

Time Weighted/Integrated Real Time LBMP- Generator

--- 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	41.24	34.43	33.91	35.59	32.78	39.86	50.96	57.53	64.95	77.69	85.94	94.15	88.62	87.94	59.12	46.21	48.00	56.28	61.29	67.96	69.67	60.48	48.47	47.85
24138	1.77	1.35	1.13	1.12	1.17	1.51	1.49	1.72	1.99	2.50	2.86	3.48	3.29	3.30	2.32	2.15	2.55	3.07	3.30	3.58	3.08	2.30	1.79	1.94
	-0.94	-0.11	0.00	0.00	0.00	0.00	-1.29	-1.49	-0.51	-2.25	-2.01	-1.91	-3.14	-2.16	-1.74	-0.06	-0.68	-0.18	0.00	0.00	-2.64	-0.80	0.00	0.00
74TH STREET_GT_1	41.31	34.48	33.97	35.65	32.83	39.92	51.05	57.59	65.01	77.71	85.98	94.15	88.61	87.92	59.10	46.19	47.99	56.24	61.26	67.98	69.74	60.58	48.57	47.95
24260	1.85	1.40	1.19	1.18	1.22	1.57	1.57	1.78	2.05	2.53	2.90	3.48	3.29	3.28	2.30	2.13	2.54	3.03	3.27	3.61	3.14	2.40	1.89	2.04
	-0.94	-0.11	0.00	0.00	0.00	0.00	-1.29	-1.49	-0.51	-2.25	-2.01	-1.91	-3.14	-2.16	-1.74	-0.06	-0.68	-0.18	0.00	0.00	-2.64	-0.80	0.00	0.00
74TH STREET_GT_2	41.31	34.48	33.97	35.65	32.83	39.92	51.05	57.59	65.01	77.71	85.98	94.15	88.61	87.92	59.10	46.19	47.99	56.24	61.26	67.98	69.74	60.58	48.57	47.95
24261	1.85	1.40	1.19	1.18	1.22	1.57	1.57	1.78	2.05	2.53	2.90	3.48	3.29	3.28	2.30	2.13	2.54	3.03	3.27	3.61	3.14	2.40	1.89	2.04
	-0.94	-0.11	0.00	0.00	0.00	0.00	-1.29	-1.49	-0.51	-2.25	-2.01	-1.91	-3.14	-2.16	-1.74	-0.06	-0.68	-0.18	0.00	0.00	-2.64	-0.80	0.00	0.00
ADK HUDSON___FALLS	38.76	33.97	33.85	35.60	32.65	39.76	48.73	55.05	64.14	73.44	81.83	89.97	81.94	83.16	55.18	45.43	45.88	54.78	60.15	66.52	63.66	58.89	48.35	47.45
24011	1.18	1.11	1.07	1.14	1.03	1.40	1.85	1.99	2.13	2.41	2.47	2.85	2.43	2.52	1.60	1.48	1.69	1.91	2.17	2.14	1.95	2.20	1.67	1.53
	0.94	0.11	0.00	0.00	0.00	0.00	1.30	1.27	0.43	1.91	1.71	1.63	2.67	1.84	1.48	0.05	0.58	0.15	0.00	0.00	2.24	0.68	0.00	0.00
ADK RESOURCE___RCVRY	38.95	34.14	34.01	35.78	32.80	40.04	49.15	55.45	64.55	73.91	82.22	90.47	82.40	83.60	55.43	45.67	46.16	55.11	60.51	66.87	64.00	59.39	48.76	47.76
23798	1.35	1.28	1.23	1.32	1.19	1.69	2.24	2.38	2.53	2.86	2.83	3.31	2.85	2.94	1.83	1.72	1.96	2.23	2.52	2.49	2.25	2.68	2.08	1.85
	0.93	0.11	0.00	0.00	0.00	0.00	1.28	1.25	0.43	1.89	1.68	1.60	2.63	1.81	1.46	0.05	0.57	0.15	0.00	0.00	2.21	0.67	0.00	0.00
ADK S GLENS___FALLS	38.76	33.97	33.85	35.60	32.65	39.76	48.73	55.05	64.14	73.44	81.83	89.97	81.94	83.16	55.18	45.43	45.88	54.78	60.15	66.52	63.66	58.89	48.35	47.45
24028	1.18	1.11	1.07	1.14	1.03	1.40	1.85	1.99	2.13	2.41	2.47	2.85	2.43	2.52	1.60	1.48	1.69	1.91	2.17	2.14	1.95	2.20	1.67	1.53
	0.94	0.11	0.00	0.00	0.00	0.00	1.30	1.27	0.43	1.91	1.71	1.63	2.67	1.84	1.48	0.05	0.58	0.15	0.00	0.00	2.24	0.68	0.00	0.00
ADK_NYS___DAM	37.07	33.43	33.41	35.15	32.25	39.29	46.34	52.31	62.43	69.45	77.97	85.93	76.52	78.90	52.11	44.53	44.20	53.24	58.69	64.89	58.92	56.09	46.98	46.29
23527	0.70	0.71	0.63	0.68	0.64	0.94	1.14	1.00	1.00	1.04	0.95	1.04	0.67	0.79	0.56	0.64	0.81	0.57	0.70	0.51	0.28	0.33	0.30	0.37
	2.16	0.25	0.00	0.00	0.00	0.00	2.98	3.00	1.02	4.53	4.05	3.86	6.33	4.36	3.51	0.12	1.37	0.37	0.00	0.00	5.31	1.61	0.00	0.00
AIR_PRODUCTS___DRP	37.03	32.25	32.13	33.78	31.03	37.57	46.16	52.14	60.74	69.80	77.79	85.41	78.15	79.14	52.70	43.10	43.56	51.81	56.86	63.01	60.89	55.58	45.64	45.06
24190	-0.79	-0.64	-0.65	-0.69	-0.59	-0.78	-1.04	-1.24	-1.39	-1.73	-2.03	-2.15	-2.07	-1.99	-1.27	-0.87	-0.78	-1.11	-1.13	-1.37	-1.42	-1.30	-1.04	-0.86
	0.71	0.08	0.00	0.00	0.00	0.00	0.98	0.93	0.32	1.41	1.26	1.20	1.96	1.35	1.09	0.04	0.43	0.11	0.00	0.00	1.65	0.50	0.00	0.00
AKWESSNE_115KV_BK	39.00	33.46	33.27	34.97	32.04	38.93	49.05	55.34	63.63	74.23	82.44	89.41	75.27	83.64	55.89	44.58	45.21	53.68	58.77	65.23	64.90	58.29	47.48	46.60
355683	0.47	0.48	0.48	0.50	0.43	0.58	0.87	1.02	1.18	1.29	1.37	0.66	1.24	1.17	0.82	0.58	0.44	0.65	0.78	0.86	0.94	0.91	0.80	0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	37.48	32.48	32.38	34.04	31.25	37.83	46.89	52.94	61.23	70.78	78.81	86.38	79.40	80.15	53.36	43.28	43.91	52.16	57.18	63.36	62.00	56.16	46.20	46.12
323833	-0.59	-0.44	-0.41	-0.43	-0.36	-0.52	-0.66	-0.82	-1.03	-1.30	-1.50	-1.64	-1.60	-1.50	-1.05	-0.69	-0.60	-0.80	-0.81	-1.01	-0.95	-0.91	-0.49	0.20
	0.46	0.05	0.00	0.00	0.00	0.00	0.63	0.56	0.19	0.85	0.76	0.73	1.19	0.82	0.66	0.02	0.26	0.07	0.00	0.00	1.00	0.30	0.00	0.00
ALBANY_2_SOLAR	37.46	32.46	32.37	34.03	31.24	37.81	46.88	52.90	61.19	70.76	78.77	86.34	79.35	80.11	53.32	43.28	43.89	52.13	57.16	63.34	61.97	56.14	46.18	46.11
323834	-0.61	-0.46	-0.42	-0.44	-0.37	-0.54	-0.67	-0.85	-1.07	-1.32	-1.54	-1.68	-1.64	-1.55	-1.08	-0.70	-0.62	-0.83	-0.83	-1.03	-0.99	-0.94	-0.51	0.18
	0.46	0.05	0.00	0.00	0.00	0.00	0.63	0.56	0.19	0.85	0.76	0.73	1.19	0.82	0.66	0.02	0.26	0.07	0.00	0.00	1.00	0.30	0.00	0.00
ALBANY___1	37.03	32.25	32.13	33.78	31.03	37.57	46.16	52.14	60.74	69.80	77.79	85.41	78.15	79.14	52.70	43.10	43.56	51.81	56.86	63.01	60.89	55.58	45.64	45.06
23571	-0.79	-0.64	-0.65	-0.69	-0.59	-0.78	-1.04	-1.24	-1.39	-1.73	-2.03	-2.15	-2.07	-1.99	-1.27	-0.87	-0.78	-1.11	-1.13	-1.37	-1.42	-1.30	-1.04	-0.86
	0.71	0.08	0.00	0.00	0.00	0.00	0.98	0.93	0.32	1.41	1.26	1.20	1.96	1.35	1.09	0.04	0.43	0.11	0.00	0.00	1.65	0.50	0.00	0.00

ALBANY___2 23572	37.03 -0.79 0.71	32.25 -0.64 0.08	32.13 -0.65 0.00	33.78 -0.69 0.00	31.03 -0.59 0.00	37.57 -0.78 0.00	46.16 -1.04 0.98	52.14 -1.24 0.93	60.74 -1.39 0.32	69.80 -1.73 1.41	77.79 -2.03 1.26	85.41 -2.15 1.20	78.15 -2.07 1.96	79.14 -1.99 1.35	52.70 -1.27 1.09	43.10 -0.87 0.04	43.56 -0.78 0.43	51.81 -1.11 0.11	56.86 -1.13 0.00	63.01 -1.37 0.00	60.89 -1.42 1.65	55.58 -1.30 0.50	45.64 -1.04 0.00	45.06 -0.86 0.00
ALBANY___3 23573	37.03 -0.79 0.71	32.25 -0.64 0.08	32.13 -0.65 0.00	33.78 -0.69 0.00	31.03 -0.59 0.00	37.57 -0.78 0.00	46.16 -1.04 0.98	52.14 -1.24 0.93	60.74 -1.39 0.32	69.80 -1.73 1.41	77.79 -2.03 1.26	85.41 -2.15 1.20	78.15 -2.07 1.96	79.14 -1.99 1.35	52.70 -1.27 1.09	43.10 -0.87 0.04	43.56 -0.78 0.43	51.81 -1.11 0.11	56.86 -1.13 0.00	63.01 -1.37 0.00	60.89 -1.42 1.65	55.58 -1.30 0.50	45.64 -1.04 0.00	45.06 -0.86 0.00
ALBANY___4 23574	37.03 -0.79 0.71	32.25 -0.64 0.08	32.13 -0.65 0.00	33.78 -0.69 0.00	31.03 -0.59 0.00	37.57 -0.78 0.00	46.16 -1.04 0.98	52.14 -1.24 0.93	60.74 -1.39 0.32	69.80 -1.73 1.41	77.79 -2.03 1.26	85.41 -2.15 1.20	78.15 -2.07 1.96	79.14 -1.99 1.35	52.70 -1.27 1.09	43.10 -0.87 0.04	43.56 -0.78 0.43	51.81 -1.11 0.11	56.86 -1.13 0.00	63.01 -1.37 0.00	60.89 -1.42 1.65	55.58 -1.30 0.50	45.64 -1.04 0.00	45.06 -0.86 0.00
ALBANY___LFGE 323615	37.45 -0.30 0.78	32.65 -0.24 0.09	32.53 -0.25 0.00	34.20 -0.27 0.00	31.41 -0.20 0.00	38.05 -0.30 0.00	46.69 -0.41 1.08	52.77 -0.51 1.04	61.50 -0.59 0.35	70.59 -0.78 1.57	78.76 -0.90 1.40	86.51 -0.90 1.34	79.05 -0.94 2.19	80.13 -0.83 1.51	53.34 -0.50 1.22	43.71 -0.25 0.04	44.14 -0.15 0.48	52.55 -0.36 0.13	57.66 -0.33 0.00	63.90 -0.47 0.00	61.55 -0.57 1.84	56.28 -0.54 0.56	46.23 -0.45 0.00	45.59 -0.32 0.00
ALCOA_PA_115KV_PL-6C 55860	39.17 0.64 0.00	33.60 0.63 0.00	33.42 0.64 0.00	35.14 0.67 0.00	32.21 0.60 0.00	39.10 0.75 0.00	49.44 1.26 0.00	55.79 1.47 0.00	64.08 1.63 0.00	74.81 1.88 0.00	83.35 2.28 0.00	90.84 2.08 0.00	162.81 2.47 -78.16	84.62 2.14 0.00	56.31 1.25 0.00	44.83 0.82 0.00	45.46 0.69 0.00	53.89 0.86 0.00	58.97 0.98 0.00	65.47 1.10 0.00	65.19 1.23 0.00	58.59 1.22 0.00	47.79 1.11 0.00	46.85 0.93 0.00
ALCOA_RYNLDS___DRP 24188	39.17 0.64 0.00	33.60 0.63 0.00	33.42 0.64 0.00	35.14 0.67 0.00	32.21 0.60 0.00	39.10 0.75 0.00	49.44 1.26 0.00	55.79 1.47 0.00	64.08 1.63 0.00	74.81 1.88 0.00	83.35 2.28 0.00	90.84 2.08 0.00	162.81 2.47 -78.16	84.62 2.14 0.00	56.31 1.25 0.00	44.83 0.82 0.00	45.46 0.69 0.00	53.89 0.86 0.00	58.97 0.98 0.00	65.47 1.10 0.00	65.19 1.23 0.00	58.59 1.22 0.00	47.79 1.11 0.00	46.85 0.93 0.00
ALCOA___DSASP 323711	39.17 0.64 0.00	33.60 0.63 0.00	33.42 0.64 0.00	35.14 0.67 0.00	32.21 0.60 0.00	39.10 0.75 0.00	49.44 1.26 0.00	55.79 1.47 0.00	64.08 1.63 0.00	74.83 1.89 0.00	83.35 2.28 0.00	90.86 2.10 0.00	162.83 2.49 -78.16	84.66 2.18 0.00	56.31 1.25 0.00	44.82 0.82 0.00	45.46 0.69 0.00	53.89 0.86 0.00	58.97 0.98 0.00	65.48 1.10 0.00	65.19 1.23 0.00	58.59 1.22 0.00	47.79 1.11 0.00	46.85 0.93 0.00
ALLEGHENY___COGEN 23514	42.24 2.42 -1.30	35.60 1.96 -0.67	35.48 1.99 -0.71	37.48 2.11 -0.90	34.14 1.85 -0.68	42.66 2.68 -1.63	54.27 3.29 -2.80	62.83 4.24 -4.27	72.94 4.83 -5.66	85.32 5.50 -6.88	93.70 5.70 -6.93	100.38 5.97 -5.66	91.99 5.13 -4.68	91.60 4.41 -4.72	60.75 2.38 -3.31	47.11 1.34 -1.77	48.23 1.56 -1.90	58.40 2.59 -2.77	63.55 2.75 -2.82	71.90 3.85 -3.67	71.84 4.22 -3.66	64.28 3.75 -3.15	51.57 2.96 -1.92	50.51 2.64 -1.95
ALTAMONT_115KV_TB 2 55880	38.01 -0.05 0.46	32.90 -0.02 0.05	32.76 -0.02 0.00	34.44 -0.03 0.00	31.62 0.01 0.00	38.27 -0.08 0.00	47.36 -0.18 0.64	53.49 -0.24 0.58	61.93 -0.33 0.20	71.68 -0.39 0.88	79.79 -0.49 0.78	87.53 -0.47 0.75	80.46 -0.50 1.22	81.19 -0.45 0.84	54.14 -0.24 0.68	43.90 -0.08 0.02	44.55 0.04 0.27	52.88 -0.08 0.07	57.93 -0.06 0.00	64.24 -0.13 0.00	62.76 -0.17 1.03	56.88 -0.18 0.31	46.54 -0.14 0.00	45.94 0.02 0.00
ALTONA_WT_PWR 323606	39.33 0.81 0.00	33.75 0.78 0.00	33.54 0.76 0.00	35.49 1.02 0.00	32.11 0.50 0.00	38.95 0.60 0.00	49.18 1.00 0.00	55.47 1.15 0.00	63.04 0.59 0.00	74.03 1.10 0.00	83.28 2.21 0.00	91.42 2.67 0.00	89.44 3.15 -4.11	85.30 2.82 0.00	56.52 1.46 0.00	45.25 1.25 0.00	46.09 1.32 0.00	54.74 1.70 0.00	59.86 1.87 0.00	66.43 2.05 0.00	65.70 1.74 0.00	59.45 2.07 0.00	48.32 1.64 0.00	47.30 1.38 0.00
AMERICAN_REF_FUEL 24010	40.04 0.40 -1.11	33.79 0.24 -0.57	33.67 0.29 -0.60	35.57 0.33 -0.77	32.46 0.27 -0.58	40.54 0.80 -1.39	50.41 -0.16 -2.39	57.90 -0.06 -3.65	67.30 0.01 -4.84	78.84 0.03 -5.88	87.37 0.38 -5.93	93.81 0.22 -4.84	85.50 -0.69 -4.01	85.71 -0.80 -4.03	57.30 -0.59 -2.83	44.60 -0.91 -1.51	45.02 -1.37 -1.62	53.86 -1.55 -2.37	58.06 -2.34 -2.41	64.95 -2.56 -3.14	65.36 -1.73 -3.13	59.23 -0.84 -2.69	48.27 -0.06 -1.64	47.76 0.17 -1.67
ARKWRIGHT___SUMMIT_WT_PWR 323751	41.18 1.50 -1.16	34.62 1.06 -0.60	34.54 1.13 -0.63	36.56 1.29 -0.80	33.28 1.06 -0.60	41.48 1.67 -1.45	52.24 1.57 -2.49	60.43 2.31 -3.80	70.21 2.72 -5.05	82.48 3.41 -6.14	91.10 3.84 -6.19	98.10 4.31 -5.04	89.56 3.21 -4.18	89.63 2.95 -4.21	59.72 1.71 -2.95	46.22 0.65 -1.58	46.63 0.17 -1.69	56.00 0.49 -2.47	60.42 -0.08 -2.51	67.75 0.10 -3.27	67.76 0.54 -3.26	61.18 1.00 -2.80	49.33 0.94 -1.71	48.67 1.01 -1.74
ARTHUR KILL_GT_1 23520	41.04 1.57 -0.94	34.21 1.13 -0.11	33.62 0.84 0.00	35.28 0.81 0.00	32.47 0.85 0.00	39.51 1.16 0.00	50.52 1.04 -1.29	56.95 1.14 -1.49	63.95 0.99 -0.51	76.25 1.06 -2.25	77.86 1.12 4.33	87.46 1.59 2.88	84.91 1.60 -1.13	81.73 1.56 2.30	53.71 1.15 2.50	43.39 1.23 1.83	47.17 1.73 -0.68	55.38 2.17 -0.18	60.36 2.37 0.00	67.15 2.77 0.00	69.00 2.41 -2.64	59.80 1.62 -0.80	47.90 1.21 0.00	47.31 1.39 0.00
ARTHUR_KILL_2 23512	40.90 1.44 -0.94	34.10 1.02 -0.11	33.52 0.74 0.00	35.17 0.71 0.00	32.37 0.76 0.00	39.38 1.03 0.00	50.35 0.88 -1.29	56.68 0.87 -1.49	63.59 0.63 -0.51	75.83 0.64 -2.25	77.52 0.78 4.33	87.09 1.22 2.88	84.58 1.26 -1.13	81.39 1.22 2.30	53.48 0.92 2.50	43.23 1.07 1.83	47.00 1.55 -0.68	55.16 1.95 -0.18	60.13 2.14 0.00	66.85 2.47 0.00	68.69 2.10 -2.64	59.54 1.37 -0.80	47.70 1.02 0.00	47.14 1.23 0.00
ARTHUR_KILL_3 23513	40.80 1.34 -0.94	34.03 0.95 -0.11	33.52 0.74 0.00	35.17 0.70 0.00	32.42 0.80 0.00	39.41 1.06 0.00	50.35 0.88 -1.29	56.67 0.86 -1.49	63.86 0.91 -0.51	76.39 1.21 -2.25	78.19 1.45 4.33	87.84 1.98 2.89	85.21 1.90 -1.13	82.04 1.88 2.31	53.93 1.38 2.51	43.60 1.43 1.83	47.30 1.85 -0.68	55.47 2.26 -0.18	60.46 2.47 0.00	67.14 2.76 0.00	68.74 2.16 -2.64	59.64 1.47 -0.80	47.85 1.17 0.00	47.34 1.42 0.00

ARTHUR_KILL_COGEN 323718	41.03 1.57 -0.94	34.21 1.13 -0.11	33.62 0.84 0.00	35.28 0.81 0.00	32.47 0.85 0.00	39.51 1.16 0.00	50.51 1.04 -1.29	56.88 1.07 -1.49	63.82 0.87 -0.51	76.11 0.92 -2.25	77.81 1.07 4.33	87.41 1.54 2.88	84.89 1.58 -1.13	81.73 1.55 2.30	53.70 1.14 2.50	43.39 1.23 1.83	47.18 1.73 -0.68	55.38 2.16 -0.18	60.37 2.38 0.00	67.14 2.76 0.00	68.97 2.39 -2.64	59.78 1.60 -0.80	47.88 1.20 0.00	47.31 1.39 0.00
ASHOKAN____ 23654	39.10 0.57 0.00	33.28 0.31 0.00	33.00 0.21 0.00	34.68 0.21 0.00	31.87 0.26 0.00	38.63 0.28 0.00	48.81 0.63 0.00	55.12 0.80 0.00	63.26 0.81 0.00	74.31 1.37 0.00	82.66 1.59 0.00	90.79 2.04 0.00	84.15 1.96 0.00	84.51 2.03 0.00	56.39 1.32 0.00	44.98 0.98 0.00	46.06 1.29 0.00	54.48 1.45 0.00	59.44 1.46 0.00	65.99 1.62 0.00	65.73 1.77 0.00	58.44 1.06 0.00	47.29 0.61 0.00	46.52 0.61 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.88 1.41 -0.94	34.10 1.02 -0.11	33.59 0.80 0.00	35.24 0.78 0.00	32.48 0.87 0.00	39.46 1.11 0.00	50.40 0.93 -1.29	57.35 1.00 -2.03	65.29 1.13 -1.71	77.97 1.36 -3.67	84.65 1.57 -2.01	92.73 2.06 -1.91	87.34 2.01 -3.14	86.62 1.98 -2.16	58.27 1.47 -1.74	45.52 1.47 -0.06	47.31 1.86 -0.68	55.40 2.19 -0.18	60.33 2.34 0.00	67.21 2.65 -0.19	68.73 2.14 -2.64	60.14 1.52 -1.25	48.24 1.33 -0.23	47.43 1.52 0.00
ASTORIA_EAST_ENERGY_CC2 323582	40.86 1.39 -0.94	34.08 1.00 -0.11	33.57 0.79 0.00	35.23 0.76 0.00	32.47 0.86 0.00	39.44 1.09 0.00	50.37 0.89 -1.29	57.32 0.97 -2.03	65.27 1.11 -1.71	77.92 1.31 -3.67	84.61 1.54 -2.01	92.67 2.00 -1.91	87.32 1.99 -3.14	86.59 1.95 -2.16	58.24 1.43 -1.74	45.50 1.44 -0.06	47.28 1.83 -0.68	55.36 2.15 -0.18	60.29 2.30 0.00	67.15 2.59 -0.19	68.69 2.10 -2.64	60.11 1.48 -1.25	48.22 1.31 -0.23	47.42 1.50 0.00
ASTORIA_GT2_1 24094	40.88 1.41 -0.94	34.10 1.02 -0.11	33.59 0.80 0.00	35.25 0.78 0.00	32.48 0.87 0.00	39.46 1.11 0.00	50.40 0.93 -1.29	57.55 1.20 -2.03	65.70 1.54 -1.71	78.34 1.73 -3.67	84.70 1.62 -2.01	92.76 2.08 -1.91	87.36 2.04 -3.14	86.65 2.02 -2.16	58.28 1.47 -1.74	45.52 1.47 -0.06	47.30 1.86 -0.68	55.41 2.19 -0.18	60.34 2.35 0.00	67.20 2.64 -0.19	68.74 2.15 -2.64	60.16 1.53 -1.25	48.24 1.33 -0.23	47.44 1.52 0.00
ASTORIA_GT2_2 24095	40.88 1.41 -0.94	34.10 1.02 -0.11	33.59 0.80 0.00	35.25 0.78 0.00	32.48 0.87 0.00	39.46 1.11 0.00	50.40 0.93 -1.29	57.55 1.20 -2.03	65.70 1.54 -1.71	78.34 1.73 -3.67	84.70 1.62 -2.01	92.76 2.08 -1.91	87.36 2.04 -3.14	86.65 2.02 -2.16	58.28 1.47 -1.74	45.52 1.47 -0.06	47.30 1.86 -0.68	55.41 2.19 -0.18	60.34 2.35 0.00	67.20 2.64 -0.19	68.74 2.15 -2.64	60.16 1.53 -1.25	48.24 1.33 -0.23	47.44 1.52 0.00
ASTORIA_GT2_3 24096	40.88 1.41 -0.94	34.10 1.02 -0.11	33.59 0.80 0.00	35.25 0.78 0.00	32.48 0.87 0.00	39.46 1.11 0.00	50.40 0.93 -1.29	57.55 1.20 -2.03	65.70 1.54 -1.71	78.34 1.73 -3.67	84.70 1.62 -2.01	92.76 2.08 -1.91	87.36 2.04 -3.14	86.65 2.02 -2.16	58.28 1.47 -1.74	45.52 1.47 -0.06	47.30 1.86 -0.68	55.41 2.19 -0.18	60.34 2.35 0.00	67.20 2.64 -0.19	68.74 2.15 -2.64	60.16 1.53 -1.25	48.24 1.33 -0.23	47.44 1.52 0.00
ASTORIA_GT2_4 24097	40.88 1.41 -0.94	34.10 1.02 -0.11	33.59 0.80 0.00	35.25 0.78 0.00	32.48 0.87 0.00	39.46 1.11 0.00	50.40 0.93 -1.29	57.55 1.20 -2.03	65.70 1.54 -1.71	78.34 1.73 -3.67	84.70 1.62 -2.01	92.76 2.08 -1.91	87.36 2.04 -3.14	86.65 2.02 -2.16	58.28 1.47 -1.74	45.52 1.47 -0.06	47.30 1.86 -0.68	55.41 2.19 -0.18	60.34 2.35 0.00	67.20 2.64 -0.19	68.74 2.15 -2.64	60.16 1.53 -1.25	48.24 1.33 -0.23	47.44 1.52 0.00
ASTORIA_GT3_1 24098	40.88 1.41 -0.94	34.10 1.02 -0.11	33.59 0.80 0.00	35.25 0.78 0.00	32.48 0.87 0.00	39.46 1.11 0.00	50.40 0.93 -1.29	57.55 1.20 -2.03	65.70 1.54 -1.71	78.34 1.73 -3.67	84.70 1.62 -2.01	92.76 2.08 -1.91	87.36 2.04 -3.14	86.65 2.02 -2.16	58.28 1.47 -1.74	45.52 1.47 -0.06	47.30 1.86 -0.68	55.41 2.19 -0.18	60.34 2.35 0.00	67.20 2.64 -0.19	68.74 2.15 -2.64	60.16 1.53 -1.25	48.24 1.33 -0.23	47.44 1.52 0.00
ASTORIA_GT3_2 24099	40.88 1.41 -0.94	34.10 1.02 -0.11	33.59 0.80 0.00	35.25 0.78 0.00	32.48 0.87 0.00	39.46 1.11 0.00	50.40 0.93 -1.29	57.55 1.20 -2.03	65.70 1.54 -1.71	78.34 1.73 -3.67	84.70 1.62 -2.01	92.76 2.08 -1.91	87.36 2.04 -3.14	86.65 2.02 -2.16	58.28 1.47 -1.74	45.52 1.47 -0.06	47.30 1.86 -0.68	55.41 2.19 -0.18	60.34 2.35 0.00	67.20 2.64 -0.19	68.74 2.15 -2.64	60.16 1.53 -1.25	48.24 1.33 -0.23	47.44 1.52 0.00
ASTORIA_GT3_3 24100	40.88 1.41 -0.94	34.10 1.02 -0.11	33.59 0.80 0.00	35.25 0.78 0.00	32.48 0.87 0.00	39.46 1.11 0.00	50.40 0.93 -1.29	57.55 1.20 -2.03	65.70 1.54 -1.71	78.34 1.73 -3.67	84.70 1.62 -2.01	92.76 2.08 -1.91	87.36 2.04 -3.14	86.65 2.02 -2.16	58.28 1.47 -1.74	45.52 1.47 -0.06	47.30 1.86 -0.68	55.41 2.19 -0.18	60.34 2.35 0.00	67.20 2.64 -0.19	68.74 2.15 -2.64	60.16 1.53 -1.25	48.24 1.33 -0.23	47.44 1.52 0.00
ASTORIA_GT3_4 24101	40.88 1.41 -0.94	34.10 1.02 -0.11	33.59 0.80 0.00	35.25 0.78 0.00	32.48 0.87 0.00	39.46 1.11 0.00	50.40 0.93 -1.29	57.55 1.20 -2.03	65.70 1.54 -1.71	78.34 1.73 -3.67	84.70 1.62 -2.01	92.76 2.08 -1.91	87.36 2.04 -3.14	86.65 2.02 -2.16	58.28 1.47 -1.74	45.52 1.47 -0.06	47.30 1.86 -0.68	55.41 2.19 -0.18	60.34 2.35 0.00	67.20 2.64 -0.19	68.74 2.15 -2.64	60.16 1.53 -1.25	48.24 1.33 -0.23	47.44 1.52 0.00
ASTORIA_GT4_1 24102	40.88 1.41 -0.94	34.10 1.02 -0.11	33.59 0.80 0.00	35.25 0.78 0.00	32.48 0.87 0.00	39.46 1.11 0.00	50.40 0.93 -1.29	57.55 1.20 -2.03	65.70 1.54 -1.71	78.34 1.73 -3.67	84.70 1.62 -2.01	92.76 2.08 -1.91	87.36 2.04 -3.14	86.65 2.02 -2.16	58.28 1.47 -1.74	45.52 1.47 -0.06	47.30 1.86 -0.68	55.41 2.19 -0.18	60.34 2.35 0.00	67.20 2.64 -0.19	68.74 2.15 -2.64	60.16 1.53 -1.25	48.24 1.33 -0.23	47.44 1.52 0.00
ASTORIA_GT4_2 24103	40.88 1.41 -0.94	34.10 1.02 -0.11	33.59 0.80 0.00	35.25 0.78 0.00	32.48 0.87 0.00	39.46 1.11 0.00	50.40 0.93 -1.29	57.55 1.20 -2.03	65.70 1.54 -1.71	78.34 1.73 -3.67	84.70 1.62 -2.01	92.76 2.08 -1.91	87.36 2.04 -3.14	86.65 2.02 -2.16	58.28 1.47 -1.74	45.52 1.47 -0.06	47.30 1.86 -0.68	55.41 2.19 -0.18	60.34 2.35 0.00	67.20 2.64 -0.19	68.74 2.15 -2.64	60.16 1.53 -1.25	48.24 1.33 -0.23	47.44 1.52 0.00
ASTORIA_GT4_3 24104	40.88 1.41 -0.94	34.10 1.02 -0.11	33.59 0.80 0.00	35.25 0.78 0.00	32.48 0.87 0.00	39.46 1.11 0.00	50.40 0.93 -1.29	57.55 1.20 -2.03	65.70 1.54 -1.71	78.34 1.73 -3.67	84.70 1.62 -2.01	92.76 2.08 -1.91	87.36 2.04 -3.14	86.65 2.02 -2.16	58.28 1.47 -1.74	45.52 1.47 -0.06	47.30 1.86 -0.68	55.41 2.19 -0.18	60.34 2.35 0.00	67.20 2.64 -0.19	68.74 2.15 -2.64	60.16 1.53 -1.25	48.24 1.33 -0.23	47.44 1.52 0.00

ASTORIA_GT4_4 24105	40.88 1.41 -0.94	34.10 1.02 -0.11	33.59 0.80 0.00	35.25 0.78 0.00	32.48 0.87 0.00	39.46 1.11 0.00	50.40 0.93 -1.29	57.55 1.20 -2.03	65.70 1.54 -1.71	78.34 1.73 -3.67	84.70 1.62 -2.01	92.76 2.08 -1.91	87.36 2.04 -3.14	86.65 2.02 -2.16	58.28 1.47 -1.74	45.52 1.47 -0.06	47.30 1.86 -0.68	55.41 2.19 -0.18	60.34 2.35 0.00	67.20 2.64 -0.19	68.74 2.15 -2.64	60.16 1.53 -1.25	48.24 1.33 -0.23	47.44 1.52 0.00
ASTORIA_GT_1 23523	40.96 1.49 -0.94	34.17 1.09 -0.11	33.65 0.87 0.00	35.31 0.84 0.00	32.54 0.93 0.00	39.54 1.19 0.00	50.50 1.03 -1.29	57.67 1.32 -2.03	65.84 1.68 -1.71	78.52 1.92 -3.67	84.89 1.81 -2.01	92.97 2.30 -1.91	87.59 2.27 -3.14	86.86 2.22 -2.16	58.43 1.62 -1.74	45.64 1.58 -0.06	47.41 1.96 -0.68	55.53 2.32 -0.18	60.46 2.47 0.00	67.37 2.80 -0.19	68.90 2.31 -2.64	60.29 1.66 -1.25	48.35 1.44 -0.23	47.53 1.62 0.00
ASTORIA_GT_10 24110	40.87 1.41 -0.94	34.13 1.05 -0.11	33.61 0.83 0.00	35.27 0.81 0.00	32.50 0.89 0.00	39.48 1.13 0.00	50.38 0.91 -1.29	56.84 1.03 -1.49	64.17 1.21 -0.51	76.68 1.50 -2.25	84.72 1.64 -2.01	92.78 2.11 -1.91	87.37 2.05 -3.14	86.67 2.04 -2.16	58.29 1.48 -1.74	45.52 1.47 -0.06	47.32 1.87 -0.68	55.47 2.26 -0.18	60.40 2.41 0.00	67.05 2.68 0.00	68.77 2.18 -2.64	59.71 1.53 -0.80	47.92 1.24 0.00	47.34 1.42 0.00
ASTORIA_GT_11 24225	40.87 1.41 -0.94	34.13 1.05 -0.11	33.61 0.83 0.00	35.27 0.81 0.00	32.50 0.89 0.00	39.48 1.13 0.00	50.38 0.91 -1.29	56.84 1.03 -1.49	64.17 1.21 -0.51	76.68 1.50 -2.25	84.72 1.64 -2.01	92.78 2.11 -1.91	87.37 2.05 -3.14	86.67 2.04 -2.16	58.29 1.48 -1.74	45.52 1.47 -0.06	47.32 1.87 -0.68	55.47 2.26 -0.18	60.40 2.41 0.00	67.05 2.68 0.00	68.77 2.18 -2.64	59.71 1.53 -0.80	47.92 1.24 0.00	47.34 1.42 0.00
ASTORIA_GT_12 24226	40.87 1.41 -0.94	34.13 1.05 -0.11	33.61 0.83 0.00	35.27 0.81 0.00	32.50 0.89 0.00	39.48 1.13 0.00	50.38 0.91 -1.29	56.84 1.03 -1.49	64.17 1.21 -0.51	76.68 1.50 -2.25	84.72 1.64 -2.01	92.78 2.11 -1.91	87.37 2.05 -3.14	86.67 2.04 -2.16	58.29 1.48 -1.74	45.52 1.47 -0.06	47.32 1.87 -0.68	55.47 2.26 -0.18	60.40 2.41 0.00	67.05 2.68 0.00	68.77 2.18 -2.64	59.71 1.53 -0.80	47.92 1.24 0.00	47.34 1.42 0.00
ASTORIA_GT_13 24227	40.87 1.41 -0.94	34.13 1.05 -0.11	33.61 0.83 0.00	35.27 0.81 0.00	32.50 0.89 0.00	39.48 1.13 0.00	50.38 0.91 -1.29	56.84 1.03 -1.49	64.17 1.21 -0.51	76.68 1.50 -2.25	84.72 1.64 -2.01	92.78 2.11 -1.91	87.37 2.05 -3.14	86.67 2.04 -2.16	58.29 1.48 -1.74	45.52 1.47 -0.06	47.32 1.87 -0.68	55.47 2.26 -0.18	60.40 2.41 0.00	67.05 2.68 0.00	68.77 2.18 -2.64	59.71 1.53 -0.80	47.92 1.24 0.00	47.34 1.42 0.00
ASTORIA_GT_5 24106	40.96 1.49 -0.94	34.17 1.09 -0.11	33.65 0.87 0.00	35.31 0.84 0.00	32.54 0.93 0.00	39.54 1.19 0.00	50.50 1.03 -1.29	57.67 1.32 -2.03	65.84 1.68 -1.71	78.52 1.92 -3.67	84.89 1.81 -2.01	92.97 2.30 -1.91	87.59 2.27 -3.14	86.86 2.22 -2.16	58.43 1.62 -1.74	45.64 1.58 -0.06	47.41 1.96 -0.68	55.53 2.32 -0.18	60.46 2.47 0.00	67.37 2.80 -0.19	68.90 2.31 -2.64	60.29 1.66 -1.25	48.35 1.44 -0.23	47.53 1.62 0.00
ASTORIA_GT_7 24107	40.96 1.49 -0.94	34.17 1.09 -0.11	33.65 0.87 0.00	35.31 0.84 0.00	32.54 0.93 0.00	39.54 1.19 0.00	50.50 1.03 -1.29	57.67 1.32 -2.03	65.84 1.68 -1.71	78.52 1.92 -3.67	84.89 1.81 -2.01	92.97 2.30 -1.91	87.59 2.27 -3.14	86.86 2.22 -2.16	58.43 1.62 -1.74	45.64 1.58 -0.06	47.41 1.96 -0.68	55.53 2.32 -0.18	60.46 2.47 0.00	67.37 2.80 -0.19	68.90 2.31 -2.64	60.29 1.66 -1.25	48.35 1.44 -0.23	47.53 1.62 0.00
ASTORIA_GT_8 24108	40.96 1.49 -0.94	34.17 1.09 -0.11	33.65 0.87 0.00	35.31 0.84 0.00	32.54 0.93 0.00	39.54 1.19 0.00	50.50 1.03 -1.29	57.67 1.32 -2.03	65.84 1.68 -1.71	78.52 1.92 -3.67	84.89 1.81 -2.01	92.97 2.30 -1.91	87.59 2.27 -3.14	86.86 2.22 -2.16	58.43 1.62 -1.74	45.64 1.58 -0.06	47.41 1.96 -0.68	55.53 2.32 -0.18	60.46 2.47 0.00	67.37 2.80 -0.19	68.90 2.31 -2.64	60.29 1.66 -1.25	48.35 1.44 -0.23	47.53 1.62 0.00
ASTORIA___2 24149	40.88 1.41 -0.94	34.10 1.02 -0.11	33.59 0.80 0.00	35.24 0.78 0.00	32.48 0.87 0.00	39.46 1.11 0.00	50.40 0.93 -1.29	57.35 1.00 -2.03	65.29 1.13 -1.71	77.97 1.36 -3.67	84.65 1.57 -2.01	92.73 2.06 -1.91	87.34 2.01 -3.14	86.62 1.98 -2.16	58.27 1.47 -1.74	45.52 1.47 -0.06	47.31 1.86 -0.68	55.40 2.19 -0.18	60.33 2.34 0.00	67.21 2.65 -0.19	68.73 2.14 -2.64	60.14 1.52 -1.25	48.24 1.33 -0.23	47.43 1.52 0.00
ASTORIA___3 23516	40.88 1.41 -0.94	34.13 1.05 -0.11	33.61 0.83 0.00	35.27 0.80 0.00	32.50 0.89 0.00	39.48 1.13 0.00	50.38 0.91 -1.29	56.75 0.94 -1.49	64.00 1.05 -0.51	76.53 1.34 -2.25	84.67 1.59 -2.01	92.76 2.09 -1.91	87.34 2.02 -3.14	86.64 2.01 -2.16	58.27 1.46 -1.74	45.53 1.47 -0.06	47.32 1.87 -0.68	55.45 2.24 -0.18	60.40 2.41 0.00	67.04 2.66 0.00	68.75 2.16 -2.64	59.70 1.52 -0.80	47.92 1.24 0.00	47.34 1.43 0.00
ASTORIA___4 23517	40.87 1.41 -0.94	34.13 1.05 -0.11	33.61 0.83 0.00	35.27 0.81 0.00	32.50 0.89 0.00	39.48 1.13 0.00	50.38 0.91 -1.29	56.84 1.03 -1.49	64.17 1.21 -0.51	76.68 1.50 -2.25	84.72 1.64 -2.01	92.78 2.11 -1.91	87.37 2.05 -3.14	86.67 2.04 -2.16	58.29 1.48 -1.74	45.52 1.47 -0.06	47.32 1.87 -0.68	55.47 2.26 -0.18	60.40 2.41 0.00	67.05 2.68 0.00	68.77 2.18 -2.64	59.71 1.53 -0.80	47.92 1.24 0.00	47.34 1.42 0.00
ASTORIA___5 23518	40.87 1.41 -0.94	34.13 1.05 -0.11	33.61 0.83 0.00	35.27 0.80 0.00	32.50 0.89 0.00	39.48 1.13 0.00	50.38 0.91 -1.29	56.75 0.94 -1.49	64.00 1.04 -0.51	76.53 1.34 -2.25	84.67 1.59 -2.01	92.76 2.09 -1.91	87.34 2.01 -3.14	86.64 2.00 -2.16	58.27 1.46 -1.74	45.53 1.47 -0.06	47.32 1.87 -0.68	55.45 2.23 -0.18	60.40 2.41 0.00	67.04 2.66 0.00	68.75 2.16 -2.64	59.70 1.52 -0.80	47.92 1.24 0.00	47.34 1.43 0.00
AST_ENERGY_2_CC3 323677	26.97 1.00 12.56	25.21 0.67 8.43	25.21 0.45 8.02	25.21 0.40 9.66	25.21 0.53 6.93	25.21 0.69 13.83	25.73 0.41 22.86	39.59 0.43 15.16	50.54 0.48 12.39	62.26 0.56 11.24	71.10 0.70 10.67	81.97 1.11 7.89	76.51 1.15 6.82	75.77 1.12 7.82	47.28 0.87 8.66	34.53 1.01 10.47	36.31 1.39 9.84	44.49 1.61 10.16	49.40 1.72 10.31	56.06 1.95 10.26	56.94 1.46 8.48	47.74 0.91 10.55	32.87 0.83 14.64	33.78 1.04 13.17
AST_ENERGY_2_CC4 323678	26.97 1.00 12.56	25.21 0.67 8.43	25.21 0.45 8.02	25.21 0.40 9.66	25.21 0.53 6.93	25.21 0.69 13.83	25.73 0.41 22.86	39.59 0.43 15.16	50.54 0.48 12.39	62.26 0.56 11.24	71.10 0.70 10.67	81.97 1.11 7.89	76.51 1.15 6.82	75.77 1.12 7.82	47.28 0.87 8.66	34.53 1.01 10.47	36.31 1.39 9.84	44.49 1.61 10.16	49.40 1.72 10.31	56.06 1.95 10.26	56.94 1.46 8.48	47.74 0.91 10.55	32.87 0.83 14.64	33.78 1.04 13.17

ATHENS_STG_1 23668	39.17 0.26 -0.39	33.23 0.22 -0.04	33.00 0.21 0.00	34.68 0.21 0.00	31.84 0.23 0.00	38.50 0.15 0.00	48.73 0.02 -0.53	54.90 -0.07 -0.65	62.53 -0.14 -0.22	73.78 -0.15 -0.99	81.76 -0.19 -0.88	89.56 -0.04 -0.84	83.52 -0.05 -1.38	83.41 -0.01 -0.95	55.90 0.07 -0.77	44.28 0.25 -0.03	45.50 0.43 -0.30	53.49 0.38 -0.08	58.41 0.42 0.00	64.79 0.41 0.00	65.43 0.31 -1.16	57.91 0.18 -0.35	46.82 0.14 0.00	46.21 0.30 0.00
ATHENS_STG_2 23670	39.17 0.26 -0.39	33.23 0.22 -0.04	33.00 0.21 0.00	34.68 0.21 0.00	31.84 0.23 0.00	38.50 0.15 0.00	48.73 0.02 -0.53	54.90 -0.07 -0.65	62.53 -0.14 -0.22	73.78 -0.15 -0.99	81.76 -0.19 -0.88	89.56 -0.04 -0.84	83.52 -0.05 -1.38	83.41 -0.01 -0.95	55.90 0.07 -0.77	44.28 0.25 -0.03	45.50 0.43 -0.30	53.49 0.38 -0.08	58.41 0.42 0.00	64.79 0.41 0.00	65.43 0.31 -1.16	57.91 0.18 -0.35	46.82 0.14 0.00	46.21 0.30 0.00
ATHENS_STG_3 23677	39.17 0.26 -0.39	33.23 0.22 -0.04	33.00 0.21 0.00	34.68 0.21 0.00	31.84 0.23 0.00	38.50 0.15 0.00	48.73 0.02 -0.53	54.90 -0.07 -0.65	62.53 -0.14 -0.22	73.78 -0.15 -0.99	81.76 -0.19 -0.88	89.56 -0.04 -0.84	83.52 -0.05 -1.38	83.41 -0.01 -0.95	55.90 0.07 -0.77	44.28 0.25 -0.03	45.50 0.43 -0.30	53.49 0.38 -0.08	58.41 0.42 0.00	64.79 0.41 0.00	65.43 0.31 -1.16	57.91 0.18 -0.35	46.82 0.14 0.00	46.21 0.30 0.00
AUBURN___LFGE 323710	41.83 0.57 -2.73	34.69 0.31 -1.40	34.58 0.32 -1.48	36.73 0.37 -1.89	33.49 0.45 -1.42	42.48 0.70 -3.43	54.94 0.88 -5.88	64.37 1.13 -8.92	75.53 1.24 -11.84	88.48 1.14 -14.40	97.00 1.40 -14.53	102.12 1.43 -11.93	94.33 1.18 -10.97	93.82 1.42 -9.93	63.01 1.03 -6.92	48.39 0.69 -3.70	49.46 0.72 -3.97	59.61 0.77 -5.81	64.63 0.74 -5.90	73.23 1.17 -7.68	72.72 1.11 -7.66	64.79 0.83 -6.59	51.35 0.65 -4.03	50.69 0.69 -4.08
BABYLON_RES_REC 323704	41.14 1.68 -0.94	34.29 1.21 -0.11	33.65 0.86 0.00	35.24 0.77 0.00	32.51 0.90 0.00	39.80 1.45 0.00	49.95 0.48 -1.29	49.50 0.17 4.99	50.79 0.11 11.77	52.45 0.28 20.76	49.03 0.19 32.24	50.17 0.28 38.86	46.93 0.30 35.55	20.30 0.25 62.43	19.65 0.28 35.69	18.53 0.54 26.01	20.13 0.76 25.40	25.43 0.88 28.49	17.94 1.28 41.34	33.89 1.46 31.95	28.15 1.14 36.95	36.02 1.07 22.43	46.36 0.91 1.24	47.19 1.32 0.04
BALL_HILL_WT_PWR 323825	40.70 1.03 -1.14	34.26 0.70 -0.59	34.17 0.77 -0.62	36.15 0.88 -0.79	32.91 0.70 -0.60	41.05 1.27 -1.43	51.53 0.89 -2.46	59.37 1.30 -3.75	69.00 1.57 -4.98	80.99 2.00 -6.05	89.49 2.31 -6.10	96.28 2.55 -4.98	87.89 1.59 -4.12	88.00 1.37 -4.15	58.73 0.76 -2.91	45.62 0.07 -1.56	46.23 -0.21 -1.67	55.49 0.02 -2.44	59.85 -0.62 -2.48	67.03 -0.58 -3.23	67.21 0.03 -3.22	60.68 0.54 -2.77	49.01 0.64 -1.69	48.40 0.76 -1.72
BARON_WINDS___WT_PWR 323822	40.52 0.57 -1.42	34.10 0.40 -0.73	34.09 0.54 -0.77	36.04 0.59 -0.99	32.73 0.38 -0.74	40.79 0.65 -1.79	51.60 0.36 -3.07	59.86 0.87 -4.68	69.76 1.09 -6.21	81.84 1.35 -7.55	89.91 1.23 -7.61	96.29 1.34 -6.20	88.22 0.90 -5.13	88.43 0.78 -5.17	58.93 0.24 -3.63	45.64 -0.30 -1.94	46.52 -0.33 -2.08	55.75 -0.33 -3.05	60.45 -0.64 -3.09	68.27 -0.14 -4.03	68.05 0.08 -4.02	60.99 0.15 -3.45	48.97 0.18 -2.11	48.10 0.04 -2.14
BARRETT_IC_1 23704	50.17 1.52 -10.12	120.94 1.11 -86.86	35.49 0.69 -2.02	35.16 0.60 -0.09	43.79 0.74 -11.44	114.97 1.20 -75.42	104.07 0.43 -55.46	77.30 -0.05 -23.04	90.52 -0.29 -28.37	103.72 -0.23 -31.01	85.37 0.04 -4.26	87.63 0.42 1.54	85.51 0.50 -2.82	42.20 0.50 40.78	101.93 0.48 -46.39	61.74 0.70 -17.04	64.92 1.07 -19.08	95.69 1.24 -41.42	63.69 1.44 -4.26	86.64 1.62 -20.64	73.51 1.15 -8.41	63.58 0.60 -5.60	48.69 0.65 -1.36	47.05 1.13 0.00
BARRETT_IC_10 23701	43.74 1.52 -3.69	63.72 1.11 -29.64	35.49 0.69 -2.02	35.16 0.60 -0.09	43.79 0.74 -11.44	114.97 1.20 -75.42	104.07 0.43 -55.46	40.81 -0.05 13.46	10.01 -0.29 52.15	11.71 -0.23 61.00	82.27 0.04 -1.16	57.72 0.42 31.45	85.50 0.50 -2.82	42.20 0.50 40.78	70.86 0.48 -15.32	56.62 0.70 -11.92	64.92 1.07 -19.08	95.69 1.24 -41.42	63.69 1.44 -4.26	71.94 1.62 -5.95	73.51 1.15 -8.41	28.12 0.60 29.86	30.51 0.65 16.82	47.05 1.13 0.00
BARRETT_IC_11 23702	43.74 1.52 -3.69	63.72 1.11 -29.64	35.49 0.69 -2.02	35.16 0.60 -0.09	43.79 0.74 -11.44	114.97 1.20 -75.42	104.07 0.43 -55.46	40.81 -0.05 13.46	10.01 -0.29 52.15	11.71 -0.23 61.00	82.27 0.04 -1.16	57.72 0.42 31.45	85.50 0.50 -2.82	42.20 0.50 40.78	70.86 0.48 -15.32	56.62 0.70 -11.92	64.92 1.07 -19.08	95.69 1.24 -41.42	63.69 1.44 -4.26	71.94 1.62 -5.95	73.51 1.15 -8.41	28.12 0.60 29.86	30.51 0.65 16.82	47.05 1.13 0.00
BARRETT_IC_12 23703	43.74 1.52 -3.69	63.72 1.11 -29.64	35.49 0.69 -2.02	35.16 0.60 -0.09	43.79 0.74 -11.44	114.97 1.20 -75.42	104.07 0.43 -55.46	40.81 -0.05 13.46	10.01 -0.29 52.15	11.71 -0.23 61.00	82.27 0.04 -1.16	57.72 0.42 31.45	85.50 0.50 -2.82	42.20 0.50 40.78	70.86 0.48 -15.32	56.62 0.70 -11.92	64.92 1.07 -19.08	95.69 1.24 -41.42	63.69 1.44 -4.26	71.94 1.62 -5.95	73.51 1.15 -8.41	28.12 0.60 29.86	30.51 0.65 16.82	47.05 1.13 0.00
BARRETT_IC_2 23705	50.17 1.52 -10.12	120.94 1.11 -86.86	35.49 0.69 -2.02	35.16 0.60 -0.09	43.79 0.74 -11.44	114.97 1.20 -75.42	104.07 0.43 -55.46	77.30 -0.05 -23.04	90.52 -0.29 -28.37	103.72 -0.23 -31.01	85.37 0.04 -4.26	87.63 0.42 1.54	85.51 0.50 -2.82	42.20 0.50 40.78	101.93 0.48 -46.39	61.74 0.70 -17.04	64.92 1.07 -19.08	95.69 1.24 -41.42	63.69 1.44 -4.26	86.64 1.62 -20.64	73.51 1.15 -8.41	63.58 0.60 -5.60	48.69 0.65 -1.36	47.05 1.13 0.00
BARRETT_IC_3 23706	50.17 1.52 -10.12	120.94 1.11 -86.86	35.49 0.69 -2.02	35.16 0.60 -0.09	43.79 0.74 -11.44	114.97 1.20 -75.42	104.07 0.43 -55.46	77.30 -0.05 -23.04	90.52 -0.29 -28.37	103.72 -0.23 -31.01	85.37 0.04 -4.26	87.63 0.42 1.54	85.51 0.50 -2.82	42.20 0.50 40.78	101.93 0.48 -46.39	61.74 0.70 -17.04	64.92 1.07 -19.08	95.69 1.24 -41.42	63.69 1.44 -4.26	86.64 1.62 -20.64	73.51 1.15 -8.41	63.58 0.60 -5.60	48.69 0.65 -1.36	47.05 1.13 0.00
BARRETT_IC_4 23707	50.17 1.52 -10.12	120.94 1.11 -86.86	35.49 0.69 -2.02	35.16 0.60 -0.09	43.79 0.74 -11.44	114.97 1.20 -75.42	104.07 0.43 -55.46	77.30 -0.05 -23.04	90.52 -0.29 -28.37	103.72 -0.23 -31.01	85.37 0.04 -4.26	87.63 0.42 1.54	85.51 0.50 -2.82	42.20 0.50 40.78	101.93 0.48 -46.39	61.74 0.70 -17.04	64.92 1.07 -19.08	95.69 1.24 -41.42	63.69 1.44 -4.26	86.64 1.62 -20.64	73.51 1.15 -8.41	63.58 0.60 -5.60	48.69 0.65 -1.36	47.05 1.13 0.00
BARRETT_IC_5 23708	50.17 1.52 -10.12	120.94 1.11 -86.86	35.49 0.69 -2.02	35.16 0.60 -0.09	43.79 0.74 -11.44	114.97 1.20 -75.42	104.07 0.43 -55.46	77.30 -0.05 -23.04	90.52 -0.29 -28.37	103.72 -0.23 -31.01	85.37 0.04 -4.26	87.63 0.42 1.54	85.51 0.50 -2.82	42.20 0.50 40.78	101.93 0.48 -46.39	61.74 0.70 -17.04	64.92 1.07 -19.08	95.69 1.24 -41.42	63.69 1.44 -4.26	86.64 1.62 -20.64	73.51 1.15 -8.41	63.58 0.60 -5.60	48.69 0.65 -1.36	47.05 1.13 0.00

BARRETT_IC_6 23709	50.17 1.52 -10.12	120.94 1.11 -86.86	35.49 0.69 -2.02	35.16 0.60 -0.09	43.79 0.74 -11.44	114.97 1.20 -75.42	104.07 0.43 -55.46	77.30 -0.05 -23.04	90.52 -0.29 -28.37	103.72 -0.23 -31.01	85.37 0.04 -4.26	87.63 0.42 1.54	85.51 0.50 -2.82	42.20 0.50 40.78	101.93 0.48 -46.39	61.74 0.70 -17.04	64.92 1.07 -19.08	95.69 1.24 -41.42	63.69 1.44 -4.26	86.64 1.62 -20.64	73.51 1.15 -8.41	63.58 0.60 -5.60	48.69 0.65 -1.36	47.05 1.13 0.00
BARRETT_IC_7 23710	50.17 1.52 -10.12	120.95 1.12 -86.86	35.55 0.75 -2.02	35.22 0.66 -0.09	43.85 0.80 -11.44	115.00 1.23 -75.42	104.07 0.43 -55.46	77.54 0.18 -23.04	90.79 -0.02 -28.37	104.01 0.06 -31.01	85.47 0.13 -4.26	87.73 0.51 1.54	85.59 0.58 -2.82	42.26 0.57 40.78	101.97 0.52 -46.39	61.77 0.73 -17.04	64.95 1.09 -19.08	95.75 1.29 -41.42	63.72 1.47 -4.26	86.71 1.69 -20.64	73.59 1.23 -8.41	63.68 0.70 -5.60	48.74 0.70 -1.36	47.06 1.13 0.00
BARRETT_IC_8 23711	50.17 1.52 -10.12	120.94 1.11 -86.86	35.49 0.69 -2.02	35.16 0.60 -0.09	43.79 0.74 -11.44	114.97 1.20 -75.42	104.07 0.43 -55.46	77.30 -0.05 -23.04	90.52 -0.29 -28.37	103.72 -0.23 -31.01	85.37 0.04 -4.26	87.63 0.42 1.54	85.51 0.50 -2.82	42.20 0.50 40.78	101.93 0.48 -46.39	61.74 0.70 -17.04	64.92 1.07 -19.08	95.69 1.24 -41.42	63.69 1.44 -4.26	86.64 1.62 -20.64	73.51 1.15 -8.41	63.58 0.60 -5.60	48.69 0.65 -1.36	47.05 1.13 0.00
BARRETT_IC_9 23700	43.74 1.52 -3.69	63.72 1.11 -29.64	35.49 0.69 -2.02	35.16 0.60 -0.09	43.79 0.74 -11.44	114.97 1.20 -75.42	104.07 0.43 -55.46	40.81 -0.05 13.46	10.01 -0.29 52.15	11.71 -0.23 61.00	82.27 0.04 -1.16	57.72 0.42 31.45	85.50 0.50 -2.82	42.20 0.50 40.78	70.86 0.48 -15.32	56.62 0.70 -11.92	64.92 1.07 -19.08	95.69 1.24 -41.42	63.69 1.44 -4.26	71.94 1.62 -5.95	73.51 1.15 -8.41	28.12 0.60 29.86	30.51 0.65 16.82	47.05 1.13 0.00
BARRETT___1 23545	50.17 1.52 -10.12	120.94 1.11 -86.86	35.49 0.69 -2.02	35.16 0.60 -0.09	43.79 0.74 -11.44	114.97 1.20 -75.42	104.07 0.43 -55.46	77.30 -0.05 -23.04	90.52 -0.29 -28.37	103.72 -0.23 -31.01	85.44 0.04 -4.33	88.79 0.42 0.38	85.51 0.50 -2.82	42.20 0.50 40.78	102.01 0.48 -46.47	61.74 0.70 -17.04	64.92 1.07 -19.08	95.69 1.24 -41.42	63.69 1.44 -4.26	86.64 1.62 -20.64	73.51 1.15 -8.41	63.58 0.60 -5.60	48.69 0.65 -1.36	47.05 1.13 0.00
BARRETT___2 23546	43.74 1.52 -3.69	63.72 1.11 -29.64	35.49 0.69 -2.02	35.16 0.60 -0.09	43.79 0.74 -11.44	114.97 1.20 -75.42	104.07 0.43 -55.46	40.81 -0.05 13.46	10.01 -0.29 52.15	11.71 -0.23 61.00	82.27 0.04 -1.16	57.72 0.42 31.45	85.50 0.50 -2.82	42.20 0.50 40.78	70.86 0.48 -15.32	56.62 0.70 -11.92	64.92 1.07 -19.08	95.69 1.24 -41.42	63.69 1.44 -4.26	71.94 1.62 -5.95	73.51 1.15 -8.41	28.12 0.60 29.86	30.51 0.65 16.82	47.05 1.13 0.00
BATAVIA___115KV_TB1 55881	41.56 1.95 -1.08	35.06 1.53 -0.55	34.89 1.52 -0.58	36.85 1.63 -0.75	33.63 1.45 -0.56	41.95 2.24 -1.36	52.76 2.25 -2.33	60.63 2.77 -3.54	70.49 3.34 -4.70	82.61 3.95 -5.72	91.58 4.75 -5.77	98.50 5.04 -4.70	89.92 3.85 -3.90	90.10 3.70 -3.92	60.14 2.33 -2.75	46.89 1.42 -1.47	47.57 1.23 -1.58	56.96 1.62 -2.31	61.69 1.36 -2.34	69.15 1.73 -3.05	69.23 2.23 -3.04	62.38 2.39 -2.61	50.42 2.15 -1.60	49.66 2.12 -1.62
BAYONEEC___CTG1 323682	41.01 1.54 -0.94	34.23 1.15 -0.11	33.72 0.93 0.00	35.38 0.92 0.00	32.59 0.98 0.00	39.62 1.26 0.00	50.62 1.14 -1.29	57.01 1.20 -1.49	64.27 1.32 -0.51	76.86 1.68 -2.25	85.04 1.96 -2.01	93.19 2.52 -1.91	87.73 2.40 -3.14	87.04 2.40 -2.16	58.53 1.72 -1.74	45.75 1.70 -0.06	47.54 2.09 -0.68	55.73 2.51 -0.18	60.72 2.73 0.00	67.38 3.01 0.00	69.11 2.52 -2.64	60.02 1.84 -0.80	48.15 1.46 0.00	47.58 1.66 0.00
BAYONEEC___CTG10 323750	41.01 1.54 -0.94	34.23 1.15 -0.11	33.72 0.93 0.00	35.38 0.92 0.00	32.59 0.98 0.00	39.62 1.26 0.00	50.62 1.14 -1.29	57.01 1.20 -1.49	64.27 1.32 -0.51	76.86 1.68 -2.25	85.04 1.96 -2.01	93.19 2.52 -1.91	87.73 2.40 -3.14	87.04 2.40 -2.16	58.53 1.72 -1.74	45.75 1.70 -0.06	47.54 2.09 -0.68	55.73 2.51 -0.18	60.72 2.73 0.00	67.38 3.01 0.00	69.11 2.52 -2.64	60.02 1.84 -0.80	48.15 1.46 0.00	47.58 1.66 0.00
BAYONEEC___CTG2 323683	41.01 1.54 -0.94	34.23 1.15 -0.11	33.72 0.93 0.00	35.38 0.92 0.00	32.59 0.98 0.00	39.62 1.26 0.00	50.62 1.14 -1.29	57.01 1.20 -1.49	64.27 1.32 -0.51	76.86 1.68 -2.25	85.04 1.96 -2.01	93.19 2.52 -1.91	87.73 2.40 -3.14	87.04 2.40 -2.16	58.53 1.72 -1.74	45.75 1.70 -0.06	47.54 2.09 -0.68	55.73 2.51 -0.18	60.72 2.73 0.00	67.38 3.01 0.00	69.11 2.52 -2.64	60.02 1.84 -0.80	48.15 1.46 0.00	47.58 1.66 0.00
BAYONEEC___CTG3 323684	41.01 1.54 -0.94	34.23 1.15 -0.11	33.72 0.93 0.00	35.38 0.92 0.00	32.59 0.98 0.00	39.62 1.26 0.00	50.62 1.14 -1.29	57.01 1.20 -1.49	64.27 1.32 -0.51	76.86 1.68 -2.25	85.04 1.96 -2.01	93.19 2.52 -1.91	87.73 2.40 -3.14	87.04 2.40 -2.16	58.53 1.72 -1.74	45.75 1.70 -0.06	47.54 2.09 -0.68	55.73 2.51 -0.18	60.72 2.73 0.00	67.38 3.01 0.00	69.11 2.52 -2.64	60.02 1.84 -0.80	48.15 1.46 0.00	47.58 1.66 0.00
BAYONEEC___CTG4 323685	41.01 1.54 -0.94	34.23 1.15 -0.11	33.72 0.93 0.00	35.38 0.92 0.00	32.59 0.98 0.00	39.62 1.26 0.00	50.62 1.14 -1.29	57.01 1.20 -1.49	64.27 1.32 -0.51	76.86 1.68 -2.25	85.04 1.96 -2.01	93.19 2.52 -1.91	87.73 2.40 -3.14	87.04 2.40 -2.16	58.53 1.72 -1.74	45.75 1.70 -0.06	47.54 2.09 -0.68	55.73 2.51 -0.18	60.72 2.73 0.00	67.38 3.01 0.00	69.11 2.52 -2.64	60.02 1.84 -0.80	48.15 1.46 0.00	47.58 1.66 0.00
BAYONEEC___CTG5 323686	41.01 1.54 -0.94	34.23 1.15 -0.11	33.72 0.93 0.00	35.38 0.92 0.00	32.59 0.98 0.00	39.62 1.26 0.00	50.62 1.14 -1.29	57.01 1.20 -1.49	64.27 1.32 -0.51	76.86 1.68 -2.25	85.04 1.96 -2.01	93.19 2.52 -1.91	87.73 2.40 -3.14	87.04 2.40 -2.16	58.53 1.72 -1.74	45.75 1.70 -0.06	47.54 2.09 -0.68	55.73 2.51 -0.18	60.72 2.73 0.00	67.38 3.01 0.00	69.11 2.52 -2.64	60.02 1.84 -0.80	48.15 1.46 0.00	47.58 1.66 0.00
BAYONEEC___CTG6 323687	41.01 1.54 -0.94	34.23 1.15 -0.11	33.72 0.93 0.00	35.38 0.92 0.00	32.59 0.98 0.00	39.62 1.26 0.00	50.62 1.14 -1.29	57.01 1.20 -1.49	64.27 1.32 -0.51	76.86 1.68 -2.25	85.04 1.96 -2.01	93.19 2.52 -1.91	87.73 2.40 -3.14	87.04 2.40 -2.16	58.53 1.72 -1.74	45.75 1.70 -0.06	47.54 2.09 -0.68	55.73 2.51 -0.18	60.72 2.73 0.00	67.38 3.01 0.00	69.11 2.52 -2.64	60.02 1.84 -0.80	48.15 1.46 0.00	47.58 1.66 0.00
BAYONEEC___CTG7 323688	41.01 1.54 -0.94	34.23 1.15 -0.11	33.72 0.93 0.00	35.38 0.92 0.00	32.59 0.98 0.00	39.62 1.26 0.00	50.62 1.14 -1.29	57.01 1.20 -1.49	64.27 1.32 -0.51	76.86 1.68 -2.25	85.04 1.96 -2.01	93.19 2.52 -1.91	87.73 2.40 -3.14	87.04 2.40 -2.16	58.53 1.72 -1.74	45.75 1.70 -0.06	47.54 2.09 -0.68	55.73 2.51 -0.18	60.72 2.73 0.00	67.38 3.01 0.00	69.11 2.52 -2.64	60.02 1.84 -0.80	48.15 1.46 0.00	47.58 1.66 0.00

BAYONEEC___CTG8 323689	41.01 1.54 -0.94	34.23 1.15 -0.11	33.72 0.93 0.00	35.38 0.92 0.00	32.59 0.98 0.00	39.62 1.26 0.00	50.62 1.14 -1.29	57.01 1.20 -1.49	64.27 1.32 -0.51	76.86 1.68 -2.25	85.04 1.96 -2.01	93.19 2.52 -1.91	87.73 2.40 -3.14	87.04 2.40 -2.16	58.53 1.72 -1.74	45.75 1.70 -0.06	47.54 2.09 -0.68	55.73 2.51 -0.18	60.72 2.73 0.00	67.38 3.01 0.00	69.11 2.52 -2.64	60.02 1.84 -0.80	48.15 1.46 0.00	47.58 1.66 0.00
BAYONEEC___CTG9 323749	41.01 1.54 -0.94	34.23 1.15 -0.11	33.72 0.93 0.00	35.38 0.92 0.00	32.59 0.98 0.00	39.62 1.26 0.00	50.62 1.14 -1.29	57.01 1.20 -1.49	64.27 1.32 -0.51	76.86 1.68 -2.25	85.04 1.96 -2.01	93.19 2.52 -1.91	87.73 2.40 -3.14	87.04 2.40 -2.16	58.53 1.72 -1.74	45.75 1.70 -0.06	47.54 2.09 -0.68	55.73 2.51 -0.18	60.72 2.73 0.00	67.38 3.01 0.00	69.11 2.52 -2.64	60.02 1.84 -0.80	48.15 1.46 0.00	47.58 1.66 0.00
BEACON___LESR 323632	37.45 -0.32 0.75	32.63 -0.25 0.09	32.52 -0.27 0.00	34.20 -0.27 0.00	31.40 -0.21 0.00	38.10 -0.25 0.00	46.75 -0.39 1.04	52.83 -0.49 0.99	61.57 -0.54 0.34	70.71 -0.73 1.50	78.87 -0.85 1.34	86.64 -0.84 1.28	79.18 -0.90 2.10	80.25 -0.78 1.44	53.35 -0.55 1.16	43.73 -0.23 0.04	44.28 -0.04 0.46	52.68 -0.23 0.12	57.90 -0.09 0.00	64.15 -0.23 0.00	61.83 -0.36 1.76	56.44 -0.40 0.54	46.33 -0.35 0.00	45.71 -0.21 0.00
BEAVER RIVER___HYD 24048	40.75 1.11 -1.11	34.48 0.94 -0.57	34.34 0.95 -0.60	36.28 1.04 -0.77	33.22 1.03 -0.58	40.42 0.67 -1.40	52.53 1.95 -2.40	60.50 2.55 -3.63	70.21 2.95 -4.82	82.47 3.67 -5.86	91.17 4.23 -5.87	98.18 4.60 -4.83	110.90 4.29 -24.42	90.71 4.21 -4.03	60.66 2.78 -2.82	47.77 2.26 -1.51	48.67 2.26 -1.64	58.24 2.40 -2.81	63.38 2.54 -2.85	71.25 3.16 -3.72	71.01 3.34 -3.70	63.68 3.12 -3.19	51.14 2.52 -1.95	50.11 2.22 -1.98
BEEBEE_GT_13 23619	40.38 0.84 -1.02	34.10 0.61 -0.52	33.94 0.61 -0.55	35.81 0.64 -0.71	32.71 0.57 -0.53	40.63 1.00 -1.28	51.47 1.11 -2.19	59.03 1.38 -3.33	68.52 1.65 -4.42	80.29 1.98 -5.37	88.97 2.48 -5.42	95.85 2.67 -4.43	87.84 1.99 -3.66	88.07 1.90 -3.69	58.88 1.23 -2.58	46.14 0.76 -1.38	46.90 0.65 -1.48	56.15 0.95 -2.16	60.89 0.70 -2.20	68.10 0.86 -2.87	67.90 1.08 -2.86	60.99 1.16 -2.46	49.13 0.94 -1.50	48.32 0.88 -1.52
BENSHRST_27_KV_BENSHRST_1 355998	41.28 1.81 -0.94	34.44 1.35 -0.11	33.88 1.10 0.00	35.56 1.09 0.00	32.74 1.13 0.00	39.84 1.49 0.00	50.95 1.47 -1.29	57.48 1.68 -1.49	64.69 1.73 -0.51	77.17 1.99 -2.25	85.30 2.22 -2.01	93.45 2.78 -1.91	88.00 2.67 -3.14	87.27 2.63 -2.16	58.70 1.89 -1.74	45.88 1.82 -0.06	47.72 2.27 -0.68	55.98 2.76 -0.18	60.99 3.00 0.00	67.80 3.42 0.00	69.53 2.94 -2.64	60.35 2.17 -0.80	48.37 1.69 0.00	47.78 1.87 0.00
BETHLEHEM___GRP 23843	37.03 -0.79 0.71	32.25 -0.64 0.08	32.13 -0.65 0.00	33.78 -0.69 0.00	31.03 -0.59 0.00	37.57 -0.78 0.00	46.16 -1.04 0.98	52.14 -1.24 0.93	60.74 -1.39 0.32	69.80 -1.73 1.41	77.79 -2.03 1.26	85.41 -2.15 1.20	78.15 -2.07 1.96	79.14 -1.99 1.35	52.70 -1.27 1.09	43.10 -0.87 0.04	43.56 -0.78 0.43	51.81 -1.11 0.11	56.86 -1.13 0.00	63.01 -1.37 0.00	60.89 -1.42 1.65	55.58 -1.30 0.50	45.64 -1.04 0.00	45.06 -0.86 0.00
BETHLEHEM___GS1 323560	37.03 -0.79 0.71	32.25 -0.64 0.08	32.13 -0.65 0.00	33.78 -0.69 0.00	31.03 -0.59 0.00	37.57 -0.78 0.00	46.16 -1.04 0.98	52.14 -1.24 0.93	60.72 -1.41 0.32	69.77 -1.76 1.41	77.77 -2.05 1.26	85.40 -2.15 1.20	78.13 -2.09 1.96	79.14 -1.99 1.35	52.70 -1.28 1.09	43.10 -0.87 0.04	43.57 -0.77 0.43	51.81 -1.11 0.11	56.86 -1.13 0.00	63.01 -1.36 0.00	60.89 -1.42 1.65	55.58 -1.30 0.50	45.64 -1.04 0.00	45.06 -0.86 0.00
BETHLEHEM___GS2 323561	37.03 -0.79 0.71	32.25 -0.64 0.08	32.13 -0.65 0.00	33.78 -0.69 0.00	31.03 -0.59 0.00	37.57 -0.78 0.00	46.16 -1.04 0.98	52.14 -1.24 0.93	60.72 -1.41 0.32	69.77 -1.76 1.41	77.77 -2.05 1.26	85.40 -2.15 1.20	78.13 -2.09 1.96	79.14 -1.99 1.35	52.70 -1.28 1.09	43.10 -0.87 0.04	43.57 -0.77 0.43	51.81 -1.11 0.11	56.86 -1.13 0.00	63.01 -1.36 0.00	60.89 -1.42 1.65	55.58 -1.30 0.50	45.64 -1.04 0.00	45.06 -0.86 0.00
BETHLEHEM___GS3 323562	37.03 -0.79 0.71	32.25 -0.64 0.08	32.13 -0.65 0.00	33.78 -0.69 0.00	31.03 -0.59 0.00	37.57 -0.78 0.00	46.16 -1.04 0.98	52.14 -1.24 0.93	60.72 -1.41 0.32	69.77 -1.76 1.41	77.77 -2.05 1.26	85.40 -2.15 1.20	78.13 -2.09 1.96	79.14 -1.99 1.35	52.70 -1.28 1.09	43.10 -0.87 0.04	43.57 -0.77 0.43	51.81 -1.11 0.11	56.86 -1.13 0.00	63.01 -1.36 0.00	60.89 -1.42 1.65	55.58 -1.30 0.50	45.64 -1.04 0.00	45.06 -0.86 0.00
BETHLEHEM___STEEL 23779	40.75 1.08 -1.15	34.35 0.79 -0.59	34.26 0.86 -0.62	36.21 0.94 -0.79	32.98 0.77 -0.60	41.16 1.37 -1.44	51.69 1.04 -2.47	59.38 1.30 -3.76	68.98 1.54 -4.99	80.91 1.91 -6.07	89.72 2.53 -6.12	96.54 2.79 -4.99	88.05 1.74 -4.13	88.23 1.59 -4.16	58.87 0.90 -2.92	45.79 0.23 -1.56	46.32 -0.13 -1.67	55.51 0.03 -2.45	59.87 -0.60 -2.49	67.07 -0.54 -3.24	67.29 0.11 -3.23	60.81 0.65 -2.78	49.20 0.82 -1.70	48.57 0.93 -1.72
BETHLHEM_115KV_TB1 79974	37.23 -0.63 0.67	32.38 -0.51 0.08	32.26 -0.52 0.00	33.91 -0.56 0.00	31.15 -0.46 0.00	37.72 -0.63 0.00	46.39 -0.87 0.92	52.40 -1.05 0.87	60.97 -1.18 0.30	70.16 -1.45 1.32	78.16 -1.73 1.18	85.81 -1.82 1.12	78.58 -1.76 1.84	79.54 -1.67 1.27	52.98 -1.06 1.02	43.26 -0.71 0.03	43.76 -0.61 0.40	52.02 -0.90 0.11	57.07 -0.91 0.00	63.26 -1.11 0.00	61.25 -1.16 1.54	55.84 -1.07 0.47	45.82 -0.86 0.00	45.24 -0.68 0.00
BETHPAGE_CC_5 323564	41.18 1.49 -1.16	36.34 1.12 -2.25	33.62 0.78 -0.06	35.14 0.67 0.00	32.79 0.81 -0.37	42.06 1.29 -2.42	51.49 0.28 -3.03	50.45 -0.02 3.85	52.18 -0.19 10.08	54.68 -0.10 18.15	52.03 0.22 29.26	54.06 0.61 35.30	50.67 0.70 32.21	25.71 0.70 57.46	24.36 0.61 31.30	22.92 0.83 21.91	25.68 1.20 20.28	33.99 1.40 20.45	21.93 1.64 37.69	39.42 1.81 26.76	32.07 1.34 33.22	37.84 0.80 20.34	46.27 0.70 1.11	47.05 1.18 0.04
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	40.86 1.18 -1.15	34.42 0.86 -0.59	34.34 0.93 -0.62	36.30 1.03 -0.80	33.06 0.85 -0.60	41.27 1.47 -1.45	51.87 1.21 -2.48	59.62 1.52 -3.78	69.28 1.81 -5.02	81.27 2.23 -6.11	90.10 2.88 -6.16	96.99 3.22 -5.02	88.48 2.15 -4.15	88.67 2.01 -4.19	59.16 1.16 -2.93	46.03 0.46 -1.57	46.58 0.12 -1.68	55.84 0.34 -2.46	60.22 -0.27 -2.50	67.47 -0.17 -3.26	67.64 0.43 -3.25	61.08 0.91 -2.79	49.37 0.98 -1.70	48.71 1.06 -1.73
BINGHAMTON___COGEN 23790	40.27 0.25 -1.49	33.88 0.14 -0.76	33.79 0.20 -0.81	35.76 0.26 -1.03	32.60 0.21 -0.78	40.54 0.31 -1.87	51.60 0.22 -3.21	59.65 0.43 -4.91	69.46 0.50 -6.52	81.56 0.70 -7.92	89.73 0.67 -7.99	96.10 0.84 -6.50	88.22 0.66 -5.38	88.56 0.66 -5.43	59.32 0.45 -3.81	46.31 0.27 -2.04	47.30 0.35 -2.19	56.79 0.56 -3.20	61.53 0.29 -3.25	69.06 0.45 -4.23	68.70 0.53 -4.22	61.45 0.45 -3.63	49.16 0.27 -2.22	48.45 0.29 -2.25

BIXINCNT_115KV_LOAD 355685	40.88 1.18 -1.17	34.45 0.88 -0.60	34.44 1.03 -0.63	36.40 1.12 -0.81	33.19 0.97 -0.61	41.44 1.62 -1.47	52.24 1.54 -2.52	60.10 1.94 -3.84	69.79 2.25 -5.10	81.89 2.76 -6.20	90.67 3.35 -6.25	97.58 3.73 -5.09	88.97 2.57 -4.22	89.10 2.37 -4.25	59.35 1.31 -2.98	46.19 0.59 -1.60	46.75 0.27 -1.71	55.96 0.43 -2.50	60.39 -0.14 -2.54	67.64 -0.04 -3.31	67.79 0.54 -3.30	61.00 0.79 -2.83	49.04 0.63 -1.73	48.41 0.74 -1.76
BLACK RIVER___HYD 24047	41.81 1.52 -1.77	35.15 1.27 -0.91	35.03 1.29 -0.96	37.09 1.39 -1.23	33.96 1.43 -0.92	41.79 1.22 -2.22	54.58 2.59 -3.80	63.49 3.41 -5.76	74.13 4.03 -7.65	87.26 5.02 -9.30	96.06 5.67 -9.32	102.55 6.14 -7.66	108.47 5.58 -20.71	94.44 5.58 -6.38	63.32 3.79 -4.47	49.47 3.08 -2.39	50.47 3.10 -2.60	60.86 3.30 -4.52	66.10 3.51 -4.59	74.70 4.34 -5.99	74.40 4.48 -5.97	66.48 3.97 -5.13	52.97 3.15 -3.13	51.86 2.76 -3.18
BLACKRVR_115KV_TB2 79977	41.81 1.52 -1.77	35.15 1.27 -0.91	35.03 1.29 -0.96	37.09 1.39 -1.23	33.96 1.43 -0.92	41.79 1.22 -2.22	54.58 2.59 -3.80	63.47 3.39 -5.76	74.10 4.01 -7.65	87.25 5.01 -9.30	96.05 5.66 -9.32	102.54 6.13 -7.66	108.45 5.56 -20.71	94.43 5.57 -6.38	63.31 3.78 -4.47	49.47 3.08 -2.39	50.47 3.10 -2.60	60.85 3.29 -4.52	66.10 3.51 -4.59	74.69 4.33 -5.99	74.40 4.48 -5.97	66.48 3.97 -5.13	52.97 3.15 -3.13	51.86 2.76 -3.18
BLDWN_LI_69_KV_BK4 356085	43.75 1.83 -3.39	57.74 1.36 -23.40	34.37 1.01 -0.57	35.43 0.94 -0.02	35.94 1.05 -3.26	61.45 1.56 -21.54	65.75 0.81 -16.77	58.84 0.67 -3.85	64.03 0.41 -1.18	70.86 0.62 2.70	66.14 0.92 15.85	69.37 1.39 20.77	65.94 1.39 17.63	42.10 1.61 41.99	50.12 1.22 6.15	40.64 1.28 4.64	45.96 1.65 0.46	65.70 1.99 -10.68	39.13 2.26 21.12	61.68 2.59 5.28	49.60 2.13 16.48	48.53 1.49 10.34	47.68 1.25 0.25	47.49 1.60 0.02
BLISS_WT_PWR 323608	40.88 1.18 -1.17	34.45 0.88 -0.60	34.45 1.04 -0.63	36.41 1.13 -0.81	33.21 0.99 -0.61	41.46 1.64 -1.47	52.28 1.59 -2.52	60.28 2.11 -3.84	70.06 2.51 -5.10	82.20 3.06 -6.20	90.86 3.54 -6.25	97.70 3.85 -5.09	89.12 2.72 -4.22	89.22 2.50 -4.25	59.44 1.39 -2.98	46.20 0.61 -1.60	46.76 0.29 -1.71	55.95 0.42 -2.50	60.36 -0.17 -2.54	67.56 -0.12 -3.31	67.77 0.52 -3.30	60.93 0.72 -2.83	48.96 0.55 -1.73	48.32 0.64 -1.76
BLUESTONE___WT_PWR 323821	40.60 0.78 -1.29	33.99 0.36 -0.66	33.89 0.41 -0.70	36.25 0.89 -0.89	33.13 0.85 -0.67	41.34 1.38 -1.61	52.87 1.92 -2.77	60.58 2.00 -4.26	69.74 1.64 -5.65	81.43 1.62 -6.87	90.46 2.48 -6.91	97.77 3.39 -5.62	90.08 3.24 -4.65	90.78 3.61 -4.70	61.34 2.97 -3.30	47.75 1.98 -1.77	47.66 1.00 -1.89	57.90 2.10 -2.77	63.60 2.79 -2.82	71.14 3.10 -3.67	70.73 3.11 -3.66	63.49 2.97 -3.15	50.81 2.20 -1.92	49.97 2.10 -1.95
BLUE_CIRC_CHEM_DRP 24182	37.12 -0.94 0.46	32.17 -0.75 0.05	32.06 -0.72 0.00	33.71 -0.76 0.00	30.95 -0.67 0.00	37.45 -0.90 0.00	46.38 -1.17 0.63	52.34 -1.41 0.57	60.58 -1.67 0.19	70.05 -2.03 0.86	77.97 -2.33 0.77	85.48 -2.55 0.73	78.56 -2.42 1.20	79.29 -2.36 0.83	52.84 -1.56 0.67	42.86 -1.12 0.02	43.47 -1.04 0.26	51.60 -1.37 0.07	56.55 -1.44 0.00	62.67 -1.70 0.00	61.29 -1.66 1.01	55.55 -1.52 0.30	45.77 -0.91 0.00	45.81 -0.11 0.00
BOC_GAS_DRP 24189	37.84 -0.24 0.44	32.75 -0.17 0.05	32.61 -0.17 0.00	34.28 -0.19 0.00	31.47 -0.14 0.00	38.08 -0.27 0.00	47.13 -0.44 0.61	53.20 -0.57 0.55	61.59 -0.67 0.19	71.28 -0.82 0.83	79.35 -0.98 0.74	87.05 -0.99 0.71	80.05 -0.97 1.16	80.76 -0.91 0.80	53.85 -0.56 0.64	43.67 -0.31 0.02	44.32 -0.20 0.25	52.58 -0.39 0.07	57.59 -0.40 0.00	63.87 -0.50 0.00	62.44 -0.54 0.97	56.56 -0.52 0.30	46.28 -0.40 0.00	45.73 -0.19 0.00
BOONVILLE_115KV_TB1 79983	40.13 0.93 -0.67	34.07 0.76 -0.34	33.90 0.76 -0.36	35.75 0.82 -0.47	32.74 0.78 -0.35	39.88 0.68 -0.84	51.11 1.48 -1.45	58.39 1.88 -2.20	67.57 2.21 -2.91	79.18 2.71 -3.54	87.75 3.16 -3.53	95.16 3.49 -2.92	95.49 3.06 -10.24	87.97 3.06 -2.43	58.84 2.08 -1.70	46.61 1.70 -0.91	47.53 1.77 -0.99	56.63 1.99 -1.60	61.71 2.09 -1.63	69.03 2.53 -2.12	68.61 2.54 -2.12	61.47 2.27 -1.82	49.56 1.77 -1.11	48.63 1.58 -1.13
BORALEX_4TH_BRANCH 23824	37.07 0.70 2.16	33.43 0.71 0.25	33.42 0.64 0.00	35.15 0.68 0.00	32.25 0.64 0.00	39.29 0.94 2.98	46.34 1.15 3.00	52.33 1.02 3.00	62.45 1.03 1.02	69.49 1.09 4.53	77.97 0.95 4.05	85.95 1.05 3.86	76.52 0.67 6.33	78.91 0.79 4.36	52.11 0.56 3.51	44.53 0.64 0.12	44.20 0.80 1.37	53.24 0.57 0.37	58.69 0.71 0.00	64.89 0.51 0.00	58.92 0.28 5.31	56.09 0.32 1.61	46.99 0.30 0.00	46.29 0.37 0.00
BOWLINE___1 23526	40.54 1.12 -0.88	33.86 0.78 -0.10	33.38 0.60 0.00	35.05 0.58 0.00	32.26 0.65 0.00	39.19 0.83 0.00	50.13 0.73 -1.22	56.44 0.69 -1.43	63.59 0.65 -0.49	75.95 0.86 -2.16	84.04 1.04 -1.92	92.04 1.45 -1.83	86.61 1.42 -3.01	85.91 1.37 -2.07	57.77 1.04 -1.67	45.16 1.11 -0.06	46.92 1.49 -0.65	55.00 1.80 -0.17	60.03 2.04 0.00	66.63 2.25 0.00	68.30 1.82 -2.52	59.42 1.27 -0.77	47.66 0.98 0.00	47.10 1.19 0.00
BOWLINE___2 23595	40.51 1.10 -0.88	33.84 0.76 -0.10	33.36 0.58 0.00	35.04 0.57 0.00	32.25 0.64 0.00	39.18 0.82 0.00	50.11 0.71 -1.22	56.42 0.67 -1.43	63.56 0.63 -0.49	75.92 0.83 -2.16	84.02 1.03 -1.92	92.01 1.42 -1.83	86.57 1.38 -3.01	85.88 1.33 -2.07	57.75 1.01 -1.67	45.15 1.09 -0.06	46.89 1.47 -0.65	54.98 1.78 -0.17	60.01 2.02 0.00	66.61 2.23 0.00	68.29 1.80 -2.52	59.41 1.27 -0.77	47.64 0.96 0.00	47.08 1.16 0.00
BRADY___115KV_TB2 356060	39.68 1.16 0.00	34.03 1.06 0.00	33.85 1.07 0.00	35.62 1.15 0.00	32.66 1.05 0.00	39.66 1.30 0.00	50.24 2.06 0.00	56.75 2.43 0.00	65.09 2.64 0.00	75.78 2.85 0.00	84.53 3.46 0.00	92.06 3.31 0.00	155.70 3.60 -69.91	85.79 3.31 0.00	57.13 2.06 0.00	45.49 1.49 0.00	46.12 1.35 0.00	54.60 1.57 0.00	59.79 1.80 0.00	66.46 2.08 0.00	66.17 2.21 0.00	59.49 2.11 0.00	48.50 1.81 0.00	47.50 1.58 0.00
BRANSCOMB___SOLAR 323811	38.42 0.94 1.06	33.73 0.87 0.12	33.62 0.84 0.00	35.37 0.89 0.00	32.43 0.82 0.00	39.44 1.09 0.00	48.13 1.40 1.45	54.36 1.47 1.43	63.53 1.57 0.49	72.51 1.73 2.16	80.97 1.83 1.93	89.03 2.11 1.84	80.90 1.73 3.01	82.24 1.84 2.08	54.61 1.22 1.67	45.06 1.12 0.06	45.41 1.29 0.65	54.26 1.40 0.17	59.59 1.61 0.00	65.95 1.57 0.00	62.83 1.40 2.53	58.10 1.49 0.77	47.84 1.15 0.00	47.04 1.12 0.00
BRDGHMPT_69_KV_BK1 55812	41.09 2.06 -0.50	30.46 1.51 4.03	33.81 1.13 0.10	35.52 1.06 0.00	32.19 1.14 0.57	36.25 1.65 3.76	46.93 0.16 1.40	46.84 -0.63 6.85	47.00 -0.83 14.63	47.26 -0.62 25.06	44.05 -0.13 36.89	44.40 0.06 44.41	41.60 0.13 40.71	12.83 0.19 69.83	12.31 0.18 42.94	12.05 0.49 32.43	12.32 0.88 33.33	13.05 1.00 40.98	12.24 1.25 47.00	25.74 1.39 40.02	22.14 0.94 42.75	32.02 0.34 25.70	45.44 0.21 1.45	46.36 0.50 0.05

CORONA__69_KV_TB1 355595	46.87 1.87 -6.47	86.77 1.41 -52.39	35.06 1.07 -1.21	35.51 1.00 -0.05	39.58 1.11 -6.86	85.18 1.62 -45.21	82.93 0.98 -33.77	69.19 0.89 -13.97	79.59 0.84 -16.30	91.93 1.09 -17.90	84.90 1.45 -2.38	92.68 2.01 -1.91	87.32 1.93 -3.21	87.42 1.90 -3.05	84.41 1.41 -27.94	68.64 1.44 -23.20	78.90 1.82 -32.31	115.88 2.15 -60.69	60.42 2.43 0.00	93.53 2.76 -26.39	71.58 2.32 -5.31	61.14 1.64 -2.12	48.70 1.35 -0.67	47.58 1.66 0.00
CORTLAND__115KV_TB3 80093	41.20 0.81 -1.86	34.54 0.62 -0.96	34.35 0.56 -1.01	36.38 0.62 -1.29	33.17 0.59 -0.97	41.53 0.84 -2.34	53.46 1.28 -4.01	61.99 1.60 -6.08	72.37 1.86 -8.06	85.04 2.30 -9.80	93.68 2.88 -9.73	99.67 2.84 -8.07	93.30 2.32 -8.79	91.66 2.45 -6.73	61.48 1.70 -4.71	47.85 1.33 -2.52	48.83 1.36 -2.71	58.68 1.63 -4.01	63.77 1.71 -4.08	71.71 2.02 -5.31	71.24 1.99 -5.29	63.63 1.70 -4.55	50.68 1.22 -2.78	49.83 1.09 -2.82
COXSACKIE__GT 23611	38.67 0.46 0.32	33.34 0.40 0.04	33.17 0.38 0.00	34.87 0.40 0.00	32.01 0.39 0.00	38.86 0.50 0.00	48.71 0.95 0.42	55.29 1.31 0.33	63.88 1.55 0.11	74.18 1.75 0.51	82.52 1.90 0.45	89.41 1.09 0.43	83.35 1.87 0.70	83.99 1.99 0.48	55.80 1.12 0.39	44.85 0.87 0.01	45.77 1.15 0.15	54.31 1.32 0.04	59.55 1.56 0.00	65.89 1.52 0.00	64.87 1.50 0.59	58.37 1.17 0.18	47.49 0.80 0.00	46.79 0.87 0.00
CPV_VALLEY__CC1 323721	39.85 0.61 -0.72	33.45 0.40 -0.08	33.06 0.28 0.00	34.74 0.27 0.00	31.95 0.34 0.00	38.76 0.41 0.00	49.42 0.24 -1.00	55.77 0.21 -1.24	63.01 0.14 -0.42	75.04 0.24 -1.86	83.05 0.31 -1.67	90.96 0.61 -1.59	85.40 0.62 -2.60	84.84 0.57 -1.79	57.00 0.49 -1.44	44.71 0.66 -0.05	46.30 0.97 -0.56	54.31 1.13 -0.15	59.29 1.30 0.00	65.79 1.42 0.00	67.23 1.10 -2.18	58.75 0.71 -0.66	47.21 0.52 0.00	46.61 0.69 0.00
CPV_VALLEY__CC2 323722	39.85 0.61 -0.72	33.45 0.40 -0.08	33.06 0.28 0.00	34.74 0.27 0.00	31.95 0.34 0.00	38.76 0.41 0.00	49.42 0.24 -1.00	55.77 0.21 -1.24	63.01 0.14 -0.42	75.04 0.24 -1.86	83.05 0.31 -1.67	90.96 0.61 -1.59	85.40 0.62 -2.60	84.84 0.57 -1.79	57.00 0.49 -1.44	44.71 0.66 -0.05	46.30 0.97 -0.56	54.31 1.13 -0.15	59.29 1.30 0.00	65.79 1.42 0.00	67.23 1.10 -2.18	58.75 0.71 -0.66	47.21 0.52 0.00	46.61 0.69 0.00
CRESCENT__HYD 24018	37.72 0.42 1.24	33.26 0.43 0.14	33.16 0.38 0.00	34.87 0.40 0.00	32.01 0.39 0.00	38.87 0.52 0.00	47.09 0.62 1.71	53.17 0.54 1.69	62.41 0.54 0.58	70.95 0.56 2.55	79.30 0.51 2.28	87.21 0.62 2.17	79.00 0.37 3.56	80.51 0.49 2.45	53.46 0.37 1.97	44.36 0.43 0.06	44.54 0.54 0.77	53.22 0.39 0.20	58.53 0.54 0.00	64.77 0.40 0.00	61.17 0.20 2.99	56.79 0.31 0.91	46.94 0.26 0.00	46.27 0.35 0.00
CRICKET__VALLEY_CC1 323756	22.92 0.36 15.96	31.40 0.25 1.82	32.92 0.14 0.00	34.59 0.13 0.00	31.79 0.18 0.00	38.56 0.20 0.00	26.35 -0.05 21.77	31.76 -0.15 22.41	54.53 -0.27 7.65	38.78 -0.30 33.85	50.54 -0.30 30.24	59.84 -0.09 28.82	34.85 -0.06 47.27	49.88 -0.05 32.55	28.92 0.07 26.21	43.47 0.34 0.87	35.14 0.62 10.24	50.95 0.65 2.73	58.76 0.80 0.03	65.23 0.86 0.00	24.81 0.51 39.66	45.58 0.25 12.05	46.92 0.23 0.00	46.31 0.39 0.00
CRICKET__VALLEY_CC2 323757	22.92 0.36 15.96	31.40 0.25 1.82	32.92 0.14 0.00	34.59 0.13 0.00	31.79 0.18 0.00	38.56 0.20 0.00	26.35 -0.05 21.77	31.76 -0.15 22.41	54.53 -0.27 7.65	38.78 -0.30 33.85	50.54 -0.30 30.24	59.84 -0.09 28.82	34.85 -0.06 47.27	49.88 -0.05 32.55	28.92 0.07 26.21	43.47 0.34 0.87	35.14 0.62 10.24	50.95 0.65 2.73	58.76 0.80 0.03	65.23 0.86 0.00	24.81 0.51 39.66	45.58 0.25 12.05	46.92 0.23 0.00	46.31 0.39 0.00
CRICKET__VALLEY_CC3 323758	22.92 0.36 15.96	31.40 0.25 1.82	32.92 0.14 0.00	34.59 0.13 0.00	31.79 0.18 0.00	38.56 0.20 0.00	26.35 -0.05 21.77	31.76 -0.15 22.41	54.53 -0.27 7.65	38.78 -0.30 33.85	50.54 -0.30 30.24	59.84 -0.09 28.82	34.85 -0.06 47.27	49.88 -0.05 32.55	28.92 0.07 26.21	43.47 0.34 0.87	35.14 0.62 10.24	50.95 0.65 2.73	58.76 0.80 0.03	65.23 0.86 0.00	24.81 0.51 39.66	45.58 0.25 12.05	46.92 0.23 0.00	46.31 0.39 0.00
CRUCIBLE__METL_DRP 24180	41.49 -0.03 -2.99	34.40 -0.10 -1.54	34.30 -0.10 -1.62	36.46 -0.08 -2.07	33.12 -0.04 -1.56	42.14 0.04 -3.75	54.67 0.06 -6.43	64.23 0.17 -9.74	75.57 0.20 -12.92	88.87 0.22 -15.71	97.23 0.39 -15.78	102.03 0.33 -12.95	94.40 0.15 -12.06	93.50 0.23 -10.79	62.81 0.19 -7.55	48.15 0.11 -4.04	49.21 0.11 -4.33	59.54 0.18 -6.33	64.52 0.10 -6.43	72.95 0.19 -8.38	72.50 0.19 -8.35	64.67 0.12 -7.18	51.09 0.02 -4.39	50.38 0.01 -4.45
DAHOWA__HYDRO 323763	38.60 1.08 1.01	33.86 1.01 0.12	33.75 0.97 0.00	35.50 1.03 0.00	32.56 0.95 0.00	39.62 1.26 0.00	48.44 1.65 1.39	54.71 1.76 1.37	63.87 1.88 0.47	72.98 2.11 2.07	81.43 2.21 1.84	89.55 2.55 1.76	81.44 2.14 2.88	82.71 2.23 1.99	54.92 1.45 1.60	45.28 1.34 0.05	45.65 1.51 0.62	54.53 1.67 0.17	59.88 1.89 0.00	66.27 1.89 0.00	63.24 1.71 2.42	58.45 1.81 0.73	48.07 1.39 0.00	47.24 1.32 0.00
DANC__LFGE 323619	41.46 0.61 -2.33	34.65 0.49 -1.20	34.56 0.52 -1.26	36.66 0.57 -1.61	33.47 0.64 -1.21	41.70 0.43 -2.92	54.42 1.23 -5.01	63.68 1.77 -7.59	74.65 2.12 -10.07	87.92 2.74 -12.24	96.49 3.14 -12.28	102.19 3.36 -10.08	102.67 2.96 -17.52	93.90 3.02 -8.41	63.02 2.07 -5.88	48.83 1.68 -3.15	49.81 1.61 -3.43	60.50 1.48 -5.99	65.59 1.52 -6.09	74.30 1.99 -7.93	73.97 2.11 -7.91	66.11 1.94 -6.80	52.34 1.51 -4.15	51.44 1.31 -4.21
DANSKAMMER__1 23586	40.62 1.32 -0.78	34.07 1.00 -0.10	33.64 0.86 0.00	35.34 0.87 0.00	32.49 0.88 0.00	39.44 1.09 0.00	50.53 1.14 -1.21	56.96 1.25 -1.40	64.28 1.36 -0.48	76.76 1.71 -2.11	84.91 1.95 -1.89	92.95 2.39 -1.80	87.41 2.28 -2.95	86.78 2.27 -2.03	58.34 1.64 -1.64	45.64 1.59 -0.05	47.32 1.92 -0.64	55.47 2.27 -0.17	60.53 2.54 0.00	67.20 2.82 0.00	68.87 2.44 -2.48	60.02 1.89 -0.75	48.13 1.45 0.00	47.45 1.53 0.00
DANSKAMMER__2 23589	40.62 1.32 -0.78	34.07 1.00 -0.10	33.64 0.86 0.00	35.34 0.87 0.00	32.49 0.88 0.00	39.44 1.09 0.00	50.53 1.14 -1.21	56.96 1.25 -1.40	64.28 1.36 -0.48	76.76 1.71 -2.11	84.91 1.95 -1.89	92.95 2.39 -1.80	87.41 2.28 -2.95	86.78 2.27 -2.03	58.34 1.64 -1.64	45.64 1.59 -0.05	47.32 1.92 -0.64	55.47 2.27 -0.17	60.53 2.54 0.00	67.20 2.82 0.00	68.87 2.44 -2.48	60.02 1.89 -0.75	48.13 1.45 0.00	47.45 1.53 0.00
DANSKAMMER__3 23590	40.62 1.32 -0.78	34.07 1.00 -0.10	33.64 0.86 0.00	35.34 0.87 0.00	32.49 0.88 0.00	39.44 1.09 0.00	50.53 1.14 -1.21	56.96 1.25 -1.40	64.28 1.36 -0.48	76.76 1.71 -2.11	84.91 1.95 -1.89	92.95 2.39 -1.80	87.41 2.28 -2.95	86.78 2.27 -2.03	58.34 1.64 -1.64	45.64 1.59 -0.05	47.32 1.92 -0.64	55.47 2.27 -0.17	60.53 2.54 0.00	67.20 2.82 0.00	68.87 2.44 -2.48	60.02 1.89 -0.75	48.13 1.45 0.00	47.45 1.53 0.00

DANSKAMMER___4 23591	40.62 1.32 -0.78	34.07 1.00 -0.10	33.64 0.86 0.00	35.34 0.87 0.00	32.49 0.88 0.00	39.44 1.09 0.00	50.53 1.14 -1.21	56.96 1.25 -1.40	64.28 1.36 -0.48	76.76 1.71 -2.11	84.91 1.95 -1.89	92.95 2.39 -1.80	87.41 2.28 -2.95	86.78 2.27 -2.03	58.34 1.64 -1.64	45.64 1.59 -0.05	47.32 1.92 -0.64	55.47 2.27 -0.17	60.53 2.54 0.00	67.20 2.82 0.00	68.87 2.44 -2.48	60.02 1.89 -0.75	48.13 1.45 0.00	47.45 1.53 0.00
DANSKAMMER___DIESEL 23592	40.62 1.32 -0.78	34.07 1.00 -0.10	33.64 0.86 0.00	35.33 0.87 0.00	32.49 0.88 0.00	39.44 1.09 0.00	50.53 1.14 -1.21	57.01 1.29 -1.40	64.34 1.42 -0.48	76.82 1.77 -2.11	84.94 1.99 -1.89	92.96 2.41 -1.80	87.43 2.29 -2.95	86.80 2.29 -2.03	58.34 1.64 -1.64	45.64 1.59 -0.05	47.32 1.91 -0.64	55.47 2.27 -0.17	60.52 2.53 0.00	67.20 2.82 0.00	68.90 2.46 -2.48	60.02 1.89 -0.75	48.13 1.45 0.00	47.45 1.53 0.00
DARBY___SOLAR 323810	38.41 0.93 1.05	33.72 0.87 0.12	33.61 0.83 0.00	35.36 0.89 0.00	32.43 0.82 0.00	39.43 1.08 0.00	48.12 1.39 1.45	54.36 1.47 1.43	63.51 1.55 0.49	72.51 1.73 2.15	80.94 1.79 1.92	88.99 2.07 1.83	80.90 1.73 3.01	82.22 1.82 2.07	54.60 1.20 1.67	45.05 1.11 0.06	45.39 1.27 0.65	54.25 1.39 0.17	59.59 1.61 0.00	65.94 1.57 0.00	62.82 1.39 2.52	58.10 1.49 0.77	47.84 1.16 0.00	47.04 1.12 0.00
DASHVILLE___HYD 23610	39.92 0.93 -0.47	33.69 0.65 -0.06	33.33 0.55 0.00	35.01 0.54 0.00	32.18 0.57 0.00	39.01 0.66 0.00	49.57 0.67 -0.72	55.96 0.75 -0.89	63.50 0.76 -0.30	75.35 1.07 -1.34	83.47 1.21 -1.19	91.50 1.60 -1.14	85.63 1.57 -1.88	85.39 1.61 -1.30	57.30 1.19 -1.05	45.17 1.13 -0.03	46.62 1.45 -0.41	54.82 1.68 -0.11	59.77 1.78 0.00	66.38 2.00 0.00	67.35 1.82 -1.58	59.13 1.27 -0.48	47.59 0.91 0.00	46.88 0.96 0.00
DELAWARE___LFGE 323621	39.94 0.65 -0.76	33.90 0.54 -0.39	33.78 0.59 -0.41	35.62 0.63 -0.53	32.60 0.60 -0.40	39.93 0.63 -0.95	50.51 0.70 -1.63	57.74 0.86 -2.55	66.77 0.94 -3.39	78.22 1.16 -4.12	86.56 1.34 -4.15	93.76 1.63 -3.37	86.41 1.43 -2.79	86.73 1.43 -2.82	58.10 1.06 -1.98	45.98 0.92 -1.06	46.92 1.01 -1.14	55.89 1.19 -1.66	60.89 1.21 -1.69	67.91 1.34 -2.20	67.51 1.36 -2.19	60.36 1.10 -1.89	48.66 0.83 -1.15	47.96 0.87 -1.17
DERFIELD_115KV_TB7 355931	38.49 -0.04 0.00	32.94 -0.03 0.00	32.75 -0.03 0.00	34.43 -0.03 0.00	31.58 -0.03 0.00	38.29 -0.07 0.00	48.11 -0.07 0.00	54.25 -0.07 0.00	62.36 -0.09 0.00	72.83 -0.11 0.00	80.92 -0.15 0.00	88.66 -0.09 0.00	83.34 -0.13 -1.29	82.38 -0.09 0.00	55.01 -0.06 0.00	44.02 0.02 0.00	44.84 0.07 0.00	53.08 0.04 0.00	58.02 0.03 0.00	64.38 0.00 0.00	63.96 0.00 0.00	57.34 -0.03 0.00	46.64 -0.04 0.00	45.91 0.00 0.00
DOGLEVILLE___HYD 23807	38.35 -0.18 0.00	32.59 -0.38 0.00	32.32 -0.46 0.00	34.00 -0.47 0.00	31.38 -0.23 0.00	38.15 -0.20 0.00	48.05 -0.13 0.00	54.28 -0.04 0.00	62.36 -0.09 0.00	72.69 -0.25 0.00	80.78 -0.29 0.00	88.59 -0.16 0.00	83.28 -0.19 -1.29	82.27 -0.20 0.00	54.57 -0.49 0.00	44.33 0.33 0.00	45.40 0.63 0.00	53.87 0.84 0.00	58.75 0.76 0.00	64.64 0.26 0.00	63.92 -0.04 0.00	57.61 0.23 0.00	46.53 -0.15 0.00	45.99 0.07 0.00
DUNKIRK___115KV_TB_200 55889	40.90 1.23 -1.15	34.39 0.83 -0.59	34.32 0.92 -0.62	36.33 1.06 -0.80	33.06 0.84 -0.60	41.22 1.42 -1.44	51.75 1.10 -2.48	59.62 1.53 -3.77	69.26 1.80 -5.01	81.32 2.30 -6.09	89.96 2.75 -6.14	96.88 3.12 -5.01	88.47 2.14 -4.14	88.54 1.90 -4.18	59.04 1.05 -2.93	45.82 0.25 -1.56	46.51 0.06 -1.68	55.90 0.41 -2.46	60.27 -0.22 -2.50	67.60 -0.03 -3.25	67.67 0.47 -3.24	61.02 0.86 -2.79	49.21 0.82 -1.70	48.60 0.95 -1.73
DUNKIRK___1 23563	40.90 1.23 -1.15	34.39 0.83 -0.59	34.32 0.92 -0.62	36.33 1.06 -0.80	33.06 0.84 -0.60	41.22 1.42 -1.44	51.75 1.10 -2.48	59.62 1.53 -3.77	69.26 1.80 -5.01	81.32 2.30 -6.09	89.96 2.75 -6.14	96.88 3.12 -5.01	88.47 2.14 -4.14	88.54 1.90 -4.18	59.04 1.05 -2.93	45.82 0.25 -1.56	46.51 0.06 -1.68	55.90 0.41 -2.46	60.27 -0.22 -2.50	67.60 -0.03 -3.25	67.67 0.47 -3.24	61.02 0.86 -2.79	49.21 0.82 -1.70	48.60 0.95 -1.73
DUNKIRK___2 23564	40.90 1.23 -1.15	34.39 0.83 -0.59	34.32 0.92 -0.62	36.33 1.06 -0.80	33.06 0.84 -0.60	41.22 1.42 -1.44	51.75 1.10 -2.48	59.62 1.53 -3.77	69.26 1.80 -5.01	81.32 2.30 -6.09	89.96 2.75 -6.14	96.88 3.12 -5.01	88.47 2.14 -4.14	88.54 1.90 -4.18	59.04 1.05 -2.93	45.82 0.25 -1.56	46.51 0.06 -1.68	55.90 0.41 -2.46	60.27 -0.22 -2.50	67.60 -0.03 -3.25	67.67 0.47 -3.24	61.02 0.86 -2.79	49.21 0.82 -1.70	48.60 0.95 -1.73
DUNKIRK___3 23565	40.71 1.04 -1.15	34.26 0.70 -0.59	34.18 0.77 -0.62	36.16 0.90 -0.80	32.93 0.71 -0.60	41.06 1.27 -1.44	51.55 0.90 -2.47	59.31 1.22 -3.76	68.88 1.44 -5.00	80.87 1.86 -6.07	89.46 2.27 -6.12	96.33 2.59 -4.99	87.96 1.64 -4.13	88.06 1.42 -4.17	58.73 0.75 -2.92	45.65 0.09 -1.56	46.31 -0.13 -1.68	55.63 0.14 -2.45	59.97 -0.51 -2.49	67.22 -0.40 -3.24	67.31 0.13 -3.23	60.75 0.59 -2.78	49.02 0.64 -1.70	48.43 0.79 -1.72
DUNKIRK___4 23566	40.71 1.04 -1.15	34.26 0.70 -0.59	34.18 0.77 -0.62	36.16 0.90 -0.80	32.93 0.71 -0.60	41.06 1.27 -1.44	51.55 0.90 -2.47	59.31 1.22 -3.76	68.88 1.44 -5.00	80.87 1.86 -6.07	89.46 2.27 -6.12	96.33 2.59 -4.99	87.96 1.64 -4.13	88.06 1.42 -4.17	58.73 0.75 -2.92	45.65 0.09 -1.56	46.31 -0.13 -1.68	55.63 0.14 -2.45	59.97 -0.51 -2.49	67.22 -0.40 -3.24	67.31 0.13 -3.23	60.75 0.59 -2.78	49.02 0.64 -1.70	48.43 0.79 -1.72
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.87 1.40 -0.94	34.12 1.04 -0.11	33.64 0.86 0.00	35.31 0.84 0.00	32.50 0.89 0.00	39.49 1.14 0.00	50.51 1.04 -1.29	56.91 1.10 -1.49	64.16 1.20 -0.51	76.70 1.52 -2.25	84.83 1.75 -2.01	92.87 2.20 -1.91	87.43 2.11 -3.14	86.73 2.09 -2.16	58.32 1.52 -1.74	45.56 1.50 -0.06	47.31 1.86 -0.68	55.44 2.23 -0.18	60.45 2.46 0.00	67.09 2.71 0.00	68.89 2.30 -2.64	59.86 1.68 -0.80	48.01 1.33 0.00	47.43 1.51 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.40 1.11 -0.76	33.87 0.80 -0.09	33.44 0.66 0.00	35.13 0.66 0.00	32.30 0.69 0.00	39.21 0.86 0.00	50.15 0.84 -1.13	56.57 0.92 -1.33	63.89 0.99 -0.45	76.20 1.25 -2.01	84.25 1.39 -1.80	92.26 1.79 -1.71	86.71 1.71 -2.81	86.12 1.71 -1.94	57.87 1.25 -1.56	45.32 1.26 -0.05	46.99 1.61 -0.61	55.12 1.92 -0.16	60.16 2.17 0.00	66.78 2.40 0.00	68.35 2.04 -2.36	59.60 1.51 -0.72	47.83 1.15 0.00	47.17 1.26 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	40.84 1.37 -0.94	34.08 1.00 -0.11	33.57 0.79 0.00	35.23 0.76 0.00	32.46 0.85 0.00	39.44 1.08 0.00	50.39 0.92 -1.29	56.96 1.15 -1.49	64.37 1.42 -0.51	76.83 1.65 -2.25	84.72 1.64 -2.01	92.77 2.10 -1.91	87.36 2.04 -3.14	86.67 2.03 -2.16	58.29 1.48 -1.74	45.53 1.48 -0.06	47.32 1.87 -0.68	55.43 2.22 -0.18	60.35 2.36 0.00	67.04 2.66 0.00	68.78 2.18 -2.64	59.73 1.55 -0.80	47.99 1.31 0.00	47.37 1.45 0.00

FREEPORT_EQUS_GT1 23764	42.92 1.83 -2.57	49.90 1.36 -15.57	34.17 0.99 -0.40	35.40 0.91 -0.02	34.89 1.01 -2.26	54.78 1.54 -14.89	60.95 0.78 -11.99	56.33 0.54 -1.48	60.49 0.23 2.18	66.50 0.42 6.86	63.55 0.81 18.33	66.85 1.24 23.14	63.33 1.31 20.16	41.93 1.59 42.14	43.62 1.20 12.64	37.96 1.29 7.32	43.56 1.67 2.88	61.90 1.99 -6.89	36.01 2.28 24.26	58.40 2.57 8.55	46.49 2.09 19.56	46.35 1.44 12.48	47.35 1.22 0.54	47.50 1.61 0.03
FREEPORT___CT2 23818	42.92 1.83 -2.57	49.90 1.36 -15.57	34.17 0.99 -0.40	35.40 0.91 -0.02	34.89 1.01 -2.26	54.78 1.54 -14.89	60.95 0.78 -11.99	56.33 0.54 -1.48	60.49 0.23 2.18	66.50 0.42 6.86	63.55 0.81 18.33	66.85 1.24 23.14	63.33 1.31 20.16	41.93 1.59 42.14	43.62 1.20 12.64	37.96 1.29 7.32	43.56 1.67 2.88	61.90 1.99 -6.89	36.01 2.28 24.26	58.40 2.57 8.55	46.49 2.09 19.56	46.35 1.44 12.48	47.35 1.22 0.54	47.50 1.61 0.03
FRESHKLS_33_KV_LOAD 356253	41.04 1.57 -0.94	34.21 1.13 -0.11	33.62 0.84 0.00	35.28 0.81 0.00	32.47 0.85 0.00	39.51 1.16 0.00	50.52 1.04 -1.29	56.95 1.14 -1.49	63.95 0.99 -0.51	76.25 1.06 -2.25	77.86 1.12 4.33	87.46 1.59 2.88	84.91 1.60 -1.13	81.73 1.56 2.30	53.71 1.15 2.50	43.39 1.23 1.83	47.17 1.73 -0.68	55.38 2.17 -0.18	60.36 2.37 0.00	67.15 2.77 0.00	69.00 2.41 -2.64	59.80 1.62 -0.80	47.90 1.21 0.00	47.31 1.39 0.00
FULTON COGEN____ 23766	40.02 -0.22 -1.72	33.60 -0.25 -0.88	33.47 -0.24 -0.93	35.42 -0.24 -1.19	32.28 -0.22 -0.90	40.33 -0.18 -2.15	51.66 -0.21 -3.69	59.77 -0.14 -5.60	69.74 -0.14 -7.43	81.91 -0.06 -9.03	90.22 0.14 -9.01	96.12 -0.08 -7.44	89.76 -0.22 -7.80	88.50 -0.18 -6.20	59.31 -0.09 -4.34	46.25 -0.07 -2.32	47.19 -0.07 -2.50	56.77 -0.03 -3.77	61.70 -0.11 -3.83	69.26 -0.10 -4.99	68.83 -0.10 -4.97	61.58 -0.07 -4.27	49.10 -0.19 -2.61	48.37 -0.20 -2.65
FULTON___LFGE 323630	39.68 1.75 0.60	34.34 1.43 0.07	34.14 1.36 0.00	35.87 1.40 0.00	32.93 1.32 0.00	40.02 1.67 0.00	49.70 2.35 0.83	56.48 2.95 0.78	65.50 3.32 0.27	75.54 3.79 1.18	84.25 4.23 1.05	92.39 4.64 1.00	84.55 4.01 1.65	85.30 3.96 1.14	56.62 2.48 0.91	46.16 2.19 0.03	46.79 2.37 0.36	55.95 3.01 0.10	61.29 3.30 0.00	67.86 3.49 0.00	66.05 3.48 1.38	60.00 3.04 0.42	49.05 2.36 0.00	48.12 2.20 0.00
G.F.CEMENT___DRP 24184	38.76 1.18 0.94	33.97 1.11 0.11	33.85 1.07 0.00	35.60 1.14 0.00	32.65 1.03 0.00	39.76 1.40 0.00	48.73 1.85 1.30	55.05 1.99 1.27	64.14 2.13 0.43	73.44 2.41 1.91	81.83 2.47 1.71	89.97 2.85 1.63	81.94 2.43 2.67	83.16 2.52 1.84	55.18 1.60 1.48	45.43 1.48 0.05	45.88 1.69 0.58	54.78 1.91 0.15	60.15 2.17 0.00	66.52 2.14 0.00	63.66 1.95 2.24	58.89 2.20 0.68	48.35 1.67 0.00	47.45 1.53 0.00
GARDENVILLE___LBMP 24039	40.69 0.98 -1.19	34.28 0.70 -0.61	34.20 0.77 -0.64	36.14 0.85 -0.82	32.92 0.69 -0.62	41.11 1.28 -1.49	51.62 0.88 -2.55	59.28 1.08 -3.89	68.87 1.26 -5.16	80.76 1.55 -6.28	89.51 2.11 -6.33	96.24 2.33 -5.16	87.78 1.33 -4.27	87.90 1.12 -4.30	58.66 0.58 -3.02	45.61 0.00 -1.62	46.16 -0.34 -1.73	55.29 -0.27 -2.53	59.68 -0.88 -2.57	66.90 -0.83 -3.35	67.11 -0.18 -3.34	60.62 0.37 -2.87	49.06 0.62 -1.75	48.45 0.75 -1.78
GARDNVLA_35_KV_LD 355827	40.88 1.21 -1.14	34.44 0.88 -0.58	34.36 0.96 -0.62	36.30 1.04 -0.79	33.07 0.86 -0.59	41.25 1.47 -1.43	51.83 1.20 -2.45	59.57 1.52 -3.74	69.22 1.81 -4.96	81.17 2.21 -6.03	90.11 2.96 -6.08	97.03 3.31 -4.95	88.52 2.23 -4.10	88.70 2.09 -4.14	59.20 1.24 -2.90	46.04 0.49 -1.55	46.57 0.13 -1.66	55.81 0.34 -2.43	60.19 -0.27 -2.47	67.45 -0.14 -3.22	67.66 0.50 -3.21	61.10 0.97 -2.76	49.42 1.05 -1.68	48.77 1.15 -1.71
GELCKHM___115KV_LOAD 80723	40.57 -0.22 -2.26	33.88 -0.25 -1.16	33.76 -0.25 -1.22	35.79 -0.24 -1.57	32.59 -0.20 -1.18	41.02 -0.17 -2.84	52.84 -0.21 -4.87	61.54 -0.15 -7.38	72.09 -0.15 -9.79	84.70 -0.15 -11.91	93.00 0.01 -11.92	98.44 -0.13 -9.81	91.53 -0.29 -9.63	90.43 -0.23 -8.18	60.68 -0.11 -5.72	46.95 -0.11 -3.06	47.93 -0.13 -3.29	57.78 -0.13 -4.87	62.71 -0.23 -4.95	70.62 -0.21 -6.45	70.19 -0.20 -6.43	62.69 -0.22 -5.52	49.81 -0.24 -3.38	49.10 -0.24 -3.43
GENERAL___MILLS 23808	40.75 1.08 -1.15	34.35 0.79 -0.59	34.26 0.86 -0.62	36.21 0.94 -0.79	32.98 0.77 -0.60	41.16 1.37 -1.44	51.69 1.04 -2.47	59.38 1.30 -3.76	68.98 1.54 -4.99	80.91 1.91 -6.07	89.72 2.53 -6.12	96.54 2.79 -4.99	88.05 1.74 -4.13	88.23 1.59 -4.16	58.87 0.90 -2.92	45.79 0.23 -1.56	46.32 -0.13 -1.67	55.51 0.03 -2.45	59.87 -0.60 -2.49	67.07 -0.54 -3.24	67.29 0.11 -3.23	60.81 0.65 -2.78	49.20 0.82 -1.70	48.57 0.93 -1.72
GE_PLASTICS___DRP 24183	37.32 -0.66 0.55	32.38 -0.53 0.06	32.25 -0.53 0.00	33.90 -0.56 0.00	31.13 -0.48 0.00	37.68 -0.67 0.00	46.51 -0.92 0.75	52.52 -1.10 0.70	60.94 -1.27 0.24	70.36 -1.52 1.06	78.33 -1.80 0.94	85.95 -1.90 0.90	78.89 -1.81 1.47	79.72 -1.74 1.01	53.13 -1.12 0.82	43.22 -0.75 0.03	43.80 -0.65 0.32	52.00 -0.94 0.09	57.01 -0.97 0.00	63.21 -1.17 0.00	61.53 -1.19 1.24	55.89 -1.11 0.38	45.81 -0.87 0.00	45.37 -0.55 0.00
GILBOA___1 23756	38.76 0.23 0.00	33.28 0.31 0.00	33.27 0.49 0.00	34.97 0.50 0.00	32.07 0.45 0.00	38.51 0.16 0.00	48.24 0.06 0.00	54.66 0.02 -0.32	62.53 -0.03 -0.11	73.42 0.00 -0.49	81.48 -0.03 -0.44	89.27 0.09 -0.41	82.90 0.03 -0.68	83.02 0.07 -0.47	55.55 0.11 -0.38	44.24 0.23 -0.01	45.29 0.37 -0.15	53.29 0.22 -0.04	58.09 0.10 0.00	64.45 0.07 0.00	64.79 0.27 -0.57	57.74 0.19 -0.17	46.82 0.14 0.00	46.19 0.27 0.00
GILBOA___2 23757	38.76 0.23 0.00	33.28 0.31 0.00	33.27 0.49 0.00	34.97 0.50 0.00	32.07 0.45 0.00	38.51 0.16 0.00	48.24 0.06 0.00	54.66 0.02 -0.32	62.53 -0.03 -0.11	73.42 0.00 -0.49	81.48 -0.03 -0.44	89.27 0.09 -0.41	82.90 0.03 -0.68	83.02 0.07 -0.47	55.55 0.11 -0.38	44.24 0.23 -0.01	45.29 0.37 -0.15	53.29 0.22 -0.04	58.09 0.10 0.00	64.45 0.07 0.00	64.79 0.27 -0.57	57.74 0.19 -0.17	46.82 0.14 0.00	46.19 0.27 0.00
GILBOA___3 23758	38.76 0.23 0.00	33.28 0.31 0.00	33.27 0.49 0.00	34.97 0.50 0.00	32.07 0.45 0.00	38.51 0.16 0.00	48.24 0.06 0.00	54.66 0.02 -0.32	62.53 -0.03 -0.11	73.42 0.00 -0.49	81.48 -0.03 -0.44	89.27 0.09 -0.41	82.90 0.03 -0.68	83.02 0.07 -0.47	55.55 0.11 -0.38	44.24 0.23 -0.01	45.29 0.37 -0.15	53.29 0.22 -0.04	58.09 0.10 0.00	64.45 0.07 0.00	64.79 0.27 -0.57	57.74 0.19 -0.17	46.82 0.14 0.00	46.19 0.27 0.00
GILBOA___4 23759	38.76 0.23 0.00	33.28 0.31 0.00	33.27 0.49 0.00	34.97 0.50 0.00	32.07 0.45 0.00	38.51 0.16 0.00	48.24 0.06 0.00	54.66 0.02 -0.32	62.53 -0.03 -0.11	73.42 0.00 -0.49	81.48 -0.03 -0.44	89.27 0.09 -0.41	82.90 0.03 -0.68	83.02 0.07 -0.47	55.55 0.11 -0.38	44.24 0.23 -0.01	45.29 0.37 -0.15	53.29 0.22 -0.04	58.09 0.10 0.00	64.45 0.07 0.00	64.79 0.27 -0.57	57.74 0.19 -0.17	46.82 0.14 0.00	46.19 0.27 0.00

GOUDEY___7 23579	40.26 0.24 -1.49	33.86 0.12 -0.76	33.79 0.20 -0.81	35.76 0.26 -1.03	32.59 0.20 -0.78	40.52 0.30 -1.87	51.57 0.18 -3.21	59.64 0.41 -4.91	69.43 0.47 -6.52	81.53 0.68 -7.92	89.69 0.63 -7.99	96.06 0.80 -6.50	88.16 0.60 -5.38	88.52 0.61 -5.43	59.29 0.41 -3.81	46.28 0.24 -2.04	47.27 0.32 -2.19	56.77 0.55 -3.20	61.47 0.24 -3.25	69.00 0.40 -4.23	68.66 0.49 -4.22	61.44 0.44 -3.63	49.15 0.25 -2.22	48.45 0.28 -2.25
GOUDEY___8 23580	40.26 0.24 -1.49	33.86 0.12 -0.76	33.79 0.20 -0.81	35.76 0.26 -1.03	32.59 0.20 -0.78	40.52 0.30 -1.87	51.57 0.18 -3.21	59.64 0.41 -4.91	69.43 0.47 -6.52	81.53 0.68 -7.92	89.69 0.63 -7.99	96.06 0.80 -6.50	88.16 0.60 -5.38	88.52 0.61 -5.43	59.29 0.41 -3.81	46.28 0.24 -2.04	47.27 0.32 -2.19	56.77 0.55 -3.20	61.47 0.24 -3.25	69.00 0.40 -4.23	68.66 0.49 -4.22	61.44 0.44 -3.63	49.15 0.25 -2.22	48.45 0.28 -2.25
GOWANUS_GT1_1 24077	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.17 -1.29	57.12 1.31 -1.49	64.26 1.30 -0.51	76.66 1.47 -2.25	84.69 1.61 -2.01	92.76 2.09 -1.91	87.37 2.05 -3.14	86.67 2.04 -2.16	58.28 1.47 -1.74	45.54 1.49 -0.06	47.37 1.92 -0.68	55.56 2.35 -0.18	60.53 2.54 0.00	67.28 2.90 0.00	69.02 2.43 -2.64	59.90 1.72 -0.80	48.03 1.35 0.00	47.46 1.55 0.00
GOWANUS_GT1_2 24078	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.17 -1.29	57.12 1.31 -1.49	64.26 1.30 -0.51	76.66 1.47 -2.25	84.69 1.61 -2.01	92.76 2.09 -1.91	87.37 2.05 -3.14	86.67 2.04 -2.16	58.28 1.47 -1.74	45.54 1.49 -0.06	47.37 1.92 -0.68	55.56 2.35 -0.18	60.53 2.54 0.00	67.28 2.90 0.00	69.02 2.43 -2.64	59.90 1.72 -0.80	48.03 1.35 0.00	47.46 1.55 0.00
GOWANUS_GT1_3 24079	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.17 -1.29	57.12 1.31 -1.49	64.26 1.30 -0.51	76.66 1.47 -2.25	84.69 1.61 -2.01	92.76 2.09 -1.91	87.37 2.05 -3.14	86.67 2.04 -2.16	58.28 1.47 -1.74	45.54 1.49 -0.06	47.37 1.92 -0.68	55.56 2.35 -0.18	60.53 2.54 0.00	67.28 2.90 0.00	69.02 2.43 -2.64	59.90 1.72 -0.80	48.03 1.35 0.00	47.46 1.55 0.00
GOWANUS_GT1_4 24080	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.17 -1.29	57.12 1.31 -1.49	64.26 1.30 -0.51	76.66 1.47 -2.25	84.69 1.61 -2.01	92.76 2.09 -1.91	87.37 2.05 -3.14	86.67 2.04 -2.16	58.28 1.47 -1.74	45.54 1.49 -0.06	47.37 1.92 -0.68	55.56 2.35 -0.18	60.53 2.54 0.00	67.28 2.90 0.00	69.02 2.43 -2.64	59.90 1.72 -0.80	48.03 1.35 0.00	47.46 1.55 0.00
GOWANUS_GT1_5 24084	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.17 -1.29	57.12 1.31 -1.49	64.26 1.30 -0.51	76.66 1.47 -2.25	84.69 1.61 -2.01	92.76 2.09 -1.91	87.37 2.05 -3.14	86.67 2.04 -2.16	58.28 1.47 -1.74	45.54 1.49 -0.06	47.37 1.92 -0.68	55.56 2.35 -0.18	60.53 2.54 0.00	67.28 2.90 0.00	69.02 2.43 -2.64	59.90 1.72 -0.80	48.03 1.35 0.00	47.46 1.55 0.00
GOWANUS_GT1_6 24111	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00																				

GOWANUS_GT2_6 24119	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00
GOWANUS_GT2_7 24120	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00
GOWANUS_GT2_8 24121	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00
GOWANUS_GT3_1 24122	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00
GOWANUS_GT3_2 24123	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00
GOWANUS_GT3_3 24124	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00
GOWANUS_GT3_4 24125	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00
GOWANUS_GT3_5 24126	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96																			

HISHELDN_WT_PWR 323625	40.56 0.79 -1.25	34.17 0.56 -0.64	34.12 0.66 -0.68	36.06 0.73 -0.87	32.82 0.56 -0.65	40.98 1.06 -1.57	51.54 0.67 -2.69	59.44 1.02 -4.10	69.12 1.24 -5.44	81.04 1.50 -6.61	89.44 1.71 -6.66	95.99 1.80 -5.43	87.65 0.98 -4.50	87.77 0.77 -4.53	58.53 0.29 -3.18	45.41 -0.29 -1.70	46.05 -0.54 -1.82	55.14 -0.56 -2.67	59.62 -1.08 -2.71	67.00 -0.91 -3.53	67.15 -0.32 -3.52	60.46 0.06 -3.02	48.87 0.35 -1.85	48.24 0.44 -1.88
HOLTSVILLE_IC_1 23690	40.38 1.36 -0.50	29.81 0.93 4.09	33.26 0.58 0.10	34.93 0.47 0.00	31.65 0.62 0.58	35.67 1.14 3.82	46.71 -0.02 1.45	46.93 -0.51 6.88	47.12 -0.65 14.67	47.29 -0.52 25.13	43.93 -0.18 36.96	44.45 0.20 44.51	41.65 0.27 40.80	12.81 0.31 69.97	12.28 0.27 43.05	12.04 0.59 32.54	12.27 0.96 33.46	12.91 1.06 41.18	12.22 1.33 47.10	25.63 1.41 40.16	22.10 0.99 42.85	32.12 0.49 25.75	45.66 0.44 1.46	46.72 0.85 0.05
HOLTSVILLE_IC_10 23699	40.61 1.56 -0.53	30.25 1.10 3.82	33.42 0.73 0.09	35.10 0.63 0.00	31.85 0.77 0.54	36.14 1.34 3.55	47.17 0.25 1.26	47.39 -0.18 6.75	47.74 -0.23 14.48	48.11 0.00 24.83	44.84 0.40 36.63	45.56 0.92 44.11	42.66 0.91 40.43	14.04 0.92 69.36	13.16 0.65 42.55	12.81 0.89 32.08	13.15 1.27 32.89	14.18 1.44 40.30	13.04 1.75 46.69	26.69 1.90 39.58	23.00 1.49 42.44	32.79 0.93 25.52	46.02 0.78 1.44	47.04 1.17 0.05
HOLTSVILLE_IC_2 23691	40.38 1.36 -0.50	29.81 0.93 4.09	33.26 0.58 0.10	34.93 0.47 0.00	31.65 0.62 0.58	35.67 1.14 3.82	46.71 -0.02 1.45	46.93 -0.51 6.88	47.12 -0.65 14.67	47.29 -0.52 25.13	43.93 -0.18 36.96	44.45 0.20 44.51	41.65 0.27 40.80	12.81 0.31 69.97	12.28 0.27 43.05	12.04 0.59 32.54	12.27 0.96 33.46	12.91 1.06 41.18	12.22 1.33 47.10	25.63 1.41 40.16	22.10 0.99 42.85	32.12 0.49 25.75	45.66 0.44 1.46	46.72 0.85 0.05
HOLTSVILLE_IC_3 23692	40.38 1.36 -0.50	29.81 0.93 4.09	33.26 0.58 0.10	34.93 0.47 0.00	31.65 0.62 0.58	35.67 1.14 3.82	46.71 -0.02 1.45	46.93 -0.51 6.88	47.12 -0.65 14.67	47.29 -0.52 25.13	43.93 -0.18 36.96	44.45 0.20 44.51	41.65 0.27 40.80	12.81 0.31 69.97	12.28 0.27 43.05	12.04 0.59 32.54	12.27 0.96 33.46	12.91 1.06 41.18	12.22 1.33 47.10	25.63 1.41 40.16	22.10 0.99 42.85	32.12 0.49 25.75	45.66 0.44 1.46	46.72 0.85 0.05
HOLTSVILLE_IC_4 23693	40.38 1.36 -0.50	29.81 0.93 4.09	33.26 0.58 0.10	34.93 0.47 0.00	31.65 0.62 0.58	35.67 1.14 3.82	46.71 -0.02 1.45	46.93 -0.51 6.88	47.12 -0.65 14.67	47.29 -0.52 25.13	43.93 -0.18 36.96	44.45 0.20 44.51	41.65 0.27 40.80	12.81 0.31 69.97	12.28 0.27 43.05	12.04 0.59 32.54	12.27 0.96 33.46	12.91 1.06 41.18	12.22 1.33 47.10	25.63 1.41 40.16	22.10 0.99 42.85	32.12 0.49 25.75	45.66 0.44 1.46	46.72 0.85 0.05
HOLTSVILLE_IC_5 23694	40.38 1.36 -0.50	29.81 0.93 4.09	33.26 0.58 0.10	34.93 0.47 0.00	31.65 0.62 0.58	35.67 1.14 3.82	46.71 -0.02 1.45	46.93 -0.51 6.88	47.12 -0.65 14.67	47.29 -0.52 25.13	43.93 -0.18 36.96	44.45 0.20 44.51	41.65 0.27 40.80	12.81 0.31 69.97	12.28 0.27 43.05	12.04 0.59 32.54	12.27 0.96 33.46	12.91 1.06 41.18	12.22 1.33 47.10	25.63 1.41 40.16	22.10 0.99 42.85	32.12 0.49 25.75	45.66 0.44 1.46	46.72 0.85 0.05
HOLTSVILLE_IC_6 23695	40.61 1.56 -0.53	30.25 1.10 3.82	33.42 0.73 0.09	35.10 0.63 0.00	31.85 0.77 0.54	36.14 1.34 3.55	47.17 0.25 1.26	47.39 -0.18 6.75	47.74 -0.23 14.48	48.11 0.00 24.83	44.84 0.40 36.63	45.56 0.92 44.11	42.66 0.91 40.43	14.04 0.92 69.36	13.16 0.65 42.55	12.81 0.89 32.08	13.15 1.27 32.89	14.18 1.44 40.30	13.04 1.75 46.69	26.69 1.90 39.58	23.00 1.49 42.44	32.79 0.93 25.52	46.02 0.78 1.44	47.04 1.17 0.05
HOLTSVILLE_IC_7 23696	40.61 1.56 -0.53	30.25 1.10 3.82	33.42 0.73 0.09	35.10 0.63 0.00	31.85 0.77 0.54	36.14 1.34 3.55	47.17 0.25 1.26	47.39 -0.18 6.75	47.74 -0.23 14.48	48.11 0.00 24.83	44.84 0.40 36.63	45.56 0.92 44.11	42.66 0.91 40.43	14.04 0.92 69.36	13.16 0.65 42.55	12.81 0.89 32.08	13.15 1.27 32.89	14.18 1.44 40.30	13.04 1.75 46.69	26.69 1.90 39.58	23.00 1.49 42.44	32.79 0.93 25.52	46.02 0.78 1.44	47.04 1.17 0.05
HOLTSVILLE_IC_8 23697	40.61 1.56 -0.53	30.25 1.10 3.82	33.42 0.73 0.09	35.10 0.63 0.00	31.85 0.77 0.54	36.14 1.34 3.55	47.17 0.25 1.26	47.39 -0.18 6.75	47.74 -0.23 14.48	48.11 0.00 24.83	44.84 0.40 36.63	45.56 0.92 44.11	42.66 0.91 40.43	14.04 0.92 69.36	13.16 0.65 42.55	12.81 0.89 32.08	13.15 1.27 32.89	14.18 1.44 40.30	13.04 1.75 46.69	26.69 1.90 39.58	23.00 1.49 42.44	32.79 0.93 25.52	46.02 0.78 1.44	47.04 1.17 0.05
HOLTSVILLE_IC_9 23698	40.61 1.56 -0.53	30.25 1.10 3.82	33.42 0.73 0.09	35.10 0.63 0.00	31.85 0.77 0.54	36.14 1.34 3.55	47.17 0.25 1.26	47.39 -0.18 6.75	47.74 -0.23 14.48	48.11 0.00 24.83	44.84 0.40 36.63	45.56 0.92 44.11	42.66 0.91 40.43	14.04 0.92 69.36	13.16 0.65 42.55	12.81 0.89 32.08	13.15 1.27 32.89	14.18 1.44 40.30	13.04 1.75 46.69	26.69 1.90 39.58	23.00 1.49 42.44	32.79 0.93 25.52	46.02 0.78 1.44	47.04 1.17 0.05
HOMER_HL_115KV_TB2 355744	40.40 0.69 -1.18	34.03 0.46 -0.61	33.95 0.53 -0.64	35.89 0.60 -0.82	32.75 0.52 -0.62	40.91 1.07 -1.48	51.58 0.85 -2.55	59.32 1.11 -3.89	68.74 1.13 -5.16	80.73 1.51 -6.28	89.06 1.67 -6.33	95.87 1.96 -5.16	87.37 0.91 -4.27	87.42 0.64 -4.30	58.25 0.17 -3.02	45.44 -0.17 -1.62	46.01 -0.49 -1.73	55.35 -0.21 -2.53	59.90 -0.65 -2.57	67.16 -0.56 -3.34	67.28 -0.01 -3.33	60.69 0.45 -2.87	48.81 0.38 -1.75	48.01 0.32 -1.78
HOWARD_WT_PWR 323690	41.36 1.29 -1.55	34.76 0.99 -0.79	34.75 1.13 -0.84	36.60 1.06 -1.07	33.06 0.64 -0.81	41.45 1.16 -1.94	52.63 1.12 -3.33	61.36 1.96 -5.08	71.55 2.35 -6.75	83.95 2.82 -8.20	91.65 2.32 -8.25	97.86 2.38 -6.73	89.43 1.68 -5.57	89.79 1.69 -5.62	59.72 0.72 -3.94	46.18 0.07 -2.11	47.01 -0.02 -2.26	55.92 -0.42 -3.31	60.96 -0.39 -3.36	69.25 0.50 -4.38	68.92 0.60 -4.37	61.50 0.37 -3.75	49.48 0.51 -2.29	48.28 0.04 -2.33
HQ_GEN_CEDARS 23644	39.17 0.64 0.00	33.60 0.63 0.00	33.42 0.64 0.00	35.15 0.68 0.00	32.21 0.60 0.00	39.09 0.74 0.00	49.51 1.33 0.00	55.87 1.55 0.00	64.15 1.71 0.00	74.90 1.97 0.00	83.45 2.38 0.00	90.91 2.16 0.00	159.52 2.56 -74.78	84.69 2.22 0.00	56.37 1.30 0.00	44.84 0.84 0.00	45.49 0.71 0.00	53.87 0.84 0.00	58.92 0.93 0.00	65.44 1.06 0.00	65.16 1.21 0.00	58.61 1.23 0.00	47.80 1.12 0.00	46.85 0.94 0.00
HQ_GEN_CEDARS_PROXY 323590	39.17 0.64 0.00	33.60 0.63 0.00	33.42 0.64 0.00	35.15 0.68 0.00	32.27 0.60 -0.05	39.23 0.74 -0.14	49.51 1.33 0.00	55.87 1.55 0.00	64.15 1.71 0.00	74.91 1.97 0.00	83.47 2.40 0.00	90.93 2.17 0.00	159.54 2.58 -74.78	84.74 2.27 0.00	56.37 1.30 0.00	42.57 0.84 2.26	45.48 0.71 0.00	53.87 0.83 0.00	58.92 0.93 0.00	65.44 1.06 0.00	65.16 1.21 0.00	58.61 1.23 0.00	47.80 1.12 0.00	46.85 0.94 0.00

HYLAND___LFGE 323620	42.42 2.59 -1.30	35.75 2.11 -0.67	35.64 2.15 -0.71	37.63 2.27 -0.90	34.29 2.00 -0.68	42.85 2.87 -1.63	54.55 3.56 -2.80	63.16 4.58 -4.27	73.28 5.17 -5.66	85.65 5.83 -6.88	94.03 6.03 -6.93	100.66 6.25 -5.66	92.26 5.40 -4.68	91.72 4.53 -4.72	60.76 2.38 -3.31	47.11 1.34 -1.77	48.28 1.62 -1.90	58.59 2.78 -2.77	63.83 3.02 -2.82	72.28 4.23 -3.67	72.24 4.62 -3.66	64.61 4.08 -3.15	51.82 3.22 -1.92	50.74 2.87 -1.95
INDECK___CORINTH 23802	38.27 0.64 0.90	33.55 0.68 0.10	33.43 0.65 0.00	35.16 0.69 0.00	32.24 0.62 0.00	39.18 0.83 0.00	48.01 1.08 1.25	54.23 1.13 1.22	63.18 1.15 0.41	72.37 1.27 1.84	80.69 1.26 1.64	88.71 1.52 1.56	80.86 1.24 2.56	82.01 1.30 1.76	54.46 0.82 1.42	44.79 0.84 0.05	45.25 1.04 0.56	54.03 1.15 0.15	59.31 1.32 0.00	65.61 1.23 0.00	62.86 1.06 2.15	58.10 1.37 0.65	47.67 0.99 0.00	46.80 0.88 0.00
INDECK___ILION 23567	38.60 0.07 0.00	33.02 0.05 0.00	32.83 0.04 0.00	34.51 0.03 0.00	31.64 0.03 0.00	38.38 0.03 0.00	48.24 0.06 0.00	54.42 0.10 0.00	62.56 0.11 0.00	73.06 0.12 0.00	81.14 0.07 0.00	88.97 0.21 0.00	83.60 0.13 -1.29	82.62 0.15 0.00	55.17 0.11 0.00	44.16 0.15 0.00	45.00 0.22 0.00	53.27 0.24 0.00	58.22 0.23 0.00	64.62 0.25 0.00	64.16 0.20 0.00	57.55 0.17 0.00	46.78 0.10 0.00	46.04 0.12 0.00
INDECK___OLEAN 23982	40.41 0.70 -1.18	34.04 0.46 -0.61	33.95 0.53 -0.64	35.89 0.60 -0.82	32.75 0.52 -0.62	40.90 1.07 -1.48	51.57 0.84 -2.55	59.42 1.21 -3.89	68.93 1.32 -5.16	80.93 1.72 -6.28	89.14 1.75 -6.33	95.90 1.99 -5.16	87.40 0.95 -4.27	87.46 0.69 -4.30	58.28 0.20 -3.02	45.44 -0.17 -1.62	46.01 -0.49 -1.73	55.35 -0.20 -2.53	59.89 -0.66 -2.57	67.13 -0.59 -3.34	67.29 0.01 -3.33	60.71 0.47 -2.87	48.84 0.40 -1.75	48.01 0.32 -1.78
INDECK___OSWEGO 23783	43.36 -1.00 -5.82	35.07 -0.89 -2.99	35.05 -0.89 -3.15	37.59 -0.92 -4.03	33.83 -0.82 -3.04	44.68 -0.98 -7.31	59.50 -1.21 -12.53	72.00 -1.29 -18.97	86.16 -1.46 -25.17	101.87 -1.68 -30.60	109.96 -1.93 -30.82	111.90 -2.04 -25.19	103.15 -2.02 -22.98	101.49 -1.99 -21.01	68.49 -1.28 -14.71	50.83 -1.03 -7.87	52.12 -1.07 -8.42	63.81 -1.27 -12.05	68.75 -1.48 -12.24	78.77 -1.56 -15.95	78.34 -1.52 -15.90	69.68 -1.36 -13.67	53.89 -1.14 -8.35	53.51 -0.89 -8.47
INDECK___YERKES 23781	40.81 1.17 -1.12	34.41 0.87 -0.57	34.26 0.88 -0.60	36.20 0.96 -0.77	32.99 0.80 -0.58	41.18 1.43 -1.40	51.61 1.03 -2.40	58.97 0.99 -3.66	68.57 1.26 -4.86	80.40 1.55 -5.91	89.10 2.07 -5.96	95.69 2.08 -4.85	87.08 0.87 -4.02	87.14 0.61 -4.05	58.29 0.39 -2.84	45.47 -0.05 -1.52	45.92 -0.48 -1.63	54.94 -0.48 -2.38	59.21 -1.20 -2.42	66.06 -1.47 -3.15	66.69 -0.42 -3.14	60.58 0.50 -2.70	49.16 0.82 -1.65	48.62 1.03 -1.68
INDIAN POINT_GT_1 24139	40.63 1.18 -0.92	33.93 0.85 -0.11	33.45 0.67 0.00	35.12 0.65 0.00	32.32 0.71 0.00	39.27 0.92 0.00	50.26 0.81 -1.27	56.64 0.85 -1.47	63.83 0.88 -0.50	76.28 1.12 -2.22	84.33 1.28 -1.99	92.35 1.70 -1.89	86.93 1.64 -3.10	86.21 1.60 -2.14	57.97 1.18 -1.72	45.27 1.22 -0.06	47.04 1.60 -0.67	55.12 1.91 -0.18	60.14 2.15 0.00	66.75 2.37 0.00	68.50 1.94 -2.60	59.56 1.39 -0.79	47.76 1.08 0.00	47.18 1.26 0.00
INDIAN POINT_GT_2 23659	40.63 1.18 -0.92	33.93 0.85 -0.11	33.45 0.67 0.00	35.12 0.65 0.00	32.32 0.71 0.00	39.27 0.92 0.00	50.26 0.81 -1.27	56.64 0.85 -1.47	63.83 0.88 -0.50	76.28 1.12 -2.22	84.33 1.28 -1.99	92.35 1.70 -1.89	86.93 1.64 -3.10	86.21 1.60 -2.14	57.97 1.18 -1.72	45.27 1.22 -0.06	47.04 1.60 -0.67	55.12 1.91 -0.18	60.14 2.15 0.00	66.75 2.37 0.00	68.50 1.94 -2.60	59.56 1.39 -0.79	47.76 1.08 0.00	47.18 1.26 0.00
INDIAN POINT_GT_3 24019	40.63 1.18 -0.92	33.93 0.85 -0.11	33.45 0.67 0.00	35.12 0.65 0.00	32.32 0.71 0.00	39.27 0.92 0.00	50.26 0.81 -1.27	56.64 0.85 -1.47	63.83 0.88 -0.50	76.28 1.12 -2.22	84.33 1.28 -1.99	92.35 1.70 -1.89	86.93 1.64 -3.10	86.21 1.60 -2.14	57.97 1.18 -1.72	45.27 1.22 -0.06	47.04 1.60 -0.67	55.12 1.91 -0.18	60.14 2.15 0.00	66.75 2.37 0.00	68.50 1.94 -2.60	59.56 1.39 -0.79	47.76 1.08 0.00	47.18 1.26 0.00
INDIAN POINT___2 23530	40.59 1.17 -0.89	33.90 0.83 -0.10	33.42 0.64 0.00	35.10 0.63 0.00	32.30 0.69 0.00	39.25 0.90 0.00	50.20 0.78 -1.24	56.52 0.76 -1.44	63.68 0.75 -0.49	76.06 0.96 -2.17	84.18 1.17 -1.94	92.20 1.59 -1.85	86.76 1.54 -3.03	86.06 1.50 -2.09	57.88 1.13 -1.68	45.24 1.19 -0.06	46.99 1.56 -0.66	55.08 1.87 -0.17	60.11 2.12 0.00	66.71 2.33 0.00	68.42 1.91 -2.55	59.50 1.34 -0.77	47.72 1.03 0.00	47.16 1.24 0.00
INDIAN POINT___3 23531	40.60 1.15 -0.93	33.90 0.82 -0.11	33.42 0.64 0.00	35.10 0.63 0.00	32.30 0.69 0.00	39.23 0.88 0.00	50.22 0.77 -1.27	56.59 0.80 -1.47	63.76 0.81 -0.50	76.19 1.03 -2.23	84.25 1.19 -1.99	92.23 1.58 -1.90	86.83 1.54 -3.11	86.12 1.51 -2.14	57.91 1.12 -1.72	45.23 1.17 -0.06	46.99 1.55 -0.67	55.05 1.84 -0.18	60.06 2.07 0.00	66.66 2.28 0.00	68.44 1.88 -2.61	59.50 1.33 -0.79	47.72 1.04 0.00	47.14 1.22 0.00
INGHAM_C_115KV_TB7 356103	38.35 -0.18 0.00	32.59 -0.38 0.00	32.32 -0.46 0.00	34.00 -0.47 0.00	31.38 -0.23 0.00	38.15 -0.20 0.00	48.05 -0.13 0.00	54.28 -0.04 0.00	62.36 -0.09 0.00	72.69 -0.25 0.00	80.78 -0.29 0.00	88.59 -0.16 0.00	83.28 -0.19 -1.29	82.27 -0.20 0.00	54.57 -0.49 0.00	44.33 0.33 0.00	45.40 0.63 0.00	53.87 0.84 0.00	58.75 0.76 0.00	64.64 0.26 0.00	63.92 -0.04 0.00	57.61 0.23 0.00	46.53 -0.15 0.00	45.99 0.07 0.00
IP CORINTH___1 23988	38.49 0.87 0.90	33.73 0.86 0.10	33.60 0.82 0.00	35.33 0.87 0.00	32.40 0.79 0.00	39.39 1.04 0.00	48.30 1.37 1.25	54.57 1.47 1.22	63.56 1.53 0.41	72.84 1.74 1.84	81.18 1.75 1.64	89.25 2.06 1.56	81.35 1.73 2.56	82.51 1.79 1.76	54.79 1.15 1.42	45.05 1.10 0.05	45.51 1.30 0.56	54.35 1.47 0.15	59.65 1.66 0.00	65.98 1.60 0.00	63.24 1.44 2.15	58.44 1.72 0.65	47.95 1.27 0.00	47.07 1.15 0.00
IP___TICONDEROGA 23804	40.30 2.70 0.93	35.35 2.49 0.11	35.20 2.42 0.00	37.04 2.57 0.00	33.92 2.30 0.00	41.69 3.34 0.00	51.45 4.55 1.28	57.89 4.82 1.25	67.18 5.16 0.43	77.02 5.96 1.89	85.25 5.87 1.68	93.84 6.69 1.60	85.48 5.92 2.63	86.75 6.08 1.81	57.40 3.79 1.46	47.39 3.44 0.05	48.01 3.81 0.57	57.35 4.47 0.15	62.96 4.97 0.00	69.53 5.15 0.00	66.51 4.76 2.21	62.08 5.38 0.67	50.93 4.25 0.00	49.77 3.86 0.00
ISLIP_RES_REC 323679	40.84 1.76 -0.55	30.62 1.28 3.63	33.60 0.91 0.09	35.28 0.82 0.00	32.05 0.95 0.51	36.55 1.57 3.37	47.61 0.56 1.13	47.85 0.19 6.66	48.33 0.23 14.34	48.89 0.58 24.63	45.67 1.01 36.41	46.54 1.63 43.85	43.59 1.59 40.18	15.14 1.62 68.95	13.95 1.10 42.22	13.49 1.26 31.77	13.89 1.63 32.51	15.18 1.86 39.71	13.77 2.21 46.43	27.59 2.42 39.21	23.78 1.99 42.17	33.40 1.38 25.37	46.38 1.13 1.43	47.34 1.47 0.05

JAMAICA__27_KV_LOAD 355505	41.02 1.56 -0.94	34.27 1.18 -0.11	33.74 0.96 0.00	35.39 0.92 0.00	32.60 0.99 0.00	39.68 1.33 0.00	50.76 1.29 -1.29	58.11 1.30 -2.49	66.49 1.30 -2.75	79.57 1.75 -4.89	85.21 2.13 -2.01	93.42 2.75 -1.91	87.95 2.63 -3.14	87.22 2.58 -2.16	58.67 1.86 -1.74	45.81 1.75 -0.06	47.57 2.11 -0.68	55.77 2.56 -0.18	60.78 2.79 0.00	67.81 3.09 -0.34	69.22 2.63 -2.64	60.98 1.97 -1.64	48.78 1.67 -0.43	47.70 1.78 0.00
JANIS__SOLAR 323808	41.65 1.40 -1.72	34.86 1.01 -0.88	34.66 0.95 -0.93	36.77 1.11 -1.19	33.50 0.99 -0.90	42.01 1.50 -2.16	53.91 2.03 -3.70	62.53 2.56 -5.65	72.77 2.82 -7.50	85.43 3.37 -9.12	93.63 3.42 -9.14	100.14 3.96 -7.42	91.83 3.51 -6.15	92.41 3.72 -6.21	62.21 2.76 -4.39	48.33 1.99 -2.35	49.05 1.77 -2.52	59.08 2.37 -3.68	64.29 2.56 -3.74	72.40 3.16 -4.87	71.94 3.13 -4.86	64.30 2.75 -4.18	51.28 2.05 -2.55	50.42 1.92 -2.59
JARVIS____ 23743	38.49 -0.04 0.00	32.94 -0.03 0.00	32.75 -0.03 0.00	34.43 -0.03 0.00	31.58 -0.03 0.00	38.29 -0.07 0.00	48.11 -0.07 0.00	54.25 -0.07 0.00	62.35 -0.10 0.00	72.82 -0.11 0.00	80.91 -0.16 0.00	88.66 -0.09 0.00	83.33 -0.14 -1.29	82.37 -0.10 0.00	55.01 -0.06 0.00	44.02 0.02 0.00	44.84 0.07 0.00	53.07 0.04 0.00	58.02 0.03 0.00	64.38 0.00 0.00	63.96 0.00 0.00	57.34 -0.03 0.00	46.64 -0.04 0.00	45.91 0.00 0.00
JENNISON____1 23625	40.84 1.03 -1.29	34.28 0.64 -0.66	34.15 0.67 -0.70	36.33 0.97 -0.89	33.18 0.90 -0.67	41.32 1.35 -1.61	52.76 1.81 -2.77	60.64 2.06 -4.26	70.10 2.00 -5.65	82.08 2.27 -6.87	90.86 2.88 -6.91	97.92 3.55 -5.62	90.05 3.22 -4.65	90.64 3.47 -4.70	61.06 2.70 -3.30	47.69 1.92 -1.77	48.08 1.42 -1.89	58.06 2.25 -2.77	63.42 2.61 -2.82	70.98 2.93 -3.67	70.53 2.92 -3.66	63.20 2.68 -3.15	50.59 1.99 -1.92	49.78 1.91 -1.95
JENNISON____2 23626	40.84 1.03 -1.29	34.28 0.64 -0.66	34.15 0.67 -0.70	36.33 0.97 -0.89	33.18 0.90 -0.67	41.32 1.35 -1.61	52.76 1.81 -2.77	60.64 2.06 -4.26	70.10 2.00 -5.65	82.08 2.27 -6.87	90.86 2.88 -6.91	97.92 3.55 -5.62	90.05 3.22 -4.65	90.64 3.47 -4.70	61.06 2.70 -3.30	47.69 1.92 -1.77	48.08 1.42 -1.89	58.06 2.25 -2.77	63.42 2.61 -2.82	70.98 2.93 -3.67	70.53 2.92 -3.66	63.20 2.68 -3.15	50.59 1.99 -1.92	49.78 1.91 -1.95
JERICOHO_RISE_WT_PWR 323719	39.05 0.52 0.00	33.55 0.57 0.00	33.38 0.60 0.00	35.24 0.77 0.00	32.07 0.46 0.00	38.94 0.59 0.00	49.20 1.02 0.00	55.49 1.17 0.00	63.51 1.06 0.00	74.36 1.42 0.00	83.12 2.05 0.00	91.06 2.31 0.00	92.81 2.57 -8.06	84.80 2.33 0.00	56.29 1.22 0.00	44.93 0.93 0.00	45.67 0.90 0.00	54.25 1.22 0.00	59.34 1.35 0.00	65.90 1.52 0.00	65.41 1.45 0.00	58.82 1.44 0.00	47.85 1.17 0.00	46.91 0.99 0.00
KATONAH__115KV_46KV_TB4 355592	40.77 1.29 -0.95	34.06 0.97 -0.11	33.58 0.80 0.00	35.26 0.80 0.00	32.44 0.82 0.00	39.41 1.05 0.00	50.51 1.00 -1.32	56.92 1.08 -1.52	64.18 1.21 -0.52	76.74 1.51 -2.29	84.82 1.70 -2.05	92.87 2.17 -1.95	87.45 2.07 -3.20	86.72 2.05 -2.20	58.33 1.50 -1.77	45.52 1.46 -0.06	47.27 1.81 -0.69	55.37 2.15 -0.18	60.39 2.39 0.00	67.03 2.66 0.00	68.89 2.25 -2.68	59.88 1.69 -0.81	47.98 1.30 0.00	47.35 1.44 0.00
KCE_NY_1 323755	38.63 1.06 0.96	33.79 0.93 0.11	33.68 0.90 0.00	35.48 1.01 0.00	32.51 0.90 0.00	39.52 1.17 0.00	48.35 1.49 1.32	54.64 1.61 1.30	63.73 1.72 0.44	72.93 1.95 1.96	81.42 2.10 1.75	89.50 2.41 1.66	81.51 2.05 2.73	82.73 2.14 1.88	55.01 1.46 1.51	45.20 1.25 0.05	45.60 1.42 0.59	54.51 1.64 0.16	59.97 1.98 0.00	66.29 1.91 0.00	63.37 1.70 2.29	58.35 1.67 0.70	48.07 1.39 0.00	47.19 1.28 0.00
KCE_NY_6_ESR 323823	40.79 1.12 -1.15	34.37 0.81 -0.59	34.27 0.87 -0.62	36.23 0.96 -0.79	33.00 0.79 -0.60	41.18 1.39 -1.44	51.69 1.04 -2.47	59.52 1.44 -3.76	69.22 1.78 -4.99	81.19 2.19 -6.07	89.86 2.67 -6.12	96.68 2.94 -4.99	88.20 1.89 -4.13	88.29 1.65 -4.16	58.93 0.95 -2.92	45.79 0.23 -1.56	46.32 -0.12 -1.67	55.50 0.03 -2.45	59.86 -0.62 -2.49	67.02 -0.59 -3.24	67.23 0.05 -3.23	60.80 0.64 -2.78	49.23 0.85 -1.70	48.58 0.94 -1.72
KEDC_PORT_JEFF_GT2 24210	40.51 1.47 -0.52	30.07 1.02 3.93	33.35 0.67 0.09	35.02 0.56 0.00	31.75 0.70 0.55	35.94 1.25 3.66	46.95 0.10 1.33	47.15 -0.37 6.79	47.44 -0.46 14.55	47.77 -0.23 24.94	44.46 0.14 36.75	45.12 0.61 44.25	42.22 0.60 40.56	13.40 0.50 69.58	12.66 0.33 42.73	12.38 0.62 32.24	12.69 1.00 33.09	13.55 1.12 40.60	12.55 1.40 46.84	26.13 1.54 39.79	22.56 1.19 42.59	32.53 0.76 25.60	45.86 0.63 1.45	46.90 1.03 0.05
KEDC_PORT_JEFF_GT3 24211	40.51 1.47 -0.52	30.07 1.02 3.93	33.35 0.67 0.09	35.02 0.56 0.00	31.75 0.70 0.55	35.94 1.25 3.66	46.95 0.10 1.33	47.15 -0.37 6.79	47.44 -0.46 14.55	47.77 -0.23 24.94	44.46 0.14 36.75	45.12 0.61 44.25	42.22 0.60 40.56	13.40 0.50 69.58	12.66 0.33 42.73	12.38 0.62 32.24	12.69 1.00 33.09	13.55 1.12 40.60	12.55 1.40 46.84	26.13 1.54 39.79	22.56 1.19 42.59	32.53 0.76 25.60	45.86 0.63 1.45	46.90 1.03 0.05
KEDC_GLWD_GT4 24219	42.05 1.73 -1.79	42.49 1.30 -8.22	34.02 1.02 -0.21	35.46 0.98 -0.01	33.85 1.05 -1.20	47.71 1.47 -7.88	56.21 1.08 -6.95	56.42 1.00 -1.10	61.44 0.68 1.69	69.97 0.89 3.85	72.22 1.31 10.16	78.00 1.80 12.55	73.27 1.76 10.67	62.27 1.74 21.94	49.62 1.31 6.75	50.88 1.50 -5.38	61.74 1.90 -15.07	90.72 2.28 -35.41	45.71 2.30 14.57	75.04 2.53 -8.14	56.71 2.08 9.32	51.53 1.45 7.29	47.45 1.16 0.39	47.62 1.72 0.02
KEDC_GLWD_GT5 24220	42.05 1.73 -1.79	42.49 1.30 -8.22	34.02 1.02 -0.21	35.46 0.98 -0.01	33.85 1.05 -1.20	47.71 1.47 -7.88	56.21 1.08 -6.95	56.42 1.00 -1.10	61.44 0.68 1.69	69.97 0.89 3.85	72.22 1.31 10.16	78.00 1.80 12.55	73.27 1.76 10.67	62.27 1.74 21.94	49.62 1.31 6.75	50.88 1.50 -5.38	61.74 1.90 -15.07	90.72 2.28 -35.41	45.71 2.30 14.57	75.04 2.53 -8.14	56.71 2.08 9.32	51.53 1.45 7.29	47.45 1.16 0.39	47.62 1.72 0.02
KENSICO____ 23655	40.75 1.28 -0.94	34.03 0.95 -0.11	33.55 0.77 0.00	35.22 0.75 0.00	32.42 0.80 0.00	39.38 1.03 0.00	50.40 0.93 -1.29	56.80 0.99 -1.49	64.02 1.06 -0.51	76.52 1.34 -2.25	84.60 1.52 -2.01	92.64 1.97 -1.91	87.21 1.89 -3.14	86.50 1.86 -2.16	58.17 1.36 -1.74	45.42 1.37 -0.06	47.19 1.74 -0.68	55.28 2.07 -0.18	60.28 2.29 0.00	66.91 2.53 0.00	68.72 2.13 -2.63	59.73 1.55 -0.80	47.89 1.21 0.00	47.30 1.38 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.45 1.33 -0.59	34.04 0.99 -0.07	33.64 0.85 0.00	35.33 0.86 0.00	32.49 0.88 0.00	39.44 1.08 0.00	50.22 1.16 -0.88	56.77 1.38 -1.08	64.35 1.54 -0.37	76.48 1.92 -1.63	84.68 2.16 -1.46	92.75 2.61 -1.39	87.24 2.76 -2.31	87.54 3.46 -1.60	58.73 2.38 -1.29	46.31 2.27 -0.04	47.86 2.58 -0.50	56.32 3.15 -0.13	61.53 3.54 0.00	68.35 3.97 0.00	69.21 3.31 -1.95	60.56 2.59 -0.59	48.59 1.91 0.00	47.73 1.81 0.00

KIAC_JFK_GT1 23816	40.64 1.17 -0.94	33.94 0.86 -0.11	33.42 0.64 0.00	35.06 0.59 0.00	32.30 0.69 0.00	39.35 0.99 0.00	50.34 0.87 -1.29	57.63 0.81 -2.49	65.86 0.67 -2.75	78.84 1.01 -4.89	84.36 1.29 -2.01	92.47 1.81 -1.91	87.09 1.77 -3.14	86.37 1.73 -2.16	58.09 1.29 -1.74	45.35 1.29 -0.06	47.12 1.67 -0.68	55.22 2.01 -0.18	60.20 2.20 0.00	67.13 2.41 -0.34	68.54 1.95 -2.64	60.36 1.35 -1.64	48.30 1.19 -0.43	47.24 1.32 0.00
KIAC_JFK_GT2 23817	40.64 1.17 -0.94	33.94 0.86 -0.11	33.42 0.64 0.00	35.06 0.59 0.00	32.30 0.69 0.00	39.35 0.99 0.00	50.34 0.87 -1.29	57.63 0.81 -2.49	65.86 0.67 -2.75	78.84 1.01 -4.89	84.36 1.29 -2.01	92.47 1.81 -1.91	87.09 1.77 -3.14	86.37 1.73 -2.16	58.09 1.29 -1.74	45.35 1.29 -0.06	47.12 1.67 -0.68	55.22 2.01 -0.18	60.20 2.20 0.00	67.13 2.41 -0.34	68.54 1.95 -2.64	60.36 1.35 -1.64	48.30 1.19 -0.43	47.24 1.32 0.00
KIAC_JFK____ 323774	40.64 1.17 -0.94	33.94 0.86 -0.11	33.42 0.64 0.00	35.05 0.59 0.00	32.30 0.69 0.00	39.35 1.00 0.00	50.34 0.87 -1.29	57.71 0.89 -2.49	66.09 0.90 -2.75	79.05 1.22 -4.89	84.32 1.24 -2.01	92.47 1.80 -1.91	87.06 1.74 -3.14	86.36 1.72 -2.16	58.08 1.27 -1.74	45.36 1.30 -0.06	47.12 1.67 -0.68	55.22 2.00 -0.18	60.20 2.21 0.00	67.13 2.41 -0.34	68.54 1.94 -2.64	60.36 1.35 -1.64	48.29 1.19 -0.43	47.24 1.32 0.00
KINTIGH__24_KV_GSU 356498	40.21 0.64 -1.05	33.95 0.44 -0.54	33.84 0.49 -0.57	35.74 0.55 -0.72	32.60 0.44 -0.55	40.61 0.95 -1.31	51.04 0.60 -2.26	58.48 0.73 -3.44	67.89 0.88 -4.56	79.55 1.07 -5.55	88.13 1.46 -5.59	94.78 1.46 -4.56	86.53 0.57 -3.78	86.72 0.44 -3.81	57.98 0.25 -2.67	45.21 -0.21 -1.43	45.72 -0.58 -1.53	54.74 -0.53 -2.24	59.16 -1.10 -2.27	66.12 -1.22 -2.96	66.38 -0.53 -2.95	60.06 0.14 -2.54	48.62 0.38 -1.55	47.96 0.47 -1.57
KINTIGH____ 23543	40.17 0.60 -1.05	33.93 0.42 -0.54	33.81 0.46 -0.57	35.72 0.52 -0.72	32.57 0.42 -0.55	40.59 0.92 -1.31	51.00 0.56 -2.26	58.35 0.59 -3.44	67.68 0.66 -4.56	79.28 0.80 -5.55	88.00 1.34 -5.59	94.71 1.40 -4.56	86.42 0.46 -3.78	86.66 0.38 -3.81	57.90 0.17 -2.67	45.18 -0.24 -1.43	45.70 -0.60 -1.53	54.71 -0.55 -2.24	59.12 -1.13 -2.27	66.11 -1.23 -2.96	66.32 -0.58 -2.95	60.00 0.08 -2.54	48.56 0.33 -1.55	47.93 0.44 -1.57
KNTFSRNC_46_KV_46KV_LOAD 80397	39.58 1.05 0.00	33.97 1.00 0.00	33.77 0.99 0.00	35.67 1.20 0.00	32.37 0.76 0.00	39.28 0.93 0.00	49.63 1.45 0.00	55.90 1.58 0.00	63.76 1.31 0.00	74.71 1.77 0.00	83.86 2.79 0.00	92.00 3.24 0.00	90.62 3.63 -4.81	85.73 3.26 0.00	56.83 1.76 0.00	45.44 1.44 0.00	46.25 1.48 0.00	54.97 1.94 0.00	60.13 2.14 0.00	66.77 2.39 0.00	66.13 2.18 0.00	59.77 2.39 0.00	48.62 1.94 0.00	47.58 1.67 0.00
LACHUTE____HYDRO 323717	40.30 2.70 0.93	35.35 2.49 0.11	35.20 2.42 0.00	37.04 2.57 0.00	33.92 2.30 0.00	41.69 3.34 0.00	51.45 4.54 1.28	57.88 4.81 1.25	67.17 5.15 0.43	77.02 5.96 1.89	85.25 5.86 1.68	93.85 6.70 1.60	85.47 5.92 2.63	86.74 6.07 1.81	57.40 3.79 1.46	47.39 3.44 0.05	48.01 3.81 0.57	57.35 4.47 0.15	62.95 4.96 0.00	69.53 5.15 0.00	66.51 4.76 2.21	62.08 5.38 0.67	50.93 4.25 0.00	49.77 3.86 0.00
LAWRNCALV_115KV_TB1 80681	39.78 0.89 -0.37	34.00 0.83 -0.19	33.83 0.85 -0.20	35.65 0.92 -0.26	32.62 0.81 -0.19	39.77 0.95 -0.46	50.69 1.71 -0.79	57.57 2.05 -1.20	66.30 2.26 -1.60	77.45 2.57 -1.94	86.16 3.15 -1.94	93.36 3.01 -1.60	145.62 3.32 -60.12	86.81 3.00 -1.33	57.81 1.81 -0.93	45.76 1.26 -0.50	46.34 1.03 -0.54	55.05 1.08 -0.93	60.06 1.12 -0.95	66.96 1.34 -1.24	66.79 1.60 -1.23	60.16 1.72 -1.06	48.91 1.59 -0.65	47.92 1.35 -0.66
LEDERLE____ 23769	40.82 1.42 -0.88	34.09 1.02 -0.10	33.61 0.83 0.00	35.29 0.82 0.00	32.48 0.87 0.00	39.47 1.12 0.00	50.50 1.11 -1.21	56.94 1.20 -1.42	64.21 1.28 -0.48	76.66 1.59 -2.14	84.81 1.83 -1.91	92.85 2.27 -1.82	87.36 2.19 -2.99	86.70 2.17 -2.06	58.29 1.57 -1.66	45.58 1.53 -0.06	47.35 1.94 -0.65	55.56 2.36 -0.17	60.63 2.64 0.00	67.28 2.91 0.00	68.93 2.47 -2.51	59.96 1.82 -0.76	48.08 1.39 0.00	47.48 1.56 0.00
LIGHTHSE_115KV_TB6 355974	41.46 0.26 -2.67	34.51 0.17 -1.37	34.41 0.18 -1.45	36.54 0.22 -1.85	33.27 0.27 -1.39	41.87 0.17 -3.35	54.54 0.62 -5.74	63.96 0.94 -8.70	75.12 1.12 -11.55	88.43 1.46 -14.04	96.90 1.74 -14.09	102.12 1.81 -11.56	99.27 1.50 -15.58	93.69 1.58 -9.64	62.92 1.11 -6.75	48.51 0.90 -3.61	49.50 0.79 -3.94	60.39 0.48 -6.88	65.42 0.44 -6.99	74.17 0.68 -9.11	73.79 0.75 -9.08	65.99 0.80 -7.81	52.02 0.57 -4.77	51.24 0.48 -4.84
LINDEN COGEN____ 23786	40.77 1.30 -0.94	34.01 0.93 -0.11	33.50 0.72 0.00	35.15 0.68 0.00	32.40 0.78 0.00	39.39 1.04 0.00	50.31 0.84 -1.29	56.65 0.84 -1.49	63.85 0.89 -0.51	76.35 1.17 -2.25	78.13 1.39 4.33	87.79 1.93 2.89	85.16 1.85 -1.13	82.00 1.84 2.31	53.88 1.33 2.51	43.57 1.41 1.83	47.28 1.83 -0.68	55.44 2.23 -0.18	60.43 2.44 0.00	67.10 2.72 0.00	68.71 2.11 -2.64	59.62 1.45 -0.80	47.84 1.16 0.00	47.30 1.39 0.00
LINDHRST_69_KV_BK1 356055	41.39 1.93 -0.94	34.58 1.42 -0.19	33.91 1.09 -0.03	35.48 1.01 0.00	32.92 1.13 -0.18	41.25 1.70 -1.20	51.15 0.82 -2.15	50.36 0.65 4.61	51.79 0.65 11.30	53.89 0.91 19.96	51.11 1.21 31.17	52.91 1.72 37.56	49.55 1.72 34.35	23.32 1.69 60.85	21.84 1.24 34.46	20.67 1.33 24.66	22.81 1.69 23.65	29.31 2.01 25.74	20.28 2.30 40.00	36.89 2.65 30.13	30.55 2.18 35.59	37.35 1.63 21.65	46.82 1.32 1.19	47.54 1.67 0.04
LIPA_MISC_IPP 23656	40.31 1.28 -0.50	29.79 0.86 4.04	33.20 0.52 0.10	34.86 0.40 0.00	31.61 0.57 0.57	35.62 1.04 3.77	46.60 -0.17 1.42	46.90 -0.56 6.85	47.08 -0.73 14.64	47.26 -0.60 25.08	43.78 -0.38 36.91	44.31 0.00 44.44	41.54 0.10 40.74	12.81 0.20 69.87	12.31 0.21 42.96	12.06 0.53 32.46	12.30 0.89 33.36	13.01 1.00 41.03	12.21 1.25 47.03	25.67 1.35 40.06	22.11 0.94 42.78	32.10 0.43 25.71	45.56 0.33 1.45	46.55 0.68 0.05
LISF____SOLAR 323691	40.38 1.34 -0.51	29.88 0.91 4.00	33.22 0.54 0.10	34.89 0.43 0.00	31.63 0.58 0.56	35.73 1.10 3.73	46.68 -0.11 1.38	46.84 -0.65 6.83	47.07 -0.77 14.60	47.29 -0.62 25.02	43.88 -0.34 36.85	44.44 0.06 44.37	41.65 0.14 40.67	13.01 0.29 69.76	12.44 0.26 42.88	12.18 0.56 32.38	12.47 0.96 33.26	13.23 1.07 40.87	12.42 1.39 46.96	25.84 1.42 39.96	22.24 0.99 42.71	32.18 0.48 25.67	45.63 0.40 1.45	46.65 0.78 0.05
LITTLE FALLS____HYD 24013	38.35 -0.18 0.00	32.59 -0.38 0.00	32.32 -0.46 0.00	34.00 -0.47 0.00	31.38 -0.23 0.00	38.15 -0.20 0.00	48.05 -0.13 0.00	54.28 -0.04 0.00	62.36 -0.09 0.00	72.69 -0.25 0.00	80.78 -0.29 0.00	88.59 -0.16 0.00	83.28 -0.19 -1.29	82.27 -0.20 0.00	54.57 -0.49 0.00	44.33 0.33 0.00	45.40 0.63 0.00	53.87 0.84 0.00	58.75 0.76 0.00	64.64 0.26 0.00	63.92 -0.04 0.00	57.61 0.23 0.00	46.53 -0.15 0.00	45.99 0.07 0.00

LITTLRIV_115KV_TB1 356100	40.36 1.44 -0.39	34.49 1.32 -0.20	34.31 1.32 -0.21	36.17 1.44 -0.27	33.13 1.31 -0.21	40.42 1.58 -0.49	51.57 2.55 -0.85	58.63 3.02 -1.28	67.44 3.29 -1.70	78.60 3.59 -2.07	87.48 4.34 -2.07	94.67 4.20 -1.71	144.20 4.43 -57.59	88.04 4.14 -1.42	58.69 2.64 -0.99	46.46 1.93 -0.53	47.07 1.72 -0.58	55.96 1.93 -1.00	61.10 2.10 -1.01	68.17 2.48 -1.32	67.95 2.68 -1.31	61.15 2.65 -1.13	49.66 2.29 -0.69	48.61 2.00 -0.70
LI_NEWBRDGE___DRP 323616	40.11 1.36 -0.22	27.27 0.99 6.69	33.29 0.68 0.17	35.03 0.57 0.01	31.38 0.73 0.97	33.16 1.16 6.35	45.17 0.25 3.27	46.28 0.06 8.09	45.78 -0.15 16.52	44.96 -0.04 27.94	41.22 0.25 40.10	41.16 0.64 48.23	38.54 0.68 44.33	7.38 0.66 75.76	7.82 0.58 47.82	7.89 0.80 36.91	7.10 1.17 38.84	4.85 1.36 49.55	8.64 1.55 50.90	20.56 1.75 45.56	18.52 1.31 46.75	30.21 0.77 27.93	45.74 0.65 1.59	46.90 1.03 0.06
LOCKPORT_115KV_TB60_63_64 80432	40.47 0.84 -1.10	34.14 0.60 -0.56	34.02 0.64 -0.60	35.94 0.71 -0.76	32.78 0.59 -0.57	40.93 1.20 -1.38	51.05 0.50 -2.37	58.49 0.55 -3.61	67.92 0.67 -4.80	79.58 0.81 -5.83	88.38 1.43 -5.88	95.01 1.46 -4.80	86.57 0.42 -3.97	86.77 0.29 -4.00	57.97 0.10 -2.80	45.17 -0.33 -1.50	45.62 -0.76 -1.61	54.59 -0.79 -2.35	58.90 -1.48 -2.39	65.92 -1.57 -3.11	66.27 -0.79 -3.10	60.01 -0.04 -2.67	48.76 0.45 -1.63	48.27 0.70 -1.65
LOCKPORT___CC1 323769	40.45 0.81 -1.11	34.12 0.58 -0.57	34.00 0.62 -0.60	35.92 0.69 -0.76	32.76 0.57 -0.58	40.91 1.17 -1.39	51.07 0.51 -2.38	58.65 0.70 -3.63	68.17 0.90 -4.82	79.86 1.07 -5.85	88.51 1.54 -5.90	95.04 1.47 -4.82	86.68 0.51 -3.99	86.84 0.34 -4.02	58.02 0.14 -2.82	45.14 -0.36 -1.51	45.61 -0.77 -1.61	54.61 -0.78 -2.36	58.89 -1.49 -2.40	65.91 -1.59 -3.13	66.29 -0.78 -3.12	60.05 -0.01 -2.68	48.79 0.48 -1.64	48.23 0.65 -1.66
LOCKPORT___CC2 323770	40.45 0.81 -1.11	34.12 0.58 -0.57	34.00 0.62 -0.60	35.92 0.69 -0.76	32.76 0.57 -0.58	40.91 1.17 -1.39	51.07 0.51 -2.38	58.65 0.70 -3.63	68.17 0.90 -4.82	79.86 1.07 -5.85	88.51 1.54 -5.90	95.04 1.47 -4.82	86.68 0.51 -3.99	86.84 0.34 -4.02	58.02 0.14 -2.82	45.14 -0.36 -1.51	45.61 -0.77 -1.61	54.61 -0.78 -2.36	58.89 -1.49 -2.40	65.91 -1.59 -3.13	66.29 -0.78 -3.12	60.05 -0.01 -2.68	48.79 0.48 -1.64	48.23 0.65 -1.66
LOCKPORT___CC3 323771	40.45 0.81 -1.11	34.12 0.58 -0.57	34.00 0.62 -0.60	35.92 0.69 -0.76	32.76 0.57 -0.58	40.91 1.17 -1.39	51.07 0.51 -2.38	58.65 0.70 -3.63	68.17 0.90 -4.82	79.86 1.07 -5.85	88.51 1.54 -5.90	95.04 1.47 -4.82	86.68 0.51 -3.99	86.84 0.34 -4.02	58.02 0.14 -2.82	45.14 -0.36 -1.51	45.61 -0.77 -1.61	54.61 -0.78 -2.36	58.89 -1.49 -2.40	65.91 -1.59 -3.13	66.29 -0.78 -3.12	60.05 -0.01 -2.68	48.79 0.48 -1.64	48.23 0.65 -1.66
LOCUSVLY_69_KV_BK2 55797	41.81 1.79 -1.50	39.70 1.33 -5.40	33.97 1.05 -0.14	35.45 0.97 -0.01	33.48 1.07 -0.80	45.12 1.53 -5.23	54.16 0.93 -5.05	54.34 0.89 0.87	58.29 0.78 4.94	64.67 1.00 9.26	65.35 1.41 17.13	69.72 1.82 20.85	65.47 1.80 18.51	49.60 1.76 34.63	40.36 1.30 16.01	40.91 1.42 4.52	48.94 1.82 -2.35	70.53 2.17 -15.33	37.26 2.30 23.02	62.44 2.55 4.48	48.01 2.09 18.03	46.76 1.45 12.08	47.21 1.19 0.66	47.52 1.63 0.02
LONG_LAKE_PHOENIX 24014	40.02 -0.22 -1.72	33.60 -0.25 -0.88	33.47 -0.24 -0.93	35.42 -0.24 -1.19	32.28 -0.22 -0.90	40.33 -0.18 -2.15	51.66 -0.21 -3.69	59.77 -0.14 -5.60	69.74 -0.14 -7.43	81.91 -0.06 -9.03	90.22 0.14 -9.01	96.12 -0.08 -7.44	89.76 -0.22 -7.80	88.50 -0.18 -6.20	59.31 -0.09 -4.34	46.25 -0.07 -2.32	47.19 -0.07 -2.50	56.77 -0.03 -3.77	61.70 -0.11 -3.83	69.26 -0.10 -4.99	68.83 -0.10 -4.97	61.58 -0.07 -4.27	49.10 -0.19 -2.61	48.37 -0.20 -2.65
LOVETT___3 23632	40.59 1.17 -0.89	33.90 0.83 -0.10	33.42 0.64 0.00	35.10 0.63 0.00	32.30 0.69 0.00	39.25 0.90 0.00	50.20 0.79 -1.23	56.55 0.80 -1.43	63.75 0.81 -0.49	76.13 1.03 -2.17	84.20 1.20 -1.93	92.21 1.61 -1.84	86.77 1.56 -3.02	86.07 1.52 -2.08	57.88 1.14 -1.68	45.24 1.19 -0.06	46.98 1.55 -0.65	55.09 1.89 -0.17	60.11 2.12 0.00	66.71 2.34 0.00	68.42 1.93 -2.54	59.51 1.36 -0.77	47.73 1.04 0.00	47.16 1.24 0.00
LOVETT___4 23642	40.59 1.17 -0.89	33.90 0.83 -0.10	33.42 0.64 0.00	35.10 0.63 0.00	32.30 0.69 0.00	39.25 0.90 0.00	50.20 0.79 -1.23	56.55 0.80 -1.43	63.75 0.81 -0.49	76.13 1.03 -2.17	84.20 1.20 -1.93	92.21 1.61 -1.84	86.77 1.56 -3.02	86.07 1.52 -2.08	57.88 1.14 -1.68	45.24 1.19 -0.06	46.98 1.55 -0.65	55.09 1.89 -0.17	60.11 2.12 0.00	66.71 2.34 0.00	68.42 1.93 -2.54	59.51 1.36 -0.77	47.73 1.04 0.00	47.16 1.24 0.00
LOVETT___5 23593	40.59 1.17 -0.89	33.90 0.83 -0.10	33.42 0.64 0.00	35.10 0.63 0.00	32.30 0.69 0.00	39.25 0.90 0.00	50.20 0.79 -1.23	56.55 0.80 -1.43	63.75 0.81 -0.49	76.13 1.03 -2.17	84.20 1.20 -1.93	92.21 1.61 -1.84	86.77 1.56 -3.02	86.07 1.52 -2.08	57.88 1.14 -1.68	45.24 1.19 -0.06	46.98 1.55 -0.65	55.09 1.89 -0.17	60.11 2.12 0.00	66.71 2.34 0.00	68.42 1.93 -2.54	59.51 1.36 -0.77	47.73 1.04 0.00	47.16 1.24 0.00
LOWER RAQUET___HYD 24057	39.90 0.96 -0.41	34.09 0.90 -0.21	33.93 0.92 -0.23	35.75 1.00 -0.29	32.71 0.88 -0.22	39.90 1.02 -0.52	50.92 1.85 -0.89	57.89 2.21 -1.36	66.67 2.42 -1.80	77.92 2.79 -2.19	86.65 3.39 -2.19	93.83 3.27 -1.80	140.97 3.58 -55.20	87.24 3.26 -1.50	58.09 1.97 -1.05	45.95 1.39 -0.56	46.52 1.14 -0.61	55.26 1.17 -1.05	60.25 1.19 -1.07	67.20 1.43 -1.40	67.07 1.72 -1.39	60.44 1.87 -1.20	49.14 1.72 -0.73	48.13 1.48 -0.74
LOWER___HUDSON 24059	37.72 0.42 1.24	33.26 0.43 0.14	33.16 0.38 0.00	34.87 0.40 0.00	32.01 0.39 0.00	38.87 0.52 0.00	47.09 0.62 1.71	53.17 0.54 1.69	62.41 0.54 0.58	70.95 0.56 2.55	79.30 0.51 2.28	87.21 0.62 2.17	79.00 0.37 3.56	80.51 0.49 2.45	53.46 0.37 1.97	44.36 0.43 0.06	44.54 0.54 0.77	53.22 0.39 0.20	58.53 0.54 0.00	64.77 0.40 0.00	61.17 0.20 2.99	56.79 0.31 0.91	46.94 0.26 0.00	46.27 0.35 0.00
LOWVILLE_115KV_TB2 356335	40.46 0.99 -0.94	34.29 0.84 -0.48	34.12 0.83 -0.51	36.05 0.93 -0.65	33.00 0.90 -0.49	39.95 0.42 -1.18	51.92 1.72 -2.02	59.68 2.30 -3.07	69.23 2.71 -4.07	81.31 3.43 -4.95	90.01 3.99 -4.95	97.23 4.40 -4.08	105.12 4.10 -18.84	89.86 3.99 -3.40	60.11 2.67 -2.38	47.47 2.19 -1.27	48.38 2.23 -1.38	57.77 2.40 -2.34	62.88 2.52 -2.37	70.62 3.16 -3.09	70.34 3.30 -3.08	63.03 3.01 -2.65	50.70 2.40 -1.62	49.69 2.13 -1.64
LUTHERFT_115KV_GLOB_FND_222 355753	38.61 1.04 0.96	33.79 0.93 0.11	33.69 0.91 0.00	35.45 0.99 0.00	32.51 0.90 0.00	39.50 1.14 0.00	48.32 1.46 1.32	54.62 1.59 1.30	63.71 1.70 0.44	72.93 1.95 1.96	81.38 2.06 1.75	89.44 2.35 1.66	81.45 1.99 2.73	82.69 2.10 1.88	54.94 1.40 1.51	45.19 1.24 0.05	45.58 1.40 0.59	54.45 1.57 0.16	59.81 1.83 0.00	66.19 1.82 0.00	63.31 1.64 2.29	58.31 1.62 0.70	47.97 1.28 0.00	47.16 1.25 0.00

LUTHERNY_35_KV_BK2 355980	38.63 1.06 0.96	33.79 0.93 0.11	33.68 0.90 0.00	35.48 1.01 0.00	32.51 0.90 0.00	39.52 1.16 0.00	48.34 1.49 1.32	54.65 1.63 1.30	63.75 1.75 0.44	72.98 2.00 1.96	81.44 2.12 1.75	89.50 2.41 1.66	81.51 2.06 2.73	82.74 2.14 1.88	55.02 1.47 1.51	45.20 1.25 0.05	45.60 1.42 0.59	54.51 1.64 0.16	59.97 1.98 0.00	66.28 1.91 0.00	63.37 1.70 2.29	58.35 1.67 0.70	48.07 1.39 0.00	47.19 1.28 0.00
LWR___OSWEGATCHIE_HYD 23850	40.34 1.03 -0.77	34.28 0.91 -0.40	34.12 0.92 -0.42	36.02 1.01 -0.54	32.97 0.95 -0.41	40.16 0.83 -0.97	51.73 1.89 -1.67	59.21 2.36 -2.53	68.49 2.68 -3.36	80.24 3.21 -4.09	88.96 3.80 -4.09	96.07 3.95 -3.36	125.41 3.92 -39.31	89.00 3.72 -2.81	59.42 2.39 -1.97	46.82 1.77 -1.05	47.57 1.66 -1.14	56.72 1.73 -1.96	61.80 1.82 -1.99	69.23 2.26 -2.59	69.03 2.50 -2.59	62.12 2.52 -2.22	50.18 2.14 -1.36	49.15 1.85 -1.38
LYONS_FALL_HYD 23570	40.22 0.94 -0.76	34.13 0.77 -0.39	33.97 0.77 -0.41	35.83 0.84 -0.53	32.82 0.81 -0.40	39.89 0.58 -0.95	51.36 1.55 -1.63	58.79 1.99 -2.48	68.09 2.36 -3.29	79.88 2.94 -4.00	88.45 3.40 -3.99	95.82 3.77 -3.29	98.58 3.37 -13.03	88.57 3.35 -2.75	59.23 2.25 -1.92	46.87 1.84 -1.03	47.79 1.91 -1.12	56.97 2.10 -1.84	62.07 2.21 -1.87	69.51 2.70 -2.44	69.15 2.77 -2.43	61.96 2.50 -2.09	49.91 1.96 -1.28	48.95 1.74 -1.29
MADISON___COUNTY_LFGE 323628	40.56 0.97 -1.07	34.28 0.76 -0.55	34.08 0.72 -0.58	35.99 0.79 -0.74	32.92 0.75 -0.55	40.64 0.95 -1.34	51.94 1.47 -2.29	59.58 1.78 -3.48	69.15 2.09 -4.61	81.07 2.53 -5.61	89.65 3.02 -5.56	96.62 3.25 -4.62	91.94 2.68 -7.08	89.08 2.76 -3.85	59.67 1.91 -2.70	46.97 1.53 -1.44	47.96 1.64 -1.55	57.29 1.92 -2.35	62.37 2.00 -2.39	69.83 2.34 -3.11	69.35 2.29 -3.10	62.02 1.98 -2.66	49.80 1.49 -1.63	48.90 1.33 -1.65
MALONE___115KV_TB1 356076	39.52 1.00 0.00	33.93 0.96 0.00	33.76 0.98 0.00	35.64 1.17 0.00	32.47 0.85 0.00	39.42 1.06 0.00	49.93 1.75 0.00	56.44 2.12 0.00	64.64 2.19 0.00	75.61 2.67 0.00	84.66 3.59 0.00	92.73 3.97 0.00	105.90 4.20 -19.52	86.21 3.73 0.00	57.17 2.11 0.00	45.60 1.60 0.00	46.28 1.51 0.00	54.94 1.91 0.00	60.07 2.08 0.00	66.75 2.38 0.00	66.37 2.41 0.00	59.65 2.27 0.00	48.54 1.86 0.00	47.53 1.61 0.00
MAPLEWOD_115KV_TB3 80458	37.71 0.03 0.85	32.93 0.06 0.10	32.81 0.02 0.00	34.49 0.02 0.00	31.67 0.06 0.00	38.39 0.04 0.00	47.02 0.01 1.17	53.14 -0.05 1.13	62.01 -0.05 0.39	71.13 -0.09 1.71	79.32 -0.22 1.53	87.16 -0.13 1.46	79.53 -0.27 2.39	80.67 -0.17 1.64	53.68 -0.05 1.33	44.05 0.09 0.04	44.43 0.18 0.52	52.91 0.02 0.14	58.09 0.10 0.00	64.36 -0.02 0.00	61.86 -0.09 2.01	56.70 -0.07 0.61	46.61 -0.07 0.00	45.98 0.06 0.00
MAPLE_RIDGE_WT_1 323574	38.28 -0.25 0.00	32.85 -0.13 0.00	32.68 -0.11 0.00	34.30 -0.17 0.00	31.17 -0.44 0.00	37.83 -0.52 0.00	48.08 -0.10 0.00	54.33 0.02 0.00	62.47 0.02 0.00	72.85 -0.09 0.00	80.98 -0.09 0.00	88.74 -0.02 0.00	80.92 0.09 1.35	82.61 0.13 0.00	55.11 0.05 0.00	44.07 0.07 0.00	44.83 0.06 0.00	53.11 0.07 0.00	58.06 0.07 0.00	64.31 -0.06 0.00	63.97 0.02 0.00	57.38 0.00 0.00	46.81 0.13 0.00	45.99 0.07 0.00
MAPLE_RIDGE_WT_2 323611	38.28 -0.25 0.00	32.85 -0.13 0.00	32.68 -0.11 0.00	34.30 -0.17 0.00	31.17 -0.44 0.00	37.83 -0.52 0.00	48.08 -0.10 0.00	54.33 0.02 0.00	62.47 0.02 0.00	72.85 -0.09 0.00	80.98 -0.09 0.00	88.74 -0.02 0.00	80.92 0.09 1.35	82.61 0.13 0.00	55.11 0.05 0.00	44.07 0.07 0.00	44.83 0.06 0.00	53.11 0.07 0.00	58.06 0.07 0.00	64.31 -0.06 0.00	63.97 0.02 0.00	57.38 0.00 0.00	46.81 0.13 0.00	45.99 0.07 0.00
MARBLE_RIVER_WT_PWR 323696	39.16 0.64 0.00	33.63 0.66 0.00	33.43 0.64 0.00	35.40 0.93 0.00	32.00 0.39 0.00	38.83 0.48 0.00	49.09 0.91 0.00	55.41 1.09 0.00	62.87 0.42 0.00	73.94 1.01 0.00	83.24 2.18 0.00	91.39 2.63 0.00	89.44 3.15 -4.11	85.30 2.82 0.00	56.52 1.46 0.00	45.23 1.23 0.00	46.07 1.31 0.00	54.74 1.70 0.00	59.84 1.85 0.00	66.39 2.01 0.00	65.66 1.70 0.00	59.33 1.96 0.00	48.15 1.47 0.00	47.15 1.23 0.00
MARSHVLE_115KV_TB1 80742	39.81 1.83 0.54	34.39 1.48 0.06	34.17 1.39 0.00	35.91 1.44 0.00	32.96 1.34 0.00	40.07 1.72 0.00	49.87 2.44 0.75	56.71 3.09 0.70	65.72 3.51 0.24	75.90 4.02 1.06	84.62 4.50 0.94	92.82 4.96 0.90	85.07 4.37 1.48	85.77 4.31 1.02	57.09 2.84 0.82	46.38 2.41 0.03	46.94 2.49 0.32	56.05 3.10 0.09	61.37 3.38 0.00	67.91 3.53 0.00	66.28 3.57 1.24	60.17 3.17 0.38	49.20 2.52 0.00	48.23 2.31 0.00
MARSH_HILL_WT_PWR 323713	41.30 1.25 -1.53	34.72 0.96 -0.78	34.69 1.09 -0.83	36.54 1.01 -1.06	33.01 0.60 -0.80	41.38 1.11 -1.92	52.51 1.04 -3.29	61.20 1.87 -5.02	71.35 2.25 -6.65	83.74 2.72 -8.09	91.55 2.34 -8.14	97.80 2.41 -6.64	89.39 1.72 -5.49	89.72 1.70 -5.54	59.66 0.71 -3.89	46.06 -0.02 -2.08	46.89 -0.11 -2.23	55.88 -0.41 -3.26	60.92 -0.39 -3.31	69.19 0.50 -4.32	68.88 0.62 -4.31	61.47 0.39 -3.70	49.47 0.53 -2.26	48.29 0.08 -2.30
MCINTYRE_115KV_TB2 80467	40.49 1.61 -0.35	34.61 1.46 -0.18	34.43 1.45 -0.19	36.28 1.56 -0.25	33.24 1.44 -0.19	40.59 1.79 -0.45	51.72 2.78 -0.77	58.73 3.25 -1.16	67.53 3.54 -1.54	78.55 3.73 -1.88	87.48 4.53 -1.88	94.63 4.33 -1.54	148.22 4.62 -61.41	88.10 4.34 -1.29	58.74 2.77 -0.90	46.53 2.05 -0.48	47.17 1.87 -0.52	56.13 2.20 -0.90	61.39 2.48 -0.92	68.46 2.89 -1.20	68.18 3.04 -1.19	61.25 2.85 -1.02	49.73 2.42 -0.63	48.67 2.12 -0.63
MECO_____69_KV_BK1 80468	39.90 1.97 0.60	34.53 1.63 0.07	34.32 1.54 0.00	36.07 1.60 0.00	33.12 1.51 0.00	40.28 1.93 0.00	50.04 2.69 0.83	56.88 3.34 0.78	65.93 3.75 0.27	76.09 4.34 1.18	84.80 4.79 1.06	93.01 5.27 1.00	85.13 4.60 1.65	85.90 4.56 1.14	56.99 2.84 0.91	46.37 2.41 0.03	47.11 2.69 0.36	56.36 3.43 0.10	61.77 3.78 0.00	68.39 4.01 0.00	66.57 4.00 1.38	60.40 3.44 0.42	49.36 2.68 0.00	48.40 2.49 0.00
MENANDS___115KV_TB5 355628	37.42 -0.26 0.85	32.68 -0.19 0.10	32.56 -0.22 0.00	34.23 -0.23 0.00	31.45 -0.16 0.00	38.10 -0.25 0.00	46.65 -0.37 1.17	52.68 -0.51 1.13	61.49 -0.57 0.39	70.51 -0.72 1.70	78.62 -0.93 1.52	86.38 -0.93 1.45	78.80 -1.00 2.38	79.94 -0.89 1.64	53.22 -0.52 1.32	43.68 -0.28 0.04	44.06 -0.20 0.51	52.46 -0.43 0.14	57.59 -0.40 0.00	63.82 -0.56 0.00	61.31 -0.64 2.00	56.20 -0.57 0.61	46.22 -0.46 0.00	45.61 -0.30 0.00
MG INDUSTRY___DRP 24185	37.12 -0.94 0.46	32.17 -0.75 0.05	32.06 -0.72 0.00	33.71 -0.76 0.00	30.95 -0.67 0.00	37.45 -0.90 0.00	46.38 -1.17 0.63	52.34 -1.41 0.57	60.58 -1.67 0.19	70.05 -2.03 0.86	77.97 -2.33 0.77	85.48 -2.55 0.73	78.56 -2.42 1.20	79.29 -2.36 0.83	52.84 -1.56 0.67	42.86 -1.12 0.02	43.47 -1.04 0.26	51.60 -1.37 0.07	56.55 -1.44 0.00	62.67 -1.70 0.00	61.29 -1.66 1.01	55.55 -1.52 0.30	45.77 -0.91 0.00	45.81 -0.11 0.00

MID___OSWEGATCHIE_HYD 23849	40.34 1.03 -0.77	34.28 0.91 -0.40	34.12 0.92 -0.42	36.02 1.01 -0.54	32.97 0.95 -0.41	40.16 0.83 -0.97	51.73 1.89 -1.67	59.21 2.36 -2.53	68.49 2.68 -3.36	80.24 3.21 -4.09	88.96 3.80 -4.09	96.07 3.95 -3.36	125.41 3.92 -39.31	89.00 3.72 -2.81	59.42 2.39 -1.97	46.82 1.77 -1.05	47.57 1.66 -1.14	56.72 1.73 -1.96	61.80 1.82 -1.99	69.23 2.26 -2.59	69.03 2.50 -2.59	62.12 2.52 -2.22	50.18 2.14 -1.36	49.15 1.85 -1.38
MID___RAQUETTE_HYD 23851	39.90 0.96 -0.41	34.09 0.90 -0.21	33.93 0.92 -0.23	35.75 1.00 -0.29	32.71 0.88 -0.22	39.90 1.02 -0.52	50.92 1.85 -0.89	57.89 2.21 -1.36	66.67 2.42 -1.80	77.90 2.78 -2.19	86.65 3.39 -2.19	93.83 3.27 -1.80	140.95 3.56 -55.20	87.21 3.23 -1.50	58.09 1.97 -1.05	45.95 1.39 -0.56	46.52 1.13 -0.61	55.26 1.17 -1.05	60.25 1.19 -1.07	67.20 1.43 -1.40	67.06 1.72 -1.39	60.44 1.87 -1.20	49.13 1.72 -0.73	48.13 1.48 -0.74
MILLIKEN___1 23584	41.46 0.78 -2.16	34.60 0.52 -1.11	34.48 0.53 -1.17	36.57 0.61 -1.50	33.32 0.59 -1.13	41.91 0.85 -2.71	53.89 1.07 -4.65	62.78 1.39 -7.07	73.38 1.56 -9.38	86.10 1.76 -11.40	94.84 1.97 -11.80	100.71 2.17 -9.78	92.12 1.84 -8.10	92.52 2.00 -8.05	61.94 1.40 -5.48	47.94 1.01 -2.93	48.89 0.98 -3.14	58.83 1.20 -4.60	63.85 1.19 -4.67	72.08 1.62 -6.09	71.63 1.61 -6.07	63.93 1.34 -5.22	50.84 0.98 -3.19	50.09 0.93 -3.23
MILLIKEN___2 23585	41.46 0.78 -2.16	34.60 0.52 -1.11	34.48 0.53 -1.17	36.57 0.61 -1.50	33.32 0.59 -1.13	41.91 0.85 -2.71	53.89 1.07 -4.65	62.78 1.39 -7.07	73.38 1.56 -9.38	86.10 1.76 -11.40	94.84 1.97 -11.80	100.71 2.17 -9.78	92.12 1.84 -8.10	92.52 2.00 -8.05	61.94 1.40 -5.48	47.94 1.01 -2.93	48.89 0.98 -3.14	58.83 1.20 -4.60	63.85 1.19 -4.67	72.08 1.62 -6.09	71.63 1.61 -6.07	63.93 1.34 -5.22	50.84 0.98 -3.19	50.09 0.93 -3.23
MILLIKEN___DIESEL 23629	41.46 0.78 -2.16	34.60 0.52 -1.11	34.48 0.53 -1.17	36.57 0.61 -1.50	33.32 0.59 -1.13	41.91 0.85 -2.71	53.89 1.07 -4.65	62.78 1.39 -7.07	73.38 1.56 -9.38	86.10 1.76 -11.40	94.84 1.97 -11.80	100.71 2.17 -9.78	92.12 1.84 -8.10	92.52 2.00 -8.05	61.94 1.40 -5.48	47.94 1.01 -2.93	48.89 0.98 -3.14	58.83 1.20 -4.60	63.85 1.19 -4.67	72.08 1.62 -6.09	71.63 1.61 -6.07	63.93 1.34 -5.22	50.84 0.98 -3.19	50.09 0.93 -3.23
MILLSEAT___LFGE 323607	41.22 1.60 -1.09	34.77 1.24 -0.56	34.61 1.24 -0.59	36.55 1.33 -0.75	33.36 1.18 -0.57	41.63 1.92 -1.36	52.21 1.69 -2.34	60.08 2.20 -3.56	69.88 2.70 -4.73	81.89 3.20 -5.75	90.66 3.79 -5.80	97.40 3.91 -4.73	88.89 2.79 -3.92	89.06 2.64 -3.95	59.47 1.64 -2.76	46.34 0.86 -1.48	46.95 0.60 -1.59	56.24 0.89 -2.32	60.81 0.47 -2.35	68.10 0.66 -3.07	68.30 1.29 -3.06	61.66 1.65 -2.63	49.94 1.65 -1.61	49.21 1.67 -1.63
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.66 1.20 -0.93	33.96 0.88 -0.11	33.48 0.70 0.00	35.15 0.68 0.00	32.35 0.74 0.00	39.30 0.94 0.00	50.30 0.84 -1.28	56.68 0.88 -1.48	63.88 0.92 -0.51	76.35 1.17 -2.24	84.42 1.35 -2.00	92.41 1.75 -1.91	87.01 1.70 -3.13	86.29 1.66 -2.15	58.02 1.23 -1.73	45.31 1.26 -0.06	47.06 1.62 -0.68	55.14 1.93 -0.18	60.14 2.15 0.00	66.76 2.39 0.00	68.57 1.99 -2.62	59.60 1.43 -0.80	47.79 1.11 0.00	47.21 1.29 0.00
MILLWOOD_13_KV_LOAD 356217	40.73 1.27 -0.93	34.01 0.93 -0.11	33.54 0.76 0.00	35.21 0.74 0.00	32.41 0.79 0.00	39.36 1.01 0.00	50.39 0.92 -1.28	56.78 0.98 -1.48	64.01 1.06 -0.51	76.49 1.31 -2.24	84.58 1.51 -2.00	92.61 1.95 -1.91	87.17 1.86 -3.13	86.45 1.83 -2.15	58.14 1.34 -1.73	45.40 1.34 -0.06	47.16 1.71 -0.68	55.25 2.04 -0.18	60.28 2.29 0.00	66.90 2.53 0.00	68.70 2.13 -2.62	59.73 1.55 -0.80	47.89 1.21 0.00	47.29 1.37 0.00
MODEL_CITY_ENERGY 24167	40.17 0.54 -1.11	33.89 0.34 -0.57	33.76 0.38 -0.60	35.67 0.44 -0.76	32.54 0.35 -0.58	40.65 0.91 -1.39	50.58 0.02 -2.38	58.07 0.12 -3.63	67.50 0.24 -4.82	79.09 0.30 -5.85	87.65 0.67 -5.90	94.10 0.53 -4.81	85.79 -0.38 -3.99	85.96 -0.53 -4.02	57.47 -0.40 -2.82	44.75 -0.76 -1.51	45.16 -1.22 -1.61	54.04 -1.35 -2.36	58.26 -2.13 -2.40	65.19 -2.31 -3.13	65.59 -1.48 -3.12	59.44 -0.61 -2.68	48.41 0.09 -1.64	47.90 0.32 -1.66
MODERN_LFGE___ 323580	40.17 0.54 -1.11	33.89 0.34 -0.57	33.76 0.38 -0.60	35.67 0.44 -0.76	32.54 0.35 -0.58	40.65 0.91 -1.39	50.58 0.02 -2.38	58.07 0.12 -3.63	67.50 0.24 -4.82	79.09 0.30 -5.85	87.65 0.67 -5.90	94.10 0.53 -4.81	85.79 -0.38 -3.99	85.96 -0.53 -4.02	57.47 -0.40 -2.82	44.75 -0.76 -1.51	45.16 -1.22 -1.61	54.04 -1.35 -2.36	58.26 -2.13 -2.40	65.19 -2.31 -3.13	65.59 -1.48 -3.12	59.44 -0.61 -2.68	48.41 0.09 -1.64	47.90 0.32 -1.66
MOHAWK_PAPER___DRP 24187	37.71 0.03 0.85	32.93 0.06 0.10	32.81 0.02 0.00	34.49 0.02 0.00	31.67 0.06 0.00	38.39 0.04 0.00	47.02 0.01 1.17	53.14 -0.05 1.13	62.01 -0.05 0.39	71.13 -0.09 1.71	79.32 -0.22 1.53	87.16 -0.13 1.46	79.53 -0.27 2.39	80.67 -0.17 1.64	53.68 -0.05 1.33	44.05 0.09 0.04	44.43 0.18 0.52	52.91 0.02 0.14	58.09 0.10 0.00	64.36 -0.02 0.00	61.86 -0.09 2.01	56.70 -0.07 0.61	46.61 -0.07 0.00	45.98 0.06 0.00
MOHICAN___35_KV_115KV_LD 80490	38.76 1.18 0.94	33.97 1.11 0.11	33.85 1.07 0.00	35.60 1.14 0.00	32.65 1.03 0.00	39.76 1.40 0.00	48.73 1.85 1.30	55.05 1.99 1.27	64.14 2.13 0.43	73.44 2.41 1.91	81.83 2.47 1.71	89.97 2.85 1.63	81.94 2.43 2.67	83.16 2.52 1.84	55.18 1.60 1.48	45.43 1.48 0.05	45.88 1.69 0.58	54.78 1.91 0.15	60.15 2.17 0.00	66.52 2.14 0.00	63.66 1.95 2.24	58.89 2.20 0.68	48.35 1.67 0.00	47.45 1.53 0.00
MONGAUP___HYD 23641	40.59 1.28 -0.79	34.16 1.09 -0.09	33.62 0.84 0.00	35.43 0.96 0.00	32.59 0.98 0.00	39.42 1.06 0.00	50.43 1.16 -1.09	56.95 1.32 -1.31	64.32 1.43 -0.45	76.67 1.75 -1.98	85.15 2.31 -1.77	92.80 2.36 -1.69	87.09 2.14 -2.77	86.28 1.90 -1.91	58.01 1.41 -1.53	45.55 1.50 -0.05	47.10 1.73 -0.60	55.24 2.05 -0.16	60.54 2.55 0.00	67.23 2.86 0.00	68.82 2.55 -2.32	60.01 1.93 -0.71	48.13 1.45 0.00	47.44 1.52 0.00
MONTAUK___DIESEL 23721	41.59 2.56 -0.50	30.89 1.94 4.03	34.20 1.51 0.10	35.94 1.48 0.00	32.53 1.49 0.57	36.55 1.95 3.76	46.80 0.03 1.40	46.17 -1.31 6.85	46.08 -1.74 14.63	46.18 -1.69 25.06	43.16 -1.02 36.89	43.13 -1.22 44.41	40.41 -1.05 40.71	11.57 -1.08 69.83	11.46 -0.67 42.93	11.37 -0.20 32.43	11.65 0.20 33.32	12.24 0.18 40.97	11.41 0.42 47.00	24.82 0.46 40.02	21.20 0.00 42.75	31.19 -0.49 25.70	44.73 -0.50 1.45	45.61 -0.25 0.05
MOONROAD_115KV_HARTFLD_TB1-2 355988	41.39 1.71 -1.16	34.82 1.25 -0.60	34.73 1.32 -0.63	36.75 1.47 -0.80	33.47 1.25 -0.60	41.74 1.93 -1.45	52.74 2.07 -2.50	60.92 2.79 -3.81	70.70 3.19 -5.06	83.08 3.99 -6.15	91.88 4.61 -6.20	99.04 5.23 -5.06	90.31 3.94 -4.19	90.42 3.72 -4.22	60.19 2.17 -2.96	46.64 1.06 -1.58	46.88 0.42 -1.69	56.26 0.75 -2.48	60.89 0.39 -2.51	68.25 0.60 -3.28	68.24 1.02 -3.27	61.68 1.50 -2.81	49.68 1.28 -1.72	48.92 1.26 -1.74

MORRIS_RIDGE___SOLAR 323848	40.61 0.72 -1.36	34.19 0.52 -0.70	34.17 0.65 -0.74	36.11 0.70 -0.94	32.82 0.50 -0.71	40.94 0.89 -1.70	51.68 0.59 -2.92	59.83 1.06 -4.45	69.62 1.26 -5.91	81.62 1.50 -7.18	89.74 1.44 -7.23	96.14 1.49 -5.89	88.04 0.98 -4.88	88.14 0.74 -4.92	58.68 0.16 -3.45	45.41 -0.43 -1.85	46.29 -0.46 -1.98	55.50 -0.43 -2.90	60.15 -0.78 -2.94	67.87 -0.34 -3.83	67.80 0.02 -3.82	60.83 0.17 -3.29	48.98 0.29 -2.01	48.20 0.24 -2.04
MORTIMER_115KV_TB3 55949	40.33 0.77 -1.03	34.06 0.56 -0.53	33.90 0.55 -0.56	35.79 0.60 -0.72	32.68 0.53 -0.54	40.58 0.93 -1.30	51.43 1.03 -2.23	59.02 1.31 -3.39	68.51 1.56 -4.50	80.27 1.87 -5.47	88.93 2.35 -5.52	95.80 2.54 -4.50	87.80 1.89 -3.73	88.03 1.80 -3.75	58.84 1.15 -2.63	46.09 0.68 -1.41	46.84 0.56 -1.51	56.07 0.84 -2.20	60.83 0.60 -2.24	68.02 0.73 -2.92	67.85 0.98 -2.91	60.94 1.06 -2.50	49.07 0.87 -1.53	48.29 0.82 -1.55
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.97 1.50 -0.94	34.20 1.12 -0.11	33.70 0.92 0.00	35.37 0.90 0.00	32.57 0.95 0.00	39.59 1.24 0.00	50.59 1.12 -1.29	57.03 1.23 -1.49	64.33 1.37 -0.51	76.91 1.73 -2.25	85.05 1.97 -2.01	93.15 2.48 -1.91	87.70 2.38 -3.14	86.98 2.34 -2.16	58.50 1.69 -1.74	45.69 1.63 -0.06	47.48 2.03 -0.68	55.64 2.43 -0.18	60.64 2.65 0.00	67.30 2.93 0.00	69.08 2.49 -2.64	60.00 1.82 -0.80	48.12 1.44 0.00	47.53 1.61 0.00
MUNSVILLE_WIND_PWR 323609	42.10 2.07 -1.50	35.23 1.49 -0.77	34.90 1.30 -0.82	37.07 1.56 -1.04	33.73 1.34 -0.78	42.34 2.11 -1.89	54.35 2.93 -3.24	62.83 3.56 -4.95	73.00 3.97 -6.57	85.76 4.84 -7.99	94.65 5.56 -8.02	101.49 6.22 -6.52	93.18 5.61 -5.39	93.88 5.96 -5.45	63.33 4.43 -3.84	49.25 3.19 -2.06	49.93 2.96 -2.20	60.27 4.02 -3.22	65.48 4.22 -3.27	73.32 4.68 -4.27	72.77 4.56 -4.25	65.12 4.09 -3.66	52.07 3.16 -2.24	51.21 3.02 -2.27
N SALMON___HYD 24042	39.52 1.00 0.00	33.93 0.96 0.00	33.76 0.98 0.00	35.64 1.17 0.00	32.47 0.85 0.00	39.42 1.06 0.00	49.93 1.75 0.00	56.43 2.12 0.00	64.65 2.20 0.00	75.62 2.68 0.00	84.65 3.59 0.00	92.74 3.99 0.00	105.91 4.21 -19.52	86.23 3.75 0.00	57.17 2.10 0.00	45.60 1.60 0.00	46.28 1.51 0.00	54.94 1.91 0.00	60.07 2.08 0.00	66.75 2.38 0.00	66.36 2.41 0.00	59.65 2.28 0.00	48.55 1.86 0.00	47.53 1.61 0.00
N.AKRON__115KV_KNAPP 355671	41.35 1.74 -1.09	34.88 1.35 -0.56	34.72 1.35 -0.59	36.68 1.46 -0.75	33.46 1.28 -0.57	41.77 2.05 -1.37	52.39 1.87 -2.35	60.18 2.28 -3.57	69.91 2.72 -4.74	81.91 3.21 -5.76	90.87 3.99 -5.81	97.70 4.20 -4.74	89.13 3.02 -3.92	89.30 2.87 -3.95	59.63 1.79 -2.77	46.48 1.00 -1.48	47.06 0.70 -1.59	56.39 1.03 -2.33	60.98 0.64 -2.36	68.35 0.90 -3.08	68.50 1.48 -3.07	61.84 1.82 -2.64	50.07 1.77 -1.61	49.37 1.82 -1.64
N.E_GEN_SANDY PD 24062	30.76 0.30 8.06	32.33 0.29 0.93	32.98 0.20 0.00	34.68 0.21 0.00	31.68 0.23 0.17	38.84 0.32 -0.17	37.30 0.23 11.11	42.99 0.07 11.40	58.53 -0.03 3.89	55.63 -0.09 17.22	65.52 -0.17 15.38	74.03 -0.07 14.66	57.92 -0.22 24.04	65.80 -0.12 16.55	41.73 0.00 13.33	43.72 0.22 0.50	39.92 0.36 5.21	51.24 0.19 1.99	58.75 0.40 -0.36	64.68 0.30 0.00	43.88 0.10 20.17	51.35 0.10 6.13	46.81 0.13 0.00	46.93 0.28 -0.73
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.66 1.25 -0.88	33.97 0.89 -0.10	33.48 0.70 0.00	35.15 0.68 0.00	32.36 0.74 0.00	39.31 0.96 0.00	50.28 0.89 -1.22	56.67 0.92 -1.42	63.88 0.95 -0.49	76.30 1.21 -2.15	84.40 1.41 -1.92	92.41 1.82 -1.83	86.96 1.78 -3.00	86.28 1.74 -2.07	58.01 1.29 -1.67	45.34 1.29 -0.06	47.11 1.69 -0.65	55.25 2.05 -0.17	60.31 2.32 0.00	66.95 2.57 0.00	68.60 2.13 -2.52	59.68 1.53 -0.77	47.85 1.17 0.00	47.28 1.36 0.00
N.QUEENS_27_KV_LOAD 356247	40.96 1.49 -0.94	34.17 1.09 -0.11	33.65 0.87 0.00	35.31 0.84 0.00	32.54 0.93 0.00	39.54 1.19 0.00	50.50 1.03 -1.29	57.67 1.32 -2.03	65.84 1.68 -1.71	78.52 1.92 -3.67	84.89 1.81 -2.01	92.97 2.30 -1.91	87.59 2.27 -3.14	86.86 2.22 -2.16	58.43 1.62 -1.74	45.64 1.58 -0.06	47.41 1.96 -0.68	55.53 2.32 -0.18	60.46 2.47 0.00	67.37 2.80 -0.19	68.90 2.31 -2.64	60.29 1.66 -1.25	48.35 1.44 -0.23	47.53 1.62 0.00
N.TROY___115KV_TB1 355778	37.71 0.42 1.24	33.26 0.43 0.14	33.16 0.38 0.00	34.87 0.40 0.00	32.00 0.39 0.00	38.87 0.52 0.00	47.09 0.62 1.71	53.19 0.56 1.69	62.43 0.55 0.58	70.97 0.58 2.55	79.31 0.51 2.28	87.22 0.63 2.17	79.00 0.38 3.56	80.51 0.49 2.45	53.46 0.37 1.97	44.36 0.43 0.06	44.54 0.54 0.77	53.22 0.39 0.20	58.52 0.54 0.00	64.77 0.40 0.00	61.18 0.21 2.99	56.78 0.31 0.91	46.94 0.25 0.00	46.27 0.35 0.00
NARROWS_GT1_1 24228	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00
NARROWS_GT1_2 24229	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00
NARROWS_GT1_3 24230	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00
NARROWS_GT1_4 24231	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00
NARROWS_GT1_5 24232	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00

NARROWS_GT1_6 24233	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00
NARROWS_GT1_7 24234	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00
NARROWS_GT1_8 24235	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00
NARROWS_GT2_1 24236	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00
NARROWS_GT2_2 24237	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00
NARROWS_GT2_3 24238	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00
NARROWS_GT2_4 24239	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00
NARROWS_GT2_5 24240	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00
NARROWS_GT2_6 24241	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00
NARROWS_GT2_7 24242	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00
NARROWS_GT2_8 24243	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.18 -1.29	57.05 1.24 -1.49	64.11 1.16 -0.51	76.49 1.31 -2.25	84.65 1.57 -2.01	92.74 2.07 -1.91	87.35 2.03 -3.14	86.61 1.97 -2.16	58.27 1.46 -1.74	45.54 1.49 -0.06	47.38 1.93 -0.68	55.55 2.34 -0.18	60.52 2.53 0.00	67.28 2.90 0.00	69.01 2.42 -2.64	59.89 1.71 -0.80	48.02 1.34 0.00	47.47 1.55 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.06 -0.15 0.32	32.84 -0.10 0.04	32.68 -0.11 0.00	34.36 -0.11 0.00	31.54 -0.07 0.00	38.24 -0.11 0.00	47.82 0.06 0.42	54.12 0.13 0.33	62.48 0.15 0.11	72.62 0.19 0.51	80.76 0.14 0.45	88.27 -0.06 0.43	81.55 0.08 0.70	82.17 0.18 0.48	54.68 0.00 0.39	44.02 0.04 0.01	44.80 0.19 0.15	53.12 0.13 0.04	58.19 0.20 0.00	64.46 0.08 0.00	63.53 0.17 0.59	57.20 0.00 0.18	46.62 -0.06 0.00	46.03 0.11 0.00
NCHELSEA_115KV_TR2 355582	40.63 1.32 -0.78	34.09 1.01 -0.10	33.65 0.87 0.00	35.34 0.87 0.00	32.50 0.89 0.00	39.46 1.11 0.00	50.55 1.16 -1.21	57.03 1.30 -1.41	64.38 1.45 -0.48	76.85 1.80 -2.12	84.97 2.01 -1.90	93.02 2.45 -1.81	87.47 2.32 -2.96	86.85 2.33 -2.04	58.38 1.67 -1.64	45.65 1.60 -0.05	47.35 1.93 -0.64	55.49 2.29 -0.17	60.54 2.55 0.00	67.22 2.85 0.00	68.93 2.48 -2.49	60.05 1.92 -0.76	48.14 1.46 0.00	47.45 1.53 0.00
NEG CAPITAL___MECHNVIL 23645	38.54 1.07 1.06	33.81 0.96 0.12	33.71 0.93 0.00	35.46 0.99 0.00	32.53 0.92 0.00	39.53 1.18 0.00	48.23 1.52 1.47	54.50 1.63 1.44	63.72 1.76 0.49	72.77 2.01 2.18	81.30 2.18 1.95	89.36 2.46 1.86	81.23 2.10 3.04	82.57 2.19 2.10	54.86 1.48 1.69	45.25 1.31 0.06	45.58 1.47 0.66	54.48 1.62 0.18	59.87 1.88 0.00	66.26 1.89 0.00	63.11 1.71 2.55	58.27 1.67 0.78	47.98 1.30 0.00	47.19 1.28 0.00
NEG CENTRAL_HIGH_ACRES 23767	39.61 -0.15 -1.23	33.40 -0.21 -0.63	33.25 -0.20 -0.67	35.15 -0.17 -0.85	32.10 -0.16 -0.64	39.97 0.07 -1.55	50.88 0.05 -2.66	58.59 0.23 -4.04	68.15 0.34 -5.36	79.89 0.44 -6.52	88.27 0.62 -6.58	94.79 0.66 -5.38	86.87 0.24 -4.45	87.11 0.15 -4.48	58.23 0.03 -3.13	45.49 -0.18 -1.68	46.26 -0.30 -1.80	55.43 -0.23 -2.63	60.18 -0.48 -2.67	67.40 -0.45 -3.48	67.15 -0.27 -3.47	60.25 -0.11 -2.98	48.37 -0.13 -1.82	47.56 -0.20 -1.85

NEG CENTRAL___DRP 24199	42.31 1.14 -2.64	35.24 0.91 -1.35	35.17 0.96 -1.43	37.31 1.01 -1.83	33.93 0.94 -1.37	42.95 1.28 -3.31	55.39 1.53 -5.68	65.01 2.07 -8.61	76.17 2.29 -11.43	89.22 2.39 -13.90	97.22 2.16 -13.99	102.63 2.42 -11.45	94.72 2.01 -10.53	94.31 2.28 -9.55	63.54 1.80 -6.68	48.72 1.15 -3.57	49.79 1.19 -3.83	60.26 1.62 -5.61	65.40 1.71 -5.70	73.98 2.18 -7.42	73.40 2.05 -7.40	65.53 1.79 -6.36	51.87 1.30 -3.89	51.03 1.17 -3.94
NEG CENTRAL___INDECK 23768	41.90 2.07 -1.30	35.31 1.67 -0.67	35.19 1.71 -0.71	37.18 1.81 -0.90	33.86 1.57 -0.68	42.30 2.32 -1.63	53.77 2.79 -2.80	62.21 3.62 -4.27	72.28 4.17 -5.67	84.67 4.84 -6.89	93.14 5.13 -6.94	99.86 5.44 -5.66	91.48 4.61 -4.69	91.39 4.19 -4.72	60.74 2.37 -3.31	47.11 1.34 -1.77	48.13 1.46 -1.90	58.03 2.22 -2.78	63.05 2.24 -2.82	71.16 3.11 -3.68	71.07 3.45 -3.67	63.63 3.11 -3.15	51.08 2.47 -1.93	50.07 2.20 -1.95
NEG CENTRAL___SENECA 23627	42.53 1.67 -2.33	35.58 1.41 -1.20	35.51 1.47 -1.26	37.63 1.55 -1.61	34.23 1.40 -1.22	43.11 1.84 -2.92	55.35 2.16 -5.01	64.86 2.93 -7.62	75.80 3.24 -10.11	88.60 3.37 -12.29	96.38 2.94 -12.37	102.15 3.28 -10.11	93.37 2.81 -8.37	94.03 3.13 -8.44	63.48 2.51 -5.91	48.78 1.62 -3.16	49.83 1.67 -3.39	60.30 2.31 -4.96	65.50 2.47 -5.04	74.03 3.09 -6.56	73.35 2.85 -6.54	65.57 2.57 -5.62	52.00 1.89 -3.44	51.07 1.67 -3.49
NEG CENTRAL___STATE_STREET 24147	41.83 0.57 -2.73	34.69 0.31 -1.40	34.58 0.32 -1.48	36.73 0.37 -1.89	33.49 0.45 -1.42	42.48 0.70 -3.43	54.94 0.88 -5.88	64.37 1.13 -8.92	75.53 1.24 -11.84	88.48 1.14 -14.40	97.00 1.40 -14.53	102.12 1.43 -11.93	94.33 1.18 -10.97	93.82 1.42 -9.93	63.01 1.03 -6.92	48.39 0.69 -3.70	49.46 0.72 -3.97	59.61 0.77 -5.81	64.63 0.74 -5.90	73.23 1.17 -7.68	72.72 1.11 -7.66	64.79 0.83 -6.59	51.35 0.65 -4.03	50.69 0.69 -4.08
NEG MILLWOOD___DRP 24198	40.81 1.43 -0.85	34.17 1.08 -0.11	33.71 0.93 0.00	35.40 0.93 0.00	32.56 0.94 0.00	39.55 1.20 0.00	50.70 1.25 -1.28	57.18 1.40 -1.47	64.51 1.57 -0.50	77.08 1.93 -2.22	85.22 2.17 -1.98	93.32 2.68 -1.89	87.81 2.54 -3.09	87.11 2.50 -2.13	58.57 1.79 -1.72	45.75 1.69 -0.06	47.47 2.03 -0.67	55.63 2.42 -0.18	60.71 2.72 0.00	67.39 3.01 0.00	69.19 2.64 -2.60	60.20 2.03 -0.79	48.23 1.55 0.00	47.55 1.63 0.00
NEG NORTH_FLCN_SEA 23793	39.50 0.97 0.00	33.90 0.92 0.00	33.69 0.91 0.00	35.62 1.15 0.00	32.26 0.64 0.00	39.06 0.70 0.00	49.27 1.09 0.00	55.38 1.06 0.00	63.09 0.64 0.00	73.99 1.06 0.00	83.14 2.07 0.00	91.30 2.55 0.00	89.29 3.00 -4.11	85.12 2.64 0.00	56.41 1.35 0.00	45.15 1.15 0.00	45.97 1.20 0.00	54.58 1.56 0.00	59.70 1.71 0.00	66.24 1.87 0.00	65.56 1.60 0.00	59.42 2.04 0.00	48.49 1.80 0.00	47.49 1.57 0.00
NEG NORTH_KES_CHATEGAY 23792	39.15 0.63 0.00	33.63 0.66 0.00	33.47 0.69 0.00	35.35 0.88 0.00	32.14 0.53 0.00	39.04 0.69 0.00	49.34 1.16 0.00	55.67 1.35 0.00	63.64 1.19 0.00	74.41 1.48 0.00	83.14 2.07 0.00	91.23 2.47 0.00	92.75 2.60 -7.97	84.87 2.40 0.00	56.36 1.30 0.00	45.00 1.00 0.00	45.76 0.99 0.00	54.38 1.35 0.00	59.51 1.52 0.00	66.10 1.73 0.00	65.61 1.66 0.00	58.98 1.60 0.00	47.99 1.31 0.00	47.06 1.14 0.00
NEG NORTH___ALICE_FALLS 23915	39.58 1.05 0.00	33.97 1.00 0.00	33.77 0.99 0.00	35.67 1.20 0.00	32.37 0.76 0.00	39.28 0.93 0.00	49.63 1.45 0.00	55.90 1.58 0.00	63.76 1.31 0.00	74.71 1.77 0.00	83.86 2.79 0.00	92.00 3.24 0.00	90.62 3.63 -4.81	85.73 3.26 0.00	56.83 1.76 0.00	45.44 1.44 0.00	46.25 1.48 0.00	54.97 1.94 0.00	60.13 2.14 0.00	66.77 2.39 0.00	66.13 2.18 0.00	59.77 2.39 0.00	48.62 1.94 0.00	47.58 1.67 0.00
NEG NORTH___LWR_SARANAC 23913	39.58 1.05 0.00	33.97 1.00 0.00	33.77 0.99 0.00	35.67 1.20 0.00	32.37 0.76 0.00	39.28 0.93 0.00	49.63 1.45 0.00	55.90 1.58 0.00	63.76 1.31 0.00	74.71 1.77 0.00	83.86 2.79 0.00	92.00 3.24 0.00	90.62 3.63 -4.81	85.73 3.26 0.00	56.83 1.76 0.00	45.44 1.44 0.00	46.25 1.48 0.00	54.97 1.94 0.00	60.13 2.14 0.00	66.77 2.39 0.00	66.13 2.18 0.00	59.77 2.39 0.00	48.62 1.94 0.00	47.58 1.67 0.00
NEG NORTH___PLATTSBURG 23628	39.58 1.05 0.00	33.97 1.00 0.00	33.77 0.99 0.00	35.67 1.20 0.00	32.37 0.76 0.00	39.28 0.93 0.00	49.63 1.45 0.00	55.90 1.58 0.00	63.75 1.30 0.00	74.72 1.79 0.00	83.87 2.80 0.00	92.01 3.25 0.00	90.63 3.64 -4.81	85.75 3.28 0.00	56.83 1.77 0.00	45.44 1.44 0.00	46.25 1.48 0.00	54.98 1.94 0.00	60.13 2.14 0.00	66.77 2.39 0.00	66.13 2.18 0.00	59.77 2.39 0.00	48.62 1.94 0.00	47.58 1.67 0.00
NEG WEST_LEA_LOCKPORT 23791	40.45 0.81 -1.11	34.12 0.58 -0.57	34.00 0.62 -0.60	35.92 0.69 -0.76	32.76 0.57 -0.58	40.91 1.17 -1.39	51.08 0.52 -2.38	58.53 0.58 -3.63	67.96 0.69 -4.82	79.62 0.83 -5.85	88.42 1.45 -5.90	95.04 1.47 -4.82	86.61 0.44 -3.99	86.80 0.31 -4.02	57.98 0.10 -2.82	45.15 -0.35 -1.51	45.61 -0.78 -1.61	54.60 -0.80 -2.36	58.90 -1.48 -2.40	65.94 -1.56 -3.13	66.27 -0.80 -3.12	60.02 -0.04 -2.68	48.75 0.43 -1.64	48.23 0.66 -1.66
NEG WEST___LANCASTR 23811	40.28 0.58 -1.17	33.94 0.37 -0.60	33.85 0.44 -0.63	35.78 0.51 -0.81	32.60 0.38 -0.61	40.69 0.87 -1.46	51.19 0.51 -2.51	58.84 0.70 -3.83	68.40 0.88 -5.08	80.30 1.19 -6.17	88.87 1.58 -6.22	95.59 1.76 -5.07	87.22 0.84 -4.20	87.43 0.72 -4.23	58.31 0.28 -2.97	45.42 -0.17 -1.59	46.01 -0.46 -1.70	55.21 -0.31 -2.49	59.54 -0.97 -2.53	66.71 -0.96 -3.29	66.90 -0.34 -3.28	60.38 0.18 -2.82	48.73 0.32 -1.73	48.05 0.38 -1.75
NEG_PENN_ALLEGHNY 23528	40.39 0.37 -1.49	33.98 0.24 -0.76	33.90 0.31 -0.81	35.88 0.37 -1.03	32.69 0.31 -0.78	40.66 0.44 -1.87	51.76 0.37 -3.21	59.87 0.64 -4.91	69.72 0.76 -6.52	81.90 1.04 -7.92	90.01 0.95 -7.99	96.38 1.13 -6.50	88.49 0.93 -5.38	88.86 0.96 -5.43	59.54 0.67 -3.81	46.47 0.44 -2.04	47.47 0.51 -2.19	56.99 0.76 -3.20	61.74 0.50 -3.25	69.29 0.68 -4.23	68.92 0.75 -4.22	61.67 0.66 -3.63	49.32 0.43 -2.22	48.59 0.42 -2.25
NEG___GEN_MONROE 24207	40.97 1.40 -1.04	34.61 1.10 -0.53	34.45 1.10 -0.56	36.37 1.18 -0.72	33.23 1.08 -0.54	41.33 1.68 -1.30	52.26 1.84 -2.23	59.86 2.14 -3.40	69.40 2.44 -4.51	81.30 2.88 -5.48	90.02 3.42 -5.53	97.02 3.75 -4.52	88.85 2.93 -3.74	88.91 2.67 -3.76	59.38 1.69 -2.64	46.43 1.02 -1.41	47.12 0.84 -1.51	56.43 1.19 -2.21	61.22 0.99 -2.25	68.49 1.19 -2.93	68.35 1.48 -2.92	61.44 1.56 -2.51	49.60 1.38 -1.53	49.02 1.55 -1.56
NEPA___ENERGY 23901	40.35 0.66 -1.16	33.89 0.32 -0.60	33.85 0.44 -0.63	35.85 0.58 -0.81	32.61 0.39 -0.61	40.64 0.83 -1.46	51.02 0.34 -2.50	58.83 0.70 -3.82	68.32 0.81 -5.06	80.29 1.20 -6.15	88.58 1.31 -6.21	95.41 1.60 -5.06	87.28 0.91 -4.19	87.35 0.65 -4.22	58.25 0.23 -2.96	45.30 -0.28 -1.58	46.20 -0.26 -1.70	55.64 0.12 -2.48	59.81 -0.70 -2.52	67.08 -0.59 -3.28	67.10 -0.13 -3.28	60.41 0.21 -2.81	48.63 0.23 -1.72	48.07 0.41 -1.75

NEVERSINK___HYD 23608	39.73 0.60 -0.61	33.43 0.38 -0.07	33.03 0.25 0.00	34.71 0.25 0.00	31.92 0.30 0.00	38.74 0.38 0.00	49.39 0.31 -0.90	55.82 0.39 -1.11	63.21 0.38 -0.38	75.16 0.54 -1.68	83.21 0.64 -1.50	91.18 0.99 -1.43	85.07 0.49 -2.40	87.47 3.31 -1.68	58.70 2.29 -1.35	46.24 2.20 -0.05	47.80 2.51 -0.53	56.23 3.05 -0.14	61.41 3.42 0.00	68.21 3.83 0.00	67.32 1.32 -2.05	59.21 1.21 -0.62	47.54 0.86 0.00	46.43 0.51 0.00
NEWKRMKL_115KV_TB1 55635	37.32 -0.45 0.76	32.53 -0.36 0.09	32.41 -0.38 0.00	34.07 -0.40 0.00	31.30 -0.32 0.00	37.91 -0.44 0.00	46.54 -0.60 1.05	52.59 -0.73 1.00	61.29 -0.82 0.34	70.39 -1.04 1.51	78.48 -1.24 1.35	86.20 -1.27 1.29	78.80 -1.26 2.11	79.85 -1.17 1.45	53.16 -0.73 1.17	43.52 -0.44 0.04	43.98 -0.33 0.46	52.32 -0.59 0.12	57.42 -0.57 0.00	63.63 -0.74 0.00	61.37 -0.82 1.77	56.07 -0.77 0.54	46.05 -0.63 0.00	45.43 -0.49 0.00
NEWTON___FALLS_HYD 23847	40.34 1.03 -0.77	34.28 0.91 -0.40	34.12 0.92 -0.42	36.02 1.01 -0.54	32.97 0.95 -0.41	40.16 0.83 -0.97	51.73 1.89 -1.67	59.21 2.36 -2.53	68.49 2.68 -3.36	80.24 3.21 -4.09	88.96 3.80 -4.09	96.07 3.95 -3.36	125.41 3.92 -39.31	89.00 3.72 -2.81	59.42 2.39 -1.97	46.82 1.77 -1.05	47.57 1.66 -1.14	56.72 1.73 -1.96	61.80 1.82 -1.99	69.23 2.26 -2.59	69.03 2.50 -2.59	62.12 2.52 -2.22	50.18 2.14 -1.36	49.15 1.85 -1.38
NGRID_A1_DSASP 323792	40.08 0.45 -1.10	33.83 0.29 -0.57	33.73 0.35 -0.60	35.63 0.40 -0.76	32.47 0.28 -0.57	40.51 0.78 -1.38	50.83 0.27 -2.38	57.54 -0.41 -3.62	66.87 -0.39 -4.81	78.31 -0.48 -5.85	86.83 -0.13 -5.90	93.24 -0.31 -4.80	84.96 -1.20 -3.98	85.17 -1.31 -4.00	57.17 -0.70 -2.81	44.81 -0.69 -1.50	45.25 -1.13 -1.61	53.97 -1.42 -2.36	58.06 -2.32 -2.39	64.52 -2.98 -3.12	65.02 -2.04 -3.11	59.25 -0.80 -2.67	48.22 -0.09 -1.63	47.81 0.24 -1.66
NGRID_A2_DSASP 323793	40.08 0.45 -1.10	33.83 0.29 -0.57	33.73 0.35 -0.60	35.63 0.40 -0.76	32.47 0.28 -0.57	40.51 0.78 -1.38	50.83 0.27 -2.38	57.54 -0.41 -3.62	66.87 -0.39 -4.81	78.31 -0.48 -5.85	86.83 -0.13 -5.90	93.24 -0.31 -4.80	84.96 -1.20 -3.98	85.17 -1.31 -4.00	57.17 -0.70 -2.81	44.81 -0.69 -1.50	45.25 -1.13 -1.61	53.97 -1.42 -2.36	58.06 -2.32 -2.39	64.52 -2.98 -3.12	65.02 -2.04 -3.11	59.25 -0.80 -2.67	48.22 -0.09 -1.63	47.81 0.24 -1.66
NGRID_A4_DSASP 323807	40.08 0.45 -1.10	33.83 0.29 -0.57	33.73 0.35 -0.60	35.63 0.40 -0.76	32.47 0.28 -0.57	40.51 0.78 -1.38	50.83 0.27 -2.38	57.54 -0.41 -3.62	66.87 -0.39 -4.81	78.31 -0.48 -5.85	86.83 -0.13 -5.90	93.24 -0.31 -4.80	84.96 -1.20 -3.98	85.17 -1.31 -4.00	57.17 -0.70 -2.81	44.81 -0.69 -1.50	45.25 -1.13 -1.61	53.97 -1.42 -2.36	58.06 -2.32 -2.39	64.52 -2.98 -3.12	65.02 -2.04 -3.11	59.25 -0.80 -2.67	48.22 -0.09 -1.63	47.81 0.24 -1.66
NIAGARA_115E_LBMP 323715	40.00 0.37 -1.11	33.75 0.20 -0.57	33.63 0.25 -0.60	35.54 0.30 -0.77	32.42 0.23 -0.58	40.51 0.76 -1.39	50.30 -0.26 -2.39	57.75 -0.20 -3.64	67.15 -0.12 -4.82	78.67 -0.13 -5.87	87.19 0.20 -5.92	93.61 0.03 -4.82	85.31 -0.87 -4.00	85.51 -0.99 -4.03	57.16 -0.73 -2.82	44.51 -1.00 -1.51	44.90 -1.48 -1.62	53.72 -1.68 -2.37	57.90 -2.49 -2.40	64.77 -2.74 -3.13	65.19 -1.88 -3.12	59.11 -0.96 -2.69	48.19 -0.13 -1.64	47.71 0.12 -1.66
NIAGARA_115W_LBMP 323714	40.02 0.39 -1.10	33.78 0.25 -0.57	33.68 0.30 -0.60	35.60 0.37 -0.76	32.42 0.23 -0.57	40.46 0.72 -1.38	50.77 0.21 -2.38	57.38 -0.55 -3.62	66.70 -0.55 -4.81	78.11 -0.67 -5.84	86.60 -0.36 -5.89	92.98 -0.57 -4.79	84.75 -1.41 -3.97	84.94 -1.54 -4.00	57.04 -0.82 -2.81	44.76 -0.75 -1.50	45.20 -1.18 -1.61	53.87 -1.52 -2.36	57.94 -2.44 -2.39	64.35 -3.14 -3.12	64.85 -2.21 -3.11	59.14 -0.91 -2.67	48.15 -0.17 -1.63	47.76 0.18 -1.66
NIAGARA_230_LBMP 323716	40.06 0.44 -1.09	33.82 0.28 -0.56	33.70 0.33 -0.59	35.63 0.40 -0.76	32.46 0.28 -0.57	40.50 0.77 -1.38	50.76 0.23 -2.36	58.18 0.27 -3.60	67.60 0.38 -4.77	79.20 0.46 -5.80	87.75 0.83 -5.85	94.29 0.76 -4.77	85.96 -0.17 -3.95	86.17 -0.28 -3.98	57.63 -0.23 -2.79	44.82 -0.67 -1.49	45.28 -1.09 -1.60	54.21 -1.16 -2.34	58.45 -1.91 -2.38	65.33 -2.14 -3.10	65.74 -1.31 -3.09	59.60 -0.43 -2.65	48.35 0.05 -1.62	47.79 0.23 -1.65
NIAGARA___115KV_198_GIBSON 55903	40.02 0.39 -1.10	33.79 0.25 -0.57	33.67 0.30 -0.60	35.60 0.36 -0.76	32.43 0.24 -0.57	40.46 0.72 -1.38	50.76 0.20 -2.38	57.26 -0.68 -3.62	66.49 -0.77 -4.81	77.86 -0.92 -5.84	86.51 -0.45 -5.89	92.97 -0.58 -4.79	84.71 -1.44 -3.97	84.96 -1.51 -4.00	56.96 -0.91 -2.81	44.76 -0.74 -1.50	45.21 -1.17 -1.61	53.86 -1.52 -2.36	57.95 -2.43 -2.39	64.35 -3.14 -3.12	64.85 -2.22 -3.11	59.03 -1.02 -2.67	48.13 -0.19 -1.63	47.76 0.18 -1.66
NIAGARA____ 23760	40.07 0.44 -1.11	33.82 0.28 -0.57	33.71 0.33 -0.60	35.63 0.40 -0.77	32.47 0.28 -0.58	40.51 0.77 -1.39	50.78 0.23 -2.38	58.21 0.27 -3.62	67.63 0.38 -4.80	79.23 0.46 -5.84	87.79 0.83 -5.89	94.32 0.76 -4.80	85.98 -0.17 -3.97	86.20 -0.28 -4.00	57.64 -0.23 -2.81	44.83 -0.67 -1.50	45.28 -1.09 -1.60	54.22 -1.16 -2.35	58.46 -1.91 -2.39	65.35 -2.14 -3.11	65.75 -1.31 -3.10	59.62 -0.43 -2.67	48.36 0.05 -1.63	47.80 0.23 -1.66
NINE_MILE_1 23575	21.56 -1.00 15.96	23.89 -0.89 8.19	23.25 -0.89 8.64	22.49 -0.92 11.05	22.46 -0.84 8.32	17.35 -0.98 20.02	12.64 -1.22 34.32	1.11 -1.31 51.90	-7.94 -1.50 68.89	-12.54 -1.74 83.74	-5.26 -1.92 84.40	17.74 -2.11 68.90	23.10 -2.05 57.03	22.98 -2.03 57.46	13.48 -1.33 40.25	21.38 -1.09 21.53	20.57 -1.11 23.09	17.80 -1.29 33.94	22.02 -1.49 34.48	17.84 -1.60 44.93	17.58 -1.58 44.79	17.45 -1.43 38.50	21.97 -1.19 23.52	20.88 -1.17 23.87
NINE_MILE_2 23744	21.29 -1.00 16.23	23.75 -0.89 8.33	23.10 -0.89 8.79	22.30 -0.92 11.24	22.31 -0.84 8.46	17.01 -0.98 20.37	12.05 -1.22 34.91	0.22 -1.31 52.79	-9.12 -1.50 70.06	-13.97 -1.74 85.17	-6.70 -1.93 85.84	16.56 -2.11 70.07	22.12 -2.05 58.00	22.00 -2.03 58.44	12.79 -1.34 40.93	21.02 -1.09 21.89	20.17 -1.12 23.49	17.22 -1.29 34.52	21.43 -1.50 35.07	17.08 -1.60 45.69	16.82 -1.58 45.55	16.79 -1.43 39.16	21.57 -1.19 23.92	20.47 -1.17 24.28
NM_CAPITAL___DRP 24208	37.31 -0.38 0.84	32.59 -0.28 0.10	32.48 -0.31 0.00	34.15 -0.32 0.00	31.36 -0.25 0.00	38.01 -0.34 0.00	46.52 -0.51 1.15	52.55 -0.66 1.12	61.33 -0.73 0.38	70.33 -0.93 1.68	78.42 -1.15 1.50	86.14 -1.18 1.43	78.61 -1.22 2.35	79.75 -1.11 1.62	53.09 -0.67 1.30	43.57 -0.39 0.04	43.95 -0.32 0.51	52.31 -0.58 0.14	57.45 -0.54 0.00	63.65 -0.72 0.00	61.18 -0.80 1.97	56.07 -0.71 0.60	46.11 -0.57 0.00	45.51 -0.41 0.00
NM_CENTRAL___DRP 24181	40.34 -0.20 -2.01	33.76 -0.24 -1.03	33.64 -0.23 -1.09	35.63 -0.23 -1.39	32.46 -0.20 -1.05	40.72 -0.15 -2.52	52.33 -0.17 -4.32	60.78 -0.10 -6.56	71.07 -0.08 -8.70	83.50 -0.01 -10.58	91.95 0.38 -10.50	97.55 0.08 -8.72	90.95 -0.11 -8.87	89.69 -0.05 -7.27	60.15 0.01 -5.09	46.67 -0.05 -2.72	47.64 -0.05 -2.92	57.33 -0.03 -4.33	62.22 -0.17 -4.41	69.99 -0.13 -5.74	69.56 -0.12 -5.72	62.16 -0.13 -4.92	49.49 -0.19 -3.00	48.75 -0.21 -3.05

NM_FRONTIER___DRP 24179	40.02 0.39 -1.10	33.79 0.25 -0.57	33.67 0.30 -0.60	35.60 0.36 -0.76	32.43 0.24 -0.57	40.46 0.72 -1.38	50.76 0.20 -2.38	57.26 -0.68 -3.62	66.49 -0.77 -4.81	77.86 -0.92 -5.84	86.51 -0.45 -5.89	92.97 -0.58 -4.79	84.71 -1.44 -3.97	84.96 -1.51 -4.00	56.96 -0.91 -2.81	44.76 -0.74 -1.50	45.21 -1.17 -1.61	53.86 -1.52 -2.36	57.95 -2.43 -2.39	64.35 -3.14 -3.12	64.85 -2.22 -3.11	59.03 -1.02 -2.67	48.13 -0.19 -1.63	47.76 0.18 -1.66
NM_ST_REGIS___HYD 24053	39.91 1.00 -0.38	34.12 0.95 -0.19	33.95 0.96 -0.20	35.80 1.07 -0.26	32.72 0.91 -0.20	39.90 1.07 -0.47	50.87 1.87 -0.81	57.81 2.26 -1.23	66.52 2.44 -1.63	77.72 2.80 -1.99	86.58 3.52 -1.99	93.95 3.56 -1.64	134.03 3.82 -48.03	87.28 3.44 -1.36	58.06 2.05 -0.95	46.00 1.49 -0.51	46.59 1.27 -0.56	55.39 1.40 -0.96	60.43 1.47 -0.97	67.39 1.75 -1.27	67.19 1.98 -1.26	60.50 2.04 -1.08	49.17 1.83 -0.66	48.15 1.56 -0.67
NORTHPORT___1 23551	40.30 1.33 -0.45	29.34 0.93 4.57	33.29 0.62 0.11	34.98 0.52 0.00	31.62 0.66 0.65	35.20 1.13 4.28	46.27 -0.13 1.78	46.55 -0.68 7.09	46.51 -0.94 14.99	46.33 -0.98 25.62	42.91 -0.62 37.54	43.18 -0.38 45.19	40.46 -0.27 41.45	11.09 -0.34 71.04	11.04 -0.09 43.93	10.95 0.30 33.35	10.99 0.67 34.45	11.00 0.70 42.73	11.07 0.88 47.80	24.18 0.95 41.15	20.89 0.50 43.57	31.27 0.03 26.15	45.36 0.15 1.48	46.55 0.69 0.05
NORTHPORT___2 23552	40.30 1.33 -0.45	29.34 0.93 4.57	33.29 0.62 0.11	34.98 0.52 0.00	31.62 0.66 0.65	35.20 1.13 4.28	46.27 -0.13 1.78	46.55 -0.68 7.09	46.51 -0.94 14.99	46.33 -0.98 25.62	42.91 -0.62 37.54	43.18 -0.38 45.19	40.46 -0.27 41.45	11.09 -0.34 71.04	11.04 -0.09 43.93	10.95 0.30 33.35	10.99 0.67 34.45	11.00 0.70 42.73	11.07 0.88 47.80	24.18 0.95 41.15	20.89 0.50 43.57	31.27 0.03 26.15	45.36 0.15 1.48	46.55 0.69 0.05
NORTHPORT___3 23553	40.20 1.24 -0.43	29.16 0.84 4.66	33.22 0.56 0.12	34.90 0.43 0.01	31.54 0.59 0.67	35.01 1.04 4.38	46.03 -0.29 1.85	46.33 -0.92 7.08	46.24 -1.25 14.95	46.04 -1.39 25.52	42.72 -1.03 37.32	42.91 -0.92 44.93	40.32 -0.66 41.20	11.00 -0.84 70.63	11.00 -0.34 43.72	11.06 0.09 33.02	11.20 0.43 34.00	11.48 0.44 42.00	11.00 0.54 47.53	24.26 0.60 40.72	20.82 0.15 43.29	31.08 -0.29 26.00	45.15 -0.06 1.47	46.40 0.53 0.05
NORTHPORT___4 23650	40.20 1.24 -0.43	29.16 0.84 4.66	33.22 0.56 0.12	34.90 0.43 0.01	31.54 0.59 0.67	35.01 1.04 4.38	46.03 -0.29 1.85	46.33 -0.92 7.08	46.24 -1.25 14.95	46.04 -1.39 25.52	42.72 -1.03 37.32	42.91 -0.92 44.93	40.32 -0.66 41.20	11.00 -0.84 70.63	11.00 -0.34 43.72	11.06 0.09 33.02	11.20 0.43 34.00	11.48 0.44 42.00	11.00 0.54 47.53	24.26 0.60 40.72	20.82 0.15 43.29	31.08 -0.29 26.00	45.15 -0.06 1.47	46.40 0.53 0.05
NORTHPORT___IC 23718	40.30 1.33 -0.45	29.34 0.93 4.57	33.32 0.65 0.11	35.01 0.54 0.00	31.67 0.71 0.65	35.21 1.14 4.28	46.29 -0.11 1.78	46.71 -0.51 7.09	46.68 -0.78 14.99	46.51 -0.81 25.62	43.01 -0.52 37.54	43.28 -0.28 45.19	40.57 -0.16 41.45	11.17 -0.27 71.04	11.12 -0.01 43.93	11.03 0.38 33.35	11.04 0.72 34.45	11.07 0.77 42.73	11.09 0.90 47.80	24.24 1.01 41.15	20.97 0.58 43.57	31.35 0.12 26.15	45.41 0.20 1.48	46.55 0.68 0.05
NORTH___COUNTRY_ESR 323785	39.05 0.52 0.00	33.55 0.57 0.00	33.38 0.60 0.00	35.24 0.77 0.00	32.07 0.46 0.00	38.94 0.59 0.00	49.20 1.02 0.00	55.49 1.17 0.00	63.51 1.06 0.00	74.36 1.42 0.00	83.12 2.05 0.00	91.06 2.31 0.00	92.81 2.57 -8.06	84.80 2.33 0.00	56.29 1.22 0.00	44.93 0.93 0.00	45.67 0.90 0.00	54.25 1.22 0.00	59.34 1.35 0.00	65.90 1.52 0.00	65.41 1.45 0.00	58.82 1.44 0.00	47.85 1.17 0.00	46.91 0.99 0.00
NPX_GEN_1385_PROXY 323591	40.30 1.33 -0.45	29.34 0.93 4.57	33.29 0.62 0.11	34.98 0.52 0.00	31.67 0.66 0.59	35.35 1.13 4.14	46.27 -0.13 1.78	46.55 -0.68 7.09	46.51 -0.94 14.99	46.33 -0.98 25.62	42.91 -0.62 37.54	43.18 -0.38 45.19	40.46 -0.27 41.45	11.09 -0.34 71.04	11.04 -0.09 43.93	8.69 0.30 35.61	10.99 0.67 34.45	11.00 0.70 42.73	11.07 0.88 47.80	24.18 0.95 41.15	20.89 0.50 43.57	31.27 0.03 26.15	45.36 0.15 1.48	46.55 0.69 0.05
NPX_GEN_CSC 323557	40.15 1.12 -0.50	29.66 0.72 4.04	33.03 0.35 0.10	34.69 0.22 0.00	31.49 0.39 0.52	35.60 0.87 3.62	46.35 -0.42 1.41	46.47 -1.00 6.85	46.63 -1.18 14.64	46.76 -1.11 25.07	43.31 -0.86 36.90	43.83 -0.50 44.43	41.06 -0.39 40.73	12.36 -0.26 69.85	11.99 -0.12 42.95	9.56 0.27 34.71	12.08 0.66 33.34	12.72 0.70 41.00	11.95 0.98 47.02	25.33 1.01 40.04	21.73 0.54 42.77	31.75 0.08 25.71	45.30 0.07 1.45	46.33 0.47 0.05
NSINS_S_GLNS_FALLS 23858	38.69 1.09 0.93	33.91 1.04 0.11	33.80 1.01 0.00	35.55 1.07 0.00	32.59 0.98 0.00	39.66 1.31 0.00	48.61 1.71 1.28	54.92 1.85 1.25	64.00 1.97 0.43	73.29 2.24 1.88	81.68 2.29 1.68	89.80 2.65 1.60	81.82 2.27 2.63	83.02 2.36 1.81	55.09 1.48 1.46	45.34 1.39 0.05	45.79 1.59 0.57	54.69 1.81 0.15	60.04 2.06 0.00	66.40 2.02 0.00	63.58 1.84 2.21	58.80 2.09 0.67	48.26 1.58 0.00	47.35 1.44 0.00
NUCOR_STEEL___DRP 24197	41.77 0.45 -2.79	34.59 0.19 -1.43	34.49 0.19 -1.51	36.65 0.25 -1.93	33.42 0.35 -1.45	42.43 0.57 -3.50	54.92 0.73 -6.01	64.38 0.96 -9.11	75.58 1.05 -12.08	88.54 0.92 -14.69	97.12 1.23 -14.82	102.17 1.25 -12.16	94.36 0.99 -11.19	93.82 1.22 -10.12	62.99 0.87 -7.06	48.36 0.58 -3.78	49.44 0.62 -4.05	59.56 0.61 -5.93	64.55 0.54 -6.02	73.18 0.96 -7.84	72.69 0.92 -7.82	64.72 0.62 -6.72	51.30 0.51 -4.11	50.66 0.57 -4.17
NUMBER_THREE_WT_PWR 323818	40.44 0.96 -0.96	34.27 0.80 -0.49	34.10 0.80 -0.52	36.03 0.89 -0.66	32.98 0.87 -0.50	39.92 0.36 -1.20	51.92 1.68 -2.06	59.70 2.25 -3.13	69.29 2.69 -4.15	81.39 3.40 -5.05	90.08 3.97 -5.05	97.28 4.37 -4.15	105.69 4.06 -19.44	89.91 3.97 -3.47	60.13 2.64 -2.43	47.47 2.17 -1.30	48.40 2.22 -1.41	57.77 2.36 -2.38	62.89 2.48 -2.42	70.66 3.13 -3.16	70.38 3.27 -3.15	63.08 2.99 -2.71	50.73 2.39 -1.65	49.72 2.13 -1.68
NYISO_LBMP_REFERENCE 24008	38.53 0.00 0.00	32.97 0.00 0.00	32.78 0.00 0.00	34.47 0.00 0.00	31.61 0.00 0.00	38.35 0.00 0.00	48.18 0.00 0.00	54.32 0.00 0.00	62.45 0.00 0.00	72.94 0.00 0.00	81.07 0.00 0.00	88.75 0.00 0.00	82.18 0.00 0.00	82.47 0.00 0.00	55.06 0.00 0.00	44.00 0.00 0.00	44.77 0.00 0.00	53.03 0.00 0.00	57.99 0.00 0.00	64.38 0.00 0.00	63.96 0.00 0.00	57.38 0.00 0.00	46.68 0.00 0.00	45.92 0.00 0.00
NYPA_BRENTWD____GT 24164	40.90 1.80 -0.57	30.88 1.31 3.40	33.66 0.96 0.08	35.34 0.87 0.00	32.12 0.98 0.47	36.79 1.58 3.14	47.77 0.55 0.96	47.81 0.04 6.54	48.43 0.14 14.16	48.92 0.35 24.36	45.71 0.77 36.13	46.48 1.24 43.52	43.57 1.26 39.87	15.27 1.23 68.43	14.19 0.91 41.79	13.72 1.10 31.38	14.21 1.47 32.03	15.76 1.69 38.96	13.89 1.99 46.09	27.87 2.22 38.72	23.88 1.75 41.82	33.36 1.15 25.16	46.26 0.99 1.42	47.28 1.41 0.05

NYPA_GOWANUS____GT5 24156	41.04	34.24	33.70	35.38	32.57	39.62	50.65	57.05	64.08	76.49	84.63	92.73	87.32	86.60	58.24	45.53	47.36	55.54	60.51	67.26	69.00	59.88	48.02	47.47
	1.57	1.16	0.92	0.91	0.96	1.27	1.18	1.24	1.13	1.30	1.55	2.06	2.00	1.96	1.43	1.48	1.91	2.33	2.52	2.89	2.41	1.71	1.34	1.55
	-0.94	-0.11	0.00	0.00	0.00	0.00	-1.29	-1.49	-0.51	-2.25	-2.01	-1.91	-3.14	-2.16	-1.74	-0.06	-0.68	-0.18	0.00	0.00	-2.64	-0.80	0.00	0.00
NYPA_GOWANUS____GT6 24157	41.04	34.24	33.70	35.38	32.57	39.62	50.65	57.05	64.08	76.49	84.63	92.73	87.32	86.60	58.24	45.53	47.36	55.54	60.51	67.26	69.00	59.88	48.02	47.47
	1.57	1.16	0.92	0.91	0.96	1.27	1.18	1.24	1.13	1.30	1.55	2.06	2.00	1.96	1.43	1.48	1.91	2.33	2.52	2.89	2.41	1.71	1.34	1.55
	-0.94	-0.11	0.00	0.00	0.00	0.00	-1.29	-1.49	-0.51	-2.25	-2.01	-1.91	-3.14	-2.16	-1.74	-0.06	-0.68	-0.18	0.00	0.00	-2.64	-0.80	0.00	0.00
NYPA_HARLEM__RVR__GT1 24160	40.87	34.10	33.58	35.24	32.48	39.45	50.37	56.78	64.06	76.49	84.61	92.67	87.30	86.59	58.23	45.50	47.29	55.37	60.30	66.97	68.70	59.66	47.98	47.42
	1.41	1.02	0.80	0.77	0.86	1.10	0.90	0.97	1.10	1.31	1.54	2.00	1.98	1.95	1.43	1.44	1.84	2.15	2.31	2.60	2.11	1.48	1.30	1.51
	-0.94	-0.11	0.00	0.00	0.00	0.00	-1.29	-1.49	-0.51	-2.25	-2.01	-1.91	-3.14	-2.16	-1.74	-0.06	-0.68	-0.18	0.00	0.00	-2.64	-0.80	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	40.87	34.10	33.58	35.24	32.48	39.45	50.37	56.78	64.06	76.49	84.61	92.67	87.30	86.59	58.23	45.50	47.29	55.37	60.30	66.97	68.70	59.66	47.98	47.42
	1.41	1.02	0.80	0.77	0.86	1.10	0.90	0.97	1.10	1.31	1.54	2.00	1.98	1.95	1.43	1.44	1.84	2.15	2.31	2.60	2.11	1.48	1.30	1.51
	-0.94	-0.11	0.00	0.00	0.00	0.00	-1.29	-1.49	-0.51	-2.25	-2.01	-1.91	-3.14	-2.16	-1.74	-0.06	-0.68	-0.18	0.00	0.00	-2.64	-0.80	0.00	0.00
NYPA_KENT____GT 24152	41.00	34.22	33.69	35.34	32.56	39.61	50.65	57.05	64.10	76.42	84.57	92.65	87.27	86.53	58.21	45.49	47.34	55.50	60.46	67.22	69.01	59.89	48.02	47.47
	1.54	1.14	0.91	0.88	0.95	1.26	1.18	1.24	1.15	1.23	1.49	1.98	1.94	1.89	1.41	1.44	1.88	2.29	2.47	2.84	2.42	1.71	1.34	1.55
	-0.94	-0.11	0.00	0.00	0.00	0.00	-1.29	-1.49	-0.51	-2.25	-2.01	-1.91	-3.14	-2.16	-1.74	-0.06	-0.68	-0.18	0.00	0.00	-2.64	-0.80	0.00	0.00
NYPA_POUCH1____GT 24155	40.98	34.17	33.61	35.28	32.47	39.50	50.50	56.86	63.85	76.19	77.94	87.57	84.98	81.81	53.76	43.46	47.20	55.38	60.34	67.08	68.87	59.74	47.87	47.31
	1.51	1.09	0.83	0.81	0.86	1.15	1.02	1.05	0.90	1.00	1.20	1.69	1.66	1.63	1.20	1.29	1.75	2.16	2.35	2.71	2.28	1.56	1.19	1.39
	-0.94	-0.11	0.00	0.00	0.00	0.00	-1.29	-1.49	-0.51	-2.25	4.33	2.88	-1.13	2.30	2.50	1.83	-0.68	-0.18	0.00	0.00	-2.64	-0.80	0.00	0.00
NYPA_VERNON____GT2 24162	40.96	34.20	33.68	35.34	32.56	39.56	50.48	56.87	64.15	76.71	84.88	92.98	87.55	86.84	58.42	45.64	47.43	55.59	60.55	67.19	68.90	59.83	48.03	47.45
	1.50	1.12	0.90	0.88	0.95	1.21	1.01	1.06	1.19	1.52	1.80	2.31	2.23	2.21	1.61	1.58	1.98	2.37	2.55	2.82	2.31	1.66	1.35	1.54
	-0.94	-0.11	0.00	0.00	0.00	0.00	-1.29	-1.49	-0.51	-2.25	-2.01	-1.91	-3.14	-2.16	-1.74	-0.06	-0.68	-0.18	0.00	0.00	-2.64	-0.80	0.00	0.00
NYPA_VERNON____GT3 24163	40.96	34.20	33.68	35.34	32.56	39.56	50.48	56.87	64.15	76.71	84.88	92.98	87.55	86.84	58.42	45.64	47.43	55.59	60.55	67.19	68.90	59.83	48.03	47.45
	1.50	1.12	0.90	0.88	0.95	1.21	1.01	1.06	1.19	1.52	1.80	2.31	2.23	2.21	1.61	1.58	1.98	2.37	2.55	2.82	2.31	1.66	1.35	1.54
	-0.94	-0.11	0.00	0.00	0.00	0.00	-1.29	-1.49	-0.51	-2.25	-2.01	-1.91	-3.14	-2.16	-1.74	-0.06	-0.68	-0.18	0.00	0.00	-2.64	-0.80	0.00	0.00
NYPA____ASTORIA_CC1 323568	40.88	34.13	33.61	35.27	32.50	39.48	50.38	56.75	64.00	76.53	84.67	92.76	87.34	86.64	58.27	45.53	47.32	55.45	60.40	67.04	68.75	59.70	47.92	47.34
	1.41	1.05	0.83	0.80	0.89	1.13	0.91	0.94	1.05	1.34	1.59	2.09	2.02	2.01	1.46	1.47	1.87	2.24	2.41	2.66	2.16	1.52	1.24	1.43
	-0.94	-0.11	0.00	0.00	0.00	0.00	-1.29	-1.49	-0.51	-2.25	-2.01	-1.91	-3.14	-2.16	-1.74	-0.06	-0.68	-0.18	0.00	0.00	-2.64	-0.80	0.00	0.00
NYPA____ASTORIA_CC2 323569	40.88	34.13	33.61	35.27	32.50	39.48	50.38	56.75	64.00	76.53	84.67	92.76	87.34	86.64	58.27	45.53	47.32	55.45	60.40	67.04	68.75	59.70	47.92	47.34
	1.41	1.05	0.83	0.80	0.89	1.13	0.91	0.94	1.05	1.34	1.59	2.09	2.02	2.01	1.46	1.47	1.87	2.24	2.41	2.66	2.16	1.52	1.24	1.43
	-0.94	-0.11	0.00	0.00	0.00	0.00	-1.29	-1.49	-0.51	-2.25	-2.01	-1.91	-3.14	-2.16	-1.74	-0.06	-0.68	-0.18	0.00	0.00	-2.64	-0.80	0.00	0.00
NYPA____HOLTSVILL 23794	40.38	29.81	33.26	34.93	31.65	35.67	46.71	46.93	47.12	47.29	43.93	44.45	41.65	12.81	12.28	12.04	12.27	12.91	12.22	25.63	22.10	32.12	45.66	46.72
	1.36	0.93	0.58	0.47	0.62	1.14	-0.02	-0.51	-0.65	-0.52	-0.18	0.20	0.27	0.31	0.27	0.59	0.96	1.06	1.33	1.41	0.99	0.49	0.44	0.85
	-0.50	4.09	0.10	0.00	0.58	3.82	1.45	6.88	14.67	25.13	36.96	44.51	40.80	69.97	43.05	32.54	33.46	41.18	47.10	40.16	42.85	25.75	1.46	0.05
NYPA____HELLGATE_GT1 24158	40.87	34.10	33.58	35.24	32.48	39.45	50.37	56.78	64.06	76.49	84.61	92.67	87.30	86.59	58.23	45.50	47.29	55.37	60.30	66.97	68.70	59.66	48.00	47.42
	1.41	1.02	0.80	0.77	0.86	1.10	0.90	0.97	1.10	1.31	1.54	2.00	1.98	1.95	1.43	1.44	1.84	2.15	2.31	2.60	2.11	1.48	1.32	1.51
	-0.94	-0.11	0.00	0.00	0.00	0.00	-1.29	-1.49	-0.51	-2.25	-2.01	-1.91	-3.14	-2.16	-1.74	-0.06	-0.68	-0.18	0.00	0.00	-2.64	-0.80	0.00	0.00
NYPA____HELLGATE_GT2 24159	40.87	34.10	33.58	35.24	32.48	39.45	50.37	56.78	64.06	76.49	84.61	92.67	87.30	86.59	58.23	45.50	47.29	55.37	60.30	66.97	68.70	59.66	48.00	47.42
	1.41	1.02	0.80	0.77	0.86	1.10	0.90	0.97	1.10	1.31	1.54	2.00	1.98	1.95	1.43	1.44	1.84	2.15	2.31	2.60	2.11	1.48	1.32	1.51
	-0.94	-0.11	0.00	0.00	0.00	0.00	-1.29	-1.49	-0.51	-2.25	-2.01	-1.91	-3.14	-2.16	-1.74	-0.06	-0.68	-0.18	0.00	0.00	-2.64	-0.80	0.00	0.00
NYS_BARGE____HYD 23848	40.48	34.13	34.02	35.94	32.78	40.93	51.06	58.60	68.13	79.83	88.46	95.02	86.60	86.78	58.01	45.17	45.61	54.60	58.89	65.88	66.28	60.04	48.81	48.26
	0.85	0.60	0.64	0.71	0.59	1.20	0.51	0.67	0.89	1.07	1.51	1.47	0.45	0.30	0.14	-0.33	-0.77	-0.78	-1.49	-1.60	-0.78	-0.01	0.50	0.69
	-1.10	-0.56	-0.60	-0.76	-0.57	-1.38	-2.37	-3.61	-4.80	-5.83	-5.88	-4.80	-3.97	-4.00	-2.80	-1.50	-1.61	-2.35	-2.39	-3.11	-3.10	-2.67	-1.63	-1.65
OAK ORCHARD____HYD 24046	40.34	34.06	33.90	35.78	32.68	40.58	51.43	59.08	68.62	80.40	88.97	95.81	87.82	88.03	58.85	46.09	46.84	56.08	60.83	68.00	67.86	60.97	49.09	48.29
	0.78	0.56	0.55	0.59	0.53	0.93	1.03	1.37	1.67	2.00	2.39	2.55	1.91	1.80	1.16	0.69	0.56	0.84	0.60	0.71	0.99	1.09	0.88	0.82
	-1.03	-0.53	-0.56	-0.72	-0.54	-1.30	-2.23	-3.39	-4.50	-5.47	-5.52	-4.50	-3.73	-3.75	-2.63	-1.41	-1.51	-2.20	-2.24	-2.92	-2.91	-2.50	-1.53	-1.55

OAKDALE___35_KV_LOAD 356122	40.19 0.19 -1.47	33.81 0.08 -0.76	33.74 0.16 -0.80	35.71 0.22 -1.02	32.54 0.16 -0.77	40.44 0.24 -1.85	51.48 0.13 -3.17	59.49 0.32 -4.86	69.26 0.36 -6.45	81.32 0.54 -7.84	89.48 0.51 -7.90	95.86 0.67 -6.43	88.00 0.50 -5.33	88.33 0.48 -5.37	59.17 0.34 -3.77	46.20 0.18 -2.01	47.18 0.25 -2.16	56.65 0.45 -3.16	61.38 0.17 -3.21	68.87 0.31 -4.19	68.52 0.39 -4.17	61.30 0.34 -3.59	49.06 0.19 -2.19	48.36 0.22 -2.23
OCC_CHEM___DRP 24175	40.07 0.43 -1.10	33.83 0.29 -0.57	33.73 0.35 -0.60	35.64 0.40 -0.76	32.47 0.28 -0.57	40.51 0.78 -1.38	50.83 0.27 -2.38	57.41 -0.54 -3.62	66.65 -0.60 -4.81	78.06 -0.72 -5.85	86.74 -0.23 -5.90	93.23 -0.32 -4.80	84.94 -1.22 -3.98	85.18 -1.30 -4.00	57.09 -0.79 -2.81	44.81 -0.69 -1.50	45.25 -1.13 -1.61	53.96 -1.43 -2.36	58.06 -2.32 -2.39	64.51 -2.99 -3.12	65.01 -2.06 -3.11	59.15 -0.90 -2.67	48.20 -0.11 -1.63	47.82 0.24 -1.66
OH_GEN_PROXY 24063	40.02 0.40 -1.09	33.78 0.24 -0.56	33.67 0.30 -0.59	35.59 0.36 -0.76	32.48 0.25 -0.62	19.84 0.74 19.25	71.27 0.23 -22.87	58.22 0.31 -3.59	67.64 0.43 -4.76	79.26 0.54 -5.79	87.82 0.91 -5.83	94.36 0.84 -4.76	86.02 -0.10 -3.94	86.25 -0.19 -3.97	45.72 -0.19 9.16	42.62 -0.61 0.78	45.35 -1.02 -1.60	54.32 -1.04 -2.33	58.59 -1.77 -2.37	65.49 -1.98 -3.09	65.87 -1.17 -3.08	59.67 -0.35 -2.65	48.35 0.06 -1.62	47.74 0.18 -1.64
OLIN_CORP_DRP 24177	40.04 0.40 -1.11	33.79 0.24 -0.57	33.67 0.29 -0.60	35.57 0.33 -0.77	32.45 0.26 -0.58	40.54 0.80 -1.39	50.42 -0.16 -2.39	57.78 -0.19 -3.65	67.09 -0.19 -4.84	78.60 -0.22 -5.88	87.28 0.28 -5.93	93.80 0.21 -4.84	85.46 -0.73 -4.01	85.69 -0.82 -4.03	57.26 -0.62 -2.83	44.61 -0.90 -1.51	45.02 -1.37 -1.62	53.85 -1.56 -2.37	58.07 -2.33 -2.41	64.99 -2.52 -3.14	65.35 -1.73 -3.13	59.19 -0.87 -2.69	48.20 -0.12 -1.64	47.78 0.19 -1.67
OLIN_CORP_DSASP 323712	40.08 0.45 -1.10	33.83 0.29 -0.57	33.73 0.35 -0.60	35.63 0.40 -0.76	32.47 0.28 -0.57	40.51 0.78 -1.38	50.83 0.27 -2.38	57.54 -0.41 -3.62	66.87 -0.39 -4.81	78.31 -0.48 -5.85	86.83 -0.13 -5.90	93.24 -0.31 -4.80	84.96 -1.20 -3.98	85.17 -1.31 -4.00	57.17 -0.70 -2.81	44.81 -0.69 -1.50	45.25 -1.13 -1.61	53.97 -1.42 -2.36	58.06 -2.32 -2.39	64.52 -2.98 -3.12	65.02 -2.04 -3.11	59.25 -0.80 -2.67	48.22 -0.09 -1.63	47.81 0.24 -1.66
ONEIDA_HERK_LFGE 323681	40.04 0.88 -0.63	34.02 0.72 -0.33	33.84 0.72 -0.34	35.69 0.78 -0.44	32.68 0.74 -0.33	39.80 0.66 -0.79	50.96 1.42 -1.36	58.17 1.79 -2.07	67.30 2.10 -2.74	78.87 2.60 -3.34	87.39 3.00 -3.32	94.83 3.33 -2.75	94.81 2.94 -9.70	87.68 2.91 -2.29	58.66 1.99 -1.61	46.47 1.62 -0.86	47.38 1.69 -0.93	56.44 1.89 -1.51	61.53 2.00 -1.54	68.78 2.40 -2.00	68.38 2.43 -2.00	61.25 2.15 -1.72	49.40 1.67 -1.05	48.48 1.50 -1.06
ONEIDA___115KV_TB4 55905	40.56 0.97 -1.07	34.28 0.76 -0.55	34.08 0.72 -0.58	35.99 0.79 -0.74	32.92 0.75 -0.55	40.64 0.95 -1.34	51.94 1.47 -2.29	59.58 1.78 -3.48	69.15 2.09 -4.61	81.07 2.53 -5.61	89.65 3.02 -5.56	96.62 3.25 -4.62	91.94 2.68 -7.08	89.08 2.76 -3.85	59.67 1.91 -2.70	46.97 1.53 -1.44	47.96 1.64 -1.55	57.29 1.92 -2.35	62.37 2.00 -2.39	69.83 2.34 -3.11	69.35 2.29 -3.10	62.02 1.98 -2.66	49.80 1.49 -1.63	48.90 1.33 -1.65
ONONDAGA_REF_OCCRA 23987	40.86 0.10 -2.23	34.14 0.02 -1.15	34.01 0.01 -1.21	36.05 0.03 -1.55	32.82 0.04 -1.16	41.29 0.14 -2.80	53.23 0.25 -4.80	61.99 0.39 -7.28	72.59 0.47 -9.66	85.32 0.63 -11.75	93.87 1.13 -11.67	99.30 0.87 -9.68	92.37 0.60 -9.59	91.23 0.68 -8.07	61.22 0.51 -5.65	47.38 0.36 -3.02	48.36 0.35 -3.24	58.27 0.46 -4.78	63.26 0.41 -4.86	71.25 0.54 -6.33	70.78 0.51 -6.31	63.22 0.42 -5.43	50.22 0.22 -3.32	49.47 0.19 -3.36
ONONDAGA___COGEN 23986	41.49 -0.03 -2.99	34.40 -0.10 -1.54	34.30 -0.10 -1.62	36.46 -0.08 -2.07	33.12 -0.04 -1.56	42.14 0.04 -3.75	54.67 0.06 -6.43	64.23 0.17 -9.74	75.57 0.20 -12.92	88.87 0.22 -15.71	97.23 0.39 -15.78	102.03 0.33 -12.95	94.40 0.15 -12.06	93.50 0.23 -10.79	62.81 0.19 -7.55	48.15 0.11 -4.04	49.21 0.11 -4.33	59.54 0.18 -6.33	64.52 0.10 -6.43	72.95 0.19 -8.38	72.50 0.19 -8.35	64.67 0.12 -7.18	51.09 0.02 -4.39	50.38 0.01 -4.45
ONTARIO___LFGE 23819	42.53 1.68 -2.33	35.58 1.41 -1.20	35.51 1.47 -1.26	37.63 1.54 -1.61	34.23 1.40 -1.22	43.11 1.84 -2.92	55.36 2.16 -5.01	64.92 2.98 -7.62	75.94 3.39 -10.11	88.71 3.48 -12.29	96.40 2.96 -12.37	102.17 3.31 -10.11	93.40 2.85 -8.37	94.06 3.15 -8.44	63.51 2.54 -5.91	48.77 1.61 -3.16	49.83 1.67 -3.39	60.30 2.31 -4.96	65.50 2.48 -5.04	74.05 3.11 -6.56	73.42 2.93 -6.54	65.60 2.60 -5.62	52.00 1.89 -3.44	51.07 1.66 -3.49
ORANGEVILLE_WT_PWR 323706	40.55 0.74 -1.28	34.15 0.52 -0.66	34.12 0.64 -0.69	36.07 0.71 -0.89	32.81 0.53 -0.67	40.96 1.00 -1.61	51.56 0.63 -2.75	59.53 1.01 -4.20	69.25 1.23 -5.57	81.20 1.49 -6.77	89.51 1.61 -6.82	95.99 1.67 -5.56	87.74 0.95 -4.61	87.85 0.73 -4.64	58.55 0.23 -3.26	45.39 -0.35 -1.74	46.09 -0.55 -1.87	55.19 -0.57 -2.73	59.72 -1.05 -2.78	67.18 -0.81 -3.62	67.28 -0.28 -3.60	60.50 0.02 -3.10	48.84 0.27 -1.89	48.19 0.36 -1.92
ORANGEVILLE___ESR 323794	40.55 0.74 -1.28	34.15 0.52 -0.66	34.12 0.64 -0.69	36.07 0.71 -0.89	32.81 0.53 -0.67	40.96 1.00 -1.61	51.56 0.63 -2.75	59.53 1.01 -4.20	69.25 1.23 -5.57	81.20 1.49 -6.77	89.51 1.61 -6.82	95.99 1.67 -5.56	87.74 0.95 -4.61	87.85 0.73 -4.64	58.55 0.23 -3.26	45.39 -0.35 -1.74	46.09 -0.55 -1.87	55.19 -0.57 -2.73	59.72 -1.05 -2.78	67.18 -0.81 -3.62	67.28 -0.28 -3.60	60.50 0.02 -3.10	48.84 0.27 -1.89	48.19 0.36 -1.92
OSWEGATCHIE___HYD 24044	40.34 1.03 -0.77	34.28 0.91 -0.40	34.12 0.92 -0.42	36.02 1.01 -0.54	32.97 0.95 -0.41	40.16 0.83 -0.97	51.74 1.89 -1.67	59.21 2.36 -2.53	68.50 2.69 -3.36	80.26 3.23 -4.09	88.97 3.81 -4.09	96.08 3.96 -3.36	125.42 3.93 -39.31	89.03 3.74 -2.81	59.42 2.39 -1.97	46.82 1.77 -1.05	47.57 1.66 -1.14	56.72 1.73 -1.96	61.80 1.82 -1.99	69.23 2.26 -2.59	69.03 2.49 -2.59	62.12 2.52 -2.22	50.18 2.14 -1.36	49.14 1.85 -1.38
OSWEGO___5 23606	46.35 -0.70 -8.52	36.70 -0.65 -4.37	36.76 -0.64 -4.61	39.72 -0.65 -5.90	35.46 -0.60 -4.44	48.37 -0.67 -10.69	65.65 -0.86 -18.33	81.17 -0.88 -27.74	98.26 -1.00 -36.82	116.53 -1.16 -44.75	124.90 -1.29 -45.12	124.17 -1.41 -36.83	111.25 -1.42 -30.49	111.80 -1.39 -30.71	75.67 -0.90 -21.51	54.75 -0.75 -11.51	56.35 -0.76 -12.34	70.19 -0.87 -18.04	75.28 -1.03 -18.32	87.15 -1.10 -23.87	86.68 -1.08 -23.80	76.87 -0.97 -20.46	58.35 -0.83 -12.50	57.80 -0.80 -12.68
OSWEGO___6 23613	46.35 -0.70 -8.52	36.70 -0.65 -4.37	36.76 -0.64 -4.61	39.72 -0.65 -5.90	35.46 -0.60 -4.44	48.37 -0.67 -10.69	65.65 -0.86 -18.33	81.17 -0.88 -27.74	98.26 -1.00 -36.82	116.53 -1.16 -44.75	124.90 -1.29 -45.12	124.17 -1.41 -36.83	111.25 -1.42 -30.49	111.80 -1.39 -30.71	75.67 -0.90 -21.51	54.75 -0.75 -11.51	56.35 -0.76 -12.34	70.19 -0.87 -18.04	75.28 -1.03 -18.32	87.15 -1.10 -23.87	86.68 -1.08 -23.80	76.87 -0.97 -20.46	58.35 -0.83 -12.50	57.80 -0.80 -12.68

OUTOKUMPU-AB___DRP 24206	40.77 1.13 -1.12	34.38 0.83 -0.57	34.24 0.85 -0.60	36.17 0.93 -0.77	32.97 0.77 -0.58	41.16 1.40 -1.40	51.57 0.98 -2.40	58.80 0.82 -3.66	68.31 1.01 -4.86	80.08 1.24 -5.91	88.92 1.90 -5.96	95.61 2.00 -4.85	87.04 0.83 -4.02	87.13 0.60 -4.05	58.26 0.35 -2.84	45.48 -0.04 -1.52	45.95 -0.45 -1.63	54.95 -0.47 -2.38	59.24 -1.17 -2.42	66.11 -1.41 -3.15	66.64 -0.47 -3.14	60.46 0.38 -2.70	49.08 0.75 -1.65	48.59 0.99 -1.68
OXBOW___BTM 323836	40.42 0.78 -1.11	34.09 0.55 -0.57	33.97 0.59 -0.60	35.89 0.65 -0.77	32.70 0.51 -0.58	40.82 1.08 -1.39	51.18 0.61 -2.39	58.22 0.26 -3.64	67.69 0.41 -4.84	79.32 0.50 -5.88	87.93 0.94 -5.93	94.43 0.85 -4.83	86.02 -0.17 -4.00	86.19 -0.32 -4.03	57.74 -0.14 -2.83	45.16 -0.35 -1.51	45.61 -0.78 -1.62	54.47 -0.94 -2.37	58.66 -1.74 -2.41	65.31 -2.20 -3.14	65.83 -1.25 -3.13	59.90 -0.17 -2.69	48.67 0.34 -1.64	48.19 0.61 -1.67
OXBOW___ 24026	40.42 0.78 -1.11	34.09 0.55 -0.57	33.97 0.59 -0.60	35.89 0.65 -0.77	32.70 0.51 -0.58	40.82 1.08 -1.39	51.19 0.62 -2.39	58.10 0.13 -3.64	67.48 0.20 -4.84	79.06 0.24 -5.88	87.83 0.83 -5.93	94.42 0.84 -4.83	85.99 -0.19 -4.00	86.17 -0.33 -4.03	57.67 -0.22 -2.83	45.16 -0.35 -1.51	45.62 -0.78 -1.62	54.46 -0.93 -2.37	58.66 -1.74 -2.41	65.33 -2.19 -3.14	65.84 -1.25 -3.13	59.82 -0.25 -2.69	48.63 0.31 -1.64	48.19 0.61 -1.67
OXY_CHEM_DSASP 323612	40.07 0.43 -1.10	33.83 0.29 -0.57	33.73 0.35 -0.60	35.64 0.40 -0.76	32.47 0.28 -0.57	40.51 0.78 -1.38	50.83 0.27 -2.38	57.41 -0.54 -3.62	66.65 -0.60 -4.81	78.06 -0.72 -5.85	86.74 -0.23 -5.90	93.23 -0.32 -4.80	84.94 -1.22 -3.98	85.18 -1.30 -4.00	57.09 -0.79 -2.81	44.81 -0.69 -1.50	45.25 -1.13 -1.61	53.96 -1.43 -2.36	58.06 -2.32 -2.39	64.51 -2.99 -3.12	65.01 -2.06 -3.11	59.15 -0.90 -2.67	48.20 -0.11 -1.63	47.82 0.24 -1.66
OZONE_PARK_ESR 323760	41.59 2.13 -0.94	34.71 1.63 -0.11	34.19 1.41 0.00	35.82 1.34 0.00	32.93 1.32 0.00	40.05 1.70 0.00	51.21 1.74 -1.29	57.77 1.96 -1.49	65.18 2.22 -0.51	77.93 2.75 -2.25	86.20 3.12 -2.01	94.50 3.83 -1.91	89.03 3.71 -3.14	88.20 3.56 -2.16	59.29 2.49 -1.74	46.34 2.29 -0.06	48.14 2.69 -0.68	56.47 3.26 -0.18	61.49 3.50 0.00	68.20 3.82 0.00	69.96 3.37 -2.64	60.78 2.60 -0.80	48.75 2.07 0.00	48.13 2.22 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	40.07 0.43 -1.10	33.83 0.29 -0.57	33.73 0.35 -0.60	35.64 0.40 -0.76	32.47 0.28 -0.57	40.51 0.78 -1.38	50.83 0.27 -2.38	57.41 -0.54 -3.62	66.65 -0.60 -4.81	78.06 -0.72 -5.85	86.74 -0.23 -5.90	93.23 -0.32 -4.80	84.94 -1.22 -3.98	85.18 -1.30 -4.00	57.09 -0.79 -2.81	44.81 -0.69 -1.50	45.25 -1.13 -1.61	53.96 -1.43 -2.36	58.06 -2.32 -2.39	64.51 -2.99 -3.12	65.01 -2.06 -3.11	59.15 -0.90 -2.67	48.20 -0.11 -1.63	47.82 0.24 -1.66
PACKARD__115KV_DUPONT_184 80571	40.07 0.43 -1.10	33.83 0.29 -0.57	33.73 0.35 -0.60	35.64 0.40 -0.76	32.47 0.28 -0.57	40.51 0.78 -1.38	50.83 0.27 -2.38	57.41 -0.54 -3.62	66.65 -0.60 -4.81	78.06 -0.72 -5.85	86.74 -0.23 -5.90	93.23 -0.32 -4.80	84.94 -1.22 -3.98	85.18 -1.30 -4.00	57.09 -0.79 -2.81	44.81 -0.69 -1.50	45.25 -1.13 -1.61	53.96 -1.43 -2.36	58.06 -2.32 -2.39	64.51 -2.99 -3.12	65.01 -2.06 -3.11	59.15 -0.90 -2.67	48.20 -0.11 -1.63	47.82 0.24 -1.66
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.84 1.37 -0.94	34.08 1.00 -0.11	33.57 0.79 0.00	35.23 0.76 0.00	32.47 0.85 0.00	39.44 1.08 0.00	50.40 0.93 -1.29	56.97 1.16 -1.49	64.38 1.42 -0.51	76.84 1.65 -2.25	84.72 1.64 -2.01	92.78 2.11 -1.91	87.37 2.05 -3.14	86.68 2.04 -2.16	58.30 1.50 -1.74	45.54 1.48 -0.06	47.33 1.88 -0.68	55.43 2.22 -0.18	60.35 2.36 0.00	67.04 2.67 0.00	68.78 2.18 -2.64	59.74 1.56 -0.80	47.99 1.31 0.00	47.37 1.45 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.92 2.45 -0.94	35.00 1.92 -0.11	34.50 1.72 0.00	36.22 1.75 0.00	33.40 1.79 0.00	40.63 2.27 0.00	51.95 2.48 -1.29	58.67 2.87 -1.49	66.27 3.32 -0.51	79.01 3.82 -2.25	87.10 4.02 -2.01	95.77 5.10 -1.91	90.12 4.79 -3.14	89.40 4.76 -2.16	60.10 3.30 -1.74	46.99 2.93 -0.06	48.83 3.38 -0.68	57.16 3.95 -0.18	62.20 4.21 0.00	69.15 4.78 0.00	70.91 4.32 -2.64	61.65 3.47 -0.80	49.50 2.82 0.00	48.87 2.95 0.00
PATROON__115KV_TB1 80586	37.45 -0.30 0.78	32.64 -0.24 0.09	32.53 -0.25 0.00	34.20 -0.27 0.00	31.41 -0.20 0.00	38.06 -0.29 0.00	46.69 -0.41 1.08	52.77 -0.51 1.04	61.52 -0.57 0.35	70.64 -0.73 1.57	78.77 -0.90 1.40	86.52 -0.90 1.34	79.07 -0.93 2.19	80.14 -0.83 1.51	53.35 -0.49 1.22	43.70 -0.26 0.04	44.14 -0.15 0.48	52.54 -0.36 0.13	57.66 -0.33 0.00	63.89 -0.49 0.00	61.54 -0.58 1.84	56.28 -0.54 0.56	46.23 -0.45 0.00	45.59 -0.32 0.00
PATTRSNVILLE___SOLAR 323815	38.70 0.84 0.67	33.61 0.72 0.08	33.48 0.69 0.00	35.20 0.73 0.00	32.29 0.68 0.00	39.17 0.82 0.00	48.31 1.05 0.93	54.67 1.24 0.89	63.48 1.34 0.30	73.13 1.53 1.34	81.55 1.67 1.19	89.49 1.87 1.14	81.91 1.59 1.87	82.84 1.66 1.29	55.07 1.05 1.04	44.94 0.98 0.03	45.52 1.16 0.40	54.28 1.36 0.11	59.50 1.51 0.00	65.93 1.56 0.00	63.89 1.51 1.57	58.25 1.35 0.48	47.74 1.05 0.00	46.94 1.02 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	40.56 0.88 -1.15	34.17 0.61 -0.59	34.08 0.68 -0.62	36.02 0.75 -0.80	32.82 0.60 -0.60	40.97 1.17 -1.45	51.50 0.84 -2.48	59.18 1.08 -3.78	68.81 1.34 -5.02	80.74 1.70 -6.11	89.39 2.17 -6.16	96.19 2.42 -5.02	87.74 1.40 -4.15	87.92 1.26 -4.19	58.68 0.68 -2.93	45.68 0.11 -1.57	46.24 -0.22 -1.68	55.46 -0.03 -2.46	59.81 -0.68 -2.50	67.01 -0.62 -3.26	67.21 0.00 -3.25	60.68 0.51 -2.79	49.03 0.64 -1.70	48.35 0.70 -1.73
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.81 1.43 -0.85	34.17 1.08 -0.11	33.71 0.93 0.00	35.40 0.93 0.00	32.56 0.94 0.00	39.55 1.20 0.00	50.70 1.25 -1.28	57.18 1.40 -1.47	64.51 1.57 -0.50	77.08 1.93 -2.22	85.22 2.17 -1.98	93.32 2.68 -1.89	87.81 2.54 -3.09	87.11 2.50 -2.13	58.57 1.79 -1.72	45.75 1.69 -0.06	47.47 2.03 -0.67	55.63 2.42 -0.18	60.71 2.72 0.00	67.39 3.01 0.00	69.19 2.64 -2.60	60.20 2.03 -0.79	48.23 1.55 0.00	47.55 1.63 0.00
PEEKSKILL___ 23653	40.63 1.18 -0.92	33.93 0.85 -0.11	33.45 0.67 0.00	35.12 0.65 0.00	32.32 0.71 0.00	39.27 0.92 0.00	50.26 0.81 -1.27	56.60 0.81 -1.47	63.76 0.81 -0.50	76.18 1.02 -2.22	84.31 1.25 -1.99	92.33 1.68 -1.89	86.89 1.61 -3.10	86.19 1.57 -2.14	57.96 1.18 -1.72	45.27 1.22 -0.06	47.04 1.59 -0.67	55.11 1.90 -0.18	60.13 2.14 0.00	66.74 2.36 0.00	68.49 1.93 -2.60	59.56 1.39 -0.79	47.75 1.07 0.00	47.18 1.26 0.00
PGE MADISON___WINDPWR 24146	42.10 2.07 -1.50	35.23 1.49 -0.77	34.90 1.30 -0.82	37.07 1.56 -1.04	33.73 1.34 -0.78	42.34 2.11 -1.89	54.35 2.93 -3.24	62.81 3.53 -4.95	72.96 3.94 -6.57	85.72 4.79 -7.99	94.62 5.54 -8.02	101.48 6.21 -6.52	93.18 5.60 -5.39	93.89 5.96 -5.45	63.31 4.41 -3.84	49.25 3.19 -2.06	49.93 2.96 -2.20	60.27 4.01 -3.22	65.47 4.21 -3.27	73.32 4.68 -4.27	72.75 4.54 -4.25	65.12 4.08 -3.66	52.06 3.15 -2.24	51.20 3.02 -2.27

PIERCEFIELD___HYD 23852	39.90 0.96 -0.41	34.09 0.90 -0.21	33.93 0.92 -0.23	35.75 1.00 -0.29	32.71 0.88 -0.22	39.90 1.02 -0.52	50.92 1.85 -0.89	57.89 2.21 -1.36	66.67 2.42 -1.80	77.90 2.78 -2.19	86.65 3.39 -2.19	93.83 3.27 -1.80	140.95 3.56 -55.20	87.21 3.23 -1.50	58.09 1.97 -1.05	45.95 1.39 -0.56	46.52 1.13 -0.61	55.26 1.17 -1.05	60.25 1.19 -1.07	67.20 1.43 -1.40	67.06 1.72 -1.39	60.44 1.87 -1.20	49.13 1.72 -0.73	48.13 1.48 -0.74
PINELAWN_CC_1 323563	41.14 1.68 -0.94	34.29 1.21 -0.11	33.65 0.86 0.00	35.24 0.77 0.00	32.51 0.90 0.00	39.80 1.45 0.00	49.95 0.48 -1.29	49.50 0.17 4.99	50.79 0.11 11.77	52.45 0.28 20.76	49.03 0.19 32.24	50.17 0.28 38.86	46.93 0.30 35.55	20.30 0.25 62.43	19.65 0.28 35.69	18.53 0.54 26.01	20.13 0.76 25.40	25.43 0.88 28.49	17.94 1.28 41.34	33.89 1.46 31.95	28.15 1.14 36.95	36.02 1.07 22.43	46.36 0.91 1.24	47.19 1.32 0.04
PJM_GEN_HTTP_PROXY 323702	40.97 1.50 -0.94	34.20 1.12 -0.11	33.69 0.91 0.00	35.36 0.89 0.00	32.40 0.95 0.17	39.76 1.24 -0.17	50.59 1.11 -1.29	57.01 1.20 -1.49	64.27 1.32 -0.51	76.86 1.68 -2.25	85.06 1.99 -2.01	93.20 2.53 -1.91	87.73 2.41 -3.14	87.04 2.40 -2.16	58.53 1.73 -1.74	45.69 1.68 0.00	47.54 2.09 -0.68	55.70 2.49 -0.18	60.70 2.71 0.00	67.34 2.96 0.00	69.09 2.50 -2.64	60.00 1.82 -0.80	48.12 1.44 0.00	47.53 1.61 0.00
PJM_GEN_KEystone 24065	40.25 0.57 -1.16	33.70 0.32 -0.41	33.42 0.27 -0.38	35.24 0.29 -0.48	32.11 0.30 -0.20	39.96 0.57 -1.04	50.55 0.23 -2.14	58.44 0.29 -3.83	66.07 0.23 -3.39	78.26 0.37 -4.95	85.94 0.45 -4.42	93.17 0.65 -3.77	86.48 0.25 -4.05	86.02 0.15 -3.40	57.59 0.11 -2.42	44.85 0.03 -0.82	46.31 0.14 -1.40	55.03 0.37 -1.63	59.70 0.15 -1.56	66.63 0.23 -2.03	67.62 0.29 -3.37	59.83 0.31 -2.15	48.01 0.27 -1.06	48.14 0.39 -1.83
PJM_GEN_NEPTUNE_PROXY 323594	40.08 1.33 -0.22	27.24 0.95 6.69	33.23 0.62 0.17	34.99 0.53 0.01	31.15 0.66 1.13	33.29 1.12 6.18	45.10 0.19 3.27	46.10 -0.12 8.09	45.64 -0.29 16.52	44.80 -0.20 27.94	41.08 0.11 40.10	41.00 0.47 48.23	38.40 0.54 44.33	7.24 0.53 75.76	7.74 0.49 47.82	7.78 0.75 36.96	7.04 1.11 38.84	4.77 1.29 49.55	8.56 1.47 50.90	20.46 1.64 45.56	18.41 1.20 46.75	30.10 0.65 27.93	45.68 0.59 1.59	46.85 0.99 0.06
PJM_GEN_VFT_PROXY 323633	40.77 1.30 -0.94	34.01 0.93 -0.11	33.50 0.72 0.00	35.15 0.68 0.00	32.23 0.78 0.17	39.56 1.04 -0.17	50.31 0.84 -1.29	56.65 0.84 -1.49	63.85 0.89 -0.51	76.35 1.17 -2.25	78.13 1.39 4.33	87.79 1.93 2.89	85.16 1.85 -1.13	82.00 1.84 2.31	53.88 1.33 2.51	43.52 1.41 1.89	47.28 1.83 -0.68	55.44 2.23 -0.18	60.43 2.44 0.00	67.10 2.72 0.00	68.71 2.11 -2.64	59.62 1.45 -0.80	47.84 1.16 0.00	47.30 1.39 0.00
PLATSBURG_115KV_PMLD1 355749	39.47 0.94 0.00	33.87 0.89 0.00	33.67 0.89 0.00	35.60 1.13 0.00	32.25 0.64 0.00	39.11 0.76 0.00	49.34 1.16 0.00	55.55 1.23 0.00	63.28 0.83 0.00	74.21 1.27 0.00	83.37 2.30 0.00	91.57 2.82 0.00	89.53 3.23 -4.11	85.34 2.87 0.00	56.57 1.51 0.00	45.28 1.28 0.00	46.10 1.33 0.00	54.75 1.72 0.00	59.87 1.88 0.00	66.43 2.06 0.00	65.74 1.79 0.00	59.53 2.15 0.00	48.46 1.78 0.00	47.45 1.54 0.00
PLEASANTVLY___LBMP 24000	40.34 0.76 -1.06	33.65 0.56 -0.12	33.22 0.44 0.00	34.90 0.43 0.00	32.09 0.47 0.00	38.92 0.57 0.00	50.05 0.43 -1.44	56.36 0.42 -1.62	63.40 0.40 -0.55	75.92 0.53 -2.46	83.83 0.57 -2.19	91.71 0.86 -2.09	86.45 0.84 -3.43	85.67 0.83 -2.36	57.63 0.66 -1.90	44.86 0.79 -0.06	46.61 1.09 -0.74	54.46 1.23 -0.20	59.38 1.39 0.00	65.89 1.51 0.00	68.04 1.21 -2.88	59.09 0.83 -0.87	47.35 0.67 0.00	46.75 0.83 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.81 1.33 -0.95	34.09 1.01 -0.11	33.61 0.83 0.00	35.29 0.82 0.00	32.47 0.86 0.00	39.45 1.10 0.00	50.53 1.05 -1.31	56.94 1.12 -1.50	64.22 1.26 -0.51	76.79 1.59 -2.27	84.87 1.78 -2.02	92.95 2.26 -1.93	87.51 2.16 -3.17	86.79 2.13 -2.18	58.36 1.54 -1.76	45.57 1.51 -0.06	47.31 1.85 -0.69	55.41 2.20 -0.18	60.46 2.47 0.00	67.08 2.70 0.00	68.91 2.30 -2.66	59.90 1.72 -0.81	48.01 1.33 0.00	47.39 1.48 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.81 1.33 -0.95	34.09 1.01 -0.11	33.61 0.83 0.00	35.29 0.82 0.00	32.47 0.86 0.00	39.45 1.10 0.00	50.53 1.05 -1.31	56.94 1.12 -1.50	64.22 1.26 -0.51	76.79 1.59 -2.27	84.87 1.78 -2.02	92.95 2.26 -1.93	87.51 2.16 -3.17	86.79 2.13 -2.18	58.36 1.54 -1.76	45.57 1.51 -0.06	47.31 1.85 -0.69	55.41 2.20 -0.18	60.46 2.47 0.00	67.08 2.70 0.00	68.91 2.30 -2.66	59.90 1.72 -0.81	48.01 1.33 0.00	47.39 1.48 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.80 1.15 -0.13	33.97 0.89 -0.10	33.54 0.76 0.00	35.24 0.77 0.00	32.39 0.78 0.00	39.32 0.96 0.00	50.40 0.97 -1.25	56.85 1.10 -1.43	64.16 1.23 -0.49	76.62 1.52 -2.16	84.70 1.70 -1.93	92.72 2.12 -1.84	87.22 2.01 -3.02	86.56 2.00 -2.08	58.16 1.42 -1.68	45.46 1.40 -0.06	47.15 1.72 -0.65	55.23 2.03 -0.17	60.25 2.26 0.00	66.91 2.53 0.00	68.68 2.19 -2.54	59.82 1.67 -0.77	47.97 1.28 0.00	47.29 1.37 0.00
POLETTI____ 23519	26.97 1.00 12.56	25.21 0.67 8.43	25.21 0.45 8.02	25.22 0.41 9.66	25.21 0.54 6.93	25.21 0.70 13.83	25.73 0.41 22.86	39.78 0.62 15.16	50.93 0.87 12.39	62.65 0.96 11.24	71.15 0.75 10.67	81.99 1.12 7.89	76.55 1.18 6.82	75.80 1.15 7.82	47.31 0.90 8.66	34.54 1.01 10.47	36.32 1.39 9.84	44.51 1.63 10.16	49.40 1.73 10.31	56.08 1.97 10.26	56.96 1.48 8.48	47.75 0.92 10.55	32.88 0.84 14.64	33.78 1.04 13.17
POMONA___ESR 323819	40.66 1.25 -0.88	33.97 0.89 -0.10	33.48 0.70 0.00	35.15 0.68 0.00	32.36 0.75 0.00	39.31 0.96 0.00	50.28 0.88 -1.22	56.62 0.88 -1.42	63.81 0.87 -0.49	76.21 1.12 -2.15	84.36 1.37 -1.92	92.39 1.81 -1.83	86.94 1.75 -3.00	86.25 1.71 -2.07	58.00 1.27 -1.67	45.34 1.29 -0.06	47.11 1.69 -0.65	55.25 2.05 -0.17	60.31 2.32 0.00	66.93 2.56 0.00	68.60 2.13 -2.52	59.66 1.52 -0.77	47.84 1.16 0.00	47.28 1.36 0.00
PORT_JEFF_3 23555	40.42 1.40 -0.50	29.89 0.96 4.04	33.29 0.60 0.10	34.96 0.50 0.00	31.69 0.64 0.57	35.75 1.17 3.77	46.76 0.00 1.42	46.96 -0.51 6.85	47.19 -0.62 14.64	47.45 -0.41 25.08	44.12 -0.05 36.91	44.70 0.38 44.44	41.80 0.36 40.74	12.84 0.24 69.87	12.22 0.12 42.97	11.99 0.45 32.46	12.23 0.83 33.36	12.91 0.91 41.03	12.14 1.17 47.03	25.61 1.30 40.06	22.15 0.97 42.78	32.26 0.60 25.71	45.76 0.53 1.45	46.80 0.93 0.05
PORT_JEFF_4 23616	40.42 1.40 -0.50	29.89 0.96 4.04	33.29 0.60 0.10	34.96 0.50 0.00	31.69 0.64 0.57	35.75 1.17 3.77	46.76 0.00 1.42	46.96 -0.51 6.85	47.19 -0.62 14.64	47.45 -0.41 25.08	44.12 -0.05 36.91	44.70 0.38 44.44	41.80 0.36 40.74	12.84 0.24 69.87	12.22 0.12 42.97	11.99 0.45 32.46	12.23 0.83 33.36	12.91 0.91 41.03	12.14 1.17 47.03	25.61 1.30 40.06	22.15 0.97 42.78	32.26 0.60 25.71	45.76 0.53 1.45	46.80 0.93 0.05

PORT_JEFF_IC 23713	40.51 1.47 -0.52	30.07 1.02 3.93	33.38 0.69 0.09	35.05 0.58 0.00	31.80 0.74 0.55	35.94 1.24 3.66	46.98 0.13 1.33	47.33 -0.19 6.79	47.60 -0.30 14.55	47.95 -0.05 24.94	44.58 0.26 36.75	45.23 0.73 44.25	42.33 0.71 40.56	13.49 0.59 69.58	12.73 0.41 42.73	12.42 0.67 32.24	12.72 1.04 33.09	13.61 1.18 40.60	12.58 1.43 46.84	26.21 1.62 39.79	22.67 1.30 42.59	32.63 0.85 25.60	45.92 0.68 1.45	46.90 1.03 0.05
PPL PILGRIM_ST_GT1 24216	40.90 1.80 -0.57	30.88 1.31 3.40	33.66 0.96 0.08	35.34 0.87 0.00	32.12 0.98 0.47	36.79 1.58 3.14	47.77 0.55 0.96	47.81 0.04 6.54	48.43 0.14 14.16	48.92 0.35 24.36	45.71 0.77 36.13	46.48 1.24 43.52	43.57 1.26 39.87	15.27 1.23 68.43	14.19 0.91 41.79	13.72 1.10 31.38	14.21 1.47 32.03	15.76 1.69 38.96	13.89 1.99 46.09	27.87 2.22 38.72	23.88 1.75 41.82	33.36 1.15 25.16	46.26 0.99 1.42	47.28 1.41 0.05
PPL PILGRIM_ST_GT2 24217	40.90 1.80 -0.57	30.88 1.31 3.40	33.66 0.96 0.08	35.34 0.87 0.00	32.12 0.98 0.47	36.79 1.58 3.14	47.77 0.55 0.96	47.81 0.04 6.54	48.43 0.14 14.16	48.92 0.35 24.36	45.71 0.77 36.13	46.48 1.24 43.52	43.57 1.26 39.87	15.27 1.23 68.43	14.19 0.91 41.79	13.72 1.10 31.38	14.21 1.47 32.03	15.76 1.69 38.96	13.89 1.99 46.09	27.87 2.22 38.72	23.88 1.75 41.82	33.36 1.15 25.16	46.26 0.99 1.42	47.28 1.41 0.05
PPL_SHRM_GT3 24213	40.13 1.09 -0.51	29.68 0.69 3.98	33.00 0.32 0.09	34.65 0.18 0.00	31.41 0.36 0.56	35.47 0.83 3.71	46.34 -0.47 1.37	46.44 -1.05 6.82	46.60 -1.25 14.59	46.75 -1.18 25.01	43.30 -0.94 36.83	43.84 -0.57 44.34	41.04 -0.49 40.65	12.44 -0.31 69.72	12.06 -0.15 42.85	11.89 0.24 32.35	12.18 0.63 33.22	12.89 0.67 40.82	12.01 0.95 46.93	25.42 0.97 39.92	21.79 0.51 42.68	31.75 0.03 25.66	45.26 0.03 1.45	46.28 0.41 0.05
PPL_SHRM_GT4 24214	40.13 1.09 -0.51	29.68 0.69 3.98	33.00 0.32 0.09	34.65 0.18 0.00	31.41 0.36 0.56	35.47 0.83 3.71	46.34 -0.47 1.37	46.44 -1.05 6.82	46.60 -1.25 14.59	46.75 -1.18 25.01	43.30 -0.94 36.83	43.84 -0.57 44.34	41.04 -0.49 40.65	12.44 -0.31 69.72	12.06 -0.15 42.85	11.89 0.24 32.35	12.18 0.63 33.22	12.89 0.67 40.82	12.01 0.95 46.93	25.42 0.97 39.92	21.79 0.51 42.68	31.75 0.03 25.66	45.26 0.03 1.45	46.28 0.41 0.05
PROJECT___ORANGE 1 24174	40.36 -0.18 -2.02	33.79 -0.22 -1.03	33.66 -0.21 -1.09	35.65 -0.21 -1.40	32.48 -0.18 -1.05	40.75 -0.13 -2.53	52.37 -0.15 -4.34	60.84 -0.06 -6.58	71.12 -0.06 -8.73	83.58 0.03 -10.61	92.05 0.47 -10.51	97.63 0.13 -8.74	90.98 -0.05 -8.86	89.77 0.01 -7.29	60.20 0.04 -5.10	46.70 -0.02 -2.73	47.67 -0.02 -2.93	57.38 0.00 -4.35	62.27 -0.13 -4.41	70.05 -0.08 -5.75	69.60 -0.09 -5.74	62.21 -0.10 -4.93	49.53 -0.17 -3.01	48.79 -0.19 -3.06
PROJECT___ORANGE 2 24166	40.36 -0.18 -2.02	33.79 -0.22 -1.03	33.66 -0.21 -1.09	35.65 -0.21 -1.40	32.48 -0.18 -1.05	40.75 -0.13 -2.53	52.37 -0.15 -4.34	60.84 -0.06 -6.58	71.12 -0.06 -8.73	83.58 0.03 -10.61	92.05 0.47 -10.51	97.63 0.13 -8.74	90.98 -0.05 -8.86	89.77 0.01 -7.29	60.20 0.04 -5.10	46.70 -0.02 -2.73	47.67 -0.02 -2.93	57.38 0.00 -4.35	62.27 -0.13 -4.41	70.05 -0.08 -5.75	69.60 -0.09 -5.74	62.21 -0.10 -4.93	49.53 -0.17 -3.01	48.79 -0.19 -3.06
PUCKETT___SOLAR 323809	40.53 0.57 -1.43	34.06 0.36 -0.73	33.96 0.41 -0.77	36.01 0.56 -0.99	32.85 0.49 -0.75	40.87 0.73 -1.79	52.10 0.85 -3.07	60.15 1.12 -4.71	69.86 1.16 -6.25	81.91 1.38 -7.60	90.25 1.53 -7.65	96.70 1.72 -6.23	88.77 1.43 -5.15	89.23 1.55 -5.20	59.95 1.24 -3.65	46.83 0.87 -1.95	47.63 0.77 -2.10	57.26 1.16 -3.06	62.24 1.14 -3.11	69.84 1.40 -4.06	69.45 1.45 -4.05	62.14 1.29 -3.48	49.72 0.92 -2.12	48.97 0.90 -2.16
PYRITES___HYD 24023	40.52 1.61 -0.39	34.63 1.46 -0.20	34.45 1.46 -0.21	36.32 1.59 -0.27	33.28 1.46 -0.20	40.62 1.78 -0.49	51.83 2.81 -0.83	58.88 3.30 -1.26	67.72 3.60 -1.67	78.85 3.88 -2.04	87.77 4.67 -2.04	94.92 4.49 -1.68	145.16 4.69 -58.29	88.32 4.45 -1.40	58.91 2.87 -0.98	46.64 2.12 -0.52	47.25 1.91 -0.57	56.18 2.17 -0.98	61.41 2.42 -0.99	68.50 2.83 -1.30	68.26 3.01 -1.29	61.38 2.89 -1.11	49.83 2.48 -0.68	48.77 2.17 -0.69
QUAKERRD_115KV_BK1 80622	39.30 -0.29 -1.06	33.18 -0.34 -0.55	33.02 -0.33 -0.57	34.86 -0.34 -0.73	31.85 -0.32 -0.55	39.54 -0.14 -1.33	50.21 -0.24 -2.28	57.63 -0.16 -3.47	66.92 -0.13 -4.61	78.42 -0.11 -5.60	86.81 0.09 -5.65	93.46 0.09 -4.62	85.72 -0.29 -3.82	86.00 -0.32 -3.85	57.49 -0.27 -2.69	45.05 -0.39 -1.44	45.81 -0.50 -1.54	54.81 -0.48 -2.26	59.51 -0.77 -2.29	66.59 -0.78 -2.99	66.33 -0.60 -2.98	59.53 -0.41 -2.56	47.88 -0.36 -1.56	47.10 -0.41 -1.59
QUENSBRY_115KV_TB8 356137	38.73 1.12 0.91	33.94 1.07 0.11	33.81 1.02 0.00	35.56 1.09 0.00	32.60 0.99 0.00	39.70 1.35 0.00	48.72 1.79 1.26	55.02 1.93 1.23	64.08 2.05 0.42	73.42 2.34 1.86	81.77 2.37 1.66	89.91 2.74 1.58	81.95 2.36 2.60	83.14 2.45 1.79	55.17 1.55 1.44	45.39 1.44 0.05	45.86 1.65 0.56	54.77 1.89 0.15	60.12 2.13 0.00	66.47 2.10 0.00	63.68 1.91 2.18	58.93 2.21 0.66	48.35 1.67 0.00	47.41 1.50 0.00
RAMAPO___LBMP 323565	40.47 1.08 -0.87	33.81 0.73 -0.10	33.33 0.54 0.00	35.01 0.54 0.00	32.22 0.61 0.00	39.14 0.79 0.00	50.05 0.67 -1.20	56.39 0.67 -1.41	63.56 0.63 -0.48	75.88 0.82 -2.12	83.92 0.95 -1.90	91.91 1.34 -1.81	86.46 1.31 -2.96	85.78 1.27 -2.04	57.67 0.96 -1.64	45.09 1.04 -0.05	46.84 1.42 -0.64	54.93 1.73 -0.17	59.96 1.97 0.00	66.56 2.19 0.00	68.20 1.76 -2.49	59.35 1.22 -0.76	47.61 0.93 0.00	47.04 1.12 0.00
RANKINE____ 23646	40.75 1.08 -1.15	34.35 0.79 -0.59	34.26 0.86 -0.62	36.21 0.94 -0.79	32.98 0.77 -0.60	41.16 1.37 -1.44	51.69 1.04 -2.47	59.38 1.30 -3.76	68.98 1.54 -4.99	80.91 1.91 -6.07	89.72 2.53 -6.12	96.54 2.79 -4.99	88.05 1.74 -4.13	88.23 1.59 -4.16	58.87 0.90 -2.92	45.79 0.23 -1.56	46.32 -0.13 -1.67	55.51 0.03 -2.45	59.87 -0.60 -2.49	67.07 -0.54 -3.24	67.29 0.11 -3.23	60.81 0.65 -2.78	49.20 0.82 -1.70	48.57 0.93 -1.72
RAVENSWOOD_GT2_1 24244	40.98 1.51 -0.94	34.21 1.13 -0.11	33.71 0.93 0.00	35.38 0.90 0.00	32.57 0.96 0.00	39.59 1.24 0.00	50.60 1.12 -1.29	57.05 1.24 -1.49	64.35 1.39 -0.51	76.94 1.76 -2.25	85.08 2.00 -2.01	93.17 2.51 -1.91	87.72 2.40 -3.14	87.02 2.39 -2.16	58.53 1.73 -1.74	45.72 1.67 -0.06	47.50 2.05 -0.68	55.68 2.46 -0.18	60.67 2.68 0.00	67.34 2.97 0.00	69.09 2.50 -2.64	60.01 1.83 -0.80	48.14 1.46 0.00	47.55 1.63 0.00
RAVENSWOOD_GT2_2 24245	40.98 1.51 -0.94	34.21 1.13 -0.11	33.71 0.93 0.00	35.38 0.90 0.00	32.57 0.96 0.00	39.59 1.24 0.00	50.60 1.12 -1.29	57.05 1.24 -1.49	64.35 1.39 -0.51	76.94 1.76 -2.25	85.08 2.00 -2.01	93.17 2.51 -1.91	87.72 2.40 -3.14	87.02 2.39 -2.16	58.53 1.73 -1.74	45.72 1.67 -0.06	47.50 2.05 -0.68	55.68 2.46 -0.18	60.67 2.68 0.00	67.34 2.97 0.00	69.09 2.50 -2.64	60.01 1.83 -0.80	48.14 1.46 0.00	47.55 1.63 0.00

RAVENSWOOD_GT2_3 24246	41.00 1.54 -0.94	34.23 1.15 -0.11	33.72 0.94 0.00	35.39 0.92 0.00	32.59 0.98 0.00	39.61 1.26 0.00	50.62 1.15 -1.29	57.08 1.28 -1.49	64.39 1.43 -0.51	76.99 1.80 -2.25	85.13 2.06 -2.01	93.26 2.59 -1.91	87.79 2.47 -3.14	87.08 2.45 -2.16	58.56 1.76 -1.74	45.75 1.69 -0.06	47.54 2.09 -0.68	55.72 2.51 -0.18	60.71 2.72 0.00	67.37 3.00 0.00	69.14 2.55 -2.64	60.05 1.87 -0.80	48.16 1.48 0.00	47.58 1.66 0.00
RAVENSWOOD_GT2_4 24247	41.00 1.54 -0.94	34.23 1.15 -0.11	33.72 0.94 0.00	35.39 0.92 0.00	32.59 0.98 0.00	39.61 1.26 0.00	50.62 1.15 -1.29	57.08 1.28 -1.49	64.39 1.43 -0.51	76.99 1.80 -2.25	85.13 2.06 -2.01	93.26 2.59 -1.91	87.79 2.47 -3.14	87.08 2.45 -2.16	58.56 1.76 -1.74	45.75 1.69 -0.06	47.54 2.09 -0.68	55.72 2.51 -0.18	60.71 2.72 0.00	67.37 3.00 0.00	69.14 2.55 -2.64	60.05 1.87 -0.80	48.16 1.48 0.00	47.58 1.66 0.00
RAVENSWOOD_GT3_1 24248	40.98 1.51 -0.94	34.21 1.13 -0.11	33.71 0.93 0.00	35.38 0.91 0.00	32.58 0.96 0.00	39.59 1.24 0.00	50.60 1.13 -1.29	57.05 1.24 -1.49	64.35 1.39 -0.51	76.95 1.76 -2.25	85.08 2.00 -2.01	93.18 2.51 -1.91	87.72 2.40 -3.14	87.03 2.39 -2.16	58.53 1.73 -1.74	45.72 1.67 -0.06	47.50 2.05 -0.68	55.68 2.47 -0.18	60.67 2.68 0.00	67.34 2.97 0.00	69.09 2.50 -2.64	60.01 1.84 -0.80	48.14 1.46 0.00	47.55 1.64 0.00
RAVENSWOOD_GT3_2 24249	40.98 1.51 -0.94	34.21 1.13 -0.11	33.71 0.93 0.00	35.38 0.91 0.00	32.58 0.96 0.00	39.59 1.24 0.00	50.60 1.13 -1.29	57.05 1.24 -1.49	64.35 1.39 -0.51	76.95 1.76 -2.25	85.08 2.00 -2.01	93.18 2.51 -1.91	87.72 2.40 -3.14	87.03 2.39 -2.16	58.53 1.73 -1.74	45.72 1.67 -0.06	47.50 2.05 -0.68	55.68 2.47 -0.18	60.67 2.68 0.00	67.34 2.97 0.00	69.09 2.50 -2.64	60.01 1.84 -0.80	48.14 1.46 0.00	47.55 1.64 0.00
RAVENSWOOD_GT3_3 24250	41.05 1.59 -0.94	34.27 1.19 -0.11	33.77 0.98 0.00	35.43 0.96 0.00	32.63 1.02 0.00	39.67 1.32 0.00	50.69 1.22 -1.29	57.16 1.35 -1.49	64.49 1.53 -0.51	77.10 1.91 -2.25	85.25 2.17 -2.01	93.39 2.72 -1.91	87.92 2.60 -3.14	87.22 2.58 -2.16	58.65 1.85 -1.74	45.82 1.77 -0.06	47.60 2.15 -0.68	55.80 2.59 -0.18	60.81 2.82 0.00	67.48 3.11 0.00	69.22 2.63 -2.64	60.14 1.96 -0.80	48.24 1.55 0.00	47.64 1.72 0.00
RAVENSWOOD_GT3_4 24251	41.05 1.59 -0.94	34.27 1.19 -0.11	33.77 0.98 0.00	35.43 0.96 0.00	32.63 1.02 0.00	39.67 1.32 0.00	50.69 1.22 -1.29	57.16 1.35 -1.49	64.49 1.53 -0.51	77.10 1.91 -2.25	85.25 2.17 -2.01	93.39 2.72 -1.91	87.92 2.60 -3.14	87.22 2.58 -2.16	58.65 1.85 -1.74	45.82 1.77 -0.06	47.60 2.15 -0.68	55.80 2.59 -0.18	60.81 2.82 0.00	67.48 3.11 0.00	69.22 2.63 -2.64	60.14 1.96 -0.80	48.24 1.55 0.00	47.64 1.72 0.00
RAVENSWOOD_GT_1 23729	40.96 1.50 -0.94	34.20 1.12 -0.11	33.68 0.90 0.00	35.34 0.88 0.00	32.55 0.94 0.00	39.56 1.21 0.00	50.49 1.01 -1.29	56.95 1.14 -1.49	64.30 1.34 -0.51	76.86 1.67 -2.25	84.92 1.84 -2.01	93.01 2.33 -1.91	87.59 2.27 -3.14	86.87 2.23 -2.16	58.43 1.62 -1.74	45.64 1.59 -0.06	47.43 1.97 -0.68	55.60 2.39 -0.18	60.54 2.55 0.00	67.19 2.82 0.00	68.92 2.33 -2.64	59.84 1.66 -0.80	48.04 1.36 0.00	47.46 1.54 0.00
RAVENSWOOD_GT_10 24258	40.98 1.52 -0.94	34.22 1.14 -0.11	33.71 0.93 0.00	35.38 0.91 0.00	32.58 0.96 0.00	39.59 1.24 0.00	50.62 1.14 -1.29	57.06 1.26 -1.49	64.36 1.41 -0.51	76.96 1.77 -2.25	85.09 2.01 -2.01	93.21 2.54 -1.91	87.76 2.44 -3.14	87.06 2.42 -2.16	58.54 1.74 -1.74	45.74 1.68 -0.06	47.51 2.06 -0.68	55.69 2.48 -0.18	60.69 2.70 0.00	67.35 2.98 0.00	69.10 2.51 -2.64	60.03 1.85 -0.80	48.14 1.46 0.00	47.57 1.65 0.00
RAVENSWOOD_GT_11 24259	40.98 1.52 -0.94	34.22 1.14 -0.11	33.71 0.93 0.00	35.38 0.91 0.00	32.58 0.96 0.00	39.59 1.24 0.00	50.62 1.14 -1.29	57.06 1.26 -1.49	64.36 1.41 -0.51	76.96 1.77 -2.25	85.09 2.01 -2.01	93.21 2.54 -1.91	87.76 2.44 -3.14	87.06 2.42 -2.16	58.54 1.74 -1.74	45.74 1.68 -0.06	47.51 2.06 -0.68	55.69 2.48 -0.18	60.69 2.70 0.00	67.35 2.98 0.00	69.10 2.51 -2.64	60.03 1.85 -0.80	48.14 1.46 0.00	47.57 1.65 0.00
RAVENSWOOD_GT_4 24252	41.01 1.55 -0.94	34.24 1.15 -0.11	33.73 0.95 0.00	35.40 0.93 0.00	32.60 0.99 0.00	39.63 1.28 0.00	50.66 1.19 -1.29	57.12 1.31 -1.49	64.41 1.45 -0.51	77.03 1.84 -2.25	85.17 2.09 -2.01	93.31 2.64 -1.91	87.84 2.52 -3.14	87.14 2.50 -2.16	58.61 1.80 -1.74	45.78 1.72 -0.06	47.56 2.11 -0.68	55.74 2.53 -0.18	60.76 2.77 0.00	67.41 3.04 0.00	69.18 2.59 -2.64	60.09 1.91 -0.80	48.19 1.51 0.00	47.62 1.70 0.00
RAVENSWOOD_GT_5 24254	41.01 1.55 -0.94	34.24 1.15 -0.11	33.73 0.95 0.00	35.40 0.93 0.00	32.60 0.99 0.00	39.63 1.28 0.00	50.66 1.19 -1.29	57.12 1.31 -1.49	64.41 1.45 -0.51	77.03 1.84 -2.25	85.17 2.09 -2.01	93.31 2.64 -1.91	87.84 2.52 -3.14	87.14 2.50 -2.16	58.61 1.80 -1.74	45.78 1.72 -0.06	47.56 2.11 -0.68	55.74 2.53 -0.18	60.76 2.77 0.00	67.41 3.04 0.00	69.18 2.59 -2.64	60.09 1.91 -0.80	48.19 1.51 0.00	47.62 1.70 0.00
RAVENSWOOD_GT_6 24253	41.01 1.55 -0.94	34.24 1.15 -0.11	33.73 0.95 0.00	35.40 0.93 0.00	32.60 0.99 0.00	39.63 1.28 0.00	50.66 1.19 -1.29	57.12 1.31 -1.49	64.41 1.45 -0.51	77.03 1.84 -2.25	85.17 2.09 -2.01	93.31 2.64 -1.91	87.84 2.52 -3.14	87.14 2.50 -2.16	58.61 1.80 -1.74	45.78 1.72 -0.06	47.56 2.11 -0.68	55.74 2.53 -0.18	60.76 2.77 0.00	67.41 3.04 0.00	69.18 2.59 -2.64	60.09 1.91 -0.80	48.19 1.51 0.00	47.62 1.70 0.00
RAVENSWOOD_GT_7 24255	41.01 1.55 -0.94	34.24 1.15 -0.11	33.73 0.95 0.00	35.40 0.93 0.00	32.60 0.99 0.00	39.63 1.28 0.00	50.66 1.19 -1.29	57.12 1.31 -1.49	64.41 1.45 -0.51	77.03 1.84 -2.25	85.17 2.09 -2.01	93.31 2.64 -1.91	87.84 2.52 -3.14	87.14 2.50 -2.16	58.61 1.80 -1.74	45.78 1.72 -0.06	47.56 2.11 -0.68	55.74 2.53 -0.18	60.76 2.77 0.00	67.41 3.04 0.00	69.18 2.59 -2.64	60.09 1.91 -0.80	48.19 1.51 0.00	47.62 1.70 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.98 1.52 -0.94	34.22 1.14 -0.11	33.71 0.93 0.00	35.38 0.91 0.00	32.58 0.96 0.00	39.59 1.24 0.00	50.62 1.14 -1.29	57.06 1.26 -1.49	64.36 1.41 -0.51	76.96 1.77 -2.25	85.09 2.01 -2.01	93.21 2.54 -1.91	87.76 2.44 -3.14	87.06 2.42 -2.16	58.54 1.74 -1.74	45.74 1.68 -0.06	47.51 2.06 -0.68	55.69 2.48 -0.18	60.69 2.70 0.00	67.35 2.98 0.00	69.10 2.51 -2.64	60.03 1.85 -0.80	48.14 1.46 0.00	47.57 1.65 0.00
RAVENSWOOD_GT_9 24257	40.98 1.52 -0.94	34.22 1.14 -0.11	33.71 0.93 0.00	35.38 0.91 0.00	32.58 0.96 0.00	39.59 1.24 0.00	50.62 1.14 -1.29	57.06 1.26 -1.49	64.36 1.41 -0.51	76.96 1.77 -2.25	85.09 2.01 -2.01	93.21 2.54 -1.91	87.76 2.44 -3.14	87.06 2.42 -2.16	58.54 1.74 -1.74	45.74 1.68 -0.06	47.51 2.06 -0.68	55.69 2.48 -0.18	60.69 2.70 0.00	67.35 2.98 0.00	69.10 2.51 -2.64	60.03 1.85 -0.80	48.14 1.46 0.00	47.57 1.65 0.00

RAVENSWOOD___1 23533	40.90 1.44 -0.94	34.15 1.07 -0.11	33.64 0.86 0.00	35.30 0.83 0.00	32.51 0.90 0.00	39.50 1.15 0.00	50.43 0.96 -1.29	56.81 1.00 -1.49	64.04 1.09 -0.51	76.57 1.38 -2.25	84.73 1.65 -2.01	92.84 2.17 -1.91	87.42 2.09 -3.14	86.70 2.06 -2.16	58.32 1.51 -1.74	45.57 1.51 -0.06	47.36 1.92 -0.68	55.50 2.28 -0.18	60.45 2.46 0.00	67.10 2.73 0.00	68.82 2.23 -2.64	59.76 1.58 -0.80	47.95 1.27 0.00	47.37 1.45 0.00
RAVENSWOOD___2 23534	40.76 1.29 -0.94	34.09 1.01 -0.11	33.58 0.80 0.00	35.23 0.77 0.00	32.47 0.85 0.00	39.38 1.02 0.00	50.10 0.63 -1.29	56.36 0.55 -1.49	63.54 0.58 -0.51	75.98 0.80 -2.25	84.08 1.00 -2.01	92.11 1.44 -1.91	86.76 1.44 -3.14	86.04 1.40 -2.16	57.88 1.07 -1.74	45.22 1.16 -0.06	47.01 1.56 -0.68	55.07 1.86 -0.18	60.00 2.00 0.00	66.58 2.21 0.00	68.30 1.71 -2.64	59.30 1.12 -0.80	47.58 0.89 0.00	47.02 1.10 0.00
RAVENSWOOD___3 23535	40.98 1.52 -0.94	34.21 1.13 -0.11	33.71 0.93 0.00	35.38 0.91 0.00	32.58 0.96 0.00	39.59 1.24 0.00	50.60 1.13 -1.29	56.99 1.18 -1.49	64.27 1.31 -0.51	76.84 1.66 -2.25	85.04 1.96 -2.01	93.17 2.50 -1.91	87.71 2.39 -3.14	87.01 2.37 -2.16	58.51 1.71 -1.74	45.73 1.67 -0.06	47.51 2.06 -0.68	55.67 2.46 -0.18	60.67 2.68 0.00	67.33 2.96 0.00	69.08 2.50 -2.64	60.00 1.82 -0.80	48.14 1.45 0.00	47.56 1.64 0.00
RAVENSWOOD___4 23820	40.90 1.44 -0.94	34.15 1.07 -0.11	33.64 0.86 0.00	35.30 0.83 0.00	32.51 0.90 0.00	39.50 1.15 0.00	50.43 0.96 -1.29	56.81 1.00 -1.49	64.04 1.09 -0.51	76.57 1.38 -2.25	84.73 1.65 -2.01	92.84 2.17 -1.91	87.42 2.09 -3.14	86.70 2.06 -2.16	58.32 1.51 -1.74	45.57 1.51 -0.06	47.36 1.92 -0.68	55.50 2.28 -0.18	60.45 2.46 0.00	67.10 2.73 0.00	68.82 2.23 -2.64	59.76 1.58 -0.80	47.95 1.27 0.00	47.37 1.45 0.00
RCPL_TRUST___DRP 24196	41.02 1.55 -0.94	34.25 1.16 -0.11	33.74 0.96 0.00	35.40 0.93 0.00	32.60 0.99 0.00	39.64 1.28 0.00	50.66 1.19 -1.29	57.13 1.33 -1.49	64.47 1.51 -0.51	77.10 1.91 -2.25	85.26 2.18 -2.01	93.41 2.74 -1.91	87.94 2.62 -3.14	87.23 2.59 -2.16	58.66 1.86 -1.74	45.83 1.77 -0.06	47.63 2.18 -0.68	55.82 2.61 -0.18	60.81 2.82 0.00	67.47 3.09 0.00	69.21 2.62 -2.64	60.10 1.93 -0.80	48.19 1.51 0.00	47.60 1.68 0.00
RED___ROCHESTER 323720	40.57 1.03 -1.02	34.25 0.76 -0.52	34.08 0.75 -0.55	35.96 0.79 -0.71	32.85 0.71 -0.53	40.79 1.17 -1.28	51.71 1.35 -2.19	59.38 1.73 -3.33	68.95 2.08 -4.42	80.78 2.47 -5.37	89.40 2.91 -5.42	96.26 3.09 -4.43	88.25 2.40 -3.66	88.48 2.31 -3.69	59.18 1.53 -2.58	46.38 1.00 -1.38	47.16 0.92 -1.48	56.47 1.27 -2.17	61.26 1.07 -2.20	68.45 1.21 -2.87	68.25 1.44 -2.86	61.30 1.46 -2.46	49.37 1.19 -1.50	48.56 1.11 -1.52
REGAN___SOLAR 323812	39.72 1.80 0.61	34.40 1.50 0.07	34.20 1.41 0.00	35.94 1.47 0.00	33.00 1.39 0.00	40.12 1.77 0.00	49.77 2.44 0.84	56.54 3.02 0.80	65.55 3.37 0.27	75.58 3.84 1.20	84.22 4.23 1.08	92.33 4.60 1.02	84.49 3.99 1.68	85.27 3.95 1.16	56.52 2.39 0.93	46.10 2.14 0.03	46.82 2.42 0.36	56.05 3.12 0.10	61.42 3.43 0.00	68.02 3.64 0.00	66.16 3.61 1.41	60.09 3.14 0.43	49.11 2.43 0.00	48.17 2.26 0.00
RENSSELAER___COGEN 23796	37.09 -0.68 0.75	32.34 -0.55 0.09	32.22 -0.56 0.00	33.87 -0.59 0.00	31.11 -0.50 0.00	37.69 -0.67 0.00	46.23 -0.91 1.04	52.23 -1.10 0.99	60.85 -1.25 0.34	69.88 -1.56 1.50	77.90 -1.82 1.34	85.55 -1.92 1.28	78.19 -1.89 2.10	79.22 -1.81 1.44	52.76 -1.14 1.16	43.19 -0.77 0.04	43.64 -0.67 0.46	51.91 -1.00 0.12	56.98 -1.00 0.00	63.17 -1.21 0.00	60.92 -1.28 1.76	55.69 -1.16 0.54	45.76 -0.92 0.00	45.20 -0.72 0.00
REPUBLIC_115KV_BARTNBK 55605	40.75 3.15 0.93	35.73 2.86 0.11	35.57 2.79 0.00	37.41 2.94 0.00	34.26 2.65 0.00	42.13 3.78 0.00	52.03 5.13 1.28	58.59 5.52 1.25	67.98 5.96 0.43	77.98 6.93 1.89	86.32 6.94 1.68	95.00 7.85 1.60	86.56 7.01 2.63	87.82 7.16 1.81	58.11 4.51 1.46	47.96 4.01 0.05	48.59 4.39 0.57	58.06 5.18 0.15	63.73 5.75 0.00	70.42 6.04 0.00	67.37 5.63 2.21	62.79 6.09 0.67	51.48 4.80 0.00	50.34 4.43 0.00
REVERE_CPPR_DRP 24186	40.79 1.33 -0.93	34.52 1.06 -0.48	34.33 1.05 -0.51	36.25 1.13 -0.65	33.16 1.06 -0.49	40.78 1.26 -1.17	52.18 1.98 -2.01	59.79 2.42 -3.05	69.31 2.81 -4.05	81.28 3.42 -4.92	89.98 4.02 -4.89	97.16 4.35 -4.06	93.97 3.66 -8.13	89.60 3.74 -3.38	60.01 2.58 -2.37	47.32 2.06 -1.27	48.32 2.19 -1.36	57.69 2.55 -2.10	62.82 2.69 -2.14	70.31 3.15 -2.78	69.82 3.09 -2.77	62.49 2.73 -2.38	50.23 2.09 -1.46	49.26 1.87 -1.48
REYNLDPA_13_KV_LD 356490	39.17 0.65 0.00	33.61 0.64 0.00	33.42 0.64 0.00	35.14 0.67 0.00	32.19 0.58 0.00	39.12 0.77 0.00	49.28 1.10 0.00	55.59 1.27 0.00	63.91 1.46 0.00	74.58 1.64 0.00	82.70 1.63 0.00	89.31 0.56 0.00	75.41 1.37 8.15	83.88 1.41 0.00	56.08 1.02 0.00	44.77 0.77 0.00	45.37 0.60 0.00	53.89 0.86 0.00	59.02 1.03 0.00	65.51 1.14 0.00	65.18 1.23 0.00	58.55 1.17 0.00	47.67 0.99 0.00	46.80 0.88 0.00
REYNOLDS_115KV_TB3 80639	37.39 -0.23 0.91	32.70 -0.16 0.10	32.59 -0.19 0.00	34.27 -0.20 0.00	31.47 -0.14 0.00	38.14 -0.21 0.00	46.58 -0.34 1.26	52.60 -0.50 1.22	61.44 -0.59 0.42	70.36 -0.74 1.84	78.45 -0.97 1.64	86.18 -1.01 1.57	78.54 -1.07 2.57	79.74 -0.97 1.77	53.06 -0.57 1.42	43.64 -0.31 0.05	43.98 -0.24 0.56	52.36 -0.53 0.15	57.54 -0.45 0.00	63.75 -0.62 0.00	61.08 -0.71 2.16	56.12 -0.60 0.66	46.22 -0.46 0.00	45.61 -0.31 0.00
RIVERBAY____ 323610	41.92 2.45 -0.94	35.00 1.92 -0.11	34.50 1.72 0.00	36.22 1.75 0.00	33.40 1.79 0.00	40.63 2.27 0.00	51.95 2.48 -1.29	58.67 2.87 -1.49	66.27 3.32 -0.51	79.01 3.82 -2.25	87.10 4.02 -2.01	95.77 5.10 -1.91	90.12 4.79 -3.14	89.40 4.76 -2.16	60.10 3.30 -1.74	46.99 2.93 -0.06	48.83 3.38 -0.68	57.16 3.95 -0.18	62.20 4.21 0.00	69.15 4.78 0.00	70.91 4.32 -2.64	61.65 3.47 -0.80	49.50 2.82 0.00	48.87 2.95 0.00
RIVERSDE_115KV_TB3 55908	37.31 -0.38 0.84	32.59 -0.28 0.10	32.48 -0.31 0.00	34.15 -0.32 0.00	31.36 -0.25 0.00	38.01 -0.34 0.00	46.52 -0.51 1.15	52.55 -0.66 1.12	61.33 -0.73 0.38	70.33 -0.93 1.68	78.42 -1.15 1.50	86.14 -1.18 1.43	78.61 -1.22 2.35	79.75 -1.11 1.62	53.09 -0.67 1.30	43.57 -0.39 0.04	43.95 -0.32 0.51	52.31 -0.58 0.14	57.45 -0.54 0.00	63.65 -0.72 0.00	61.18 -0.80 1.97	56.07 -0.71 0.60	46.11 -0.57 0.00	45.51 -0.41 0.00
ROARING___BROOK_WT_PWR 323790	38.28 -0.25 0.00	32.85 -0.13 0.00	32.68 -0.11 0.00	34.30 -0.17 0.00	31.17 -0.44 0.00	37.83 -0.52 0.00	48.08 -0.10 0.00	54.33 0.02 0.00	62.47 0.02 0.00	72.85 -0.09 0.00	80.98 -0.09 0.00	88.74 -0.02 0.00	80.92 0.09 1.35	82.61 0.13 0.00	55.11 0.05 0.00	44.07 0.07 0.00	44.83 0.06 0.00	53.11 0.07 0.00	58.06 0.07 0.00	64.31 -0.06 0.00	63.97 0.02 0.00	57.38 0.00 0.00	46.81 0.13 0.00	45.99 0.07 0.00

ROCHESRG_115KV_T4 355643	40.12 0.60 -1.00	33.89 0.41 -0.51	33.73 0.41 -0.54	35.60 0.44 -0.69	32.52 0.38 -0.52	40.36 0.76 -1.25	51.11 0.79 -2.15	58.59 1.00 -3.27	67.99 1.20 -4.33	79.67 1.46 -5.27	88.27 1.88 -5.32	95.13 2.04 -4.34	87.19 1.41 -3.59	87.42 1.32 -3.62	58.44 0.84 -2.53	45.81 0.45 -1.35	46.54 0.32 -1.45	55.68 0.52 -2.13	60.43 0.28 -2.16	67.54 0.35 -2.81	67.38 0.62 -2.80	60.56 0.77 -2.41	48.78 0.63 -1.47	48.01 0.59 -1.49
ROCHESTER_9_IC 23652	40.38 0.84 -1.02	34.10 0.61 -0.52	33.94 0.61 -0.55	35.81 0.64 -0.71	32.71 0.57 -0.53	40.63 1.00 -1.28	51.47 1.11 -2.19	59.03 1.38 -3.33	68.52 1.65 -4.42	80.29 1.98 -5.37	88.97 2.48 -5.42	95.85 2.67 -4.43	87.84 1.99 -3.66	88.07 1.90 -3.69	58.88 1.23 -2.58	46.14 0.76 -1.38	46.90 0.65 -1.48	56.15 0.95 -2.16	60.89 0.70 -2.20	68.10 0.86 -2.87	67.90 1.08 -2.86	60.99 1.16 -2.46	49.13 0.94 -1.50	48.32 0.88 -1.52
ROCKVIEW_13_KV_LD 356306	41.01 1.54 -0.94	34.24 1.15 -0.11	33.74 0.96 0.00	35.42 0.95 0.00	32.60 0.99 0.00	39.62 1.27 0.00	50.69 1.22 -1.29	57.12 1.32 -1.49	64.41 1.45 -0.51	77.02 1.83 -2.25	85.15 2.08 -2.01	93.28 2.61 -1.91	87.82 2.50 -3.14	87.10 2.46 -2.16	58.58 1.77 -1.74	45.76 1.70 -0.06	47.55 2.10 -0.68	55.70 2.49 -0.18	60.75 2.76 0.00	67.41 3.04 0.00	69.21 2.62 -2.64	60.14 1.96 -0.80	48.21 1.52 0.00	47.61 1.69 0.00
ROME____115KV_TB2 80656	40.79 1.33 -0.93	34.52 1.06 -0.48	34.33 1.05 -0.51	36.25 1.13 -0.65	33.16 1.06 -0.49	40.78 1.26 -1.17	52.18 1.98 -2.01	59.79 2.42 -3.05	69.31 2.81 -4.05	81.28 3.42 -4.92	89.98 4.02 -4.89	97.16 4.35 -4.06	93.97 3.66 -8.13	89.60 3.74 -3.38	60.01 2.58 -2.37	47.32 2.06 -1.27	48.32 2.19 -1.36	57.69 2.55 -2.10	62.82 2.69 -2.14	70.31 3.15 -2.78	69.82 3.09 -2.77	62.49 2.73 -2.38	50.23 2.09 -1.46	49.26 1.87 -1.48
ROSETON___1 23587	40.16 0.76 -0.87	33.63 0.55 -0.10	33.21 0.43 0.00	34.89 0.42 0.00	32.08 0.46 0.00	38.91 0.55 0.00	49.80 0.41 -1.20	56.06 0.35 -1.40	63.23 0.31 -0.48	75.47 0.43 -2.11	83.43 0.48 -1.88	91.29 0.73 -1.79	85.86 0.74 -2.94	85.22 0.71 -2.03	57.31 0.62 -1.63	44.84 0.78 -0.05	46.47 1.07 -0.64	54.37 1.17 -0.17	59.32 1.32 0.00	65.82 1.44 0.00	67.58 1.15 -2.47	58.95 0.82 -0.75	47.34 0.66 0.00	46.74 0.83 0.00
ROSETON___2 23588	40.16 0.76 -0.87	33.63 0.55 -0.10	33.21 0.43 0.00	34.89 0.42 0.00	32.08 0.46 0.00	38.91 0.55 0.00	49.80 0.41 -1.20	56.06 0.35 -1.40	63.23 0.31 -0.48	75.47 0.43 -2.11	83.43 0.48 -1.88	91.29 0.73 -1.79	85.86 0.74 -2.94	85.22 0.71 -2.03	57.31 0.62 -1.63	44.84 0.78 -0.05	46.47 1.07 -0.64	54.37 1.17 -0.17	59.32 1.32 0.00	65.82 1.44 0.00	67.58 1.15 -2.47	58.95 0.82 -0.75	47.34 0.66 0.00	46.74 0.83 0.00
ROTRDAM_115KV_TB3 80664	38.34 0.52 0.70	33.36 0.47 0.08	33.24 0.46 0.00	34.95 0.48 0.00	32.07 0.46 0.00	38.87 0.52 0.00	47.82 0.61 0.97	54.05 0.66 0.93	62.84 0.71 0.32	72.34 0.81 1.41	80.67 0.85 1.26	88.56 1.01 1.20	81.05 0.83 1.96	82.01 0.88 1.35	54.58 0.61 1.09	44.56 0.59 0.04	45.07 0.73 0.42	53.70 0.78 0.11	58.87 0.89 0.00	65.27 0.90 0.00	63.15 0.83 1.65	57.64 0.76 0.50	47.28 0.60 0.00	46.54 0.62 0.00
RUSSELL___1 23602	40.57 1.03 -1.02	34.25 0.76 -0.52	34.08 0.75 -0.55	35.97 0.80 -0.71	32.85 0.71 -0.53	40.79 1.17 -1.28	51.71 1.34 -2.19	59.30 1.66 -3.33	68.85 1.99 -4.42	80.66 2.35 -5.37	89.35 2.86 -5.42	96.26 3.08 -4.43	88.23 2.38 -3.66	88.47 2.31 -3.69	59.16 1.51 -2.58	46.38 1.00 -1.38	47.17 0.92 -1.48	56.47 1.27 -2.17	61.25 1.06 -2.20	68.46 1.22 -2.87	68.25 1.44 -2.86	61.29 1.46 -2.46	49.36 1.18 -1.50	48.55 1.11 -1.52
RUSSELL___2 23532	40.57 1.03 -1.02	34.25 0.76 -0.52	34.08 0.75 -0.55	35.97 0.80 -0.71	32.85 0.71 -0.53	40.79 1.17 -1.28	51.71 1.34 -2.19	59.30 1.66 -3.33	68.85 1.99 -4.42	80.66 2.35 -5.37	89.35 2.86 -5.42	96.26 3.08 -4.43	88.23 2.38 -3.66	88.47 2.31 -3.69	59.16 1.51 -2.58	46.38 1.00 -1.38	47.17 0.92 -1.48	56.47 1.27 -2.17	61.25 1.06 -2.20	68.46 1.22 -2.87	68.25 1.44 -2.86	61.29 1.46 -2.46	49.36 1.18 -1.50	48.55 1.11 -1.52
RUSSELL___3 23549	40.57 1.03 -1.02	34.25 0.76 -0.52	34.08 0.75 -0.55	35.97 0.80 -0.71	32.85 0.71 -0.53	40.79 1.17 -1.28	51.71 1.34 -2.19	59.30 1.66 -3.33	68.85 1.99 -4.42	80.66 2.35 -5.37	89.35 2.86 -5.42	96.26 3.08 -4.43	88.23 2.38 -3.66	88.47 2.31 -3.69	59.16 1.51 -2.58	46.38 1.00 -1.38	47.17 0.92 -1.48	56.47 1.27 -2.17	61.25 1.06 -2.20	68.46 1.22 -2.87	68.25 1.44 -2.86	61.29 1.46 -2.46	49.36 1.18 -1.50	48.55 1.11 -1.52
RUSSELL___4 23556	40.57 1.03 -1.02	34.25 0.76 -0.52	34.08 0.75 -0.55	35.97 0.80 -0.71	32.85 0.71 -0.53	40.79 1.17 -1.28	51.71 1.34 -2.19	59.30 1.66 -3.33	68.85 1.99 -4.42	80.66 2.35 -5.37	89.35 2.86 -5.42	96.26 3.08 -4.43	88.23 2.38 -3.66	88.47 2.31 -3.69	59.16 1.51 -2.58	46.38 1.00 -1.38	47.17 0.92 -1.48	56.47 1.27 -2.17	61.25 1.06 -2.20	68.46 1.22 -2.87	68.25 1.44 -2.86	61.29 1.46 -2.46	49.36 1.18 -1.50	48.55 1.11 -1.52
RUSSELL___STATION 23914	40.57 1.03 -1.02	34.25 0.76 -0.52	34.08 0.75 -0.55	35.97 0.80 -0.71	32.85 0.71 -0.53	40.79 1.17 -1.28	51.71 1.34 -2.19	59.30 1.66 -3.33	68.85 1.99 -4.42	80.66 2.35 -5.37	89.35 2.86 -5.42	96.26 3.08 -4.43	88.23 2.38 -3.66	88.47 2.31 -3.69	59.16 1.51 -2.58	46.38 1.00 -1.38	47.17 0.92 -1.48	56.47 1.27 -2.17	61.25 1.06 -2.20	68.46 1.22 -2.87	68.25 1.44 -2.86	61.29 1.46 -2.46	49.36 1.18 -1.50	48.55 1.11 -1.52
S SALMON___HYD 24043	41.46 0.26 -2.67	34.51 0.17 -1.37	34.41 0.18 -1.45	36.54 0.22 -1.85	33.27 0.27 -1.39	41.87 0.17 -3.35	54.54 0.62 -5.74	63.98 0.96 -8.70	75.13 1.14 -11.55	88.46 1.49 -14.04	96.91 1.76 -14.09	102.12 1.81 -11.56	99.27 1.50 -15.58	93.69 1.58 -9.64	62.94 1.13 -6.75	48.51 0.90 -3.61	49.50 0.79 -3.94	60.39 0.48 -6.88	65.42 0.44 -6.99	74.17 0.68 -9.11	73.79 0.76 -9.08	65.99 0.81 -7.81	52.02 0.57 -4.77	51.24 0.48 -4.84
S.PERRY__115KV_TB1 80734	41.90 2.08 -1.30	35.31 1.67 -0.67	35.20 1.71 -0.71	37.18 1.81 -0.90	33.86 1.57 -0.68	42.30 2.31 -1.63	53.78 2.80 -2.80	62.13 3.54 -4.27	72.14 4.02 -5.67	84.50 4.68 -6.89	93.10 5.09 -6.94	99.85 5.43 -5.66	91.46 4.59 -4.69	91.38 4.18 -4.72	60.72 2.35 -3.31	47.12 1.35 -1.77	48.14 1.47 -1.90	58.02 2.21 -2.78	63.04 2.23 -2.82	71.17 3.11 -3.68	71.05 3.43 -3.67	63.61 3.09 -3.15	51.07 2.46 -1.93	50.07 2.20 -1.95
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	40.50 0.85 -1.12	34.16 0.61 -0.57	34.06 0.68 -0.60	35.99 0.75 -0.77	32.79 0.59 -0.58	40.92 1.17 -1.40	51.34 0.75 -2.41	58.83 0.84 -3.67	68.30 0.99 -4.86	80.07 1.23 -5.91	88.87 1.84 -5.96	95.63 2.01 -4.86	87.20 0.99 -4.03	87.38 0.85 -4.06	58.37 0.46 -2.84	45.44 -0.08 -1.52	45.93 -0.47 -1.63	55.01 -0.41 -2.38	59.34 -1.07 -2.42	66.39 -1.14 -3.16	66.68 -0.43 -3.15	60.36 0.27 -2.70	48.90 0.56 -1.65	48.30 0.70 -1.68

SAWYER___23_KV_LOAD 55526	40.50 0.85 -1.12	34.16 0.61 -0.57	34.06 0.68 -0.60	35.99 0.75 -0.77	32.79 0.59 -0.58	40.92 1.17 -1.40	51.34 0.75 -2.41	58.83 0.84 -3.67	68.30 0.99 -4.86	80.07 1.23 -5.91	88.87 1.84 -5.96	95.63 2.01 -4.86	87.20 0.99 -4.03	87.38 0.85 -4.06	58.37 0.46 -2.84	45.44 -0.08 -1.52	45.93 -0.47 -1.63	55.01 -0.41 -2.38	59.34 -1.07 -2.42	66.39 -1.14 -3.16	66.68 -0.43 -3.15	60.36 0.27 -2.70	48.90 0.56 -1.65	48.30 0.70 -1.68
SELKIRK___I 23801	37.12 -0.94 0.46	32.17 -0.75 0.05	32.06 -0.72 0.00	33.71 -0.76 0.00	30.95 -0.67 0.00	37.45 -0.91 0.00	46.38 -1.17 0.63	52.33 -1.42 0.57	60.56 -1.70 0.19	70.01 -2.07 0.86	77.94 -2.36 0.77	85.48 -2.55 0.73	78.55 -2.43 1.20	79.28 -2.36 0.83	52.83 -1.57 0.67	42.86 -1.12 0.02	43.47 -1.04 0.26	51.60 -1.37 0.07	56.55 -1.44 0.00	62.69 -1.69 0.00	61.29 -1.66 1.01	55.55 -1.52 0.30	45.77 -0.91 0.00	45.81 -0.11 0.00
SELKIRK___II 23799	37.32 -0.66 0.55	32.38 -0.53 0.06	32.25 -0.53 0.00	33.90 -0.56 0.00	31.13 -0.48 0.00	37.68 -0.67 0.00	46.51 -0.92 0.75	52.51 -1.11 0.70	60.91 -1.30 0.24	70.31 -1.57 1.06	78.32 -1.80 0.94	85.94 -1.91 0.90	78.88 -1.83 1.47	79.71 -1.75 1.01	53.13 -1.12 0.82	43.22 -0.75 0.03	43.80 -0.65 0.32	52.00 -0.95 0.09	57.01 -0.98 0.00	63.21 -1.17 0.00	61.53 -1.20 1.24	55.89 -1.12 0.38	45.80 -0.88 0.00	45.37 -0.55 0.00
SENECA OSWGO___HYD 24041	40.03 -0.21 -1.72	33.60 -0.25 -0.88	33.47 -0.24 -0.93	35.42 -0.24 -1.19	32.28 -0.22 -0.90	40.33 -0.18 -2.15	51.66 -0.21 -3.69	59.80 -0.12 -5.60	69.78 -0.10 -7.43	81.93 -0.03 -9.03	90.23 0.15 -9.01	96.12 -0.07 -7.44	89.76 -0.22 -7.80	88.51 -0.17 -6.20	59.32 -0.09 -4.34	46.25 -0.08 -2.32	47.20 -0.07 -2.50	56.78 -0.03 -3.77	61.71 -0.11 -3.83	69.26 -0.10 -4.99	68.84 -0.09 -4.97	61.58 -0.07 -4.27	49.11 -0.18 -2.61	48.37 -0.20 -2.65
SENECA___115KV_TB3 355854	40.82 1.15 -1.15	34.40 0.84 -0.59	34.31 0.90 -0.62	36.26 0.99 -0.79	33.03 0.82 -0.60	41.22 1.43 -1.44	51.77 1.13 -2.47	59.47 1.39 -3.76	69.10 1.66 -4.99	81.05 2.05 -6.07	89.87 2.68 -6.12	96.71 2.97 -4.99	88.21 1.97 -4.13	88.37 1.73 -4.16	58.98 1.00 -2.92	45.87 0.31 -1.56	46.40 -0.04 -1.67	55.60 0.12 -2.45	59.97 -0.51 -2.49	67.19 -0.42 -3.24	67.40 0.22 -3.23	60.91 0.76 -2.78	49.28 0.90 -1.70	48.66 1.02 -1.72
SENECA___ENERGY 23797	42.24 1.03 -2.68	35.15 0.80 -1.38	35.08 0.84 -1.45	37.22 0.89 -1.86	33.85 0.84 -1.40	42.90 1.18 -3.37	55.37 1.42 -5.77	65.03 1.96 -8.75	76.29 2.23 -11.62	89.37 2.31 -14.12	97.41 2.11 -14.23	102.75 2.33 -11.67	94.88 1.97 -10.72	94.42 2.23 -9.72	63.58 1.73 -6.79	48.70 1.07 -3.63	49.78 1.11 -3.89	60.23 1.50 -5.70	65.35 1.58 -5.79	73.99 2.07 -7.54	73.41 1.93 -7.52	65.48 1.65 -6.46	51.83 1.20 -3.95	50.99 1.07 -4.01
SHOEMAKER___GT 23640	40.11 0.80 -0.79	33.63 0.57 -0.09	33.25 0.46 0.00	34.93 0.46 0.00	32.11 0.50 0.00	38.94 0.59 0.00	49.80 0.53 -1.09	56.19 0.56 -1.31	63.44 0.55 -0.45	75.64 0.73 -1.98	83.69 0.85 -1.77	91.62 1.17 -1.69	86.08 1.13 -2.77	85.41 1.03 -1.91	57.41 0.82 -1.53	44.98 0.93 -0.05	46.57 1.20 -0.60	54.57 1.38 -0.16	59.60 1.61 0.00	66.17 1.79 0.00	67.75 1.48 -2.32	59.13 1.05 -0.71	47.47 0.78 0.00	46.85 0.93 0.00
SHOEMAKR_138KV_BK 111 55601	40.10 0.79 -0.78	33.62 0.56 -0.09	33.22 0.44 0.00	34.91 0.44 0.00	32.10 0.49 0.00	38.95 0.59 0.00	49.77 0.52 -1.08	56.18 0.56 -1.30	63.46 0.57 -0.44	75.65 0.74 -1.97	83.64 0.82 -1.76	91.56 1.13 -1.67	86.01 1.08 -2.74	85.38 1.02 -1.89	57.39 0.81 -1.52	44.95 0.90 -0.05	46.55 1.19 -0.60	54.58 1.39 -0.16	59.59 1.59 0.00	66.14 1.76 0.00	67.74 1.48 -2.30	59.11 1.03 -0.70	47.46 0.78 0.00	46.83 0.91 0.00
SHOREHAM_IC_1 23715	40.13 1.09 -0.51	29.68 0.69 3.98	33.00 0.32 0.09	34.65 0.18 0.00	31.41 0.36 0.56	35.47 0.83 3.71	46.34 -0.47 1.37	46.44 -1.05 6.82	46.60 -1.25 14.59	46.75 -1.18 25.01	43.30 -0.94 36.83	43.84 -0.57 44.34	41.04 -0.49 40.65	12.44 -0.31 69.72	12.06 -0.15 42.85	11.89 0.24 32.35	12.18 0.63 33.22	12.89 0.67 40.82	12.01 0.95 46.93	25.42 0.97 39.92	21.79 0.51 42.68	31.75 0.03 25.66	45.26 0.03 1.45	46.28 0.41 0.05
SHOREHAM_IC_2 23716	40.13 1.09 -0.51	29.69 0.70 3.98	33.03 0.35 0.09	34.68 0.21 0.00	31.45 0.40 0.56	35.48 0.84 3.71	46.37 -0.44 1.37	46.62 -0.87 6.82	46.78 -1.08 14.59	46.95 -0.98 25.01	43.42 -0.82 36.83	43.95 -0.46 44.34	41.16 -0.37 40.65	12.53 -0.23 69.72	12.13 -0.09 42.85	11.94 0.29 32.35	12.21 0.67 33.22	12.95 0.74 40.82	12.05 0.99 46.93	25.52 1.07 39.92	21.90 0.63 42.68	31.86 0.14 25.66	45.31 0.08 1.45	46.29 0.42 0.05
SISSONVILLE___ 23735	39.90 0.96 -0.41	34.09 0.90 -0.21	33.93 0.92 -0.23	35.75 1.00 -0.29	32.71 0.88 -0.22	39.90 1.02 -0.52	50.92 1.85 -0.89	57.89 2.21 -1.36	66.67 2.42 -1.80	77.90 2.78 -2.19	86.65 3.39 -2.19	93.83 3.27 -1.80	140.95 3.56 -55.20	87.21 3.23 -1.50	58.09 1.97 -1.05	45.95 1.39 -0.56	46.52 1.13 -0.61	55.26 1.17 -1.05	60.25 1.19 -1.07	67.20 1.43 -1.40	67.06 1.72 -1.39	60.44 1.87 -1.20	49.13 1.72 -0.73	48.13 1.48 -0.74
SITHE_IND_GS1 24169	21.28 -1.02 16.23	23.73 -0.91 8.33	23.10 -0.89 8.79	22.30 -0.93 11.24	22.30 -0.85 8.46	17.01 -0.98 20.37	12.03 -1.24 34.91	0.20 -1.33 52.79	-9.13 -1.52 70.06	-13.98 -1.75 85.17	-6.73 -1.96 85.84	16.54 -2.14 70.07	22.09 -2.09 58.00	21.96 -2.07 58.44	12.78 -1.35 40.93	20.99 -1.11 21.89	20.16 -1.12 23.49	17.21 -1.30 34.52	21.42 -1.50 35.07	17.05 -1.63 45.69	16.80 -1.60 45.55	16.78 -1.44 39.16	21.54 -1.22 23.92	20.46 -1.18 24.28
SITHE_IND_GS2 24170	21.28 -1.02 16.23	23.73 -0.91 8.33	23.10 -0.89 8.79	22.30 -0.93 11.24	22.30 -0.85 8.46	17.01 -0.98 20.37	12.03 -1.24 34.91	0.20 -1.33 52.79	-9.13 -1.52 70.06	-13.98 -1.75 85.17	-6.73 -1.96 85.84	16.54 -2.14 70.07	22.09 -2.09 58.00	21.96 -2.07 58.44	12.78 -1.35 40.93	20.99 -1.11 21.89	20.16 -1.12 23.49	17.21 -1.30 34.52	21.42 -1.50 35.07	17.05 -1.63 45.69	16.80 -1.60 45.55	16.78 -1.44 39.16	21.54 -1.22 23.92	20.46 -1.18 24.28
SITHE_IND_GS3 24171	21.28 -1.02 16.23	23.73 -0.91 8.33	23.10 -0.89 8.79	22.30 -0.93 11.24	22.30 -0.85 8.46	17.01 -0.98 20.37	12.03 -1.24 34.91	0.20 -1.33 52.79	-9.13 -1.52 70.06	-13.98 -1.75 85.17	-6.73 -1.96 85.84	16.54 -2.14 70.07	22.09 -2.09 58.00	21.96 -2.07 58.44	12.78 -1.35 40.93	20.99 -1.11 21.89	20.16 -1.12 23.49	17.21 -1.30 34.52	21.42 -1.50 35.07	17.05 -1.63 45.69	16.80 -1.60 45.55	16.78 -1.44 39.16	21.54 -1.22 23.92	20.46 -1.18 24.28
SITHE_IND_GS4 24172	21.28 -1.02 16.23	23.73 -0.91 8.33	23.10 -0.89 8.79	22.30 -0.93 11.24	22.30 -0.85 8.46	17.01 -0.98 20.37	12.03 -1.24 34.91	0.20 -1.33 52.79	-9.13 -1.52 70.06	-13.98 -1.75 85.17	-6.73 -1.96 85.84	16.54 -2.14 70.07	22.09 -2.09 58.00	21.96 -2.07 58.44	12.78 -1.35 40.93	20.99 -1.11 21.89	20.16 -1.12 23.49	17.21 -1.30 34.52	21.42 -1.50 35.07	17.05 -1.63 45.69	16.80 -1.60 45.55	16.78 -1.44 39.16	21.54 -1.22 23.92	20.46 -1.18 24.28

SITHE___BATAVIA 24024	41.58 1.98 -1.08	35.08 1.55 -0.55	34.90 1.54 -0.58	36.85 1.64 -0.75	33.64 1.46 -0.56	41.96 2.26 -1.35	52.77 2.27 -2.32	60.76 2.91 -3.53	70.69 3.56 -4.69	82.82 4.18 -5.70	91.70 4.88 -5.75	98.53 5.08 -4.69	90.02 3.96 -3.88	90.15 3.76 -3.91	60.21 2.41 -2.74	46.93 1.46 -1.47	47.60 1.26 -1.57	57.01 1.68 -2.30	61.74 1.42 -2.33	69.18 1.76 -3.04	69.29 2.30 -3.03	62.43 2.45 -2.60	50.46 2.19 -1.59	49.66 2.13 -1.62
SITHE___INDEPEND 23800	21.28 -1.02 16.23	23.73 -0.91 8.33	23.10 -0.89 8.79	22.29 -0.93 11.24	22.30 -0.85 8.46	17.00 -0.98 20.37	12.03 -1.24 34.91	0.20 -1.34 52.79	-9.14 -1.52 70.06	-14.01 -1.78 85.17	-6.74 -1.97 85.84	16.53 -2.15 70.07	22.09 -2.09 58.00	21.96 -2.07 58.44	12.78 -1.35 40.93	20.99 -1.11 21.89	20.16 -1.12 23.49	17.21 -1.30 34.52	21.42 -1.51 35.07	17.06 -1.62 45.69	16.80 -1.60 45.55	16.78 -1.44 39.16	21.54 -1.22 23.92	20.46 -1.18 24.28
SITHE___MASSENA 23902	39.17 0.64 0.00	33.60 0.63 0.00	33.42 0.64 0.00	35.14 0.67 0.00	32.21 0.60 0.00	39.09 0.74 0.00	49.44 1.26 0.00	55.79 1.47 0.00	64.08 1.63 0.00	74.83 1.89 0.00	83.36 2.29 0.00	90.86 2.10 0.00	162.48 2.49 -77.81	84.66 2.18 0.00	56.32 1.25 0.00	44.82 0.82 0.00	45.46 0.69 0.00	53.89 0.86 0.00	58.96 0.97 0.00	65.47 1.09 0.00	65.18 1.22 0.00	58.59 1.22 0.00	47.79 1.11 0.00	46.85 0.93 0.00
SITHE___OGDNSBRG 24021	40.00 1.47 0.00	34.30 1.33 0.00	34.12 1.34 0.00	35.91 1.44 0.00	32.94 1.33 0.00	39.99 1.64 0.00	50.75 2.58 0.00	57.33 3.01 0.00	65.72 3.27 0.00	76.41 3.47 0.00	85.28 4.21 0.00	92.78 4.03 0.00	149.56 4.31 -63.07	86.50 4.02 0.00	57.62 2.56 0.00	45.88 1.88 0.00	46.53 1.71 -0.04	55.88 2.01 -0.84	61.11 2.27 -0.85	68.13 2.65 -1.11	67.85 2.79 -1.10	60.97 2.64 -0.95	49.50 2.24 -0.58	48.46 1.96 -0.59
SITHE___STERLING 23777	40.56 0.97 -1.07	34.28 0.76 -0.55	34.08 0.72 -0.58	35.99 0.79 -0.74	32.92 0.75 -0.55	40.63 0.95 -1.34	51.94 1.47 -2.29	59.59 1.79 -3.48	69.15 2.09 -4.61	81.07 2.53 -5.61	89.65 3.02 -5.56	96.62 3.25 -4.62	91.95 2.68 -7.08	89.08 2.75 -3.85	59.67 1.91 -2.70	46.97 1.53 -1.44	47.96 1.64 -1.55	57.29 1.91 -2.35	62.37 2.00 -2.39	69.83 2.34 -3.11	69.35 2.30 -3.10	62.02 1.98 -2.66	49.80 1.49 -1.63	48.90 1.33 -1.65
SLEIGHT__34_KV_TB1 80719	40.33 0.35 -1.45	33.88 0.16 -0.74	33.73 0.16 -0.78	35.66 0.19 -1.00	32.55 0.19 -0.75	40.65 0.48 -1.82	51.94 0.64 -3.11	59.95 0.90 -4.73	69.80 1.07 -6.28	81.76 1.19 -7.64	90.30 1.53 -7.70	96.72 1.66 -6.31	88.56 1.16 -5.22	88.96 1.23 -5.25	59.54 0.81 -3.67	46.43 0.47 -1.96	47.27 0.39 -2.11	56.67 0.56 -3.08	61.55 0.43 -3.13	69.09 0.64 -4.08	68.76 0.75 -4.06	61.52 0.65 -3.49	49.27 0.46 -2.13	48.45 0.37 -2.17
SMITHTWN_69_KV_BK 1 55830	40.71 1.66 -0.52	30.29 1.17 3.86	33.53 0.85 0.09	35.20 0.73 0.00	31.95 0.88 0.54	36.19 1.42 3.59	47.26 0.36 1.28	47.65 0.08 6.75	47.99 0.03 14.48	48.39 0.28 24.84	45.05 0.61 36.63	45.78 1.14 44.11	42.91 1.16 40.43	14.19 1.07 69.36	13.27 0.78 42.57	12.89 0.97 32.07	13.22 1.33 32.87	14.32 1.55 40.27	13.12 1.83 46.69	26.88 2.07 39.57	23.21 1.69 42.44	32.99 1.13 25.52	46.12 0.87 1.44	47.09 1.23 0.05
SOUTH CAIRO___GT 23612	38.42 0.22 0.32	33.12 0.18 0.04	32.96 0.17 0.00	34.65 0.18 0.00	31.82 0.20 0.00	38.60 0.25 0.00	48.34 0.57 0.42	54.77 0.79 0.33	63.26 0.93 0.11	73.52 1.09 0.51	81.78 1.16 0.45	89.26 0.94 0.43	82.56 1.08 0.70	83.23 1.24 0.48	55.25 0.57 0.39	44.50 0.51 0.01	45.36 0.74 0.15	53.81 0.82 0.04	58.99 1.01 0.00	65.33 0.95 0.00	64.34 0.97 0.59	57.89 0.69 0.18	47.13 0.45 0.00	46.48 0.56 0.00
SOUTH HAMPTN___IC 23720	40.78 1.75 -0.50	30.19 1.24 4.03	33.53 0.85 0.10	35.23 0.76 0.00	31.92 0.87 0.57	36.00 1.40 3.76	46.81 0.03 1.40	46.75 -0.72 6.85	46.96 -0.86 14.63	47.20 -0.68 25.06	43.99 -0.19 36.89	44.42 0.08 44.41	41.60 0.14 40.72	12.89 0.25 69.83	12.33 0.21 42.94	12.08 0.52 32.43	12.38 0.93 33.33	13.09 1.03 40.98	12.32 1.33 47.00	25.76 1.41 40.02	22.12 0.92 42.75	32.04 0.36 25.70	45.51 0.28 1.45	46.50 0.63 0.05
SOUTHDOW_115KV_TB1 355954	41.67 1.98 -1.17	35.06 1.49 -0.60	34.96 1.54 -0.63	36.98 1.70 -0.81	33.70 1.48 -0.61	42.06 2.24 -1.47	53.42 2.72 -2.52	61.77 3.61 -3.85	71.70 4.14 -5.11	84.23 5.08 -6.21	93.14 5.82 -6.26	100.40 6.54 -5.10	91.53 5.12 -4.23	91.65 4.92 -4.26	61.04 3.00 -2.99	47.40 1.81 -1.60	47.61 1.13 -1.71	57.06 1.54 -2.49	61.70 1.18 -2.53	69.17 1.49 -3.30	69.21 1.96 -3.29	62.43 2.22 -2.83	50.23 1.82 -1.73	49.47 1.79 -1.76
SOUTHOLD_69_KV_BK 2 55809	41.49 2.47 -0.50	30.80 1.86 4.02	34.13 1.44 0.10	35.86 1.39 0.00	32.48 1.44 0.57	36.56 1.96 3.75	47.09 0.31 1.40	46.78 -0.69 6.85	46.87 -0.95 14.63	47.13 -0.75 25.06	44.04 -0.14 36.89	44.23 -0.11 44.41	41.46 -0.01 40.71	12.70 0.06 69.83	12.22 0.08 42.93	11.97 0.40 32.43	12.26 0.81 33.32	12.98 0.91 40.97	12.18 1.18 47.00	25.68 1.32 40.02	22.04 0.83 42.75	31.94 0.25 25.70	45.35 0.11 1.45	46.24 0.37 0.05
SOUTHOLD___IC 23719	41.49 2.47 -0.50	30.80 1.85 4.02	34.10 1.42 0.10	35.83 1.37 0.00	32.44 1.40 0.57	36.55 1.95 3.75	47.05 0.27 1.40	46.60 -0.87 6.85	46.71 -1.11 14.63	46.94 -0.94 25.06	43.93 -0.26 36.89	44.12 -0.22 44.41	41.35 -0.11 40.71	12.62 -0.03 69.83	12.13 0.00 42.93	11.91 0.35 32.43	12.23 0.78 33.32	12.90 0.84 40.97	12.15 1.16 47.00	25.58 1.23 40.02	21.92 0.72 42.75	31.82 0.14 25.70	45.29 0.06 1.45	46.24 0.37 0.05
SOUTH_FORK_WT_PWR 323839	41.60 2.57 -0.50	30.89 1.94 4.03	34.17 1.49 0.10	35.91 1.45 0.00	32.49 1.44 0.57	36.51 1.92 3.76	46.67 -0.10 1.40	45.81 -1.66 6.85	45.71 -2.11 14.63	45.74 -2.13 25.06	42.81 -1.38 36.89	42.70 -1.64 44.41	40.00 -1.47 40.71	11.20 -1.44 69.83	11.18 -0.94 42.93	11.16 -0.41 32.43	11.46 0.02 33.32	12.00 -0.06 40.97	11.16 0.18 47.00	24.50 0.15 40.02	20.86 -0.34 42.75	30.88 -0.80 25.70	44.51 -0.72 1.45	45.47 -0.40 0.05
SPIERFLS_115KV_TB 1 80737	38.49 0.87 0.90	33.73 0.86 0.10	33.60 0.82 0.00	35.33 0.87 0.00	32.40 0.79 0.00	39.39 1.04 0.00	48.30 1.37 1.25	54.57 1.47 1.22	63.56 1.53 0.41	72.84 1.74 1.84	81.18 1.75 1.64	89.25 2.06 1.56	81.35 1.73 2.56	82.51 1.79 1.76	54.79 1.15 1.42	45.05 1.10 0.05	45.51 1.30 0.56	54.35 1.47 0.15	59.65 1.66 0.00	65.98 1.60 0.00	63.24 1.44 2.15	58.44 1.72 0.65	47.95 1.27 0.00	47.07 1.15 0.00
ST LAWRENCE____ 23600	38.72 0.20 0.00	33.21 0.24 0.00	33.02 0.24 0.00	34.71 0.24 0.00	31.80 0.19 0.00	38.62 0.27 0.00	48.67 0.49 0.00	54.90 0.58 0.00	63.13 0.68 0.00	73.70 0.77 0.00	81.99 0.92 0.00	89.51 0.75 0.00	77.19 0.97 5.96	83.33 0.86 0.00	55.53 0.46 0.00	44.28 0.28 0.00	44.93 0.16 0.00	53.31 0.28 0.00	58.39 0.40 0.00	64.81 0.43 0.00	64.45 0.49 0.00	57.88 0.50 0.00	47.17 0.49 0.00	46.27 0.36 0.00

STATE_CA_115KV_115_LB 55624	37.44 -0.30 0.79	32.64 -0.24 0.09	32.53 -0.25 0.00	34.20 -0.27 0.00	31.41 -0.20 0.00	38.06 -0.29 0.00	46.70 -0.40 1.08	52.77 -0.50 1.04	61.52 -0.57 0.36	70.63 -0.73 1.58	78.77 -0.89 1.41	86.53 -0.89 1.34	79.06 -0.93 2.20	80.13 -0.83 1.51	53.35 -0.49 1.22	43.71 -0.25 0.04	44.14 -0.15 0.48	52.54 -0.36 0.13	57.66 -0.33 0.00	63.90 -0.48 0.00	61.55 -0.56 1.85	56.28 -0.54 0.56	46.23 -0.45 0.00	45.60 -0.32 0.00
STATE_ST_34_KV_LOAD 55959	41.83 0.57 -2.73	34.69 0.31 -1.40	34.58 0.32 -1.48	36.73 0.37 -1.89	33.49 0.45 -1.42	42.48 0.70 -3.43	54.94 0.88 -5.88	64.37 1.13 -8.92	75.53 1.24 -11.84	88.48 1.14 -14.40	97.00 1.40 -14.53	102.12 1.43 -11.93	94.33 1.18 -10.97	93.82 1.42 -9.93	63.01 1.03 -6.92	48.39 0.69 -3.70	49.46 0.72 -3.97	59.61 0.77 -5.81	64.63 0.74 -5.90	73.23 1.17 -7.68	72.72 1.11 -7.66	64.79 0.83 -6.59	51.35 0.65 -4.03	50.69 0.69 -4.08
STATION_5_MISC_HYD 23604	40.38 0.84 -1.02	34.10 0.61 -0.52	33.94 0.60 -0.55	35.82 0.64 -0.71	32.71 0.57 -0.53	40.62 0.99 -1.28	51.48 1.11 -2.19	59.10 1.45 -3.33	68.62 1.76 -4.42	80.41 2.10 -5.37	89.01 2.52 -5.42	95.85 2.67 -4.43	87.86 2.01 -3.66	88.09 1.93 -3.69	58.89 1.25 -2.58	46.14 0.76 -1.38	46.90 0.65 -1.48	56.15 0.95 -2.16	60.90 0.71 -2.20	68.07 0.83 -2.87	67.90 1.09 -2.86	60.99 1.16 -2.46	49.12 0.94 -1.50	48.32 0.88 -1.52
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	43.24 2.38 -2.33	36.17 2.00 -1.20	36.08 2.04 -1.26	38.23 2.14 -1.61	34.79 1.96 -1.22	43.84 2.57 -2.92	56.37 3.17 -5.01	66.10 4.16 -7.62	77.21 4.65 -10.11	90.26 5.04 -12.29	98.25 4.81 -12.37	104.27 5.40 -10.11	95.28 4.72 -8.37	95.99 5.09 -8.44	64.74 3.77 -5.91	49.72 2.56 -3.16	50.81 2.65 -3.39	61.50 3.51 -4.96	66.83 3.81 -5.04	75.56 4.62 -6.56	74.84 4.34 -6.54	66.86 3.86 -5.62	52.95 2.84 -3.44	51.94 2.53 -3.49
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.09 0.53 -1.03	33.85 0.35 -0.53	33.69 0.35 -0.56	35.55 0.37 -0.71	32.47 0.33 -0.54	40.33 0.68 -1.29	51.14 0.75 -2.22	58.68 0.99 -3.38	68.14 1.21 -4.48	79.86 1.47 -5.45	88.48 1.91 -5.50	95.32 2.08 -4.49	87.39 1.49 -3.72	87.62 1.41 -3.74	58.58 0.90 -2.62	45.91 0.51 -1.40	46.66 0.39 -1.50	55.84 0.61 -2.20	60.59 0.37 -2.23	67.75 0.47 -2.91	67.55 0.70 -2.90	60.65 0.78 -2.49	48.81 0.61 -1.52	48.01 0.54 -1.55
STA_56___34_KV_BUS2 355983	40.09 0.53 -1.03	33.85 0.35 -0.53	33.69 0.35 -0.56	35.55 0.37 -0.71	32.47 0.33 -0.54	40.33 0.68 -1.29	51.14 0.75 -2.22	58.68 0.99 -3.38	68.14 1.21 -4.48	79.86 1.47 -5.45	88.48 1.91 -5.50	95.32 2.08 -4.49	87.39 1.49 -3.72	87.62 1.41 -3.74	58.58 0.90 -2.62	45.91 0.51 -1.40	46.66 0.39 -1.50	55.84 0.61 -2.20	60.59 0.37 -2.23	67.75 0.47 -2.91	67.55 0.70 -2.90	60.65 0.78 -2.49	48.81 0.61 -1.52	48.01 0.54 -1.55
STA_67___115KV_BK2 355882	40.28 0.75 -1.01	34.02 0.53 -0.52	33.87 0.53 -0.55	35.74 0.57 -0.70	32.64 0.50 -0.53	40.53 0.90 -1.27	51.35 0.99 -2.18	58.88 1.25 -3.32	68.36 1.50 -4.41	80.08 1.79 -5.36	88.71 2.24 -5.41	95.60 2.44 -4.41	87.61 1.78 -3.65	87.87 1.72 -3.68	58.73 1.09 -2.57	46.02 0.65 -1.38	46.77 0.52 -1.48	55.98 0.79 -2.16	60.72 0.54 -2.19	67.90 0.66 -2.86	67.72 0.91 -2.85	60.84 1.01 -2.45	49.00 0.82 -1.50	48.21 0.78 -1.52
STA_7___115KV_9TRANS 80674	40.57 1.03 -1.02	34.25 0.76 -0.52	34.08 0.75 -0.55	35.97 0.80 -0.71	32.85 0.71 -0.53	40.79 1.17 -1.28	51.71 1.34 -2.19	59.30 1.66 -3.33	68.85 1.99 -4.42	80.66 2.35 -5.37	89.35 2.86 -5.42	96.26 3.08 -4.43	88.23 2.38 -3.66	88.47 2.31 -3.69	59.16 1.51 -2.58	46.38 1.00 -1.38	47.17 0.92 -1.48	56.47 1.27 -2.17	61.25 1.06 -2.20	68.46 1.22 -2.87	68.25 1.44 -2.86	61.29 1.46 -2.46	49.36 1.18 -1.50	48.55 1.11 -1.52
STA_82___115KV_TB1 80780	40.32 0.76 -1.03	34.04 0.54 -0.53	33.89 0.55 -0.56	35.77 0.59 -0.71	32.67 0.52 -0.54	40.57 0.92 -1.29	51.41 1.01 -2.22	58.97 1.28 -3.37	68.45 1.53 -4.48	80.22 1.84 -5.44	88.87 2.32 -5.49	95.74 2.51 -4.48	87.73 1.84 -3.71	87.97 1.76 -3.74	58.81 1.13 -2.62	46.07 0.67 -1.40	46.82 0.55 -1.50	56.03 0.81 -2.19	60.79 0.57 -2.23	67.99 0.71 -2.90	67.81 0.96 -2.90	60.92 1.06 -2.49	49.06 0.86 -1.52	48.26 0.80 -1.54
STEEL___WIND 323596	40.79 1.12 -1.15	34.37 0.81 -0.59	34.27 0.87 -0.62	36.23 0.96 -0.79	33.00 0.79 -0.60	41.18 1.39 -1.44	51.69 1.04 -2.47	59.52 1.44 -3.76	69.22 1.78 -4.99	81.19 2.19 -6.07	89.86 2.67 -6.12	96.68 2.94 -4.99	88.20 1.89 -4.13	88.29 1.65 -4.16	58.93 0.95 -2.92	45.79 0.23 -1.56	46.32 -0.12 -1.67	55.50 0.03 -2.45	59.86 -0.62 -2.49	67.02 -0.59 -3.24	67.23 0.05 -3.23	60.80 0.64 -2.78	49.23 0.85 -1.70	48.58 0.94 -1.72
STEPHTWN_115KV_BK_2 55603	37.45 -0.32 0.75	32.63 -0.25 0.09	32.52 -0.27 0.00	34.20 -0.27 0.00	31.40 -0.21 0.00	38.10 -0.25 0.00	46.75 -0.39 1.04	52.83 -0.49 0.99	61.59 -0.52 0.34	70.76 -0.68 1.50	78.88 -0.85 1.34	86.65 -0.82 1.28	79.19 -0.89 2.10	80.28 -0.75 1.44	53.35 -0.55 1.16	43.73 -0.23 0.04	44.28 -0.04 0.46	52.68 -0.23 0.12	57.90 -0.09 0.00	64.16 -0.22 0.00	61.84 -0.36 1.76	56.44 -0.41 0.54	46.33 -0.35 0.00	45.71 -0.21 0.00
STEUBEN_REC_LFGE 323667	41.57 1.43 -1.61	34.92 1.12 -0.83	34.90 1.24 -0.87	36.77 1.18 -1.12	33.25 0.80 -0.84	41.73 1.35 -2.02	53.06 1.40 -3.47	61.80 2.19 -5.29	72.01 2.54 -7.02	84.49 3.02 -8.53	91.93 2.27 -8.59	98.09 2.34 -7.00	89.59 1.62 -5.79	90.00 1.68 -5.84	59.94 0.78 -4.10	46.62 0.43 -2.20	47.44 0.32 -2.36	56.25 -0.23 -3.44	61.27 -0.21 -3.50	69.55 0.62 -4.56	69.17 0.67 -4.54	61.75 0.47 -3.90	49.63 0.56 -2.39	48.47 0.13 -2.42
STILLWATER___SOLAR 323814	38.50 0.98 1.00	33.75 0.90 0.12	33.65 0.86 0.00	35.39 0.92 0.00	32.46 0.85 0.00	39.45 1.09 0.00	48.19 1.40 1.39	54.45 1.49 1.36	63.56 1.57 0.46	72.68 1.79 2.05	81.14 1.91 1.83	89.20 2.19 1.75	81.13 1.82 2.87	82.42 1.92 1.97	54.76 1.29 1.59	45.10 1.16 0.05	45.47 1.32 0.62	54.32 1.46 0.17	59.69 1.70 0.00	66.05 1.67 0.00	63.05 1.50 2.40	58.16 1.51 0.73	47.88 1.19 0.00	47.08 1.17 0.00
STONY___BROOK 24151	40.60 1.56 -0.52	30.16 1.08 3.90	33.42 0.73 0.09	35.09 0.63 0.00	31.82 0.76 0.55	36.05 1.33 3.63	47.07 0.21 1.31	47.30 -0.23 6.78	47.63 -0.29 14.52	47.98 -0.05 24.90	44.71 0.35 36.71	45.39 0.84 44.20	42.52 0.85 40.51	13.77 0.79 69.50	12.93 0.54 42.67	12.60 0.78 32.18	12.93 1.17 33.01	13.87 1.33 40.49	12.83 1.63 46.78	26.45 1.78 39.71	22.83 1.41 42.53	32.71 0.90 25.57	45.98 0.74 1.45	47.00 1.14 0.05
STURGEON_POOL_HYD 23609	40.11 1.09 -0.49	33.85 0.81 -0.06	33.48 0.69 0.00	35.16 0.69 0.00	32.32 0.71 0.00	39.18 0.83 0.00	49.74 0.81 -0.75	56.16 0.92 -0.92	63.74 0.97 -0.31	75.62 1.29 -1.39	83.75 1.44 -1.24	91.81 1.87 -1.18	85.94 1.81 -1.95	85.69 1.86 -1.35	57.52 1.38 -1.09	45.38 1.35 -0.04	46.85 1.66 -0.42	55.09 1.94 -0.11	60.10 2.11 0.00	66.75 2.37 0.00	67.68 2.08 -1.64	59.41 1.54 -0.50	47.80 1.12 0.00	47.09 1.17 0.00

ST_LAW_115_BK7_LBMP 345037	38.73 0.21 0.00	33.23 0.25 0.00	33.04 0.25 0.00	34.73 0.26 0.00	31.82 0.21 0.00	38.65 0.30 0.00	48.70 0.53 0.00	54.95 0.63 0.00	63.18 0.73 0.00	73.75 0.82 0.00	82.04 0.97 0.00	89.48 0.72 0.00	75.07 1.03 8.15	83.39 0.91 0.00	55.55 0.48 0.00	44.29 0.29 0.00	44.93 0.15 0.00	53.31 0.28 0.00	58.39 0.40 0.00	64.81 0.43 0.00	64.46 0.50 0.00	57.89 0.51 0.00	47.19 0.51 0.00	46.29 0.37 0.00
ST_LAW_115_BK8_LBMP 345038	38.73 0.21 0.00	33.23 0.25 0.00	33.04 0.25 0.00	34.73 0.26 0.00	31.82 0.21 0.00	38.65 0.30 0.00	48.70 0.53 0.00	54.95 0.63 0.00	63.18 0.73 0.00	73.75 0.82 0.00	82.04 0.97 0.00	89.48 0.72 0.00	75.07 1.03 8.15	83.39 0.91 0.00	55.55 0.48 0.00	44.29 0.29 0.00	44.93 0.15 0.00	53.31 0.28 0.00	58.39 0.40 0.00	64.81 0.43 0.00	64.46 0.50 0.00	57.89 0.51 0.00	47.19 0.51 0.00	46.29 0.37 0.00
ST_LAW_230_BK5_LBMP 345035	38.72 0.20 0.00	33.21 0.24 0.00	33.02 0.24 0.00	34.71 0.24 0.00	31.80 0.19 0.00	38.62 0.27 0.00	48.67 0.49 0.00	54.90 0.58 0.00	63.13 0.68 0.00	73.70 0.77 0.00	81.99 0.92 0.00	89.51 0.75 0.00	78.38 0.97 4.77	83.33 0.86 0.00	55.53 0.46 0.00	44.28 0.28 0.00	44.93 0.16 0.00	53.31 0.28 0.00	58.39 0.40 0.00	64.81 0.43 0.00	64.45 0.49 0.00	57.88 0.50 0.00	47.17 0.49 0.00	46.27 0.36 0.00
ST_LAW_230_BK6_LBMP 345036	38.72 0.20 0.00	33.21 0.24 0.00	33.02 0.24 0.00	34.71 0.24 0.00	31.80 0.19 0.00	38.62 0.27 0.00	48.67 0.49 0.00	54.90 0.58 0.00	63.13 0.68 0.00	73.70 0.77 0.00	81.99 0.92 0.00	89.51 0.75 0.00	78.38 0.97 4.77	83.33 0.86 0.00	55.53 0.46 0.00	44.28 0.28 0.00	44.93 0.16 0.00	53.31 0.28 0.00	58.39 0.40 0.00	64.81 0.43 0.00	64.45 0.49 0.00	57.88 0.50 0.00	47.17 0.49 0.00	46.27 0.36 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.30 0.96 -0.81	33.74 0.67 -0.09	33.30 0.52 0.00	34.98 0.51 0.00	32.18 0.56 0.00	39.06 0.71 0.00	49.94 0.63 -1.13	56.34 0.67 -1.35	63.58 0.67 -0.46	75.84 0.87 -2.04	83.86 0.97 -1.82	91.83 1.34 -1.73	86.33 1.31 -2.84	85.70 1.27 -1.96	57.61 0.98 -1.58	45.08 1.03 -0.05	46.76 1.37 -0.62	54.85 1.66 -0.16	59.88 1.89 0.00	66.45 2.08 0.00	68.07 1.73 -2.38	59.32 1.21 -0.72	47.59 0.91 0.00	46.98 1.07 0.00
SWANROAD_115KV_TB1 355699	40.11 0.47 -1.11	33.83 0.29 -0.57	33.71 0.33 -0.60	35.63 0.39 -0.77	32.50 0.31 -0.58	40.61 0.86 -1.39	50.45 -0.11 -2.38	57.82 -0.13 -3.63	67.13 -0.13 -4.82	78.66 -0.14 -5.86	87.36 0.38 -5.91	93.88 0.31 -4.82	85.52 -0.64 -3.99	85.73 -0.76 -4.02	57.29 -0.59 -2.82	44.64 -0.86 -1.51	45.05 -1.33 -1.61	53.89 -1.51 -2.36	58.11 -2.28 -2.40	65.04 -2.46 -3.13	65.41 -1.66 -3.12	59.26 -0.79 -2.68	48.26 -0.06 -1.64	47.85 0.27 -1.66
SYNERGY___BIOGAS 323694	41.58 1.97 -1.08	35.08 1.55 -0.55	34.90 1.54 -0.58	36.85 1.64 -0.75	33.64 1.46 -0.56	41.97 2.27 -1.35	52.77 2.28 -2.32	60.66 2.81 -3.53	70.51 3.38 -4.69	82.62 3.99 -5.70	91.62 4.81 -5.75	98.53 5.08 -4.69	89.99 3.92 -3.88	90.13 3.74 -3.91	60.18 2.38 -2.74	46.92 1.46 -1.47	47.61 1.27 -1.57	57.01 1.68 -2.30	61.74 1.42 -2.33	69.21 1.79 -3.04	69.28 2.29 -3.03	62.42 2.44 -2.60	50.43 2.16 -1.59	49.67 2.14 -1.62
SYRACUSE___ENERGY_ST1 323597	41.49 -0.03 -2.99	34.40 -0.10 -1.54	34.30 -0.10 -1.62	36.46 -0.08 -2.07	33.12 -0.04 -1.56	42.14 0.04 -3.75	54.67 0.06 -6.43	64.23 0.17 -9.74	75.57 0.20 -12.92	88.87 0.22 -15.71	97.23 0.39 -15.78	102.03 0.33 -12.95	94.40 0.15 -12.06	93.50 0.23 -10.79	62.81 0.19 -7.55	48.15 0.11 -4.04	49.21 0.11 -4.33	59.54 0.18 -6.33	64.52 0.10 -6.43	72.95 0.19 -8.38	72.50 0.19 -8.35	64.67 0.12 -7.18	51.09 0.02 -4.39	50.38 0.01 -4.45
SYRACUSE___ENERGY_ST2 323598	41.49 -0.03 -2.99	34.40 -0.10 -1.54	34.30 -0.10 -1.62	36.46 -0.08 -2.07	33.12 -0.04 -1.56	42.14 0.04 -3.75	54.67 0.06 -6.43	64.23 0.17 -9.74	75.57 0.20 -12.92	88.87 0.22 -15.71	97.23 0.39 -15.78	102.03 0.33 -12.95	94.40 0.15 -12.06	93.50 0.23 -10.79	62.81 0.19 -7.55	48.15 0.11 -4.04	49.21 0.11 -4.33	59.54 0.18 -6.33	64.52 0.10 -6.43	72.95 0.19 -8.38	72.50 0.19 -8.35	64.67 0.12 -7.18	51.09 0.02 -4.39	50.38 0.01 -4.45
SYRACUSE___POWER 24017	40.82 0.04 -2.25	34.10 -0.03 -1.15	33.96 -0.03 -1.22	36.01 -0.02 -1.56	32.78 -0.01 -1.17	41.26 0.09 -2.82	53.19 0.17 -4.84	61.95 0.29 -7.34	72.55 0.36 -9.74	85.27 0.49 -11.84	93.82 0.99 -11.76	99.22 0.70 -9.75	92.27 0.47 -9.63	91.15 0.55 -8.13	61.15 0.40 -5.69	47.33 0.28 -3.05	48.31 0.27 -3.27	58.22 0.36 -4.82	63.18 0.30 -4.90	71.17 0.41 -6.38	70.70 0.38 -6.36	63.15 0.30 -5.47	50.17 0.15 -3.34	49.41 0.10 -3.39
TALLMAN_138KV_BK151 55660	40.61 1.21 -0.87	33.92 0.85 -0.10	33.42 0.64 0.00	35.11 0.64 0.00	32.32 0.71 0.00	39.27 0.91 0.00	50.21 0.84 -1.20	56.57 0.85 -1.41	63.79 0.86 -0.48	76.14 1.07 -2.12	84.24 1.27 -1.90	92.26 1.70 -1.81	86.79 1.64 -2.96	86.12 1.60 -2.04	57.90 1.19 -1.64	45.28 1.23 -0.05	47.04 1.62 -0.64	55.19 1.99 -0.17	60.24 2.25 0.00	66.86 2.49 0.00	68.51 2.06 -2.49	59.58 1.44 -0.76	47.79 1.11 0.00	47.21 1.29 0.00
TEALLAVE_115KV_TB7 355573	40.34 -0.20 -2.01	33.76 -0.24 -1.03	33.64 -0.23 -1.09	35.63 -0.23 -1.39	32.46 -0.20 -1.05	40.72 -0.15 -2.52	52.33 -0.17 -4.32	60.78 -0.10 -6.56	71.07 -0.08 -8.70	83.50 -0.01 -10.58	91.95 0.38 -10.50	97.55 0.08 -8.72	90.95 -0.11 -8.87	89.69 -0.05 -7.27	60.15 0.01 -5.09	46.67 -0.05 -2.72	47.64 -0.05 -2.92	57.33 -0.03 -4.33	62.22 -0.17 -4.41	69.99 -0.13 -5.74	69.56 -0.12 -5.72	62.16 -0.13 -4.92	49.49 -0.19 -3.00	48.75 -0.21 -3.05
TELGRAPH_34_KV_EAST 80808	40.85 1.24 -1.09	34.48 0.94 -0.56	34.32 0.95 -0.59	36.24 1.02 -0.75	33.07 0.90 -0.57	41.27 1.56 -1.36	51.72 1.20 -2.34	59.34 1.46 -3.56	68.91 1.73 -4.73	80.78 2.09 -5.75	89.64 2.77 -5.80	96.42 2.93 -4.73	87.96 1.86 -3.92	88.16 1.74 -3.95	58.88 1.06 -2.76	45.98 0.51 -1.48	46.52 0.17 -1.59	55.74 0.38 -2.32	60.20 -0.14 -2.36	67.41 -0.03 -3.07	67.61 0.59 -3.06	61.06 1.05 -2.63	49.43 1.14 -1.61	48.78 1.24 -1.63
TEMPLE___115KV_TB 2 55572	40.36 -0.18 -2.02	33.79 -0.22 -1.03	33.66 -0.21 -1.09	35.65 -0.21 -1.40	32.48 -0.18 -1.05	40.75 -0.13 -2.53	52.37 -0.15 -4.34	60.84 -0.06 -6.58	71.12 -0.06 -8.73	83.58 0.03 -10.61	92.05 0.47 -10.51	97.63 0.13 -8.74	90.98 -0.05 -8.86	89.77 0.01 -7.29	60.20 0.04 -5.10	46.70 -0.02 -2.73	47.67 -0.02 -2.93	57.38 0.00 -4.35	62.27 -0.13 -4.41	70.05 -0.08 -5.75	69.60 -0.09 -5.74	62.21 -0.10 -4.93	49.53 -0.17 -3.01	48.79 -0.19 -3.06
TIANA___69_KV_BK 1 55817	40.64 1.60 -0.50	30.07 1.13 4.03	33.45 0.77 0.10	35.13 0.66 0.00	31.85 0.81 0.57	35.91 1.31 3.75	46.83 0.05 1.40	47.03 -0.44 6.85	47.25 -0.57 14.63	47.51 -0.37 25.06	44.17 -0.01 36.89	44.70 0.35 44.41	41.88 0.41 40.71	13.14 0.49 69.83	12.53 0.40 42.93	12.24 0.67 32.43	12.51 1.06 33.32	13.27 1.21 40.97	12.47 1.48 47.00	25.99 1.63 40.02	22.38 1.18 42.75	32.30 0.61 25.70	45.66 0.43 1.45	46.62 0.75 0.05

TILDEN___115KV_TB1 80814	40.82 0.04 -2.25	34.10 -0.03 -1.15	33.96 -0.03 -1.22	36.01 -0.02 -1.56	32.78 -0.01 -1.17	41.26 0.09 -2.82	53.19 0.17 -4.84	61.95 0.29 -7.34	72.55 0.36 -9.74	85.27 0.49 -11.84	93.82 0.99 -11.76	99.22 0.70 -9.75	92.27 0.47 -9.63	91.15 0.55 -8.13	61.15 0.40 -5.69	47.33 0.28 -3.05	48.31 0.27 -3.27	58.22 0.36 -4.82	63.18 0.30 -4.90	71.17 0.41 -6.38	70.70 0.38 -6.36	63.15 0.30 -5.47	50.17 0.15 -3.34	49.41 0.10 -3.39
TRIGEN___CC 323695	43.16 1.60 -3.04	54.10 1.18 -19.94	34.12 0.86 -0.47	35.28 0.79 -0.02	35.21 0.92 -2.68	57.42 1.37 -17.69	62.83 0.65 -14.00	59.58 0.55 -4.71	66.19 0.42 -3.33	76.25 0.65 -2.66	77.43 0.99 4.63	84.45 1.46 5.77	79.43 1.43 4.18	73.38 1.42 10.52	61.39 1.10 -5.23	58.34 1.20 -13.15	69.80 1.56 -23.47	102.66 1.84 -47.79	52.48 2.06 7.57	83.53 2.32 -16.83	63.53 1.85 2.28	55.44 1.26 3.19	47.61 1.03 0.09	47.28 1.37 0.01
TRINITY__115KV__4 BK 55933	37.27 -0.49 0.76	32.49 -0.39 0.09	32.37 -0.41 0.00	34.04 -0.43 0.00	31.26 -0.35 0.00	37.87 -0.48 0.00	46.46 -0.67 1.05	52.49 -0.82 1.01	61.17 -0.93 0.34	70.26 -1.16 1.52	78.31 -1.40 1.36	86.01 -1.45 1.29	78.60 -1.47 2.12	79.65 -1.37 1.46	53.04 -0.85 1.17	43.43 -0.53 0.04	43.86 -0.45 0.46	52.18 -0.74 0.12	57.27 -0.72 0.00	63.46 -0.92 0.00	61.20 -0.98 1.78	55.96 -0.88 0.54	45.97 -0.71 0.00	45.37 -0.54 0.00
UNION___PROCESSING_DRP 323587	40.33 0.77 -1.03	34.06 0.56 -0.53	33.90 0.55 -0.56	35.79 0.60 -0.72	32.68 0.53 -0.54	40.58 0.93 -1.30	51.43 1.03 -2.23	59.02 1.31 -3.39	68.51 1.56 -4.50	80.27 1.87 -5.47	88.93 2.35 -5.52	95.80 2.54 -4.50	87.80 1.89 -3.73	88.03 1.80 -3.75	58.84 1.15 -2.63	46.09 0.68 -1.41	46.84 0.56 -1.51	56.07 0.84 -2.20	60.83 0.60 -2.24	68.02 0.73 -2.92	67.85 0.98 -2.91	60.94 1.06 -2.50	49.07 0.87 -1.53	48.29 0.82 -1.55
UPPER HUDSON___HYD 24058	38.50 0.87 0.90	33.72 0.86 0.10	33.60 0.82 0.00	35.34 0.87 0.00	32.40 0.79 0.00	39.39 1.04 1.25	48.30 1.37 1.22	54.56 1.46 1.22	63.55 1.52 0.41	72.81 1.71 1.84	81.17 1.75 1.64	89.24 2.05 1.56	81.35 1.73 2.56	82.50 1.80 1.76	54.79 1.15 1.42	45.05 1.10 0.05	45.51 1.30 0.56	54.35 1.47 0.15	59.65 1.66 0.00	65.97 1.59 0.00	63.24 1.44 2.15	58.44 1.72 0.65	47.95 1.26 0.00	47.07 1.16 0.00
UPPER RAQUET___HYD 24056	39.90 0.96 -0.41	34.09 0.90 -0.21	33.93 0.92 -0.23	35.75 1.00 -0.29	32.71 0.88 -0.22	39.90 1.02 -0.52	50.92 1.85 -0.89	57.89 2.21 -1.36	66.67 2.42 -1.80	77.92 2.79 -2.19	86.65 3.39 -2.19	93.83 3.27 -1.80	140.97 3.58 -55.20	87.24 3.26 -1.50	58.09 1.97 -1.05	45.95 1.39 -0.56	46.52 1.14 -0.61	55.26 1.17 -1.05	60.25 1.19 -1.07	67.20 1.43 -1.40	67.07 1.72 -1.39	60.44 1.87 -1.20	49.14 1.72 -0.73	48.13 1.48 -0.74
VALLEY44_115KV_TB2 355964	40.42 0.71 -1.18	34.06 0.48 -0.61	33.97 0.55 -0.64	35.91 0.63 -0.82	32.76 0.54 -0.62	40.92 1.08 -1.48	51.53 0.80 -2.55	59.25 1.05 -3.88	68.71 1.11 -5.15	80.67 1.47 -6.27	89.07 1.68 -6.32	95.86 1.96 -5.15	87.36 0.91 -4.26	87.42 0.64 -4.30	58.27 0.20 -3.01	45.44 -0.17 -1.61	46.02 -0.48 -1.73	55.32 -0.24 -2.53	59.85 -0.71 -2.56	67.08 -0.63 -3.34	67.22 -0.06 -3.33	60.65 0.41 -2.86	48.83 0.40 -1.75	48.06 0.36 -1.77
VALLEY___115KV_TB 1-4 80826	38.46 -0.07 0.00	32.73 -0.24 0.00	32.44 -0.34 0.00	34.12 -0.35 0.00	31.44 -0.17 0.00	38.22 -0.14 0.00	48.15 -0.03 0.00	54.41 0.09 0.00	62.58 0.14 0.00	72.97 0.03 0.00	81.11 0.04 0.00	88.95 0.20 0.00	83.66 0.19 -1.29	82.71 0.23 0.00	55.06 0.00 0.00	44.46 0.46 0.00	45.42 0.65 0.00	53.84 0.81 0.00	58.77 0.78 0.00	64.70 0.32 0.00	64.06 0.11 0.00	57.65 0.27 0.00	46.70 0.02 0.00	46.05 0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.35 1.06 -0.76	34.26 0.90 -0.39	34.12 0.92 -0.41	35.98 0.99 -0.53	32.93 0.92 -0.40	40.34 1.04 -0.95	51.03 1.22 -1.63	58.37 1.50 -2.55	67.54 1.70 -3.39	79.17 2.11 -4.12	87.62 2.40 -4.15	94.94 2.81 -3.37	87.52 2.54 -2.79	87.82 2.52 -2.82	58.83 1.78 -1.98	46.56 1.50 -1.06	47.53 1.62 -1.14	56.63 1.94 -1.66	61.74 2.06 -1.69	68.87 2.29 -2.20	68.36 2.22 -2.19	61.13 1.87 -1.89	49.21 1.38 -1.15	48.47 1.39 -1.17
VISCHER___FERRY HYD 24020	37.72 0.42 1.24	33.26 0.43 0.14	33.16 0.38 0.00	34.87 0.40 0.00	32.01 0.39 0.00	38.87 0.52 1.71	47.09 0.62 1.69	53.17 0.54 1.69	62.41 0.54 0.58	70.95 0.56 2.55	79.30 0.51 2.28	87.21 0.62 2.17	79.00 0.37 3.56	80.51 0.49 2.45	53.46 0.37 1.97	44.36 0.43 0.06	44.54 0.54 0.77	53.22 0.39 0.20	58.53 0.54 0.00	64.77 0.40 0.00	61.17 0.20 2.99	56.79 0.31 0.91	46.94 0.26 0.00	46.27 0.35 0.00
V_A_10_SYNC_DSASP 323832	40.17 0.60 -1.05	33.93 0.42 -0.54	33.81 0.46 -0.57	35.72 0.52 -0.72	32.57 0.42 -0.55	40.59 0.92 -1.31	51.00 0.56 -2.26	58.35 0.59 -3.44	67.68 0.66 -4.56	79.28 0.80 -5.55	88.00 1.34 -5.59	94.71 1.40 -4.56	86.42 0.46 -3.78	86.66 0.38 -3.81	57.90 0.17 -2.67	45.18 -0.24 -1.43	45.70 -0.60 -1.53	54.71 -0.55 -2.24	59.12 -1.13 -2.27	66.11 -1.23 -2.96	66.32 -0.58 -2.95	60.00 0.08 -2.54	48.56 0.33 -1.55	47.93 0.44 -1.57
V_CMM_10_SYNC_DSASP 323787	38.95 0.42 0.00	33.41 0.44 0.00	33.22 0.44 0.00	34.93 0.46 0.00	32.00 0.39 0.00	38.88 0.53 0.00	48.99 0.81 0.00	55.26 0.95 0.00	63.54 1.10 0.00	74.14 1.20 0.00	82.36 1.29 0.00	89.40 0.65 0.00	75.22 1.19 8.15	83.60 1.12 0.00	55.82 0.76 0.00	44.53 0.53 0.00	45.16 0.39 0.00	53.59 0.56 0.00	58.69 0.70 0.00	65.16 0.79 0.00	64.83 0.87 0.00	58.22 0.84 0.00	47.42 0.74 0.00	46.54 0.63 0.00
V_CMP_10_SYNC_DSASP 323788	39.47 0.94 0.00	33.87 0.89 0.00	33.67 0.89 0.00	35.60 1.13 0.00	32.25 0.64 0.00	39.11 0.75 0.00	49.34 1.16 0.00	55.55 1.23 0.00	63.28 0.83 0.00	74.22 1.28 0.00	83.38 2.31 0.00	91.57 2.82 0.00	89.53 3.23 -4.11	85.36 2.89 0.00	56.57 1.51 0.00	45.28 1.28 0.00	46.10 1.33 0.00	54.75 1.71 0.00	59.87 1.88 0.00	66.43 2.06 0.00	65.74 1.79 0.00	59.53 2.15 0.00	48.46 1.78 0.00	47.45 1.53 0.00
V_D_10_SYNC_DSASP 323841	39.17 0.64 0.00	33.60 0.63 0.00	33.42 0.64 0.00	35.14 0.67 0.00	32.21 0.60 0.00	39.10 0.75 0.00	49.44 1.26 0.00	55.79 1.47 0.00	64.08 1.63 0.00	74.83 1.89 0.00	83.35 2.28 0.00	90.86 2.10 0.00	162.83 2.49 -78.16	84.66 2.18 0.00	56.31 1.25 0.00	44.82 0.82 0.00	45.46 0.69 0.00	53.89 0.86 0.00	58.97 0.98 0.00	65.48 1.10 0.00	65.19 1.23 0.00	58.59 1.22 0.00	47.79 1.11 0.00	46.85 0.93 0.00
V_E_10_SYNC_DSASP 323830	42.10 2.07 -1.50	35.23 1.49 -0.77	34.90 1.30 -0.82	37.07 1.56 -1.04	33.73 1.34 -0.78	42.34 2.11 -1.89	54.35 2.93 -3.24	62.83 3.56 -4.95	73.00 3.97 -6.57	85.76 4.84 -7.99	94.65 5.56 -8.02	101.49 6.22 -6.52	93.18 5.61 -5.39	93.88 5.96 -5.45	63.33 4.43 -3.84	49.25 3.19 -2.06	49.93 2.96 -2.20	60.27 4.02 -3.22	65.48 4.22 -3.27	73.32 4.68 -4.27	72.77 4.56 -4.25	65.12 4.09 -3.66	52.07 3.16 -2.24	51.21 3.02 -2.27

V_F_30_NSYNC___DSASP 323816	38.61 1.04 0.96	33.79 0.93 0.11	33.69 0.90 0.00	35.45 0.98 0.00	32.51 0.89 0.00	39.50 1.14 0.00	48.32 1.46 1.32	54.60 1.57 1.30	63.69 1.68 0.44	72.89 1.91 1.96	81.38 2.05 1.75	89.43 2.34 1.66	81.43 1.98 2.73	82.67 2.07 1.88	54.94 1.39 1.51	45.19 1.24 0.05	45.58 1.40 0.59	54.45 1.57 0.16	59.81 1.83 0.00	66.18 1.81 0.00	63.31 1.64 2.29	58.30 1.62 0.70	47.96 1.28 0.00	47.16 1.25 0.00
V_F_30_SYNC_DSASP 323786	37.45 -0.30 0.78	32.64 -0.24 0.09	32.53 -0.25 0.00	34.20 -0.27 0.00	31.41 -0.20 0.00	38.06 -0.29 0.00	46.69 -0.41 1.08	52.77 -0.51 1.04	61.52 -0.57 0.35	70.64 -0.73 1.57	78.77 -0.90 1.40	86.52 -0.90 1.34	79.07 -0.93 2.19	80.14 -0.83 1.51	53.35 -0.49 1.22	43.70 -0.26 0.04	44.14 -0.15 0.48	52.54 -0.36 0.13	57.66 -0.33 0.00	63.89 -0.49 0.00	61.54 -0.58 1.84	56.28 -0.54 0.56	46.23 -0.45 0.00	45.59 -0.32 0.00
V_XM_10_SYNC_DSASP 323789	39.47 0.94 0.00	33.87 0.89 0.00	33.67 0.89 0.00	35.60 1.13 0.00	32.25 0.64 0.00	39.11 0.75 0.00	49.34 1.16 0.00	55.55 1.23 0.00	63.28 0.83 0.00	74.22 1.28 0.00	83.38 2.31 0.00	91.57 2.82 0.00	89.53 3.23 -4.11	85.36 2.89 0.00	56.57 1.51 0.00	45.28 1.28 0.00	46.10 1.33 0.00	54.75 1.71 0.00	59.87 1.88 0.00	66.43 2.06 0.00	65.74 1.79 0.00	59.53 2.15 0.00	48.46 1.78 0.00	47.45 1.53 0.00
W.BABYLN_69_KV_BK1 56697	41.48 2.02 -0.94	34.56 1.48 -0.11	33.96 1.17 0.00	35.55 1.08 0.00	32.81 1.19 0.00	40.15 1.79 0.00	50.39 0.92 -1.29	50.12 0.75 4.95	51.54 0.79 11.70	53.39 1.09 20.64	50.36 1.37 32.08	51.96 1.88 38.67	48.66 1.85 35.37	22.05 1.82 62.24	20.88 1.33 35.51	19.57 1.40 25.83	21.34 1.74 25.17	26.97 2.07 28.13	19.24 2.39 41.14	35.39 2.72 31.70	29.51 2.31 36.75	36.84 1.77 22.31	46.88 1.43 1.23	47.63 1.76 0.04
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.82 1.41 -0.88	34.09 1.02 -0.10	33.61 0.83 0.00	35.29 0.82 0.00	32.48 0.87 0.00	39.47 1.12 0.00	50.50 1.10 -1.22	56.94 1.19 -1.43	64.21 1.27 -0.49	76.67 1.59 -2.15	84.83 1.83 -1.92	92.85 2.27 -1.83	87.38 2.19 -3.01	86.69 2.15 -2.07	58.29 1.57 -1.67	45.58 1.52 -0.06	47.34 1.92 -0.65	55.54 2.34 -0.17	60.60 2.61 0.00	67.27 2.90 0.00	68.92 2.45 -2.52	59.95 1.81 -0.77	48.07 1.39 0.00	47.47 1.55 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	41.04 1.57 -0.94	34.26 1.17 -0.11	33.75 0.97 0.00	35.41 0.95 0.00	32.62 1.01 0.00	39.66 1.30 0.00	50.68 1.21 -1.29	57.17 1.37 -1.49	64.50 1.55 -0.51	77.15 1.96 -2.25	85.33 2.25 -2.01	93.46 2.80 -1.91	88.00 2.67 -3.14	87.29 2.65 -2.16	58.71 1.90 -1.74	45.87 1.81 -0.06	47.65 2.20 -0.68	55.85 2.64 -0.18	60.85 2.86 0.00	67.51 3.14 0.00	69.24 2.65 -2.64	60.13 1.95 -0.80	48.22 1.53 0.00	47.62 1.70 0.00
W50THST__13_KV_LOAD 356117	41.24 1.78 -0.94	34.44 1.36 -0.11	33.92 1.14 0.00	35.59 1.12 0.00	32.79 1.18 0.00	39.88 1.53 0.00	50.98 1.50 -1.29	57.56 1.75 -1.49	64.98 2.03 -0.51	77.73 2.55 -2.25	86.00 2.93 -2.01	94.24 3.56 -1.91	88.69 3.36 -3.14	88.01 3.37 -2.16	59.17 2.36 -1.74	46.23 2.18 -0.06	48.04 2.59 -0.68	56.31 3.10 -0.18	61.31 3.32 0.00	67.99 3.62 0.00	69.68 3.08 -2.64	60.49 2.31 -0.80	48.48 1.80 0.00	47.87 1.96 0.00
WADING RIVER_IC_1 23522	40.15 1.12 -0.50	29.66 0.72 4.04	33.03 0.35 0.10	34.69 0.22 0.00	31.44 0.39 0.57	35.46 0.87 3.77	46.35 -0.42 1.41	46.47 -1.00 6.85	46.63 -1.18 14.64	46.76 -1.11 25.07	43.31 -0.86 36.90	43.83 -0.50 44.43	41.06 -0.39 40.73	12.36 -0.26 69.85	11.99 -0.12 42.95	11.83 0.28 32.45	12.08 0.66 33.34	12.72 0.70 41.00	11.95 0.98 47.02	25.33 1.01 40.04	21.73 0.54 42.77	31.75 0.08 25.71	45.30 0.07 1.45	46.33 0.47 0.05
WADING RIVER_IC_2 23547	40.15 1.12 -0.50	29.66 0.72 4.04	33.03 0.35 0.10	34.69 0.22 0.00	31.44 0.39 0.57	35.46 0.87 3.77	46.35 -0.42 1.41	46.47 -1.00 6.85	46.63 -1.18 14.64	46.76 -1.11 25.07	43.31 -0.86 36.90	43.83 -0.50 44.43	41.06 -0.39 40.73	12.36 -0.26 69.85	11.99 -0.12 42.95	11.83 0.28 32.45	12.08 0.66 33.34	12.72 0.70 41.00	11.95 0.98 47.02	25.33 1.01 40.04	21.73 0.54 42.77	31.75 0.08 25.71	45.30 0.07 1.45	46.33 0.47 0.05
WADING RIVER_IC_3 23601	40.15 1.12 -0.50	29.66 0.72 4.04	33.03 0.35 0.10	34.69 0.22 0.00	31.44 0.39 0.57	35.46 0.87 3.77	46.35 -0.42 1.41	46.47 -1.00 6.85	46.63 -1.18 14.64	46.76 -1.11 25.07	43.31 -0.86 36.90	43.83 -0.50 44.43	41.06 -0.39 40.73	12.36 -0.26 69.85	11.99 -0.12 42.95	11.83 0.28 32.45	12.08 0.66 33.34	12.72 0.70 41.00	11.95 0.98 47.02	25.33 1.01 40.04	21.73 0.54 42.77	31.75 0.08 25.71	45.30 0.07 1.45	46.33 0.47 0.05
WALDENNY_12_KV_BK2 80841	40.85 1.18 -1.14	34.43 0.88 -0.59	34.32 0.92 -0.62	36.28 1.02 -0.79	33.04 0.84 -0.60	41.27 1.49 -1.43	51.77 1.13 -2.46	59.45 1.39 -3.75	69.08 1.66 -4.97	81.03 2.05 -6.05	89.87 2.70 -6.10	96.73 3.00 -4.97	88.21 1.91 -4.11	88.40 1.78 -4.15	59.00 1.04 -2.91	45.90 0.35 -1.55	46.42 -0.02 -1.67	55.59 0.12 -2.44	59.96 -0.50 -2.48	67.17 -0.43 -3.23	67.40 0.23 -3.22	60.91 0.76 -2.76	49.31 0.94 -1.69	48.69 1.06 -1.71
WALDEN__HYDRO 24148	40.42 1.13 -0.76	33.89 0.82 -0.09	33.46 0.68 0.00	35.14 0.68 0.00	32.33 0.71 0.00	39.24 0.88 0.00	50.18 0.87 -1.13	56.61 0.96 -1.33	63.93 1.03 -0.45	76.25 1.30 -2.01	84.31 1.45 -1.80	92.31 1.84 -1.71	86.77 1.77 -2.81	86.17 1.76 -1.94	57.92 1.29 -1.56	45.34 1.29 -0.05	47.01 1.63 -0.61	55.16 1.97 -0.16	60.21 2.22 0.00	66.84 2.47 0.00	68.42 2.10 -2.36	59.65 1.55 -0.72	47.86 1.18 0.00	47.21 1.29 0.00
WARRENSBURG____ 23737	38.49 0.87 0.90	33.73 0.86 0.10	33.60 0.82 0.00	35.33 0.87 0.00	32.40 0.79 0.00	39.39 1.04 0.00	48.30 1.37 1.25	54.57 1.47 1.22	63.56 1.53 0.41	72.84 1.74 1.84	81.18 1.75 1.64	89.25 2.06 1.56	81.35 1.73 2.56	82.51 1.79 1.76	54.79 1.15 1.42	45.05 1.10 0.05	45.51 1.30 0.56	54.35 1.47 0.15	59.65 1.66 0.00	65.98 1.60 0.00	63.24 1.44 2.15	58.44 1.72 0.65	47.95 1.27 0.00	47.07 1.15 0.00
WATERSIDE____6 8 9 23538	40.90 1.44 -0.94	34.15 1.07 -0.11	33.64 0.86 0.00	35.30 0.83 0.00	32.51 0.90 0.00	39.50 1.15 0.00	50.43 0.96 -1.29	56.89 1.08 -1.49	64.19 1.23 -0.51	76.71 1.52 -2.25	84.77 1.69 -2.01	92.86 2.19 -1.91	87.44 2.12 -3.14	86.75 2.11 -2.16	58.32 1.52 -1.74	45.57 1.51 -0.06	47.36 1.91 -0.68	55.50 2.29 -0.18	60.46 2.47 0.00	67.11 2.74 0.00	68.84 2.25 -2.64	59.77 1.58 -0.80	47.95 1.27 0.00	47.36 1.45 0.00
WATKINRD_115KV_LN8_ILLION 55919	38.60 0.07 0.00	33.02 0.05 0.00	32.83 0.04 0.00	34.51 0.03 0.00	31.64 0.03 0.00	38.38 0.03 0.00	48.24 0.06 0.00	54.42 0.10 0.00	62.56 0.11 0.00	73.06 0.12 0.00	81.14 0.07 0.00	88.97 0.21 0.00	83.60 0.13 -1.29	82.62 0.15 0.00	55.17 0.11 0.00	44.16 0.15 0.00	45.00 0.22 0.00	53.27 0.24 0.00	58.22 0.23 0.00	64.62 0.25 0.00	64.16 0.20 0.00	57.55 0.17 0.00	46.78 0.10 0.00	46.04 0.12 0.00

WDELAWARE___HYD 323627	39.41 0.28 -0.61	33.15 0.10 -0.07	32.76 -0.02 0.00	34.42 -0.05 0.00	31.64 0.02 0.00	38.40 0.05 0.00	48.99 -0.09 -0.90	55.37 -0.06 -1.12	62.69 -0.14 -0.38	74.54 -0.08 -1.68	82.53 -0.04 -1.50	90.43 0.24 -1.43	84.73 0.15 -2.40	87.47 3.31 -1.68	58.70 2.29 -1.35	46.24 2.20 -0.05	47.80 2.51 -0.53	56.23 3.05 -0.14	61.41 3.42 0.00	68.21 3.83 0.00	67.32 1.32 -2.05	59.21 1.21 -0.62	47.54 0.86 0.00	46.43 0.51 0.00
WEST BABYLON___IC 23714	41.48 2.02 -0.94	34.56 1.48 -0.11	33.96 1.17 0.00	35.55 1.08 0.00	32.81 1.19 0.00	40.15 1.79 0.00	50.39 0.92 -1.29	50.12 0.75 4.95	51.54 0.79 11.70	53.39 1.09 20.64	50.36 1.37 32.08	51.96 1.88 38.67	48.66 1.85 35.37	22.05 1.82 62.24	20.88 1.33 35.51	19.57 1.40 25.83	21.34 1.74 25.17	26.97 2.07 28.13	19.24 2.39 41.14	35.39 2.72 31.70	29.51 2.31 36.75	36.84 1.77 22.31	46.88 1.43 1.23	47.63 1.76 0.04
WEST CANADA___HYD 24049	38.49 -0.04 0.00	32.94 -0.03 0.00	32.75 -0.03 0.00	34.43 -0.03 0.00	31.58 -0.03 0.00	38.29 -0.07 0.00	48.11 -0.07 0.00	54.25 -0.07 0.00	62.35 -0.10 0.00	72.82 -0.11 0.00	80.91 -0.16 0.00	88.66 -0.09 0.00	83.33 -0.14 -1.29	82.37 -0.10 0.00	55.01 -0.06 0.00	44.02 0.02 0.00	44.84 0.07 0.00	53.07 0.04 0.00	58.02 0.03 0.00	64.38 0.00 0.00	63.96 0.00 0.00	57.34 -0.03 0.00	46.64 -0.04 0.00	45.91 0.00 0.00
WESTERN_NY_WIND 24143	41.56 1.95 -1.08	35.06 1.53 -0.55	34.89 1.52 -0.58	36.85 1.63 -0.75	33.63 1.45 -0.56	41.95 2.24 -1.36	52.76 2.25 -2.33	60.63 2.77 -3.54	70.49 3.34 -4.70	82.61 3.95 -5.72	91.58 4.75 -5.77	98.50 5.04 -4.70	89.92 3.85 -3.90	90.10 3.70 -3.92	60.14 2.33 -2.75	46.89 1.42 -1.47	47.57 1.23 -1.58	56.96 1.62 -2.31	61.69 1.36 -2.34	69.15 1.73 -3.05	69.23 2.23 -3.04	62.38 2.39 -2.61	50.42 2.15 -1.60	49.66 2.12 -1.62
WESTOVER___LESR 323668	40.26 0.24 -1.49	33.86 0.12 -0.76	33.79 0.20 -0.81	35.76 0.26 -1.03	32.59 0.20 -0.78	40.52 0.30 -1.87	51.57 0.18 -3.21	59.64 0.41 -4.91	69.43 0.47 -6.52	81.53 0.68 -7.92	89.69 0.63 -7.99	96.06 0.80 -6.50	88.16 0.60 -5.38	88.52 0.61 -5.43	59.29 0.41 -3.81	46.28 0.24 -2.04	47.27 0.32 -2.19	56.77 0.55 -3.20	61.47 0.24 -3.25	69.00 0.40 -4.23	68.66 0.49 -4.22	61.44 0.44 -3.63	49.15 0.25 -2.22	48.45 0.28 -2.25
WETHRSFD_WT_PWR 323626	40.56 0.74 -1.29	34.15 0.52 -0.66	34.12 0.64 -0.70	36.07 0.71 -0.89	32.81 0.53 -0.67	40.96 0.99 -1.61	51.57 0.62 -2.77	59.55 1.01 -4.22	69.29 1.24 -5.61	81.25 1.49 -6.82	89.55 1.61 -6.87	96.00 1.65 -5.60	87.77 0.95 -4.63	87.88 0.73 -4.67	58.56 0.22 -3.28	45.38 -0.37 -1.75	46.11 -0.54 -1.88	55.22 -0.56 -2.75	59.74 -1.04 -2.79	67.24 -0.77 -3.64	67.32 -0.27 -3.63	60.52 0.02 -3.12	48.85 0.26 -1.90	48.18 0.33 -1.93
WHAVSTOR_138KV_BK127 55557	40.58 1.16 -0.89	33.90 0.82 -0.10	33.41 0.63 0.00	35.08 0.61 0.00	32.29 0.68 0.00	39.23 0.87 0.00	50.17 0.77 -1.22	56.53 0.78 -1.43	63.72 0.79 -0.49	76.10 1.00 -2.16	84.18 1.18 -1.93	92.14 1.55 -1.84	86.73 1.53 -3.01	86.04 1.49 -2.07	57.85 1.12 -1.67	45.21 1.15 -0.06	46.98 1.55 -0.65	55.08 1.88 -0.17	60.11 2.12 0.00	66.71 2.34 0.00	68.42 1.93 -2.53	59.48 1.34 -0.77	47.72 1.04 0.00	47.15 1.24 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.58 1.16 -0.89	33.90 0.82 -0.10	33.41 0.63 0.00	35.08 0.61 0.00	32.29 0.68 0.00	39.23 0.87 0.00	50.17 0.77 -1.22	56.53 0.78 -1.43	63.72 0.79 -0.49	76.10 1.00 -2.16	84.18 1.18 -1.93	92.14 1.55 -1.84	86.73 1.53 -3.01	86.04 1.49 -2.07	57.85 1.12 -1.67	45.21 1.15 -0.06	46.98 1.55 -0.65	55.08 1.88 -0.17	60.11 2.12 0.00	66.71 2.34 0.00	68.42 1.93 -2.53	59.48 1.34 -0.77	47.72 1.04 0.00	47.15 1.24 0.00
WHITEHAL_115KV_TB1 80871	39.31 1.71 0.93	34.50 1.63 0.11	34.37 1.58 0.00	36.19 1.72 0.00	33.13 1.52 0.00	40.68 2.33 0.00	50.09 3.19 1.28	56.31 3.24 1.25	65.43 3.41 0.43	74.88 3.83 1.89	82.91 3.53 1.68	91.28 4.13 1.60	83.11 3.56 2.63	84.37 3.71 1.81	55.83 2.23 1.46	46.11 2.16 0.05	46.66 2.47 0.57	55.63 2.75 0.15	61.12 3.14 0.00	67.47 3.10 0.00	64.50 2.76 2.21	60.40 3.69 0.67	49.66 2.98 0.00	48.45 2.53 0.00
WHITEPLN_13_KV_LOAD 356215	41.13 1.67 -0.94	34.34 1.26 -0.11	33.85 1.07 0.00	35.53 1.06 0.00	32.70 1.09 0.00	39.75 1.40 0.00	50.92 1.45 -1.29	57.45 1.64 -1.49	64.81 1.85 -0.51	77.47 2.29 -2.25	85.70 2.62 -2.01	93.85 3.19 -1.91	88.34 3.02 -3.14	87.62 2.98 -2.16	58.92 2.12 -1.74	46.02 1.96 -0.06	47.80 2.35 -0.68	56.02 2.81 -0.18	61.09 3.10 0.00	67.78 3.40 0.00	69.54 2.96 -2.63	60.42 2.24 -0.80	48.43 1.75 0.00	47.79 1.88 0.00
WM_FLOYD_69_KV_BK2 356380	40.48 1.44 -0.51	30.00 0.99 3.96	33.33 0.65 0.09	34.99 0.53 0.00	31.74 0.69 0.56	35.86 1.21 3.70	46.86 0.04 1.36	47.18 -0.32 6.82	47.44 -0.42 14.58	47.71 -0.23 24.99	44.27 0.01 36.81	44.88 0.45 44.32	42.07 0.52 40.63	13.42 0.63 69.69	12.74 0.50 42.82	12.42 0.75 32.33	12.70 1.12 33.19	13.55 1.29 40.77	12.67 1.59 46.91	26.20 1.72 39.89	22.61 1.32 42.66	32.50 0.76 25.64	45.83 0.59 1.45	46.77 0.91 0.05
WOODARD___115KV_TB2 355635	40.69 -0.24 -2.40	33.93 -0.27 -1.23	33.82 -0.26 -1.30	35.87 -0.26 -1.67	32.63 -0.23 -1.25	41.17 -0.20 -3.02	53.12 -0.24 -5.18	62.00 -0.16 -7.84	72.68 -0.18 -10.41	85.44 -0.15 -12.66	93.80 0.08 -12.65	99.06 -0.12 -10.43	92.08 -0.29 -10.19	90.95 -0.22 -8.69	61.04 -0.11 -6.08	47.13 -0.13 -3.26	48.12 -0.14 -3.49	58.04 -0.13 -5.15	62.95 -0.27 -5.22	70.95 -0.23 -6.81	70.50 -0.24 -6.79	62.98 -0.23 -5.83	49.99 -0.26 -3.57	49.26 -0.27 -3.62
WOODMERE_69_KV_BK1 55827	47.50 2.11 -6.86	90.60 1.60 -56.02	35.31 1.24 -1.30	35.71 1.18 -0.06	40.22 1.28 -7.33	88.52 1.84 -48.32	85.43 1.25 -36.00	70.39 1.21 -14.86	81.11 1.20 -17.47	93.58 1.57 -19.07	85.47 1.97 -2.43	93.29 2.62 -1.91	87.87 2.47 -3.22	88.10 2.45 -3.18	86.41 1.79 -29.55	67.50 1.73 -21.77	76.21 2.13 -29.31	110.41 2.53 -54.85	60.84 2.85 0.00	91.56 3.23 -23.94	71.77 2.77 -5.05	61.64 2.03 -2.24	49.08 1.66 -0.73	47.86 1.94 0.00
YORK___WARBASSE 23770	41.04 1.57 -0.94	34.24 1.16 -0.11	33.70 0.92 0.00	35.38 0.91 0.00	32.57 0.96 0.00	39.62 1.27 0.00	50.65 1.17 -1.29	57.12 1.31 -1.49	64.26 1.30 -0.51	76.66 1.47 -2.25	84.69 1.61 -2.01	92.76 2.09 -1.91	87.37 2.05 -3.14	86.67 2.04 -2.16	58.28 1.47 -1.74	45.54 1.49 -0.06	47.37 1.92 -0.68	55.56 2.35 -0.18	60.53 2.54 0.00	67.28 2.90 0.00	69.02 2.43 -2.64	59.90 1.72 -0.80	48.03 1.35 0.00	47.46 1.55 0.00