

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/07/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	48.58	40.86	38.43	35.34	34.07	33.37	32.04	33.33	34.35	36.68	38.92	42.94	49.83	53.60	56.23	60.54	64.78	76.80	84.62	84.07	72.97	62.18	53.47	48.12
24138	3.57	2.99	2.60	2.29	2.16	2.30	2.23	2.41	2.87	3.09	3.54	4.18	5.02	5.27	5.49	5.50	6.10	7.20	7.20	6.73	5.22	4.01	3.73	3.61
	-4.86	-2.26	-2.10	-3.29	-4.28	-2.31	-2.61	-3.80	0.00	-0.01	-0.01	-0.06	-0.02	-2.49	-4.21	-6.84	-4.24	-1.68	0.00	-0.01	0.01	0.01	-0.01	-0.01
74TH STREET_GT_1	48.62	40.86	38.43	35.34	34.08	33.40	32.07	33.33	34.32	36.68	38.92	42.92	49.79	54.27	57.43	62.54	65.98	77.19	84.55	84.08	72.97	62.18	53.47	48.12
24260	3.61	2.99	2.60	2.29	2.16	2.33	2.26	2.41	2.83	3.09	3.54	4.14	4.97	5.18	5.40	5.40	5.99	7.06	7.12	6.73	5.22	4.01	3.73	3.61
	-4.86	-2.26	-2.10	-3.29	-4.28	-2.31	-2.61	-3.80	0.00	-0.02	-0.02	-0.08	-0.03	-3.25	-5.50	-8.93	-5.55	-2.20	0.00	-0.01	0.01	0.01	-0.01	-0.01
74TH STREET_GT_2	48.62	40.86	38.43	35.34	34.08	33.40	32.07	33.33	34.32	36.68	38.92	42.92	49.79	54.27	57.43	62.54	65.98	77.19	84.55	84.08	72.97	62.18	53.47	48.12
24261	3.61	2.99	2.60	2.29	2.16	2.33	2.26	2.41	2.83	3.09	3.54	4.14	4.97	5.18	5.40	5.40	5.99	7.06	7.12	6.73	5.22	4.01	3.73	3.61
	-4.86	-2.26	-2.10	-3.29	-4.28	-2.31	-2.61	-3.80	0.00	-0.02	-0.02	-0.08	-0.03	-3.25	-5.50	-8.93	-5.55	-2.20	0.00	-0.01	0.01	0.01	-0.01	-0.01
ADK HUDSON___FALLS	49.30	41.08	38.77	35.94	35.05	33.71	32.31	33.66	33.35	35.39	37.11	40.67	46.94	47.91	48.77	50.53	57.60	71.93	82.46	82.05	72.23	62.01	52.82	47.31
24011	2.97	2.60	2.36	1.99	1.96	2.01	1.80	1.71	1.86	1.81	1.73	1.97	2.15	2.06	2.23	2.31	3.16	4.01	5.03	4.72	4.47	3.84	3.08	2.80
	-6.19	-2.88	-2.68	-4.18	-5.44	-2.93	-3.31	-4.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	49.63	41.33	38.97	36.12	35.22	33.89	32.48	33.82	33.51	35.73	37.28	40.86	47.16	48.09	48.95	50.76	57.93	72.33	83.15	82.75	72.84	62.48	53.16	47.67
23798	3.29	2.85	2.56	2.17	2.13	2.19	1.96	1.87	2.02	2.15	1.91	2.17	2.37	2.25	2.42	2.55	3.49	4.41	5.73	5.41	5.08	4.30	3.43	3.16
	-6.19	-2.88	-2.68	-4.18	-5.44	-2.94	-3.31	-4.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	49.30	41.08	38.77	35.94	35.05	33.71	32.31	33.66	33.35	35.39	37.11	40.67	46.94	47.91	48.77	50.53	57.60	71.93	82.46	82.05	72.23	62.01	52.82	47.31
24028	2.97	2.60	2.36	1.99	1.96	2.01	1.80	1.71	1.86	1.81	1.73	1.97	2.15	2.06	2.23	2.31	3.16	4.01	5.03	4.72	4.47	3.84	3.08	2.80
	-6.19	-2.88	-2.68	-4.18	-5.44	-2.93	-3.31	-4.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	48.53	40.54	38.25	35.52	34.51	33.14	31.89	33.20	33.16	35.26	37.03	40.63	46.76	47.91	48.72	50.33	56.89	70.36	79.90	79.12	69.79	60.15	51.28	46.02
23527	2.37	2.14	1.92	1.70	1.57	1.52	1.47	1.38	1.67	1.68	1.66	1.93	1.97	2.06	2.19	2.12	2.45	2.44	2.48	1.78	2.03	1.98	1.54	1.51
	-6.02	-2.80	-2.60	-4.07	-5.29	-2.85	-3.22	-4.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	47.05	39.24	37.26	34.64	33.71	32.41	31.17	32.52	32.12	34.08	36.01	39.47	45.64	46.76	47.46	48.98	55.31	68.60	77.96	77.57	68.03	58.46	49.98	45.04
24190	0.92	0.85	0.94	0.83	0.80	0.81	0.76	0.73	0.63	0.50	0.64	0.77	0.85	0.92	0.93	0.77	0.87	0.68	0.54	0.23	0.27	0.29	0.25	0.53
	-5.98	-2.78	-2.59	-4.04	-5.26	-2.84	-3.20	-4.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	39.74	35.32	33.39	29.52	27.34	28.48	26.93	26.85	31.14	33.28	35.02	38.43	44.39	45.43	46.07	47.83	53.57	67.24	76.80	76.95	67.48	57.94	49.88	44.51
355683	-0.40	-0.28	-0.34	-0.24	-0.30	-0.29	-0.27	-0.27	-0.35	-0.30	-0.35	-0.27	-0.40	-0.41	-0.47	-0.39	-0.87	-0.68	-0.62	-0.39	-0.27	-0.23	0.15	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	47.60	39.73	37.63	34.90	33.96	32.71	31.39	32.61	32.34	34.42	36.19	39.67	45.86	46.94	47.74	49.37	55.80	69.48	79.36	79.19	69.51	59.74	51.02	45.89
323833	1.56	1.39	1.35	1.16	1.13	1.15	1.03	0.89	0.85	0.84	0.81	0.97	1.07	1.10	1.21	1.16	1.36	1.56	1.94	1.85	1.76	1.57	1.29	1.38
	-5.89	-2.74	-2.55	-3.98	-5.18	-2.79	-3.15	-4.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	47.60	39.73	37.63	34.90	33.96	32.68	31.36	32.61	32.34	34.42	36.19	39.63	45.82	46.94	47.74	49.37	55.80	69.41	79.36	79.19	69.51	59.68	51.02	45.89
323834	1.56	1.39	1.35	1.16	1.13	1.12	1.01	0.89	0.85	0.84	0.81	0.93	1.03	1.10	1.21	1.16	1.36	1.49	1.94	1.85	1.76	1.51	1.29	1.38
	-5.89	-2.74	-2.55	-3.98	-5.18	-2.79	-3.15	-4.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	47.05	39.24	37.26	34.64	33.71	32.41	31.17	32.52	32.12	34.08	36.01	39.47	45.64	46.76	47.46	48.98	55.31	68.60	77.96	77.57	68.03	58.46	49.98	45.04
23571	0.92	0.85	0.94	0.83	0.80	0.81	0.76	0.73	0.63	0.50	0.64	0.77	0.85	0.92	0.93	0.77	0.87	0.68	0.54	0.23	0.27	0.29	0.25	0.53
	-5.98	-2.78	-2.59	-4.04	-5.26	-2.84	-3.20	-4.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	47.05 0.92 -5.98	39.24 0.85 -2.78	37.26 0.94 -2.59	34.64 0.83 -4.04	33.71 0.80 -5.26	32.41 0.81 -2.84	31.17 0.76 -3.20	32.52 0.73 -4.67	32.12 0.63 0.00	34.08 0.50 0.00	36.01 0.64 0.00	39.47 0.77 0.00	45.64 0.85 0.00	46.76 0.92 0.00	47.46 0.93 0.00	48.98 0.77 0.00	55.31 0.87 0.00	68.60 0.68 0.00	77.96 0.54 0.00	77.57 0.23 0.00	68.03 0.27 0.00	58.46 0.29 0.00	49.98 0.25 0.00	45.04 0.53 0.00
ALBANY___3 23573	47.05 0.92 -5.98	39.24 0.85 -2.78	37.26 0.94 -2.59	34.64 0.83 -4.04	33.71 0.80 -5.26	32.41 0.81 -2.84	31.17 0.76 -3.20	32.52 0.73 -4.67	32.12 0.63 0.00	34.08 0.50 0.00	36.01 0.64 0.00	39.47 0.77 0.00	45.64 0.85 0.00	46.76 0.92 0.00	47.46 0.93 0.00	48.98 0.77 0.00	55.31 0.87 0.00	68.60 0.68 0.00	77.96 0.54 0.00	77.57 0.23 0.00	68.03 0.27 0.00	58.46 0.29 0.00	49.98 0.25 0.00	45.04 0.53 0.00
ALBANY___4 23574	47.05 0.92 -5.98	39.24 0.85 -2.78	37.26 0.94 -2.59	34.64 0.83 -4.04	33.71 0.80 -5.26	32.41 0.81 -2.84	31.17 0.76 -3.20	32.52 0.73 -4.67	32.12 0.63 0.00	34.08 0.50 0.00	36.01 0.64 0.00	39.47 0.77 0.00	45.64 0.85 0.00	46.76 0.92 0.00	47.46 0.93 0.00	48.98 0.77 0.00	55.31 0.87 0.00	68.60 0.68 0.00	77.96 0.54 0.00	77.57 0.23 0.00	68.03 0.27 0.00	58.46 0.29 0.00	49.98 0.25 0.00	45.04 0.53 0.00
ALBANY___LFGE 323615	47.56 1.37 -6.05	39.63 1.21 -2.81	37.59 1.25 -2.62	34.92 1.07 -4.09	33.99 1.02 -5.32	32.67 1.03 -2.87	31.42 0.98 -3.24	32.76 0.92 -4.72	32.40 0.91 0.00	34.52 0.94 0.00	36.33 0.96 0.00	39.86 1.16 0.00	46.04 1.25 0.00	47.17 1.33 0.00	47.93 1.39 0.00	49.46 1.25 0.00	55.85 1.41 0.00	69.35 1.43 0.00	78.89 1.47 0.00	78.42 1.08 0.00	68.84 1.08 0.00	59.16 0.99 0.00	50.53 0.79 0.00	45.49 0.98 0.00
ALCOA_PA_115KV_PL-6C 55860	39.87 -0.28 0.00	35.43 -0.18 0.00	33.49 -0.23 0.00	29.61 -0.15 0.00	27.42 -0.22 0.00	28.60 -0.17 0.00	27.01 -0.19 0.00	26.93 -0.19 0.00	31.24 -0.25 0.00	33.35 -0.23 0.00	35.13 -0.25 0.00	38.39 -0.31 0.00	44.48 -0.31 0.00	45.48 -0.37 0.00	46.11 -0.42 0.00	47.92 -0.29 0.00	53.95 -0.49 0.00	67.72 -0.20 0.00	77.50 0.08 0.00	77.65 0.31 0.00	68.10 0.34 0.00	58.46 0.29 0.00	50.13 0.40 0.00	44.69 0.18 0.00
ALCOA_RYNLDS___DRP 24188	39.86 -0.28 0.00	35.43 -0.18 0.00	33.49 -0.24 0.00	29.61 -0.15 0.00	27.42 -0.22 0.00	28.59 -0.17 0.00	27.01 -0.19 0.00	26.93 -0.19 0.00	31.24 -0.25 0.00	33.38 -0.20 0.00	35.12 -0.25 0.00	38.51 -0.19 0.00	44.48 -0.31 0.00	45.48 -0.37 0.00	46.11 -0.42 0.00	47.92 -0.29 0.00	53.95 -0.49 0.00	67.72 -0.20 0.00	77.50 0.08 0.00	77.65 0.31 0.00	68.09 0.34 0.00	58.46 0.29 0.00	50.13 0.40 0.00	44.69 0.18 0.00
ALCOA___DSASP 323711	39.86 -0.28 0.00	35.43 -0.18 0.00	33.49 -0.24 0.00	29.61 -0.15 0.00	27.42 -0.22 0.00	28.59 -0.17 0.00	27.01 -0.19 0.00	26.93 -0.19 0.00	31.24 -0.25 0.00	33.38 -0.20 0.00	35.12 -0.25 0.00	38.51 -0.19 0.00	44.48 -0.31 0.00	45.48 -0.37 0.00	46.11 -0.42 0.00	47.92 -0.29 0.00	53.95 -0.49 0.00	67.72 -0.20 0.00	77.50 0.08 0.00	77.65 0.31 0.00	68.09 0.34 0.00	58.46 0.29 0.00	50.13 0.40 0.00	44.69 0.18 0.00
ALLEGHENY___COGEN 23514	42.75 -1.48 -4.09	36.21 -1.39 -1.99	32.94 -1.11 -0.33	29.26 -1.01 -0.51	27.64 -0.66 -0.66	28.35 -0.78 -0.36	26.79 -0.84 -0.43	29.06 -1.25 -3.19	29.93 -1.60 -0.04	31.53 -2.05 0.00	33.16 -2.37 -0.16	50.35 -2.98 -14.63	63.17 -3.41 -21.78	58.14 -3.34 -15.64	54.43 -3.35 -11.25	52.14 -3.18 -7.11	60.59 -2.89 -9.04	82.87 -2.79 -17.74	104.75 -1.55 -28.88	85.91 -0.08 -8.65	72.07 0.54 -3.77	58.74 0.35 -0.22	48.00 -0.35 1.38	43.27 -0.36 0.88
ALTAMONT_115KV_TB 2 55880	47.33 1.20 -5.98	39.45 1.07 -2.78	37.33 1.01 -2.59	34.70 0.89 -4.04	33.76 0.86 -5.26	32.46 0.86 -2.84	31.22 0.82 -3.20	32.57 0.79 -4.67	32.34 0.85 0.00	34.35 0.77 0.00	36.29 0.92 0.00	39.74 1.04 0.00	46.00 1.21 0.00	47.13 1.28 0.00	47.88 1.35 0.00	49.46 1.25 0.00	55.86 1.42 0.00	69.41 1.49 0.00	78.89 1.47 0.00	78.57 1.24 0.00	68.91 1.15 0.00	59.16 0.99 0.00	50.58 0.85 0.00	45.49 0.98 0.00
ALTONA_WT_PWR 323606	39.50 -0.64 0.00	35.07 -0.53 0.00	33.15 -0.57 0.00	29.35 -0.42 0.00	27.17 -0.47 0.00	28.34 -0.43 0.00	26.80 -0.41 0.00	26.74 -0.38 0.00	31.05 -0.44 0.00	33.14 -0.44 0.00	34.95 -0.42 0.00	38.27 -0.42 0.00	44.43 -0.36 0.00	45.48 -0.37 0.00	46.16 -0.37 0.00	48.07 -0.14 0.00	54.17 -0.27 0.00	67.99 0.07 0.00	77.81 0.39 0.00	77.88 0.55 0.00	68.29 0.54 0.00	58.58 0.41 0.00	50.13 0.40 0.00	44.69 0.18 0.00
AMERICAN_REF_FUEL 24010	34.12 -5.86 0.16	30.31 -5.20 0.09	29.32 -4.65 -0.25	25.86 -4.29 -0.38	24.54 -3.59 -0.49	25.10 -3.94 -0.27	23.94 -3.64 -0.38	23.28 -3.71 0.13	27.35 -4.12 0.01	29.01 -4.57 0.00	30.66 -4.67 0.04	29.76 -4.76 4.18	32.10 -5.47 7.22	34.29 -5.64 5.91	35.51 -5.96 5.07	38.39 -5.69 4.13	43.04 -5.93 5.46	50.91 -7.13 9.88	56.88 -8.67 11.87	63.20 -8.35 5.78	54.26 -8.54 4.96	48.19 -7.39 2.59	41.29 -6.61 1.83	38.00 -5.43 1.08
ARKWRIGHT___SUMMIT_WT_PWR 323751	35.28 -4.82 0.05	31.22 -4.35 0.04	30.11 -3.91 -0.29	26.73 -3.48 -0.45	25.27 -2.96 -0.59	25.98 -3.11 -0.32	24.80 -2.83 -0.43	24.20 -2.88 0.04	28.55 -2.93 0.01	30.99 -2.58 0.00	32.15 -3.18 0.04	31.55 -3.06 4.09	34.29 -3.49 7.00	36.66 -3.49 5.70	38.05 -3.63 4.86	39.92 -4.34 3.95	44.18 -5.06 5.20	53.06 -5.44 9.42	62.61 -3.87 10.94	65.95 -5.88 5.50	57.68 -5.42 4.65	50.76 -5.00 2.40	43.13 -4.92 1.68	39.39 -4.14 0.98
ARTHUR KILL_GT_1 23520	48.75 3.73 -4.87	41.04 3.17 -2.27	38.60 2.77 -2.11	35.53 2.47 -3.29	34.28 2.35 -4.28	33.61 2.53 -2.31	32.24 2.42 -2.61	33.53 2.60 -3.81	34.45 2.96 0.00	36.82 3.22 -0.02	39.04 3.64 -0.02	42.54 3.75 -0.08	49.79 4.97 -0.03	53.56 4.81 -2.91	56.51 5.07 -4.91	61.10 4.92 -7.97	64.84 5.44 -4.95	76.28 6.38 -1.97	84.39 6.97 0.00	83.92 6.57 -0.01	72.90 5.15 0.01	62.48 4.30 0.00	53.52 3.78 -0.01	48.26 3.74 -0.02
ARTHUR_KILL_2 23512	48.63 3.61 -4.87	40.90 3.02 -2.27	38.50 2.66 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.55 2.47 -2.31	32.18 2.37 -2.61	33.45 2.52 -3.81	34.38 2.90 0.00	36.86 3.26 -0.02	38.93 3.54 -0.02	42.46 3.68 -0.08	49.66 4.84 -0.03	53.38 4.63 -2.91	56.28 4.84 -4.91	60.91 4.73 -7.97	64.62 5.23 -4.95	75.80 5.91 -1.97	84.08 6.66 0.00	83.54 6.19 -0.01	72.49 4.74 0.01	62.25 4.07 0.00	53.28 3.53 -0.02	48.09 3.56 -0.02
ARTHUR_KILL_3 23513	48.22 3.21 -4.86	40.50 2.63 -2.26	38.09 2.26 -2.10	35.07 2.02 -3.29	33.82 1.91 -4.28	33.11 2.04 -2.31	31.79 1.98 -2.61	33.09 2.17 -3.80	34.07 2.58 0.00	36.48 2.89 -0.01	38.57 3.18 -0.01	42.68 3.91 -0.07	49.43 4.61 -0.03	53.55 4.81 -2.90	56.46 5.03 -4.90	61.14 4.97 -7.97	64.88 5.50 -4.95	76.20 6.32 -1.96	83.77 6.35 0.00	83.22 5.87 -0.01	72.15 4.40 0.01	61.48 3.31 0.01	52.97 3.23 -0.01	47.68 3.16 -0.01

ARTHUR_KILL_COGEN 323718	48.75 3.73 -4.87	41.04 3.17 -2.27	38.61 2.77 -2.11	35.52 2.47 -3.29	34.28 2.35 -4.28	33.64 2.56 -2.31	32.26 2.45 -2.61	33.55 2.63 -3.81	34.48 2.99 0.00	36.99 3.39 -0.02	39.04 3.64 -0.02	42.58 3.79 -0.08	49.79 4.97 -0.03	53.56 4.81 -2.91	56.47 5.03 -4.91	61.11 4.92 -7.97	64.84 5.44 -4.95	76.14 6.24 -1.97	84.47 7.04 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.48 4.30 0.00	53.48 3.73 -0.02	48.26 3.74 -0.02
ASHOKAN____ 23654	46.97 1.37 -5.46	39.21 1.07 -2.54	36.96 0.88 -2.36	34.19 0.74 -3.69	33.13 0.69 -4.80	32.07 0.72 -2.59	30.86 0.73 -2.92	32.03 0.65 -4.26	32.97 1.48 0.00	35.09 1.51 0.00	37.07 1.70 0.00	40.79 2.09 0.00	47.39 2.60 0.00	48.59 2.75 0.00	49.51 2.98 0.00	51.30 3.09 0.00	58.09 3.65 0.00	72.54 4.62 0.00	83.07 5.65 0.00	82.60 5.26 0.00	72.03 4.27 0.00	61.66 3.49 0.00	52.62 2.88 0.00	47.27 2.76 0.00
ASTORIA_EAST_ENERGY_CC1 323581	48.39 3.37 -4.87	40.62 2.74 -2.27	38.20 2.36 -2.11	35.14 2.08 -3.29	33.89 1.96 -4.28	33.24 2.16 -2.31	31.94 2.12 -2.61	33.17 2.25 -3.81	34.06 2.58 0.01	36.51 2.92 -0.01	38.60 3.22 -0.01	42.57 3.79 -0.08	49.56 4.75 -0.02	53.94 4.86 -3.24	56.87 5.03 -5.31	61.80 4.97 -8.63	65.24 5.44 -5.36	76.30 6.24 -2.13	83.46 6.04 0.01	82.98 5.64 -0.01	71.88 4.13 0.01	61.53 3.37 0.01	52.92 3.19 0.00	47.81 3.29 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	48.39 3.37 -4.87	40.62 2.74 -2.27	38.20 2.36 -2.11	35.14 2.08 -3.29	33.89 1.96 -4.28	33.24 2.16 -2.31	31.94 2.12 -2.61	33.17 2.25 -3.81	34.06 2.58 0.01	36.51 2.92 -0.01	38.60 3.22 -0.01	42.57 3.79 -0.08	49.56 4.75 -0.02	53.94 4.86 -3.24	56.87 5.03 -5.31	61.80 4.97 -8.63	65.24 5.44 -5.36	76.30 6.24 -2.13	83.46 6.04 0.01	82.98 5.64 -0.01	71.88 4.13 0.01	61.53 3.37 0.01	52.92 3.19 0.00	47.81 3.29 -0.01
ASTORIA_GT2_1 24094	48.39 3.37 -4.87	40.62 2.74 -2.27	38.20 2.36 -2.11	35.17 2.11 -3.29	33.89 1.96 -4.28	33.24 2.16 -2.31	31.91 2.09 -2.61	33.20 2.28 -3.81	34.01 2.52 0.00	36.34 2.75 0.00	38.61 3.22 -0.02	42.50 3.72 -0.08	49.57 4.75 -0.03	54.00 4.91 -3.25	56.92 5.07 -5.31	61.80 4.97 -8.63	65.24 5.44 -5.36	76.50 6.45 -2.13	83.46 6.04 0.00	83.00 5.65 -0.01	71.95 4.20 0.01	61.53 3.37 0.01	52.98 3.23 -0.01	47.81 3.29 -0.01
ASTORIA_GT2_2 24095	48.39 3.37 -4.87	40.62 2.74 -2.27	38.20 2.36 -2.11	35.17 2.11 -3.29	33.89 1.96 -4.28	33.24 2.16 -2.31	31.91 2.09 -2.61	33.20 2.28 -3.81	34.01 2.52 0.00	36.34 2.75 0.00	38.61 3.22 -0.02	42.50 3.72 -0.08	49.57 4.75 -0.03	54.00 4.91 -3.25	56.92 5.07 -5.31	61.80 4.97 -8.63	65.24 5.44 -5.36	76.50 6.45 -2.13	83.46 6.04 0.00	83.00 5.65 -0.01	71.95 4.20 0.01	61.53 3.37 0.01	52.98 3.23 -0.01	47.81 3.29 -0.01
ASTORIA_GT2_3 24096	48.39 3.37 -4.87	40.62 2.74 -2.27	38.20 2.36 -2.11	35.17 2.11 -3.29	33.89 1.96 -4.28	33.24 2.16 -2.31	31.91 2.09 -2.61	33.20 2.28 -3.81	34.01 2.52 0.00	36.34 2.75 0.00	38.61 3.22 -0.02	42.50 3.72 -0.08	49.57 4.75 -0.03	54.00 4.91 -3.25	56.92 5.07 -5.31	61.80 4.97 -8.63	65.24 5.44 -5.36	76.50 6.45 -2.13	83.46 6.04 0.00	83.00 5.65 -0.01	71.95 4.20 0.01	61.53 3.37 0.01	52.98 3.23 -0.01	47.81 3.29 -0.01
ASTORIA_GT2_4 24097	48.39 3.37 -4.87	40.62 2.74 -2.27	38.20 2.36 -2.11	35.17 2.11 -3.29	33.89 1.96 -4.28	33.24 2.16 -2.31	31.91 2.09 -2.61	33.20 2.28 -3.81	34.01 2.52 0.00	36.34 2.75 0.00	38.61 3.22 -0.02	42.50 3.72 -0.08	49.57 4.75 -0.03	54.00 4.91 -3.25	56.92 5.07 -5.31	61.80 4.97 -8.63	65.24 5.44 -5.36	76.50 6.45 -2.13	83.46 6.04 0.00	83.00 5.65 -0.01	71.95 4.20 0.01	61.53 3.37 0.01	52.98 3.23 -0.01	47.81 3.29 -0.01
ASTORIA_GT3_1 24098	48.39 3.37 -4.87	40.62 2.74 -2.27	38.20 2.36 -2.11	35.17 2.11 -3.29	33.89 1.96 -4.28	33.24 2.16 -2.31	31.91 2.09 -2.61	33.20 2.28 -3.81	34.01 2.52 0.00	36.34 2.75 0.00	38.61 3.22 -0.02	42.50 3.72 -0.08	49.57 4.75 -0.03	54.00 4.91 -3.25	56.92 5.07 -5.31	61.80 4.97 -8.63	65.24 5.44 -5.36	76.50 6.45 -2.13	83.46 6.04 0.00	83.00 5.65 -0.01	71.95 4.20 0.01	61.53 3.37 0.01	52.98 3.23 -0.01	47.81 3.29 -0.01
ASTORIA_GT3_2 24099	48.39 3.37 -4.87	40.62 2.74 -2.27	38.20 2.36 -2.11	35.17 2.11 -3.29	33.89 1.96 -4.28	33.24 2.16 -2.31	31.91 2.09 -2.61	33.20 2.28 -3.81	34.01 2.52 0.00	36.34 2.75 0.00	38.61 3.22 -0.02	42.50 3.72 -0.08	49.57 4.75 -0.03	54.00 4.91 -3.25	56.92 5.07 -5.31	61.80 4.97 -8.63	65.24 5.44 -5.36	76.50 6.45 -2.13	83.46 6.04 0.00	83.00 5.65 -0.01	71.95 4.20 0.01	61.53 3.37 0.01	52.98 3.23 -0.01	47.81 3.29 -0.01
ASTORIA_GT3_3 24100	48.39 3.37 -4.87	40.62 2.74 -2.27	38.20 2.36 -2.11	35.17 2.11 -3.29	33.89 1.96 -4.28	33.24 2.16 -2.31	31.91 2.09 -2.61	33.20 2.28 -3.81	34.01 2.52 0.00	36.34 2.75 0.00	38.61 3.22 -0.02	42.50 3.72 -0.08	49.57 4.75 -0.03	54.00 4.91 -3.25	56.92 5.07 -5.31	61.80 4.97 -8.63	65.24 5.44 -5.36	76.50 6.45 -2.13	83.46 6.04 0.00	83.00 5.65 -0.01	71.95 4.20 0.01	61.53 3.37 0.01	52.98 3.23 -0.01	47.81 3.29 -0.01
ASTORIA_GT3_4 24101	48.39 3.37 -4.87	40.62 2.74 -2.27	38.20 2.36 -2.11	35.17 2.11 -3.29	33.89 1.96 -4.28	33.24 2.16 -2.31	31.91 2.09 -2.61	33.20 2.28 -3.81	34.01 2.52 0.00	36.34 2.75 0.00	38.61 3.22 -0.02	42.50 3.72 -0.08	49.57 4.75 -0.03	54.00 4.91 -3.25	56.92 5.07 -5.31	61.80 4.97 -8.63	65.24 5.44 -5.36	76.50 6.45 -2.13	83.46 6.04 0.00	83.00 5.65 -0.01	71.95 4.20 0.01	61.53 3.37 0.01	52.98 3.23 -0.01	47.81 3.29 -0.01
ASTORIA_GT4_1 24102	48.39 3.37 -4.87	40.62 2.74 -2.27	38.20 2.36 -2.11	35.17 2.11 -3.29	33.89 1.96 -4.28	33.24 2.16 -2.31	31.91 2.09 -2.61	33.20 2.28 -3.81	34.01 2.52 0.00	36.34 2.75 0.00	38.61 3.22 -0.02	42.50 3.72 -0.08	49.57 4.75 -0.03	54.00 4.91 -3.25	56.92 5.07 -5.31	61.80 4.97 -8.63	65.24 5.44 -5.36	76.50 6.45 -2.13	83.46 6.04 0.00	83.00 5.65 -0.01	71.95 4.20 0.01	61.53 3.37 0.01	52.98 3.23 -0.01	47.81 3.29 -0.01
ASTORIA_GT4_2 24103	48.39 3.37 -4.87	40.62 2.74 -2.27	38.20 2.36 -2.11	35.17 2.11 -3.29	33.89 1.96 -4.28	33.24 2.16 -2.31	31.91 2.09 -2.61	33.20 2.28 -3.81	34.01 2.52 0.00	36.34 2.75 0.00	38.61 3.22 -0.02	42.50 3.72 -0.08	49.57 4.75 -0.03	54.00 4.91 -3.25	56.92 5.07 -5.31	61.80 4.97 -8.63	65.24 5.44 -5.36	76.50 6.45 -2.13	83.46 6.04 0.00	83.00 5.65 -0.01	71.95 4.20 0.01	61.53 3.37 0.01	52.98 3.23 -0.01	47.81 3.29 -0.01
ASTORIA_GT4_3 24104	48.39 3.37 -4.87	40.62 2.74 -2.27	38.20 2.36 -2.11	35.17 2.11 -3.29	33.89 1.96 -4.28	33.24 2.16 -2.31	31.91 2.09 -2.61	33.20 2.28 -3.81	34.01 2.52 0.00	36.34 2.75 0.00	38.61 3.22 -0.02	42.50 3.72 -0.08	49.57 4.75 -0.03	54.00 4.91 -3.25	56.92 5.07 -5.31	61.80 4.97 -8.63	65.24 5.44 -5.36	76.50 6.45 -2.13	83.46 6.04 0.00	83.00 5.65 -0.01	71.95 4.20 0.01	61.53 3.37 0.01	52.98 3.23 -0.01	47.81 3.29 -0.01

ASTORIA_GT4_4 24105	48.39 3.37 -4.87	40.62 2.74 -2.27	38.20 2.36 -2.11	35.17 2.11 -3.29	33.89 1.96 -4.28	33.24 2.16 -2.31	31.91 2.09 -2.61	33.20 2.28 -3.81	34.01 2.52 0.00	36.34 2.75 0.00	38.61 3.22 -0.02	42.50 3.72 -0.08	49.57 4.75 -0.03	54.00 4.91 -3.25	56.92 5.07 -5.31	61.80 4.97 -8.63	65.24 5.44 -5.36	76.50 6.45 -2.13	83.46 6.04 0.00	83.00 5.65 -0.01	71.95 4.20 0.01	61.53 3.37 0.01	52.98 3.23 -0.01	47.81 3.29 -0.01
ASTORIA_GT_1 23523	48.47 3.45 -4.87	40.69 2.81 -2.27	38.27 2.43 -2.11	35.23 2.17 -3.29	33.95 2.02 -4.28	33.30 2.22 -2.31	31.96 2.15 -2.61	33.26 2.33 -3.81	34.07 2.58 0.00	36.44 2.85 0.00	38.68 3.29 -0.02	42.58 3.79 -0.08	49.66 4.84 -0.03	54.09 5.00 -3.25	57.05 5.21 -5.31	61.95 5.11 -8.63	65.41 5.61 -5.36	76.64 6.59 -2.13	83.69 6.27 0.00	83.23 5.88 -0.01	72.15 4.40 0.01	61.71 3.55 0.01	53.13 3.38 -0.01	47.94 3.43 -0.01
ASTORIA_GT_10 24110	48.47 3.45 -4.87	40.76 2.88 -2.27	38.34 2.50 -2.11	35.29 2.23 -3.29	34.03 2.10 -4.28	33.32 2.24 -2.31	31.99 2.18 -2.61	33.26 2.33 -3.81	34.20 2.71 0.00	36.55 2.95 -0.02	38.75 3.36 -0.02	42.61 3.83 -0.08	49.52 4.70 -0.03	53.95 4.86 -3.25	57.10 5.07 -5.50	62.06 4.92 -8.93	65.43 5.44 -5.55	76.51 6.38 -2.20	83.93 6.50 0.00	83.38 6.03 -0.01	72.42 4.68 0.01	61.77 3.61 0.01	53.18 3.43 -0.01	47.94 3.43 -0.01
ASTORIA_GT_11 24225	48.47 3.45 -4.87	40.76 2.88 -2.27	38.34 2.50 -2.11	35.29 2.23 -3.29	34.03 2.10 -4.28	33.32 2.24 -2.31	31.99 2.18 -2.61	33.26 2.33 -3.81	34.20 2.71 0.00	36.55 2.95 -0.02	38.75 3.36 -0.02	42.61 3.83 -0.08	49.52 4.70 -0.03	53.95 4.86 -3.25	57.10 5.07 -5.50	62.06 4.92 -8.93	65.43 5.44 -5.55	76.51 6.38 -2.20	83.93 6.50 0.00	83.38 6.03 -0.01	72.42 4.68 0.01	61.77 3.61 0.01	53.18 3.43 -0.01	47.94 3.43 -0.01
ASTORIA_GT_12 24226	48.47 3.45 -4.87	40.76 2.88 -2.27	38.34 2.50 -2.11	35.29 2.23 -3.29	34.03 2.10 -4.28	33.32 2.24 -2.31	31.99 2.18 -2.61	33.26 2.33 -3.81	34.20 2.71 0.00	36.55 2.95 -0.02	38.75 3.36 -0.02	42.61 3.83 -0.08	49.52 4.70 -0.03	53.95 4.86 -3.25	57.10 5.07 -5.50	62.06 4.92 -8.93	65.43 5.44 -5.55	76.51 6.38 -2.20	83.93 6.50 0.00	83.38 6.03 -0.01	72.42 4.68 0.01	61.77 3.61 0.01	53.18 3.43 -0.01	47.94 3.43 -0.01
ASTORIA_GT_13 24227	48.47 3.45 -4.87	40.76 2.88 -2.27	38.34 2.50 -2.11	35.29 2.23 -3.29	34.03 2.10 -4.28	33.32 2.24 -2.31	31.99 2.18 -2.61	33.26 2.33 -3.81	34.20 2.71 0.00	36.55 2.95 -0.02	38.75 3.36 -0.02	42.61 3.83 -0.08	49.52 4.70 -0.03	53.95 4.86 -3.25	57.10 5.07 -5.50	62.06 4.92 -8.93	65.43 5.44 -5.55	76.51 6.38 -2.20	83.93 6.50 0.00	83.38 6.03 -0.01	72.42 4.68 0.01	61.77 3.61 0.01	53.18 3.43 -0.01	47.94 3.43 -0.01
ASTORIA_GT_5 24106	48.47 3.45 -4.87	40.69 2.81 -2.27	38.27 2.43 -2.11	35.23 2.17 -3.29	33.95 2.02 -4.28	33.30 2.22 -2.31	31.96 2.15 -2.61	33.26 2.33 -3.81	34.07 2.58 0.00	36.44 2.85 0.00	38.68 3.29 -0.02	42.58 3.79 -0.08	49.66 4.84 -0.03	54.09 5.00 -3.25	57.05 5.21 -5.31	61.95 5.11 -8.63	65.41 5.61 -5.36	76.64 6.59 -2.13	83.69 6.27 0.00	83.23 5.88 -0.01	72.15 4.40 0.01	61.71 3.55 0.01	53.13 3.38 -0.01	47.94 3.43 -0.01
ASTORIA_GT_7 24107	48.47 3.45 -4.87	40.69 2.81 -2.27	38.27 2.43 -2.11	35.23 2.17 -3.29	33.95 2.02 -4.28	33.30 2.22 -2.31	31.96 2.15 -2.61	33.26 2.33 -3.81	34.07 2.58 0.00	36.44 2.85 0.00	38.68 3.29 -0.02	42.58 3.79 -0.08	49.66 4.84 -0.03	54.09 5.00 -3.25	57.05 5.21 -5.31	61.95 5.11 -8.63	65.41 5.61 -5.36	76.64 6.59 -2.13	83.69 6.27 0.00	83.23 5.88 -0.01	72.15 4.40 0.01	61.71 3.55 0.01	53.13 3.38 -0.01	47.94 3.43 -0.01
ASTORIA_GT_8 24108	48.47 3.45 -4.87	40.69 2.81 -2.27	38.27 2.43 -2.11	35.23 2.17 -3.29	33.95 2.02 -4.28	33.30 2.22 -2.31	31.96 2.15 -2.61	33.26 2.33 -3.81	34.07 2.58 0.00	36.44 2.85 0.00	38.68 3.29 -0.02	42.58 3.79 -0.08	49.66 4.84 -0.03	54.09 5.00 -3.25	57.05 5.21 -5.31	61.95 5.11 -8.63	65.41 5.61 -5.36	76.64 6.59 -2.13	83.69 6.27 0.00	83.23 5.88 -0.01	72.15 4.40 0.01	61.71 3.55 0.01	53.13 3.38 -0.01	47.94 3.43 -0.01
ASTORIA___2 24149	48.39 3.37 -4.87	40.62 2.74 -2.27	38.20 2.36 -2.11	35.17 2.11 -3.29	33.89 1.96 -4.28	33.24 2.16 -2.31	31.94 2.12 -2.61	33.17 2.25 -3.81	34.06 2.58 0.01	36.51 2.92 -0.01	38.60 3.22 -0.01	42.57 3.79 -0.08	49.61 4.79 -0.02	53.99 4.91 -3.24	56.92 5.07 -5.31	61.80 4.97 -8.63	65.24 5.44 -5.36	76.30 6.24 -2.13	83.53 6.11 0.01	82.98 5.64 -0.01	71.94 4.20 0.01	61.53 3.37 0.01	52.97 3.23 0.00	47.81 3.29 -0.01
ASTORIA___3 23516	48.47 3.45 -4.87	40.76 2.88 -2.27	38.34 2.50 -2.11	35.29 2.23 -3.29	34.03 2.10 -4.28	33.33 2.25 -2.31	32.02 2.20 -2.61	33.26 2.33 -3.81	34.23 2.74 0.00	36.69 3.09 -0.02	38.75 3.36 -0.02	42.69 3.91 -0.08	49.56 4.75 -0.03	53.95 4.86 -3.25	57.06 5.03 -5.50	62.06 4.92 -8.93	65.43 5.44 -5.55	76.37 6.24 -2.20	83.93 6.50 0.00	83.39 6.04 -0.01	72.36 4.61 0.01	61.77 3.61 0.01	53.13 3.38 -0.01	47.94 3.43 -0.01
ASTORIA___4 23517	48.47 3.45 -4.87	40.76 2.88 -2.27	38.34 2.50 -2.11	35.29 2.23 -3.29	34.03 2.10 -4.28	33.32 2.24 -2.31	31.99 2.18 -2.61	33.26 2.33 -3.81	34.20 2.71 0.00	36.55 2.95 -0.02	38.75 3.36 -0.02	42.61 3.83 -0.08	49.52 4.70 -0.03	53.95 4.86 -3.25	57.10 5.07 -5.50	62.06 4.92 -8.93	65.43 5.44 -5.55	76.51 6.38 -2.20	83.93 6.50 0.00	83.38 6.03 -0.01	72.42 4.68 0.01	61.77 3.61 0.01	53.18 3.43 -0.01	47.94 3.43 -0.01
ASTORIA___5 23518	48.47 3.45 -4.87	40.76 2.88 -2.27	38.34 2.50 -2.11	35.29 2.23 -3.29	34.03 2.10 -4.28	33.33 2.25 -2.31	32.02 2.20 -2.61	33.26 2.33 -3.81	34.23 2.74 0.00	36.69 3.09 -0.02	38.75 3.36 -0.02	42.69 3.91 -0.08	49.56 4.75 -0.03	53.95 4.86 -3.25	57.06 5.03 -5.50	62.06 4.92 -8.93	65.43 5.44 -5.55	76.37 6.24 -2.20	83.93 6.50 0.00	83.39 6.04 -0.01	72.36 4.61 0.01	61.77 3.61 0.01	53.13 3.38 -0.01	47.94 3.43 -0.01
AST_ENERGY_2_CC3 323677	48.34 3.33 -4.86	40.61 2.74 -2.26	38.23 2.39 -2.10	35.16 2.11 -3.29	33.91 1.99 -4.28	33.20 2.13 -2.31	31.90 2.09 -2.61	33.14 2.22 -3.80	34.13 2.65 0.00	36.55 2.96 -0.02	38.64 3.25 -0.02	42.65 3.87 -0.08	49.43 4.61 -0.03	53.79 4.81 -3.14	56.82 4.98 -5.30	61.80 4.97 -8.62	65.29 5.50 -5.35	76.36 6.32 -2.12	83.93 6.50 0.00	83.39 6.04 -0.01	72.36 4.61 0.01	61.72 3.55 0.01	53.08 3.33 -0.01	47.81 3.29 -0.01
AST_ENERGY_2_CC4 323678	48.34 3.33 -4.86	40.61 2.74 -2.26	38.23 2.39 -2.10	35.16 2.11 -3.29	33.91 1.99 -4.28	33.20 2.13 -2.31	31.90 2.09 -2.61	33.14 2.22 -3.80	34.13 2.65 0.00	36.55 2.96 -0.02	38.64 3.25 -0.02	42.65 3.87 -0.08	49.43 4.61 -0.03	53.79 4.81 -3.14	56.82 4.98 -5.30	61.80 4.97 -8.62	65.29 5.50 -5.35	76.36 6.32 -2.12	83.93 6.50 0.00	83.39 6.04 -0.01	72.36 4.61 0.01	61.72 3.55 0.01	53.08 3.33 -0.01	47.81 3.29 -0.01

ATHENS_STG_1 23668	47.21 1.65 -5.42	39.55 1.43 -2.52	37.32 1.25 -2.34	34.53 1.10 -3.66	33.46 1.05 -4.77	32.46 1.12 -2.57	31.17 1.06 -2.90	32.44 1.09 -4.24	32.78 1.29 0.00	34.99 1.41 0.00	36.86 1.49 0.00	40.52 1.82 0.00	46.89 2.11 0.00	48.04 2.20 0.00	48.81 2.28 0.00	50.33 2.12 0.00	56.78 2.34 0.00	70.36 2.44 0.00	79.90 2.48 0.00	79.50 2.16 0.00	69.44 1.69 0.01	59.62 1.45 0.00	51.02 1.29 0.01	45.98 1.47 0.00
ATHENS_STG_2 23670	47.21 1.65 -5.42	39.55 1.43 -2.52	37.32 1.25 -2.34	34.53 1.10 -3.66	33.46 1.05 -4.77	32.46 1.12 -2.57	31.17 1.06 -2.90	32.44 1.09 -4.24	32.78 1.29 0.00	34.99 1.41 0.00	36.86 1.49 0.00	40.52 1.82 0.00	46.89 2.11 0.00	48.04 2.20 0.00	48.81 2.28 0.00	50.33 2.12 0.00	56.78 2.34 0.00	70.36 2.44 0.00	79.90 2.48 0.00	79.50 2.16 0.00	69.44 1.69 0.01	59.62 1.45 0.00	51.02 1.29 0.01	45.98 1.47 0.00
ATHENS_STG_3 23677	47.21 1.65 -5.42	39.55 1.43 -2.52	37.32 1.25 -2.34	34.53 1.10 -3.66	33.46 1.05 -4.77	32.46 1.12 -2.57	31.17 1.06 -2.90	32.44 1.09 -4.24	32.78 1.29 0.00	34.99 1.41 0.00	36.86 1.49 0.00	40.52 1.82 0.00	46.89 2.11 0.00	48.04 2.20 0.00	48.81 2.28 0.00	50.33 2.12 0.00	56.78 2.34 0.00	70.36 2.44 0.00	79.90 2.48 0.00	79.50 2.16 0.00	69.44 1.69 0.01	59.62 1.45 0.00	51.02 1.29 0.01	45.98 1.47 0.00
AUBURN___LFGE 323710	40.44 -0.56 -0.86	35.51 -0.50 -0.40	33.66 -0.34 -0.27	29.83 -0.36 -0.42	27.95 -0.25 -0.55	28.78 -0.29 -0.30	27.24 -0.30 -0.34	27.43 -0.35 -0.67	31.18 -0.31 0.00	33.31 -0.27 0.00	34.96 -0.42 -0.01	39.05 -0.66 -1.01	45.58 -0.76 -1.55	46.21 -0.78 -1.14	46.60 -0.79 -0.86	48.03 -0.77 -0.59	54.54 -0.65 -0.75	68.48 -0.88 -1.44	79.45 -0.46 -2.49	78.45 -0.15 -1.27	68.40 -0.07 -0.72	58.86 -0.12 -0.81	49.89 -0.35 -0.51	44.60 -0.36 -0.45
BABYLON_RES_REC 323704	48.78 3.77 -4.86	41.14 3.27 -2.26	38.63 2.80 -2.10	35.64 2.59 -3.29	34.19 2.27 -4.28	33.57 2.50 -2.31	32.15 2.34 -2.61	33.38 2.47 -3.80	34.86 3.37 0.00	44.44 3.69 -7.16	45.19 3.82 -6.00	49.05 4.45 -5.91	50.47 5.28 -0.40	52.27 5.45 -0.98	53.53 5.63 -1.38	56.98 5.59 -3.18	61.64 6.26 -0.94	75.98 7.34 -0.72	84.85 6.42 -1.01	83.90 5.72 -0.84	71.67 3.93 0.01	60.95 2.79 0.01	52.31 2.58 0.01	47.98 3.47 0.00
BALL_HILL_WT_PWR 323825	35.08 -4.74 0.32	31.16 -4.27 0.17	30.16 -3.85 -0.28	26.71 -3.48 -0.43	25.21 -2.99 -0.56	25.88 -3.19 -0.30	24.66 -2.96 -0.42	23.86 -3.01 0.25	28.33 -3.15 0.01	30.66 -2.92 0.00	31.85 -3.47 0.05	30.18 -3.33 5.19	32.28 -3.81 8.71	35.06 -3.96 6.98	36.74 -3.96 5.83	38.99 -4.58 4.64	43.07 -5.28 6.09	50.91 -5.91 11.10	59.19 -4.88 13.36	64.37 -6.57 6.39	56.45 -6.10 5.21	50.10 -5.47 2.60	42.83 -5.17 1.73	39.19 -4.32 1.01
BARON_WINDS___WT_PWR 323822	33.04 -2.65 4.45	30.97 -2.42 2.22	32.03 -2.09 -0.39	28.44 -1.93 -0.61	26.89 -1.55 -0.80	27.50 -1.70 -0.43	26.13 -1.60 -0.53	21.85 -1.79 3.48	29.53 -1.89 0.07	31.80 -1.78 0.00	32.95 -2.16 0.27	11.61 -2.20 24.88	3.50 -2.60 38.69	14.29 -2.57 28.98	21.75 -2.60 22.18	29.76 -2.89 15.56	31.14 -3.21 20.09	26.25 -3.60 38.07	20.61 -2.25 54.57	54.71 -2.63 19.99	52.96 -2.23 12.56	51.86 -2.09 4.22	46.46 -2.24 1.04	42.06 -1.87 0.58
BARRETT_IC_1 23704	48.30 3.29 -4.86	40.72 2.85 -2.26	38.23 2.39 -2.10	35.25 2.20 -3.29	33.85 1.93 -4.28	33.23 2.16 -2.31	31.82 2.01 -2.61	33.06 2.14 -3.80	34.42 2.93 0.00	43.97 3.22 -7.16	44.80 3.43 -6.00	48.67 4.06 -5.91	49.98 4.79 -0.40	51.99 4.91 -1.24	55.10 5.03 -3.54	56.24 5.01 -3.02	60.42 5.56 -0.42	74.48 6.52 -0.04	82.92 5.50 0.00	82.21 4.88 0.00	71.13 3.39 0.01	60.78 2.62 0.01	52.16 2.44 0.01	47.58 3.07 0.00
BARRETT_IC_10 23701	48.30 3.29 -4.86	40.72 2.85 -2.26	38.23 2.39 -2.10	35.25 2.20 -3.29	33.85 1.93 -4.28	33.23 2.16 -2.31	31.82 2.01 -2.61	33.06 2.14 -3.80	34.42 2.93 0.00	43.97 3.22 -7.16	44.80 3.43 -6.00	48.67 4.06 -5.91	49.98 4.79 -0.40	51.99 4.91 -1.24	55.10 5.03 -3.54	56.24 5.01 -3.02	60.42 5.56 -0.42	74.48 6.52 -0.04	82.92 5.50 0.00	82.21 4.88 0.00	71.13 3.39 0.01	60.78 2.62 0.01	52.16 2.44 0.01	47.58 3.07 0.00
BARRETT_IC_11 23702	48.30 3.29 -4.86	40.72 2.85 -2.26	38.23 2.39 -2.10	35.25 2.20 -3.29	33.85 1.93 -4.28	33.23 2.16 -2.31	31.82 2.01 -2.61	33.06 2.14 -3.80	34.42 2.93 0.00	43.97 3.22 -7.16	44.80 3.43 -6.00	48.67 4.06 -5.91	49.98 4.79 -0.40	51.99 4.91 -1.24	55.10 5.03 -3.54	56.24 5.01 -3.02	60.42 5.56 -0.42	74.48 6.52 -0.04	82.92 5.50 0.00	82.21 4.88 0.00	71.13 3.39 0.01	60.78 2.62 0.01	52.16 2.44 0.01	47.58 3.07 0.00
BARRETT_IC_12 23703	48.30 3.29 -4.86	40.72 2.85 -2.26	38.23 2.39 -2.10	35.25 2.20 -3.29	33.85 1.93 -4.28	33.23 2.16 -2.31	31.82 2.01 -2.61	33.06 2.14 -3.80	34.42 2.93 0.00	43.97 3.22 -7.16	44.80 3.43 -6.00	48.67 4.06 -5.91	49.98 4.79 -0.40	51.99 4.91 -1.24	55.10 5.03 -3.54	56.24 5.01 -3.02	60.42 5.56 -0.42	74.48 6.52 -0.04	82.92 5.50 0.00	82.21 4.88 0.00	71.13 3.39 0.01	60.78 2.62 0.01	52.16 2.44 0.01	47.58 3.07 0.00
BARRETT_IC_2 23705	48.30 3.29 -4.86	40.72 2.85 -2.26	38.23 2.39 -2.10	35.25 2.20 -3.29	33.85 1.93 -4.28	33.23 2.16 -2.31	31.82 2.01 -2.61	33.06 2.14 -3.80	34.42 2.93 0.00	43.97 3.22 -7.16	44.80 3.43 -6.00	48.67 4.06 -5.91	49.98 4.79 -0.40	51.99 4.91 -1.24	55.10 5.03 -3.54	56.24 5.01 -3.02	60.42 5.56 -0.42	74.48 6.52 -0.04	82.92 5.50 0.00	82.21 4.88 0.00	71.13 3.39 0.01	60.78 2.62 0.01	52.16 2.44 0.01	47.58 3.07 0.00
BARRETT_IC_3 23706	48.30 3.29 -4.86	40.72 2.85 -2.26	38.23 2.39 -2.10	35.25 2.20 -3.29	33.85 1.93 -4.28	33.23 2.16 -2.31	31.82 2.01 -2.61	33.06 2.14 -3.80	34.42 2.93 0.00	43.97 3.22 -7.16	44.80 3.43 -6.00	48.67 4.06 -5.91	49.98 4.79 -0.40	51.99 4.91 -1.24	55.10 5.03 -3.54	56.24 5.01 -3.02	60.42 5.56 -0.42	74.48 6.52 -0.04	82.92 5.50 0.00	82.21 4.88 0.00	71.13 3.39 0.01	60.78 2.62 0.01	52.16 2.44 0.01	47.58 3.07 0.00
BARRETT_IC_4 23707	48.30 3.29 -4.86	40.72 2.85 -2.26	38.23 2.39 -2.10	35.25 2.20 -3.29	33.85 1.93 -4.28	33.23 2.16 -2.31	31.82 2.01 -2.61	33.06 2.14 -3.80	34.42 2.93 0.00	43.97 3.22 -7.16	44.80 3.43 -6.00	48.67 4.06 -5.91	49.98 4.79 -0.40	51.99 4.91 -1.24	55.10 5.03 -3.54	56.24 5.01 -3.02	60.42 5.56 -0.42	74.48 6.52 -0.04	82.92 5.50 0.00	82.21 4.88 0.00	71.13 3.39 0.01	60.78 2.62 0.01	52.16 2.44 0.01	47.58 3.07 0.00
BARRETT_IC_5 23708	48.30 3.29 -4.86	40.72 2.85 -2.26	38.23 2.39 -2.10	35.25 2.20 -3.29	33.85 1.93 -4.28	33.23 2.16 -2.31	31.82 2.01 -2.61	33.06 2.14 -3.80	34.42 2.93 0.00	43.97 3.22 -7.16	44.80 3.43 -6.00	48.67 4.06 -5.91	49.98 4.79 -0.40	51.99 4.91 -1.24	55.10 5.03 -3.54	56.24 5.01 -3.02	60.42 5.56 -0.42	74.48 6.52 -0.04	82.92 5.50 0.00	82.21 4.88 0.00	71.13 3.39 0.01	60.78 2.62 0.01	52.16 2.44 0.01	47.58 3.07 0.00

BARRETT_IC_6 23709	48.30 3.29 -4.86	40.72 2.85 -2.26	38.23 2.39 -2.10	35.25 2.20 -3.29	33.85 1.93 -4.28	33.23 2.16 -2.31	31.82 2.01 -2.61	33.06 2.14 -3.80	34.42 2.93 0.00	43.97 3.22 -7.16	44.80 3.43 -6.00	48.67 4.06 -5.91	49.98 4.79 -0.40	51.99 4.91 -1.24	55.10 5.03 -3.54	56.24 5.01 -3.02	60.42 5.56 -0.42	74.48 6.52 -0.04	82.92 5.50 0.00	82.21 4.88 0.00	71.13 3.39 0.01	60.78 2.62 0.01	52.16 2.44 0.01	47.58 3.07 0.00
BARRETT_IC_7 23710	48.30 3.29 -4.86	40.72 2.85 -2.26	38.23 2.39 -2.10	35.25 2.20 -3.29	33.85 1.93 -4.28	33.23 2.16 -2.31	31.77 1.96 -2.61	33.11 2.20 -3.80	34.39 2.90 0.00	43.80 3.06 -7.16	44.80 3.43 -6.00	48.59 3.99 -5.91	49.93 4.75 -0.40	51.99 4.91 -1.24	55.10 5.03 -3.54	56.24 5.01 -3.02	60.41 5.55 -0.42	74.61 6.66 -0.04	82.92 5.50 0.00	82.21 4.87 0.00	71.13 3.39 0.01	60.78 2.62 0.01	52.21 2.49 0.01	47.58 3.07 0.00
BARRETT_IC_8 23711	48.30 3.29 -4.86	40.72 2.85 -2.26	38.23 2.39 -2.10	35.25 2.20 -3.29	33.85 1.93 -4.28	33.23 2.16 -2.31	31.82 2.01 -2.61	33.06 2.14 -3.80	34.42 2.93 0.00	43.97 3.22 -7.16	44.80 3.43 -6.00	48.67 4.06 -5.91	49.98 4.79 -0.40	51.99 4.91 -1.24	55.10 5.03 -3.54	56.24 5.01 -3.02	60.42 5.56 -0.42	74.48 6.52 -0.04	82.92 5.50 0.00	82.21 4.88 0.00	71.13 3.39 0.01	60.78 2.62 0.01	52.16 2.44 0.01	47.58 3.07 0.00
BARRETT_IC_9 23700	48.30 3.29 -4.86	40.72 2.85 -2.26	38.23 2.39 -2.10	35.25 2.20 -3.29	33.85 1.93 -4.28	33.23 2.16 -2.31	31.82 2.01 -2.61	33.06 2.14 -3.80	34.42 2.93 0.00	43.97 3.22 -7.16	44.80 3.43 -6.00	48.67 4.06 -5.91	49.98 4.79 -0.40	51.99 4.91 -1.24	55.10 5.03 -3.54	56.24 5.01 -3.02	60.42 5.56 -0.42	74.48 6.52 -0.04	82.92 5.50 0.00	82.21 4.88 0.00	71.13 3.39 0.01	60.78 2.62 0.01	52.16 2.44 0.01	47.58 3.07 0.00
BARRETT___1 23545	48.30 3.29 -4.86	40.72 2.85 -2.26	38.23 2.39 -2.10	35.25 2.20 -3.29	33.85 1.93 -4.28	33.23 2.16 -2.31	31.82 2.01 -2.61	33.06 2.14 -3.80	34.42 2.93 0.00	43.97 3.22 -7.16	44.80 3.43 -6.00	48.67 4.06 -5.91	49.98 4.79 -0.40	51.99 4.91 -1.24	55.10 5.03 -3.54	56.24 5.01 -3.02	60.42 5.56 -0.42	74.48 6.52 -0.04	82.92 5.50 0.00	82.21 4.88 0.00	71.13 3.39 0.01	60.78 2.62 0.01	52.16 2.44 0.01	47.58 3.07 0.00
BARRETT___2 23546	48.30 3.29 -4.86	40.72 2.85 -2.26	38.23 2.39 -2.10	35.25 2.20 -3.29	33.85 1.93 -4.28	33.23 2.16 -2.31	31.82 2.01 -2.61	33.06 2.14 -3.80	34.42 2.93 0.00	43.97 3.22 -7.16	44.80 3.43 -6.00	48.67 4.06 -5.91	49.98 4.79 -0.40	51.99 4.91 -1.24	55.10 5.03 -3.54	56.24 5.01 -3.02	60.42 5.56 -0.42	74.48 6.52 -0.04	82.92 5.50 0.00	82.21 4.88 0.00	71.13 3.39 0.01	60.78 2.62 0.01	52.16 2.44 0.01	47.58 3.07 0.00
BATAVIA___115KV_TB1 55881	36.27 -3.89 -0.02	32.07 -3.52 0.01	30.87 -3.10 -0.25	27.32 -2.83 -0.38	25.85 -2.29 -0.50	26.51 -2.53 -0.27	25.16 -2.39 -0.35	24.61 -2.52 -0.01	28.74 -2.74 0.01	30.99 -2.59 0.00	32.16 -3.18 0.03	32.02 -3.41 3.27	35.09 -3.85 5.84	36.91 -4.03 4.90	37.93 -4.28 4.32	40.49 -4.10 3.62	45.61 -4.03 4.81	54.19 -5.09 8.64	62.55 -5.03 9.84	67.80 -4.41 5.12	58.61 -4.61 4.54	51.78 -3.96 2.44	43.97 -3.98 1.79	40.20 -3.20 1.11
BAYONEEC___CTG1 323682	48.34 3.33 -4.86	40.61 2.74 -2.26	38.23 2.39 -2.10	35.16 2.11 -3.29	33.91 1.99 -4.28	33.23 2.16 -2.31	31.90 2.09 -2.61	33.17 2.25 -3.80	34.16 2.68 0.00	36.58 2.99 -0.01	38.68 3.29 -0.01	42.72 3.95 -0.07	49.52 4.70 -0.03	53.65 4.91 -2.90	56.51 5.07 -4.90	61.24 5.06 -7.97	65.00 5.61 -4.95	76.34 6.46 -1.96	84.00 6.58 0.00	83.46 6.11 -0.01	72.42 4.67 0.01	61.72 3.55 0.01	53.13 3.38 -0.01	47.81 3.29 -0.01
BAYONEEC___CTG10 323750	48.34 3.33 -4.86	40.61 2.74 -2.26	38.23 2.39 -2.10	35.16 2.11 -3.29	33.91 1.99 -4.28	33.23 2.16 -2.31	31.90 2.09 -2.61	33.17 2.25 -3.80	34.16 2.68 0.00	36.58 2.99 -0.01	38.68 3.29 -0.01	42.72 3.95 -0.07	49.52 4.70 -0.03	53.65 4.91 -2.90	56.51 5.07 -4.90	61.24 5.06 -7.97	65.00 5.61 -4.95	76.34 6.46 -1.96	84.00 6.58 0.00	83.46 6.11 -0.01	72.42 4.67 0.01	61.72 3.55 0.01	53.13 3.38 -0.01	47.81 3.29 -0.01
BAYONEEC___CTG2 323683	48.34 3.33 -4.86	40.61 2.74 -2.26	38.23 2.39 -2.10	35.16 2.11 -3.29	33.91 1.99 -4.28	33.23 2.16 -2.31	31.90 2.09 -2.61	33.17 2.25 -3.80	34.16 2.68 0.00	36.58 2.99 -0.01	38.68 3.29 -0.01	42.72 3.95 -0.07	49.52 4.70 -0.03	53.65 4.91 -2.90	56.51 5.07 -4.90	61.24 5.06 -7.97	65.00 5.61 -4.95	76.34 6.46 -1.96	84.00 6.58 0.00	83.46 6.11 -0.01	72.42 4.67 0.01	61.72 3.55 0.01	53.13 3.38 -0.01	47.81 3.29 -0.01
BAYONEEC___CTG3 323684	48.34 3.33 -4.86	40.61 2.74 -2.26	38.23 2.39 -2.10	35.16 2.11 -3.29	33.91 1.99 -4.28	33.23 2.16 -2.31	31.90 2.09 -2.61	33.17 2.25 -3.80	34.16 2.68 0.00	36.58 2.99 -0.01	38.68 3.29 -0.01	42.72 3.95 -0.07	49.52 4.70 -0.03	53.65 4.91 -2.90	56.51 5.07 -4.90	61.24 5.06 -7.97	65.00 5.61 -4.95	76.34 6.46 -1.96	84.00 6.58 0.00	83.46 6.11 -0.01	72.42 4.67 0.01	61.72 3.55 0.01	53.13 3.38 -0.01	47.81 3.29 -0.01
BAYONEEC___CTG4 323685	48.34 3.33 -4.86	40.61 2.74 -2.26	38.23 2.39 -2.10	35.16 2.11 -3.29	33.91 1.99 -4.28	33.23 2.16 -2.31	31.90 2.09 -2.61	33.17 2.25 -3.80	34.16 2.68 0.00	36.58 2.99 -0.01	38.68 3.29 -0.01	42.72 3.95 -0.07	49.52 4.70 -0.03	53.65 4.91 -2.90	56.51 5.07 -4.90	61.24 5.06 -7.97	65.00 5.61 -4.95	76.34 6.46 -1.96	84.00 6.58 0.00	83.46 6.11 -0.01	72.42 4.67 0.01	61.72 3.55 0.01	53.13 3.38 -0.01	47.81 3.29 -0.01
BAYONEEC___CTG5 323686	48.34 3.33 -4.86	40.61 2.74 -2.26	38.23 2.39 -2.10	35.16 2.11 -3.29	33.91 1.99 -4.28	33.23 2.16 -2.31	31.90 2.09 -2.61	33.17 2.25 -3.80	34.16 2.68 0.00	36.58 2.99 -0.01	38.68 3.29 -0.01	42.72 3.95 -0.07	49.52 4.70 -0.03	53.65 4.91 -2.90	56.51 5.07 -4.90	61.24 5.06 -7.97	65.00 5.61 -4.95	76.34 6.46 -1.96	84.00 6.58 0.00	83.46 6.11 -0.01	72.42 4.67 0.01	61.72 3.55 0.01	53.13 3.38 -0.01	47.81 3.29 -0.01
BAYONEEC___CTG6 323687	48.34 3.33 -4.86	40.61 2.74 -2.26	38.23 2.39 -2.10	35.16 2.11 -3.29	33.91 1.99 -4.28	33.23 2.16 -2.31	31.90 2.09 -2.61	33.17 2.25 -3.80	34.16 2.68 0.00	36.58 2.99 -0.01	38.68 3.29 -0.01	42.72 3.95 -0.07	49.52 4.70 -0.03	53.65 4.91 -2.90	56.51 5.07 -4.90	61.24 5.06 -7.97	65.00 5.61 -4.95	76.34 6.46 -1.96	84.00 6.58 0.00	83.46 6.11 -0.01	72.42 4.67 0.01	61.72 3.55 0.01	53.13 3.38 -0.01	47.81 3.29 -0.01
BAYONEEC___CTG7 323688	48.34 3.33 -4.86	40.61 2.74 -2.26	38.23 2.39 -2.10	35.16 2.11 -3.29	33.91 1.99 -4.28	33.23 2.16 -2.31	31.90 2.09 -2.61	33.17 2.25 -3.80	34.16 2.68 0.00	36.58 2.99 -0.01	38.68 3.29 -0.01	42.72 3.95 -0.07	49.52 4.70 -0.03	53.65 4.91 -2.90	56.51 5.07 -4.90	61.24 5.06 -7.97	65.00 5.61 -4.95	76.34 6.46 -1.96	84.00 6.58 0.00	83.46 6.11 -0.01	72.42 4.67 0.01	61.72 3.55 0.01	53.13 3.38 -0.01	47.81 3.29 -0.01

BAYONEEC___CTG8 323689	48.34 3.33 -4.86	40.61 2.74 -2.26	38.23 2.39 -2.10	35.16 2.11 -3.29	33.91 1.99 -4.28	33.23 2.16 -2.31	31.90 2.09 -2.61	33.17 2.25 -3.80	34.16 2.68 0.00	36.58 2.99 -0.01	38.68 3.29 -0.01	42.72 3.95 -0.07	49.52 4.70 -0.03	53.65 4.91 -2.90	56.51 5.07 -4.90	61.24 5.06 -7.97	65.00 5.61 -4.95	76.34 6.46 -1.96	84.00 6.58 0.00	83.46 6.11 -0.01	72.42 4.67 0.01	61.72 3.55 0.01	53.13 3.38 -0.01	47.81 3.29 -0.01
BAYONEEC___CTG9 323749	48.34 3.33 -4.86	40.61 2.74 -2.26	38.23 2.39 -2.10	35.16 2.11 -3.29	33.91 1.99 -4.28	33.23 2.16 -2.31	31.90 2.09 -2.61	33.17 2.25 -3.80	34.16 2.68 0.00	36.58 2.99 -0.01	38.68 3.29 -0.01	42.72 3.95 -0.07	49.52 4.70 -0.03	53.65 4.91 -2.90	56.51 5.07 -4.90	61.24 5.06 -7.97	65.00 5.61 -4.95	76.34 6.46 -1.96	84.00 6.58 0.00	83.46 6.11 -0.01	72.42 4.67 0.01	61.72 3.55 0.01	53.13 3.38 -0.01	47.81 3.29 -0.01
BAYPORT_69_KV_BK 2 356364	49.34 4.34 -4.86	41.75 3.88 -2.26	39.17 3.34 -2.10	36.14 3.10 -3.29	34.63 2.71 -4.28	34.06 2.99 -2.31	32.47 2.67 -2.61	33.93 3.01 -3.80	35.50 4.00 -0.01	45.02 4.26 -7.17	45.86 4.49 -6.00	49.60 4.99 -5.91	51.19 6.00 -0.40	53.14 6.33 -0.97	54.29 6.51 -1.25	59.72 6.46 -5.04	70.86 7.30 -9.12	82.86 8.76 -6.18	94.20 7.74 -9.04	91.79 6.88 -7.57	72.83 5.08 0.00	61.59 3.43 0.01	52.90 3.18 0.01	48.56 4.05 0.00
BEACON___LESR 323632	47.57 1.44 -5.98	39.66 1.28 -2.78	37.63 1.31 -2.59	34.93 1.13 -4.04	33.98 1.08 -5.26	32.69 1.09 -2.84	31.41 1.01 -3.20	32.76 0.97 -4.67	32.47 0.98 0.00	34.59 1.01 0.00	36.40 1.03 0.00	39.94 1.24 0.00	46.18 1.39 0.00	47.27 1.42 0.00	48.02 1.49 0.00	49.61 1.40 0.00	56.02 1.58 0.00	69.55 1.63 0.00	79.20 1.78 0.00	78.73 1.39 0.00	69.04 1.28 0.00	59.33 1.16 0.00	50.63 0.90 0.00	45.62 1.11 0.00
BEAVER RIVER___HYD 24048	39.80 -0.52 -0.18	35.26 -0.43 -0.08	33.53 -0.27 -0.08	29.73 -0.15 -0.12	27.74 -0.06 -0.16	28.91 0.06 -0.08	27.27 -0.03 -0.09	27.17 -0.08 -0.14	31.33 -0.16 0.00	33.41 -0.17 0.00	34.88 -0.50 0.00	38.19 -0.50 0.00	43.98 -0.80 0.00	44.84 -1.01 0.00	45.46 -1.07 0.00	47.25 -0.96 0.00	53.63 -0.82 0.00	67.45 -0.47 0.00	77.98 0.39 -0.17	79.06 1.47 -0.26	69.46 1.56 -0.15	59.79 1.28 -0.34	51.04 1.05 -0.26	45.58 0.84 -0.22
BEEBEE_GT_13 23619	38.10 -2.45 -0.41	33.58 -2.21 -0.18	32.09 -1.89 -0.25	28.39 -1.76 -0.39	26.79 -1.35 -0.51	27.51 -1.52 -0.27	26.09 -1.41 -0.30	25.94 -1.49 -0.32	29.88 -1.61 0.00	32.14 -1.44 0.00	33.49 -1.87 0.01	34.93 -2.52 1.25	39.13 -2.87 2.80	40.19 -2.98 2.68	40.74 -3.12 2.68	42.78 -2.89 2.54	48.43 -2.61 3.40	58.23 -3.74 5.96	67.76 -3.95 5.71	70.52 -3.09 3.73	61.51 -2.57 3.67	53.87 -2.15 2.15	45.67 -2.34 1.72	41.42 -1.91 1.17
BENSHRST_27_KV_BENSHRST_1 355998	48.95 3.93 -4.87	41.15 3.28 -2.27	38.71 2.87 -2.11	35.56 2.50 -3.29	34.30 2.38 -4.28	33.61 2.53 -2.31	32.24 2.42 -2.61	33.53 2.60 -3.81	34.51 3.02 0.00	36.92 3.32 -0.02	39.18 3.78 -0.02	42.96 4.18 -0.08	50.10 5.29 -0.03	54.41 5.32 -3.25	57.61 5.58 -5.50	62.59 5.45 -8.93	65.98 5.99 -5.55	77.25 7.13 -2.20	84.93 7.51 0.00	84.31 6.96 -0.01	73.24 5.49 0.01	62.60 4.42 0.00	53.82 4.08 -0.01	48.44 3.92 -0.02
BETHLEHEM___GRP 23843	47.05 0.92 -5.98	39.24 0.85 -2.78	37.26 0.94 -2.59	34.64 0.83 -4.04	33.71 0.80 -5.26	32.41 0.81 -2.84	31.17 0.76 -3.20	32.52 0.73 -4.67	32.12 0.63 0.00	34.08 0.50 0.00	36.01 0.64 0.00	39.47 0.77 0.00	45.64 0.85 0.00	46.76 0.92 0.00	47.46 0.93 0.00	48.98 0.77 0.00	55.31 0.87 0.00	68.60 0.68 0.00	77.96 0.54 0.00	77.57 0.23 0.00	68.03 0.27 0.00	58.46 0.29 0.00	49.98 0.25 0.00	45.04 0.53 0.00
BETHLEHEM___GS1 323560	47.05 0.92 -5.98	39.24 0.85 -2.78	37.26 0.94 -2.59	34.64 0.83 -4.04	33.71 0.80 -5.26	32.41 0.80 -2.84	31.14 0.73 -3.20	32.52 0.73 -4.67	32.12 0.63 0.00	34.22 0.64 0.00	36.01 0.64 0.00	39.47 0.77 0.00	45.64 0.85 0.00	46.76 0.92 0.00	47.46 0.93 0.00	48.98 0.77 0.00	55.31 0.87 0.00	68.60 0.68 0.00	77.97 0.55 0.00	77.57 0.23 0.00	68.03 0.27 0.00	58.46 0.29 0.00	49.93 0.20 0.00	45.05 0.54 0.00
BETHLEHEM___GS2 323561	47.05 0.92 -5.98	39.24 0.85 -2.78	37.26 0.94 -2.59	34.64 0.83 -4.04	33.71 0.80 -5.26	32.41 0.80 -2.84	31.14 0.73 -3.20	32.52 0.73 -4.67	32.12 0.63 0.00	34.22 0.64 0.00	36.01 0.64 0.00	39.47 0.77 0.00	45.64 0.85 0.00	46.76 0.92 0.00	47.46 0.93 0.00	48.98 0.77 0.00	55.31 0.87 0.00	68.60 0.68 0.00	77.97 0.55 0.00	77.57 0.23 0.00	68.03 0.27 0.00	58.46 0.29 0.00	49.93 0.20 0.00	45.05 0.54 0.00
BETHLEHEM___GS3 323562	47.05 0.92 -5.98	39.24 0.85 -2.78	37.26 0.94 -2.59	34.64 0.83 -4.04	33.71 0.80 -5.26	32.41 0.80 -2.84	31.14 0.73 -3.20	32.52 0.73 -4.67	32.12 0.63 0.00	34.22 0.64 0.00	36.01 0.64 0.00	39.47 0.77 0.00	45.64 0.85 0.00	46.76 0.92 0.00	47.46 0.93 0.00	48.98 0.77 0.00	55.31 0.87 0.00	68.60 0.68 0.00	77.97 0.55 0.00	77.57 0.23 0.00	68.03 0.27 0.00	58.46 0.29 0.00	49.93 0.20 0.00	45.05 0.54 0.00
BETHLEHEM___STEEL 23779	34.93 -4.90 0.31	31.06 -4.38 0.17	30.05 -3.95 -0.27	26.61 -3.57 -0.42	25.09 -3.10 -0.54	25.75 -3.31 -0.30	24.54 -3.07 -0.41	23.70 -3.17 0.24	28.20 -3.27 0.01	30.49 -3.09 0.00	31.68 -3.64 0.05	30.06 -3.56 5.08	32.25 -3.99 8.55	34.89 -4.08 6.87	36.54 -4.23 5.76	38.79 -4.82 4.60	42.85 -5.55 6.04	50.95 -5.98 10.99	58.90 -5.42 13.11	63.96 -7.04 6.34	55.99 -6.57 5.20	49.81 -5.76 2.61	42.57 -5.42 1.75	39.04 -4.45 1.02
BETHLHEM_115KV_TB1 79974	47.13 1.00 -5.98	39.27 0.89 -2.78	37.29 0.98 -2.59	34.63 0.83 -4.04	33.70 0.80 -5.26	32.41 0.81 -2.83	31.16 0.76 -3.20	32.52 0.73 -4.67	32.18 0.69 0.00	34.15 0.57 0.00	36.08 0.71 0.00	39.55 0.85 0.00	45.73 0.94 0.00	46.85 1.01 0.00	47.56 1.02 0.00	49.13 0.92 0.00	55.42 0.98 0.00	68.80 0.88 0.00	78.12 0.70 0.00	77.72 0.39 0.00	68.23 0.47 0.00	58.58 0.41 0.00	50.08 0.35 0.00	45.13 0.62 0.00
BETHPAGE_CC_5 323564	48.70 3.69 -4.86	41.07 3.21 -2.26	38.56 2.73 -2.10	35.55 2.50 -3.29	34.13 2.21 -4.28	33.52 2.44 -2.31	32.09 2.29 -2.61	33.36 2.44 -3.80	34.79 3.31 0.00	44.41 3.66 -7.16	45.19 3.82 -6.00	49.05 4.45 -5.91	50.47 5.28 -0.40	52.27 5.45 -0.98	53.39 5.49 -1.38	56.70 5.45 -3.04	60.96 5.93 -0.58	74.82 6.86 -0.04	83.30 5.88 0.00	82.60 5.26 0.00	71.26 3.52 0.01	60.66 2.50 0.01	52.16 2.44 0.01	47.89 3.38 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.96 -4.94 0.25	31.02 -4.45 0.14	29.99 -4.01 -0.28	26.56 -3.63 -0.43	25.05 -3.15 -0.56	25.70 -3.37 -0.30	24.46 -3.16 -0.41	23.70 -3.23 0.19	28.20 -3.27 0.01	30.49 -3.09 0.00	31.75 -3.57 0.05	30.53 -3.33 4.84	32.90 -3.72 8.17	35.50 -3.76 6.58	37.08 -3.91 5.54	39.05 -4.72 4.44	43.00 -5.61 5.83	51.61 -5.71 10.61	60.07 -4.80 12.55	64.16 -7.04 6.13	56.12 -6.57 5.06	49.80 -5.82 2.56	42.53 -5.47 1.73	39.00 -4.50 1.01

BINGHAMTON___COGEN 23790	41.31 -0.56 -1.72	35.88 -0.53 -0.81	33.97 -0.44 -0.68	30.40 -0.42 -1.06	28.72 -0.30 -1.38	29.16 -0.35 -0.74	27.73 -0.33 -0.85	28.14 -0.33 -1.35	31.21 -0.28 0.00	33.55 -0.03 0.00	35.31 -0.07 -0.01	39.33 -0.04 -0.67	45.64 0.00 -0.85	46.35 0.00 -0.51	46.78 0.00 -0.25	48.09 -0.14 -0.03	54.28 -0.16 -0.01	67.91 -0.14 -0.13	78.65 0.23 -1.00	77.51 0.00 -0.18	67.38 -0.14 0.24	57.98 -0.17 0.02	49.30 -0.30 0.14	44.27 -0.22 0.02
BIXINCNT_115KV_LOAD 355685	34.71 -5.54 -0.10	30.73 -4.91 -0.03	29.51 -4.52 -0.30	26.30 -3.93 -0.47	24.71 -3.54 -0.60	25.44 -3.65 -0.33	24.27 -3.37 -0.44	23.84 -3.36 -0.08	28.17 -3.31 0.01	30.32 -3.26 0.00	31.69 -3.64 0.03	32.22 -2.98 3.50	35.30 -3.40 6.08	37.44 -3.39 5.01	38.81 -3.40 4.33	40.05 -4.58 3.58	43.79 -5.93 4.72	54.25 -5.16 8.51	64.33 -3.48 9.61	65.28 -7.04 5.02	56.84 -6.57 4.35	49.94 -5.93 2.30	42.47 -5.62 1.65	38.78 -4.76 0.96
BLACK RIVER___HYD 24047	40.43 0.04 -0.25	35.79 0.07 -0.12	34.07 0.24 -0.11	30.20 0.27 -0.17	28.14 0.28 -0.22	29.29 0.40 -0.12	27.58 0.24 -0.13	27.48 0.16 -0.19	31.62 0.13 0.00	33.71 0.13 0.00	35.09 -0.28 0.00	38.47 -0.23 0.00	44.21 -0.58 0.00	44.97 -0.87 0.00	45.46 -1.07 0.00	47.29 -0.92 0.00	53.68 -0.76 0.00	67.58 -0.34 0.00	78.64 0.93 -0.29	79.94 2.16 -0.45	70.24 2.23 -0.25	60.56 1.81 -0.59	51.61 1.44 -0.44	46.09 1.20 -0.38
BLACKRVR_115KV_TB2 79977	40.43 0.04 -0.25	35.79 0.07 -0.12	34.07 0.24 -0.11	30.20 0.27 -0.17	28.14 0.28 -0.22	29.29 0.40 -0.12	27.58 0.24 -0.13	27.48 0.16 -0.19	31.61 0.13 0.00	33.78 0.20 0.00	35.09 -0.28 0.00	38.51 -0.19 0.00	44.21 -0.58 0.00	44.97 -0.87 0.00	45.46 -1.07 0.00	47.29 -0.92 0.00	53.68 -0.76 0.00	67.58 -0.34 0.00	78.64 0.93 -0.29	79.95 2.17 -0.45	70.17 2.17 -0.25	60.56 1.80 -0.59	51.56 1.39 -0.44	46.09 1.20 -0.38
BLISS_WT_PWR 323608	34.55 -5.70 -0.10	30.58 -5.06 -0.03	29.41 -4.62 -0.30	26.21 -4.02 -0.47	24.63 -3.62 -0.60	25.41 -3.68 -0.33	24.22 -3.43 -0.44	23.81 -3.39 -0.08	28.14 -3.34 0.01	31.02 -2.55 0.00	31.62 -3.71 0.03	32.10 -3.10 3.50	35.12 -3.58 6.08	37.34 -3.49 5.01	38.71 -3.49 4.33	39.96 -4.68 3.58	43.68 -6.04 4.72	52.89 -6.52 8.51	64.25 -3.56 9.61	65.13 -7.19 5.02	56.90 -6.50 4.35	49.94 -5.93 2.30	42.47 -5.62 1.65	38.79 -4.76 0.96
BLUESTONE___WT_PWR 323821	43.01 1.00 -1.86	37.33 0.85 -0.87	35.34 0.88 -0.73	31.68 0.77 -1.15	29.88 0.75 -1.49	30.37 0.80 -0.80	28.45 0.33 -0.92	28.84 0.27 -1.46	31.84 0.35 0.00	34.15 0.57 0.00	35.66 0.28 -0.01	39.83 0.43 -0.70	45.91 0.18 -0.94	46.39 -0.05 -0.59	46.68 -0.19 -0.33	48.12 -0.19 -0.10	54.55 0.00 -0.11	68.57 0.34 -0.31	80.20 1.63 -1.15	79.45 1.85 -0.26	69.32 1.69 0.13	59.58 1.39 -0.01	50.72 1.09 0.11	45.61 1.11 0.01
BLUE_CIRC_CHEM_DRP 24182	47.41 1.36 -5.90	39.56 1.21 -2.74	37.46 1.18 -2.55	34.76 1.01 -3.99	33.80 0.97 -5.19	32.54 0.98 -2.80	31.26 0.90 -3.16	32.57 0.84 -4.61	32.31 0.82 0.00	34.28 0.71 0.00	36.19 0.81 0.00	39.63 0.93 0.00	45.86 1.07 0.00	46.99 1.15 0.00	47.74 1.21 0.00	49.32 1.11 0.00	55.75 1.31 0.00	69.28 1.36 0.00	78.97 1.55 0.00	78.65 1.31 0.00	69.04 1.29 0.00	59.34 1.16 0.00	50.73 0.99 0.00	45.62 1.11 0.00
BOC_GAS_DRP 24189	47.18 1.08 -5.95	39.33 0.96 -2.77	37.21 0.91 -2.58	34.59 0.80 -4.02	33.65 0.77 -5.24	32.40 0.81 -2.82	31.15 0.76 -3.19	32.53 0.76 -4.65	32.31 0.82 0.00	34.32 0.74 0.00	36.26 0.88 0.00	39.74 1.04 0.00	45.95 1.16 0.00	47.08 1.24 0.00	47.83 1.30 0.00	49.42 1.21 0.00	55.75 1.31 0.00	69.21 1.29 0.00	78.66 1.24 0.00	78.26 0.93 0.00	68.57 0.81 0.00	58.93 0.76 0.00	50.43 0.70 0.00	45.35 0.85 0.00
BOONVILLE_115KV_TB1 79983	40.38 0.08 -0.15	35.78 0.11 -0.07	33.96 0.17 -0.07	30.07 0.21 -0.10	28.03 0.25 -0.13	29.16 0.32 -0.07	27.53 0.24 -0.08	27.48 0.24 -0.12	31.74 0.25 0.00	33.88 0.30 0.00	35.48 0.11 0.00	38.85 0.15 0.00	44.83 0.04 0.00	45.80 -0.05 0.00	46.39 -0.14 0.00	48.11 -0.10 0.00	54.55 0.11 0.00	68.33 0.41 0.00	78.51 1.01 -0.08	79.01 1.55 -0.13	69.32 1.49 -0.07	59.56 1.22 -0.17	50.85 0.99 -0.13	45.51 0.89 -0.11
BORALEX_4TH_BRANCH 23824	48.53 2.37 -6.02	40.54 2.14 -2.80	38.25 1.92 -2.60	35.52 1.70 -4.07	34.51 1.58 -5.29	33.17 1.55 -2.85	31.92 1.50 -3.22	33.20 1.38 -4.70	33.22 1.73 0.00	34.99 1.41 0.00	37.03 1.66 0.00	40.60 1.90 0.00	46.76 1.97 0.00	47.91 2.06 0.00	48.72 2.19 0.00	50.33 2.12 0.00	56.89 2.45 0.00	70.43 2.51 0.00	79.82 2.40 0.00	79.11 1.78 0.00	69.79 2.03 0.00	60.15 1.98 0.00	51.28 1.54 0.00	46.02 1.51 0.00
BOWLINE___1 23526	47.51 2.65 -4.71	40.00 2.21 -2.19	37.65 1.89 -2.04	34.64 1.70 -3.18	33.36 1.57 -4.14	32.70 1.70 -2.23	31.39 1.66 -2.52	32.59 1.79 -3.68	33.60 2.11 0.00	35.96 2.38 0.00	38.03 2.65 0.00	41.91 3.21 0.00	48.64 3.85 0.00	49.79 3.94 0.00	50.63 4.10 0.00	52.26 4.05 0.00	58.85 4.41 0.00	72.88 4.96 0.00	82.53 5.11 0.00	81.97 4.64 0.00	71.14 3.39 0.01	60.84 2.68 0.01	52.21 2.49 0.01	47.05 2.54 0.00
BOWLINE___2 23595	47.51 2.65 -4.71	40.01 2.21 -2.19	37.65 1.89 -2.04	34.64 1.70 -3.18	33.36 1.57 -4.14	32.70 1.70 -2.23	31.39 1.66 -2.52	32.59 1.79 -3.68	33.60 2.11 0.00	35.96 2.38 0.00	38.03 2.65 0.00	41.91 3.21 0.00	48.64 3.85 0.00	49.83 3.99 0.00	50.67 4.14 0.00	52.31 4.10 0.00	58.91 4.47 0.00	72.95 5.03 0.00	82.61 5.19 0.00	82.05 4.72 0.00	71.27 3.52 0.01	60.90 2.73 0.01	52.26 2.54 0.01	47.09 2.58 0.00
BRADY___115KV_TB2 356060	40.10 -0.04 0.00	35.64 0.04 0.00	33.69 -0.03 0.00	29.82 0.06 0.00	27.59 -0.06 0.00	28.80 0.03 0.00	27.18 -0.03 0.00	27.04 -0.08 0.00	31.30 -0.19 0.00	33.38 -0.20 0.00	35.09 -0.28 0.00	38.51 -0.19 0.00	44.43 -0.36 0.00	45.39 -0.46 0.00	45.97 -0.56 0.00	47.83 -0.39 0.00	53.90 -0.54 0.00	67.78 -0.14 0.00	77.81 0.39 0.00	78.26 0.93 0.00	68.77 1.02 0.00	58.99 0.81 0.00	50.53 0.80 0.00	45.09 0.58 0.00
BRANSCOMB___SOLAR 323811	48.71 2.41 -6.15	40.57 2.10 -2.86	38.31 1.92 -2.66	35.56 1.64 -4.16	34.66 1.60 -5.41	33.30 1.61 -2.92	31.97 1.47 -3.30	33.31 1.38 -4.81	32.97 1.48 0.00	35.06 1.48 0.00	36.75 1.38 0.00	40.29 1.59 0.00	46.53 1.75 0.00	47.59 1.74 0.00	48.39 1.86 0.00	50.14 1.93 0.00	56.89 2.45 0.00	70.84 2.92 0.00	80.99 3.56 0.00	80.58 3.25 0.00	70.87 3.12 0.00	60.96 2.79 0.00	51.97 2.24 0.00	46.60 2.09 0.00
BRDGHMPT_69_KV_BK1 55812	49.06 4.05 -4.86	41.50 3.63 -2.26	38.90 3.07 -2.10	36.05 3.01 -3.29	34.57 2.65 -4.28	34.01 2.93 -2.31	32.45 2.64 -2.61	34.01 3.09 -3.80	35.81 4.31 -0.01	45.35 4.60 -7.17	46.00 4.63 -6.00	49.60 4.99 -5.91	51.14 5.96 -0.40	53.32 6.51 -0.97	54.55 6.79 -1.23	60.27 6.80 -5.26	72.20 7.68 -10.08	83.67 8.97 -6.78	95.25 7.90 -9.93	92.69 7.04 -8.32	72.97 5.22 0.00	61.18 3.02 0.01	52.51 2.79 0.01	48.20 3.69 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	48.98 3.97 -4.86	41.39 3.52 -2.26	38.83 3.00 -2.10	35.85 2.80 -3.29	34.35 2.43 -4.28	33.75 2.68 -2.31	32.20 2.39 -2.61	33.63 2.71 -3.80	35.11 3.62 0.00	44.57 3.83 -7.17	45.44 4.07 -6.00	49.25 4.64 -5.91	50.69 5.51 -0.40	52.49 5.68 -0.96	53.59 5.82 -1.25	57.92 5.79 -3.93	64.09 6.37 -3.28	79.46 7.61 -3.93	89.58 6.43 -5.73	87.78 5.65 -4.80	71.74 4.00 0.01	61.01 2.85 0.01	52.46 2.74 0.01	48.16 3.65 0.00
BRISTLHL_115KV_TB1 79998	39.37 -1.16 -0.39	34.79 -1.00 -0.18	33.09 -0.81 -0.17	29.25 -0.77 -0.26	27.35 -0.64 -0.34	28.26 -0.69 -0.18	26.73 -0.68 -0.21	26.71 -0.71 -0.30	30.73 -0.76 0.00	32.84 -0.74 0.00	34.42 -0.96 0.00	37.73 -1.28 -0.31	44.36 -1.48 -1.05	45.52 -1.51 -1.19	46.28 -1.58 -1.33	48.05 -1.54 -1.38	54.63 -1.69 -1.87	68.82 -2.31 -3.21	78.30 -2.48 -3.36	78.32 -2.17 -3.15	68.74 -1.83 -2.82	59.30 -1.63 -2.76	50.48 -1.44 -2.19	44.89 -1.29 -1.68
BROOKHAVEN___DRP 24191	48.94 3.93 -4.86	41.39 3.52 -2.26	38.87 3.04 -2.10	35.88 2.83 -3.29	34.41 2.49 -4.28	33.81 2.73 -2.31	32.26 2.45 -2.61	33.71 2.79 -3.80	35.24 3.75 -0.01	44.68 3.93 -7.17	45.37 4.00 -6.00	48.94 4.33 -5.91	50.38 5.20 -0.40	52.31 5.50 -0.97	53.48 5.72 -1.23	59.10 5.64 -5.25	70.79 6.32 -10.03	82.10 7.40 -6.77	93.53 6.19 -9.91	91.05 5.41 -8.31	71.75 4.00 0.00	60.54 2.39 0.01	52.31 2.59 0.01	48.11 3.61 0.00
BROOKLYN_NAVY_YARD 23515	48.34 3.33 -4.86	40.65 2.78 -2.26	38.23 2.39 -2.10	35.16 2.11 -3.29	33.91 1.99 -4.28	33.23 2.16 -2.31	31.90 2.09 -2.61	33.17 2.25 -3.80	34.20 2.71 0.00	36.62 3.02 -0.01	38.64 3.25 -0.01	42.68 3.91 -0.07	49.52 4.70 -0.03	53.60 4.86 -2.90	56.50 5.07 -4.90	61.23 5.06 -7.96	64.94 5.56 -4.94	76.34 6.46 -1.96	84.00 6.58 0.00	83.46 6.11 -0.01	72.42 4.67 0.01	61.72 3.55 0.01	53.17 3.43 -0.01	47.86 3.34 -0.01
BROOKLYN___ARMY_DRP 323595	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.13 2.31 -2.61	33.42 2.49 -3.81	34.35 2.87 0.00	36.75 3.16 -0.02	39.00 3.61 -0.02	42.73 3.95 -0.08	49.84 5.02 -0.03	54.14 5.04 -3.25	57.33 5.30 -5.50	62.26 5.11 -8.93	65.65 5.66 -5.55	76.85 6.72 -2.20	84.39 6.97 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.25 4.07 0.00	53.52 3.78 -0.01	48.22 3.69 -0.02
BROOME_2_LFGE 323671	41.31 -0.56 -1.72	35.88 -0.53 -0.81	33.97 -0.44 -0.68	30.40 -0.42 -1.06	28.72 -0.30 -1.38	29.17 -0.34 -0.74	27.73 -0.33 -0.85	28.14 -0.32 -1.35	31.21 -0.28 0.00	33.61 0.03 0.00	35.31 -0.07 -0.01	39.37 0.00 -0.67	45.60 -0.04 -0.85	46.35 0.00 -0.51	46.74 -0.05 -0.25	48.09 -0.14 -0.03	54.28 -0.16 -0.01	67.78 -0.27 -0.13	78.65 0.23 -1.00	77.43 -0.08 -0.18	67.38 -0.14 0.24	57.98 -0.17 0.02	49.30 -0.30 0.14	44.27 -0.22 0.02
BROOME___LFGE 323600	41.31 -0.56 -1.72	35.88 -0.53 -0.81	33.97 -0.44 -0.68	30.40 -0.42 -1.06	28.72 -0.30 -1.38	29.17 -0.34 -0.74	27.73 -0.33 -0.85	28.14 -0.32 -1.35	31.21 -0.28 0.00	33.61 0.03 0.00	35.31 -0.07 -0.01	39.37 0.00 -0.67	45.60 -0.04 -0.85	46.35 0.00 -0.51	46.74 -0.05 -0.25	48.09 -0.14 -0.03	54.28 -0.16 -0.01	67.78 -0.27 -0.13	78.65 0.23 -1.00	77.43 -0.08 -0.18	67.38 -0.14 0.24	57.98 -0.17 0.02	49.30 -0.30 0.14	44.27 -0.22 0.02
BROWNFLS_115KV_TB 3_5 80003	39.66 -0.60 -0.12	35.20 -0.46 -0.06	33.38 -0.40 -0.05	29.58 -0.27 -0.08	27.50 -0.25 -0.11	28.68 -0.14 -0.06	27.08 -0.19 -0.06	26.97 -0.24 -0.09	31.14 -0.35 0.00	33.24 -0.34 0.00	34.77 -0.60 0.00	38.16 -0.54 0.00	43.94 -0.85 0.00	44.88 -0.96 0.00	45.46 -1.07 0.00	47.20 -1.01 0.00	53.41 -1.03 0.00	67.17 -0.75 0.00	77.46 -0.08 -0.11	78.28 0.77 -0.18	68.80 0.95 -0.10	59.16 0.76 -0.23	50.55 0.65 -0.17	45.10 0.45 -0.15
BROWNSV1_27_KV_LOAD 356125	48.74 3.73 -4.86	40.96 3.10 -2.26	38.53 2.70 -2.10	35.43 2.38 -3.29	34.16 2.24 -4.28	33.46 2.39 -2.31	32.12 2.31 -2.61	33.41 2.49 -3.80	34.42 2.93 0.00	36.75 3.16 -0.01	39.03 3.64 -0.01	43.03 4.26 -0.07	49.97 5.15 -0.03	54.15 5.41 -2.90	57.02 5.58 -4.90	61.77 5.59 -7.96	65.59 6.21 -4.94	77.29 7.40 -1.96	84.93 7.51 0.00	84.39 7.04 -0.01	73.24 5.49 0.01	62.41 4.25 0.01	53.67 3.93 -0.01	48.26 3.74 -0.01
BURROWS___LYONSDAL 23803	40.14 -0.16 -0.16	35.54 -0.14 -0.07	33.76 -0.03 -0.07	29.90 0.03 -0.11	27.89 0.11 -0.14	29.04 0.20 -0.07	27.45 0.16 -0.08	27.38 0.14 -0.12	31.61 0.13 0.00	33.71 0.13 0.00	35.27 -0.11 0.00	38.66 -0.04 0.00	44.56 -0.22 0.00	45.48 -0.37 0.00	46.11 -0.42 0.00	47.87 -0.34 0.00	54.28 -0.16 0.00	68.06 0.14 0.00	78.30 0.77 -0.10	79.04 1.55 -0.15	69.33 1.49 -0.09	59.60 1.22 -0.20	50.88 0.99 -0.15	45.49 0.85 -0.13
CAITHNESS_CC_1 323624	48.83 3.82 -4.86	41.32 3.45 -2.26	38.80 2.97 -2.10	35.82 2.77 -3.29	34.32 2.40 -4.28	33.75 2.68 -2.31	32.28 2.48 -2.61	33.55 2.63 -3.80	35.18 3.68 -0.01	44.71 3.96 -7.17	45.23 3.86 -6.00	48.94 4.33 -5.91	50.33 5.15 -0.40	52.22 5.41 -0.97	53.34 5.58 -1.23	58.95 5.49 -5.24	70.58 6.15 -9.99	81.61 6.93 -6.76	93.28 5.96 -9.90	90.89 5.26 -8.29	71.34 3.59 0.00	60.49 2.33 0.01	52.11 2.39 0.01	47.98 3.47 0.00
CALPINE BETH_PAGE_GT4 24209	48.70 3.69 -4.86	41.07 3.20 -2.26	38.53 2.70 -2.10	35.55 2.50 -3.29	34.13 2.21 -4.28	33.49 2.42 -2.31	32.01 2.20 -2.61	33.41 2.49 -3.80	34.76 3.27 0.00	44.14 3.39 -7.16	45.08 3.71 -6.00	48.94 4.33 -5.91	50.34 5.15 -0.40	52.24 5.41 -0.99	53.51 5.49 -1.49	56.69 5.45 -3.03	60.87 5.88 -0.55	75.02 7.06 -0.04	83.31 5.88 0.00	82.52 5.18 0.00	71.33 3.59 0.01	60.66 2.50 0.01	52.26 2.54 0.01	47.80 3.29 0.00
CALPINE_BETH_PAGE_GT_4 323586	48.70 3.69 -4.86	41.07 3.21 -2.26	38.53 2.70 -2.10	35.55 2.50 -3.29	34.13 2.21 -4.28	33.52 2.44 -2.31	32.09 2.29 -2.61	33.33 2.41 -3.80	34.79 3.31 0.00	44.37 3.63 -7.16	45.19 3.82 -6.00	49.02 4.41 -5.91	50.38 5.19 -0.40	52.24 5.41 -0.99	53.51 5.49 -1.49	56.69 5.45 -3.03	60.87 5.88 -0.55	74.82 6.86 -0.04	83.30 5.88 0.00	82.52 5.18 0.00	71.26 3.52 0.01	60.66 2.50 0.01	52.21 2.49 0.01	47.80 3.29 0.00
CALPINE_BP_GT1 23823	48.70 3.69 -4.86	41.07 3.21 -2.26	38.53 2.70 -2.10	35.55 2.50 -3.29	34.13 2.21 -4.28	33.52 2.44 -2.31	32.09 2.29 -2.61	33.33 2.41 -3.80	34.79 3.31 0.00	44.37 3.63 -7.16	45.19 3.82 -6.00	49.02 4.41 -5.91	50.38 5.19 -0.40	52.24 5.41 -0.99	53.51 5.49 -1.49	56.69 5.45 -3.03	60.87 5.88 -0.55	74.82 6.86 -0.04	83.30 5.88 0.00	82.52 5.18 0.00	71.26 3.52 0.01	60.66 2.50 0.01	52.21 2.49 0.01	47.80 3.29 0.00
CALSPAN___DRP 24200	34.93 -4.90 0.31	31.06 -4.38 0.17	30.05 -3.95 -0.27	26.61 -3.57 -0.42	25.09 -3.10 -0.54	25.75 -3.31 -0.30	24.54 -3.07 -0.41	23.70 -3.17 0.24	28.20 -3.27 0.01	30.49 -3.09 0.00	31.68 -3.64 0.05	30.06 -3.56 5.08	32.25 -3.99 8.55	34.89 -4.08 6.87	36.54 -4.23 5.76	38.79 -4.82 4.60	42.85 -5.55 6.04	50.95 -5.98 10.99	58.90 -5.42 13.11	63.96 -7.04 6.34	55.99 -6.57 5.20	49.81 -5.76 2.61	42.57 -5.42 1.75	39.04 -4.45 1.02

CALVERTON___SOLAR 323806	49.02 4.01 -4.86	41.46 3.59 -2.26	38.93 3.10 -2.10	35.97 2.92 -3.29	34.46 2.54 -4.28	33.89 2.82 -2.31	32.42 2.61 -2.61	33.71 2.79 -3.80	35.37 3.87 -0.01	44.92 4.16 -7.17	45.33 3.96 -6.00	49.02 4.41 -5.91	50.47 5.28 -0.40	52.45 5.64 -0.97	53.62 5.86 -1.23	59.30 5.83 -5.25	70.97 6.48 -10.05	81.97 7.27 -6.78	93.77 6.42 -9.92	91.37 5.72 -8.31	71.68 3.93 0.00	60.66 2.50 0.01	52.30 2.58 0.01	48.20 3.69 0.00
CANDIGU_WT_PWR 323617	33.04 -2.65 4.45	30.97 -2.42 2.22	32.03 -2.09 -0.39	28.44 -1.93 -0.61	26.89 -1.55 -0.80	27.50 -1.70 -0.43	26.13 -1.60 -0.53	21.85 -1.79 3.48	29.53 -1.89 0.07	31.80 -1.78 0.00	32.95 -2.16 0.27	11.61 -2.20 24.88	3.50 -2.60 38.69	14.29 -2.57 28.98	21.75 -2.60 22.18	29.76 -2.89 15.56	31.14 -3.21 20.09	26.25 -3.60 38.07	20.61 -2.25 54.57	54.71 -2.63 19.99	52.96 -2.23 12.56	51.86 -2.09 4.22	46.46 -2.24 1.04	42.06 -1.87 0.58
CARR STREET_E_SYR 24060	39.70 -0.88 -0.44	35.06 -0.75 -0.21	33.35 -0.57 -0.19	29.49 -0.57 -0.30	27.59 -0.44 -0.39	28.49 -0.49 -0.21	26.95 -0.49 -0.24	26.95 -0.52 -0.35	30.98 -0.51 0.00	33.01 -0.57 0.00	34.74 -0.64 0.00	37.63 -0.89 0.18	43.10 -1.08 0.61	44.10 -1.05 0.69	44.64 -1.12 0.78	46.30 -1.11 0.81	52.26 -1.09 1.09	64.62 -1.43 1.87	74.44 -1.63 1.35	75.05 -1.39 0.90	65.49 -1.15 1.12	56.75 -1.05 0.37	48.38 -0.99 0.36	43.44 -0.89 0.18
CARTHAGE___PAPER 23857	40.17 -0.20 -0.22	35.57 -0.14 -0.10	33.79 -0.03 -0.10	29.97 0.06 -0.15	27.95 0.11 -0.19	29.10 0.23 -0.11	27.46 0.14 -0.12	27.34 0.05 -0.17	31.49 0.00 0.00	33.55 -0.03 0.00	34.95 -0.42 0.00	38.31 -0.39 0.00	44.07 -0.72 0.00	44.93 -0.92 0.00	45.51 -1.02 0.00	47.29 -0.92 0.00	53.68 -0.76 0.00	67.58 -0.34 0.00	78.44 0.77 -0.24	79.64 1.93 -0.37	69.93 1.97 -0.21	60.29 1.63 -0.49	51.44 1.34 -0.37	45.89 1.07 -0.32
CASSADAGA_WT_PWR 323784	35.41 -4.74 -0.01	31.36 -4.24 0.01	30.11 -3.91 -0.29	26.77 -3.45 -0.46	25.28 -2.96 -0.59	26.01 -3.08 -0.32	24.84 -2.80 -0.43	24.28 -2.85 -0.01	28.61 -2.87 0.01	31.26 -2.32 0.00	32.26 -3.08 0.04	32.13 -2.71 3.86	35.05 -3.09 6.65	37.34 -3.07 5.44	38.67 -3.21 4.65	40.30 -4.10 3.81	44.47 -4.95 5.02	53.75 -5.10 9.07	63.96 -3.02 10.44	66.53 -5.49 5.32	58.07 -5.15 4.54	50.98 -4.83 2.36	43.24 -4.82 1.67	39.49 -4.05 0.97
CE_DUNWOOD___DRP 24194	47.97 2.97 -4.85	40.32 2.46 -2.26	37.95 2.12 -2.10	34.95 1.90 -3.28	33.68 1.77 -4.27	32.97 1.90 -2.30	31.65 1.85 -2.60	32.89 1.98 -3.79	33.82 2.33 0.00	36.10 2.52 0.00	38.27 2.90 0.00	42.14 3.44 0.00	48.95 4.17 0.00	50.26 4.36 -0.06	51.19 4.56 -0.10	52.86 4.48 -0.16	59.50 4.95 -0.10	73.80 5.84 -0.04	83.23 5.81 0.00	82.75 5.41 0.00	71.81 4.07 0.01	61.31 3.14 0.01	52.66 2.93 0.01	47.40 2.89 0.00
CE_MILLWOOD___DRP 24193	47.83 2.85 -4.83	40.24 2.39 -2.25	37.88 2.06 -2.09	34.84 1.82 -3.27	33.61 1.71 -4.25	32.90 1.84 -2.29	31.59 1.80 -2.59	32.82 1.93 -3.78	33.76 2.27 0.00	36.00 2.42 0.00	38.17 2.79 0.00	42.03 3.33 0.00	48.82 4.03 0.00	50.06 4.22 0.00	50.95 4.42 0.00	52.55 4.34 0.00	59.23 4.79 0.00	73.56 5.64 0.00	83.00 5.57 0.00	82.52 5.18 0.00	71.68 3.93 0.01	61.19 3.02 0.01	52.51 2.79 0.01	47.27 2.76 0.00
CE_NYC2_DRP 24202	48.51 3.49 -4.87	40.76 2.88 -2.27	38.37 2.53 -2.11	35.29 2.23 -3.29	34.03 2.10 -4.28	33.32 2.24 -2.31	32.02 2.20 -2.61	33.28 2.36 -3.81	34.23 2.74 0.00	36.55 2.95 -0.02	38.78 3.40 -0.02	42.65 3.87 -0.08	49.57 4.75 -0.03	54.00 4.91 -3.25	57.15 5.12 -5.50	62.16 5.01 -8.93	65.49 5.50 -5.55	76.64 6.52 -2.20	84.00 6.58 0.00	83.46 6.11 -0.01	72.49 4.74 0.01	61.83 3.66 0.01	53.23 3.48 -0.01	47.94 3.43 -0.01
CE_NYC_DRP 24195	48.42 3.41 -4.86	40.68 2.81 -2.26	38.29 2.46 -2.10	35.19 2.14 -3.29	33.96 2.05 -4.28	33.26 2.19 -2.31	31.93 2.12 -2.61	33.19 2.28 -3.80	34.17 2.68 0.00	36.48 2.89 -0.01	38.71 3.32 -0.01	42.72 3.95 -0.07	49.52 4.70 -0.03	53.64 4.95 -2.84	56.51 5.16 -4.81	61.14 5.11 -7.82	65.01 5.72 -4.85	76.57 6.72 -1.93	84.08 6.66 0.00	83.61 6.26 -0.01	72.63 4.88 0.01	61.89 3.72 0.01	53.22 3.48 -0.01	47.90 3.38 -0.01
CHAFFEE___LFGE 323603	35.14 -4.90 0.10	31.12 -4.42 0.07	30.03 -3.98 -0.29	26.60 -3.60 -0.44	25.09 -3.12 -0.57	25.74 -3.34 -0.31	24.50 -3.13 -0.43	23.84 -3.20 0.08	28.20 -3.28 0.01	30.59 -2.99 0.00	31.72 -3.61 0.04	31.01 -3.41 4.28	33.63 -3.85 7.30	36.11 -3.80 5.93	37.49 -4.00 5.04	39.41 -4.72 4.08	43.52 -5.55 5.37	52.00 -6.18 9.74	61.20 -4.88 11.34	64.70 -6.96 5.67	56.55 -6.44 4.77	50.02 -5.70 2.45	42.66 -5.37 1.70	39.07 -4.45 0.99
CHATEAUG_35_KV_LOAD 355732	39.38 -0.76 0.00	34.96 -0.64 0.00	33.05 -0.67 0.00	29.26 -0.51 0.00	27.12 -0.53 0.00	28.28 -0.49 0.00	26.71 -0.49 0.00	26.66 -0.46 0.00	30.92 -0.57 0.00	33.01 -0.57 0.00	34.77 -0.60 0.00	38.16 -0.54 0.00	44.21 -0.58 0.00	45.25 -0.60 0.00	45.93 -0.60 0.00	47.78 -0.43 0.00	53.90 -0.54 0.00	67.72 -0.20 0.00	77.50 0.08 0.00	77.65 0.31 0.00	68.16 0.41 0.00	58.40 0.23 0.00	49.98 0.25 0.00	44.55 0.04 0.00
CHATEAUG_WT_PWR 323614	39.38 -0.76 0.00	34.97 -0.64 0.00	33.09 -0.64 0.00	29.26 -0.51 0.00	27.12 -0.53 0.00	28.28 -0.49 0.00	26.71 -0.49 0.00	26.66 -0.46 0.00	30.95 -0.54 0.00	33.04 -0.54 0.00	34.84 -0.53 0.00	38.16 -0.54 0.00	44.30 -0.49 0.00	45.34 -0.50 0.00	46.02 -0.51 0.00	47.82 -0.39 0.00	53.95 -0.49 0.00	67.72 -0.20 0.00	77.35 -0.08 0.00	77.49 0.15 0.00	67.96 0.20 0.00	58.29 0.12 0.00	49.88 0.15 0.00	44.46 -0.04 0.00
CHAT_HIGH_FALL_HYD 323578	39.38 -0.76 0.00	34.96 -0.64 0.00	33.05 -0.67 0.00	29.26 -0.51 0.00	27.12 -0.53 0.00	28.28 -0.49 0.00	26.71 -0.49 0.00	26.66 -0.46 0.00	30.92 -0.57 0.00	33.01 -0.57 0.00	34.77 -0.60 0.00	38.16 -0.54 0.00	44.21 -0.58 0.00	45.25 -0.60 0.00	45.93 -0.60 0.00	47.78 -0.43 0.00	53.90 -0.54 0.00	67.72 -0.20 0.00	77.50 0.08 0.00	77.65 0.31 0.00	68.16 0.41 0.00	58.40 0.23 0.00	49.98 0.25 0.00	44.55 0.04 0.00
CHAUTAUQUA___LFGE 323629	35.35 -4.62 0.18	31.34 -4.17 0.10	30.27 -3.74 -0.28	26.84 -3.36 -0.44	25.34 -2.88 -0.57	26.03 -3.05 -0.31	24.85 -2.77 -0.42	24.16 -2.82 0.14	28.55 -2.93 0.01	30.92 -2.65 0.00	32.11 -3.22 0.05	31.04 -3.06 4.60	33.49 -3.49 7.80	36.06 -3.49 6.30	37.59 -3.63 5.32	39.64 -4.29 4.28	43.81 -5.01 5.62	52.27 -5.44 10.21	61.24 -4.11 12.07	65.46 -5.95 5.92	57.35 -5.49 4.92	50.67 -5.00 2.50	43.16 -4.87 1.70	39.47 -4.05 0.99
CHERRYST_13_KV_LD 356241	48.54 3.53 -4.86	40.79 2.92 -2.26	38.39 2.56 -2.10	35.28 2.23 -3.29	34.05 2.13 -4.28	33.34 2.27 -2.31	32.01 2.20 -2.61	33.30 2.39 -3.80	34.29 2.80 0.00	36.62 3.02 -0.01	38.85 3.47 -0.01	42.84 4.06 -0.07	49.70 4.88 -0.03	53.82 5.13 -2.84	56.69 5.35 -4.81	61.38 5.35 -7.82	65.23 5.93 -4.85	76.84 7.00 -1.93	84.39 6.97 0.00	83.92 6.57 -0.01	72.90 5.15 0.01	62.06 3.90 0.01	53.37 3.63 -0.01	48.03 3.52 -0.01

CHESTROR_138KV_BK263 355645	46.98 2.33 -4.51	39.62 1.92 -2.10	37.33 1.65 -1.95	34.26 1.46 -3.04	32.99 1.38 -3.96	32.37 1.47 -2.14	31.06 1.44 -2.41	32.18 1.55 -3.52	33.28 1.79 0.00	35.49 1.91 0.00	37.64 2.26 0.00	41.37 2.67 0.00	48.01 3.22 0.00	49.24 3.39 0.00	50.11 3.58 0.00	51.73 3.52 0.00	58.31 3.87 0.00	72.47 4.55 0.00	82.07 4.65 0.00	81.59 4.25 0.00	70.93 3.18 0.01	60.61 2.44 0.01	51.97 2.24 0.01	46.73 2.23 0.00
CH_MIDHUDSON___DRP 24192	47.81 2.73 -4.93	40.18 2.28 -2.29	37.85 1.99 -2.13	34.85 1.76 -3.33	33.61 1.63 -4.34	32.86 1.75 -2.34	31.56 1.71 -2.64	32.76 1.79 -3.85	33.60 2.11 0.00	35.76 2.18 0.00	37.95 2.58 0.00	41.76 3.06 0.00	48.46 3.67 0.00	49.70 3.85 0.00	50.58 4.05 0.00	52.21 4.00 0.00	58.90 4.46 0.00	73.22 5.30 0.00	82.84 5.42 0.00	82.28 4.95 0.00	71.61 3.86 0.01	61.13 2.97 0.01	52.41 2.69 0.01	47.14 2.63 0.00
CH_MISC_IPPS 23765	47.87 2.89 -4.84	40.28 2.42 -2.25	37.91 2.09 -2.09	34.90 1.88 -3.27	33.64 1.74 -4.25	32.93 1.87 -2.29	31.59 1.79 -2.59	32.76 1.87 -3.78	33.69 2.20 0.00	36.00 2.42 0.00	38.06 2.69 0.00	41.95 3.25 0.00	48.73 3.94 0.00	49.92 4.08 0.00	50.81 4.28 0.00	52.50 4.29 0.00	59.17 4.73 0.00	73.49 5.57 0.00	83.47 6.04 0.00	82.91 5.57 0.00	72.02 4.27 0.01	61.54 3.37 0.01	52.66 2.93 0.01	47.36 2.85 0.00
CH_RES_BVR_FALLS 23983	39.82 -0.32 0.00	35.36 -0.25 0.00	33.49 -0.23 0.00	29.58 -0.18 0.00	27.45 -0.19 0.00	28.60 -0.17 0.00	27.04 -0.16 0.00	26.96 -0.16 0.00	31.30 -0.19 0.00	33.38 -0.20 0.00	35.16 -0.21 0.00	38.47 -0.23 0.00	44.52 -0.27 0.00	45.57 -0.27 0.00	46.25 -0.28 0.00	47.97 -0.24 0.00	54.12 -0.32 0.00	67.65 -0.27 0.00	77.19 -0.23 0.00	77.18 -0.15 0.00	67.62 -0.14 0.00	58.06 -0.12 0.00	49.63 -0.10 0.00	44.42 -0.09 0.00
CH_RES_NIAGARA 23895	34.84 -5.14 0.16	30.67 -4.84 0.09	29.78 -4.18 -0.24	26.23 -3.90 -0.37	24.88 -3.23 -0.47	25.49 -3.54 -0.26	24.10 -3.48 -0.38	23.38 -3.61 0.13	27.43 -4.03 0.03	29.73 -3.83 0.02	30.70 -4.63 0.04	29.64 -4.91 4.14	32.11 -5.51 7.17	34.42 -5.55 5.88	35.71 -5.77 5.05	38.28 -5.79 4.15	42.99 -5.99 5.46	50.15 -7.88 9.89	56.32 -9.37 11.74	63.26 -8.27 5.80	54.29 -8.47 5.00	48.27 -7.27 2.63	41.29 -6.56 1.88	38.35 -5.07 1.09
CH_RES_SYRACUSE 23985	40.00 -0.64 -0.50	35.30 -0.53 -0.23	33.57 -0.37 -0.22	29.71 -0.39 -0.34	27.80 -0.28 -0.44	28.69 -0.32 -0.24	27.14 -0.33 -0.27	27.15 -0.35 -0.39	31.17 -0.31 0.00	33.21 -0.37 0.00	34.91 -0.46 0.00	38.00 -0.70 0.00	43.94 -0.85 0.00	45.02 -0.82 0.00	45.65 -0.89 0.00	47.39 -0.82 0.00	53.63 -0.82 0.00	66.83 -1.09 0.00	76.65 -1.16 -0.39	77.08 -0.85 -0.60	67.41 -0.68 -0.33	58.32 -0.64 -0.79	49.62 -0.70 -0.59	44.39 -0.62 -0.51
CLINTON_WT_PWR 323605	39.38 -0.76 0.00	34.97 -0.64 0.00	33.09 -0.64 0.00	29.26 -0.51 0.00	27.12 -0.53 0.00	28.28 -0.49 0.00	26.71 -0.49 0.00	26.66 -0.46 0.00	30.95 -0.54 0.00	33.04 -0.54 0.00	34.84 -0.53 0.00	38.16 -0.54 0.00	44.30 -0.49 0.00	45.34 -0.50 0.00	46.02 -0.51 0.00	47.82 -0.39 0.00	53.95 -0.49 0.00	67.72 -0.20 0.00	77.35 -0.08 0.00	77.49 0.15 0.00	67.96 0.20 0.00	58.29 0.12 0.00	49.88 0.15 0.00	44.46 -0.04 0.00
CLINTON___LFGE 323618	39.78 -0.36 0.00	35.36 -0.25 0.00	33.39 -0.34 0.00	29.58 -0.18 0.00	27.39 -0.25 0.00	28.57 -0.20 0.00	26.98 -0.22 0.00	26.96 -0.16 0.00	31.30 -0.19 0.00	33.45 -0.13 0.00	35.23 -0.14 0.00	38.54 -0.15 0.00	44.70 -0.09 0.00	45.75 -0.09 0.00	46.44 -0.09 0.00	48.36 0.15 0.00	54.55 0.11 0.00	68.53 0.61 0.00	78.43 1.00 0.00	78.65 1.31 0.00	68.98 1.22 0.00	59.16 0.99 0.00	50.53 0.79 0.00	45.09 0.58 0.00
COBBLENY_34_KV_TB1 80064	35.14 -4.90 0.10	31.12 -4.42 0.07	30.03 -3.98 -0.29	26.60 -3.60 -0.44	25.09 -3.12 -0.57	25.74 -3.34 -0.31	24.50 -3.13 -0.43	23.84 -3.20 0.08	28.20 -3.27 0.01	30.49 -3.09 0.00	31.72 -3.61 0.04	31.05 -3.37 4.28	33.72 -3.76 7.30	36.06 -3.85 5.93	37.49 -4.00 5.04	39.41 -4.72 4.08	43.52 -5.55 5.37	52.48 -5.71 9.74	61.20 -4.88 11.34	64.78 -6.88 5.67	56.48 -6.50 4.77	49.96 -5.76 2.45	42.62 -5.42 1.70	39.07 -4.45 0.99
COFFEEN___115KV_TB3 355620	40.56 0.16 -0.25	35.90 0.18 -0.12	34.18 0.34 -0.11	30.29 0.36 -0.17	28.20 0.33 -0.22	29.35 0.46 -0.12	27.66 0.33 -0.14	27.56 0.24 -0.20	31.68 0.19 0.00	33.85 0.27 0.00	35.12 -0.25 0.00	38.54 -0.15 0.00	44.25 -0.54 0.00	44.97 -0.87 0.00	45.46 -1.07 0.00	47.29 -0.92 0.00	53.68 -0.76 0.00	67.65 -0.27 0.00	78.88 1.16 -0.29	80.19 2.40 -0.46	70.45 2.44 -0.25	60.75 1.98 -0.60	51.72 1.54 -0.45	46.19 1.29 -0.39
COLDSPRG_115KV_BK1 355956	35.75 -4.70 -0.30	31.50 -4.24 -0.13	30.09 -3.95 -0.31	26.79 -3.45 -0.48	25.17 -3.10 -0.62	25.91 -3.19 -0.34	24.69 -2.97 -0.45	24.37 -2.98 -0.23	28.62 -2.87 0.01	30.82 -2.75 0.00	32.37 -2.97 0.03	33.84 -2.17 2.69	37.59 -2.37 4.82	39.39 -2.38 4.07	40.46 -2.47 3.61	41.33 -3.81 3.07	45.26 -5.12 4.07	56.85 -3.80 7.27	67.78 -1.78 7.86	67.33 -5.65 4.36	58.33 -5.49 3.94	50.96 -5.06 2.15	43.10 -5.02 1.61	39.30 -4.27 0.94
COLONIE_LFGE___ 323577	48.12 1.89 -6.08	40.11 1.67 -2.83	37.88 1.52 -2.63	35.21 1.34 -4.11	34.27 1.27 -5.35	32.92 1.26 -2.89	31.66 1.20 -3.26	33.01 1.14 -4.75	32.75 1.26 0.00	34.89 1.31 0.00	36.64 1.27 0.00	40.17 1.47 0.00	46.40 1.61 0.00	47.49 1.65 0.00	48.30 1.77 0.00	49.90 1.69 0.00	56.46 2.02 0.00	70.03 2.11 0.00	79.74 2.32 0.00	79.19 1.85 0.00	69.65 1.89 0.00	59.92 1.74 0.00	51.12 1.39 0.00	45.89 1.38 0.00
COOPERNY_115KV_TB1 80082	45.46 1.65 -3.67	38.70 1.39 -1.71	36.50 1.18 -1.59	33.28 1.04 -2.48	31.84 0.97 -3.23	31.54 1.04 -1.74	30.20 1.03 -1.97	31.10 1.11 -2.87	32.78 1.29 0.00	34.99 1.41 0.00	37.00 1.63 0.00	40.67 1.97 0.00	47.12 2.33 0.00	48.27 2.43 0.00	49.09 2.56 0.00	50.72 2.51 0.00	57.16 2.72 0.00	71.11 3.19 0.00	80.67 3.25 0.00	80.27 2.94 0.00	69.98 2.24 0.01	59.85 1.69 0.01	51.27 1.54 0.01	46.07 1.56 0.00
COPENHAGEN_WT_PWR 323753	40.37 -0.04 -0.26	35.73 0.00 -0.12	33.98 0.14 -0.11	30.12 0.18 -0.18	28.07 0.19 -0.23	29.18 0.29 -0.12	27.51 0.16 -0.14	27.43 0.11 -0.21	31.55 0.06 0.00	33.65 0.07 0.00	35.02 -0.35 0.00	38.39 -0.31 0.00	44.12 -0.67 0.00	44.88 -0.96 0.00	45.41 -1.12 0.00	47.25 -0.96 0.00	53.57 -0.87 0.00	67.45 -0.47 0.00	78.35 0.62 -0.31	79.60 1.78 -0.48	69.85 1.83 -0.27	60.26 1.45 -0.63	51.35 1.14 -0.47	45.85 0.94 -0.41
CORNELL_____ 23752	41.71 0.04 -1.52	36.36 0.04 -0.72	34.33 0.13 -0.46	30.55 0.06 -0.73	28.72 0.14 -0.94	29.39 0.12 -0.51	27.87 0.08 -0.59	28.33 0.03 -1.19	31.56 0.06 -0.01	33.68 0.10 0.00	35.32 -0.07 -0.02	40.44 -0.15 -1.90	47.35 -0.18 -2.74	47.51 -0.23 -1.90	47.59 -0.23 -1.29	48.69 -0.24 -0.72	55.23 -0.11 -0.90	69.84 0.07 -1.85	81.85 0.77 -3.65	79.57 1.08 -1.15	69.02 0.95 -0.31	59.16 0.76 -0.23	50.07 0.40 0.06	44.91 0.36 -0.05

CORONA__69_KV_TB1 355595	48.50 3.49 -4.86	40.82 2.96 -2.26	38.36 2.53 -2.10	35.37 2.32 -3.29	33.97 2.05 -4.28	33.35 2.27 -2.31	31.88 2.07 -2.61	33.22 2.30 -3.80	34.48 2.99 0.00	43.93 3.19 -7.16	44.94 3.57 -6.00	48.78 4.18 -5.91	50.20 5.02 -0.40	52.18 5.23 -1.11	54.45 5.44 -2.47	56.63 5.40 -3.02	60.96 6.10 -0.42	75.29 7.34 -0.04	83.85 6.43 0.00	83.13 5.80 0.00	72.01 4.27 0.01	61.36 3.20 0.01	52.56 2.83 0.01	47.80 3.29 0.00
CORTLAND__115KV_TB3 80093	40.98 -0.20 -1.04	35.91 -0.18 -0.49	34.04 -0.07 -0.38	30.24 -0.12 -0.59	28.39 -0.03 -0.77	29.13 -0.06 -0.42	27.62 -0.05 -0.48	27.82 -0.11 -0.81	31.43 -0.06 0.00	33.58 0.00 0.00	35.24 -0.14 -0.01	39.12 -0.19 -0.62	45.34 -0.22 -0.77	46.02 -0.28 -0.45	46.46 -0.28 -0.21	47.92 -0.29 0.00	54.19 -0.22 0.03	67.77 -0.20 -0.06	78.52 0.15 -0.94	77.89 0.31 -0.24	67.78 0.20 0.18	58.41 0.12 -0.12	49.66 -0.05 0.02	44.57 0.00 -0.06
COXSACKIE__GT 23611	47.96 2.09 -5.73	40.08 1.81 -2.66	37.96 1.75 -2.48	35.15 1.52 -3.87	34.12 1.44 -5.04	32.92 1.44 -2.72	31.63 1.36 -3.07	32.76 1.17 -4.47	32.81 1.32 0.00	34.79 1.21 0.00	36.61 1.24 0.00	40.09 1.39 0.00	46.40 1.61 0.00	47.59 1.74 0.00	48.49 1.95 0.00	50.24 2.02 0.00	56.95 2.51 0.00	71.31 3.39 0.00	81.99 4.57 0.00	81.66 4.33 0.00	71.68 3.93 0.00	61.49 3.31 0.00	52.22 2.49 0.00	46.82 2.31 0.00
CPV_VALLEY__CC1 323721	46.32 1.97 -4.20	39.20 1.64 -1.95	36.96 1.42 -1.82	33.85 1.25 -2.84	32.50 1.16 -3.70	32.02 1.26 -1.99	30.71 1.25 -2.25	31.73 1.33 -3.28	33.06 1.57 0.00	35.36 1.78 0.00	37.35 1.98 0.00	41.10 2.40 0.00	47.66 2.87 0.00	48.82 2.98 0.00	49.65 3.12 0.00	51.25 3.04 0.00	57.82 3.38 0.00	71.65 3.73 0.00	81.29 3.87 0.00	80.82 3.48 0.00	70.32 2.57 0.01	60.14 1.98 0.01	51.51 1.79 0.01	46.38 1.87 0.00
CPV_VALLEY__CC2 323722	46.32 1.97 -4.20	39.20 1.64 -1.95	36.96 1.42 -1.82	33.85 1.25 -2.84	32.50 1.16 -3.70	32.02 1.26 -1.99	30.71 1.25 -2.25	31.73 1.33 -3.28	33.06 1.57 0.00	35.36 1.78 0.00	37.35 1.98 0.00	41.10 2.40 0.00	47.66 2.87 0.00	48.82 2.98 0.00	49.65 3.12 0.00	51.25 3.04 0.00	57.82 3.38 0.00	71.65 3.73 0.00	81.29 3.87 0.00	80.82 3.48 0.00	70.32 2.57 0.01	60.14 1.98 0.01	51.51 1.79 0.01	46.38 1.87 0.00
CRESCENT__HYD 24018	48.12 1.89 -6.08	40.11 1.67 -2.83	37.88 1.52 -2.63	35.21 1.34 -4.11	34.27 1.27 -5.35	32.92 1.26 -2.89	31.66 1.20 -3.26	33.01 1.14 -4.75	32.75 1.26 0.00	34.89 1.31 0.00	36.64 1.27 0.00	40.17 1.47 0.00	46.40 1.61 0.00	47.49 1.65 0.00	48.30 1.77 0.00	49.90 1.69 0.00	56.46 2.02 0.00	70.03 2.11 0.00	79.74 2.32 0.00	79.19 1.85 0.00	69.65 1.89 0.00	59.92 1.74 0.00	51.12 1.39 0.00	45.89 1.38 0.00
CRICKET__VALLEY_CC1 323756	47.65 2.41 -5.10	40.00 2.03 -2.37	37.65 1.72 -2.20	34.75 1.55 -3.44	33.56 1.44 -4.48	32.76 1.58 -2.42	31.43 1.50 -2.73	32.67 1.57 -3.98	33.38 2.12 0.00	35.70 2.30 0.00	37.67 2.30 0.00	41.52 2.82 0.00	48.10 3.31 0.00	49.33 3.48 0.00	50.16 3.63 0.00	51.73 3.52 0.00	58.31 3.87 0.00	72.20 4.28 0.00	81.68 4.26 0.00	81.12 3.79 0.00	70.60 2.85 0.01	60.38 2.21 0.01	51.77 2.04 0.01	46.65 2.14 0.00
CRICKET__VALLEY_CC2 323757	47.65 2.41 -5.10	40.00 2.03 -2.37	37.65 1.72 -2.20	34.75 1.55 -3.44	33.56 1.44 -4.48	32.76 1.58 -2.42	31.43 1.50 -2.73	32.67 1.57 -3.98	33.38 2.12 0.00	35.70 2.30 0.00	37.67 2.30 0.00	41.52 2.82 0.00	48.10 3.31 0.00	49.33 3.48 0.00	50.16 3.63 0.00	51.73 3.52 0.00	58.31 3.87 0.00	72.20 4.28 0.00	81.68 4.26 0.00	81.12 3.79 0.00	70.60 2.85 0.01	60.38 2.21 0.01	51.77 2.04 0.01	46.65 2.14 0.00
CRICKET__VALLEY_CC3 323758	47.65 2.41 -5.10	40.00 2.03 -2.37	37.65 1.72 -2.20	34.75 1.55 -3.44	33.56 1.44 -4.48	32.76 1.58 -2.42	31.43 1.50 -2.73	32.67 1.57 -3.98	33.38 2.12 0.00	35.70 2.30 0.00	37.67 2.30 0.00	41.52 2.82 0.00	48.10 3.31 0.00	49.33 3.48 0.00	50.16 3.63 0.00	51.73 3.52 0.00	58.31 3.87 0.00	72.20 4.28 0.00	81.68 4.26 0.00	81.12 3.79 0.00	70.60 2.85 0.01	60.38 2.21 0.01	51.77 2.04 0.01	46.65 2.14 0.00
CRUCIBLE__METL_DRP 24180	40.00 -0.64 -0.50	35.30 -0.53 -0.23	33.57 -0.37 -0.22	29.71 -0.39 -0.34	27.80 -0.28 -0.44	28.69 -0.32 -0.24	27.14 -0.33 -0.27	27.15 -0.35 -0.39	31.17 -0.31 0.00	33.31 -0.27 0.00	34.91 -0.46 0.00	38.00 -0.70 0.00	43.98 -0.81 0.00	45.02 -0.83 0.00	45.65 -0.88 0.00	47.39 -0.82 0.00	53.62 -0.82 0.00	66.70 -1.22 0.00	76.65 -1.16 -0.39	77.08 -0.85 -0.60	67.34 -0.75 -0.33	58.32 -0.64 -0.79	49.62 -0.70 -0.59	44.39 -0.62 -0.51
DAHOWA__HYDRO 323763	48.92 2.61 -6.17	40.75 2.28 -2.87	38.49 2.09 -2.67	35.72 1.79 -4.17	34.81 1.74 -5.42	33.45 1.75 -2.92	32.11 1.60 -3.30	33.42 1.49 -4.82	33.09 1.61 0.00	35.22 1.64 0.00	36.89 1.52 0.00	40.44 1.74 0.00	46.67 1.88 0.00	47.72 1.88 0.00	48.53 2.00 0.00	50.28 2.07 0.00	57.16 2.72 0.00	71.18 3.26 0.00	81.45 4.02 0.00	81.05 3.71 0.00	71.34 3.59 0.00	61.31 3.14 0.00	52.27 2.54 0.00	46.87 2.36 0.00
DANC__LFGE 323619	40.02 -0.44 -0.31	35.39 -0.36 -0.14	33.66 -0.20 -0.13	29.82 -0.15 -0.21	27.81 -0.11 -0.27	28.86 -0.06 -0.15	27.23 -0.14 -0.17	27.17 -0.19 -0.24	31.27 -0.22 0.00	33.31 -0.27 0.00	34.80 -0.57 0.00	38.13 -0.66 -0.09	44.10 -0.99 -0.30	45.03 -1.14 -0.33	45.65 -1.25 -0.38	47.44 -1.16 -0.39	53.82 -1.15 -0.53	67.74 -1.09 -0.91	78.03 -0.54 -1.15	78.84 0.31 -1.19	69.20 0.48 -0.97	59.70 0.35 -1.18	50.90 0.25 -0.92	45.38 0.13 -0.73
DANSKAMMER__1 23586	47.87 2.89 -4.84	40.28 2.42 -2.25	37.91 2.09 -2.09	34.90 1.88 -3.27	33.64 1.74 -4.25	32.93 1.87 -2.29	31.59 1.79 -2.59	32.76 1.87 -3.78	33.69 2.20 0.00	36.00 2.42 0.00	38.06 2.69 0.00	41.95 3.25 0.00	48.73 3.94 0.00	49.92 4.08 0.00	50.81 4.28 0.00	52.50 4.29 0.00	59.17 4.73 0.00	73.49 5.57 0.00	83.47 6.04 0.00	82.91 5.57 0.00	72.02 4.27 0.01	61.54 3.37 0.01	52.66 2.93 0.01	47.36 2.85 0.00
DANSKAMMER__2 23589	47.87 2.89 -4.84	40.28 2.42 -2.25	37.91 2.09 -2.09	34.90 1.88 -3.27	33.64 1.74 -4.25	32.93 1.87 -2.29	31.59 1.79 -2.59	32.76 1.87 -3.78	33.69 2.20 0.00	36.00 2.42 0.00	38.06 2.69 0.00	41.95 3.25 0.00	48.73 3.94 0.00	49.92 4.08 0.00	50.81 4.28 0.00	52.50 4.29 0.00	59.17 4.73 0.00	73.49 5.57 0.00	83.47 6.04 0.00	82.91 5.57 0.00	72.02 4.27 0.01	61.54 3.37 0.01	52.66 2.93 0.01	47.36 2.85 0.00
DANSKAMMER__3 23590	47.87 2.89 -4.84	40.28 2.42 -2.25	37.91 2.09 -2.09	34.90 1.88 -3.27	33.64 1.74 -4.25	32.93 1.87 -2.29	31.59 1.79 -2.59	32.76 1.87 -3.78	33.69 2.20 0.00	36.00 2.42 0.00	38.06 2.69 0.00	41.95 3.25 0.00	48.73 3.94 0.00	49.92 4.08 0.00	50.81 4.28 0.00	52.50 4.29 0.00	59.17 4.73 0.00	73.49 5.57 0.00	83.47 6.04 0.00	82.91 5.57 0.00	72.02 4.27 0.01	61.54 3.37 0.01	52.66 2.93 0.01	47.36 2.85 0.00

DANSKAMMER___4 23591	47.87 2.89 -4.84	40.28 2.42 -2.25	37.91 2.09 -2.09	34.90 1.88 -3.27	33.64 1.74 -4.25	32.93 1.87 -2.29	31.59 1.79 -2.59	32.76 1.87 -3.78	33.69 2.20 0.00	36.00 2.42 0.00	38.06 2.69 0.00	41.95 3.25 0.00	48.73 3.94 0.00	49.92 4.08 0.00	50.81 4.28 0.00	52.50 4.29 0.00	59.17 4.73 0.00	73.49 5.57 0.00	83.47 6.04 0.00	82.91 5.57 0.00	72.02 4.27 0.01	61.54 3.37 0.01	52.66 2.93 0.01	47.36 2.85 0.00
DANSKAMMER___DIESEL 23592	47.87 2.89 -4.84	40.27 2.42 -2.25	37.91 2.09 -2.09	34.90 1.87 -3.27	33.64 1.74 -4.25	32.90 1.84 -2.29	31.59 1.80 -2.59	32.77 1.87 -3.78	33.69 2.20 0.00	35.86 2.28 0.00	38.06 2.69 0.00	41.91 3.21 0.00	48.69 3.90 0.00	49.92 4.08 0.00	50.81 4.28 0.00	52.50 4.29 0.00	59.18 4.74 0.00	73.62 5.71 0.00	83.38 5.96 0.00	82.83 5.49 0.00	72.09 4.34 0.01	61.54 3.37 0.01	52.66 2.93 0.01	47.36 2.85 0.00
DARBY___SOLAR 323810	48.75 2.45 -6.15	40.60 2.14 -2.86	38.35 1.96 -2.66	35.59 1.67 -4.16	34.66 1.60 -5.41	33.32 1.64 -2.92	31.99 1.50 -3.30	33.33 1.41 -4.81	33.00 1.51 0.00	35.09 1.51 0.00	36.79 1.42 0.00	40.32 1.63 0.00	46.53 1.75 0.00	47.59 1.74 0.00	48.39 1.86 0.00	50.14 1.93 0.00	56.95 2.51 0.00	70.90 2.99 0.00	81.06 3.64 0.00	80.66 3.32 0.00	71.01 3.25 0.00	61.02 2.85 0.00	52.02 2.29 0.00	46.65 2.14 0.00
DASHVILLE___HYD 23610	47.57 2.49 -4.94	39.93 2.03 -2.29	37.55 1.69 -2.13	34.61 1.52 -3.33	33.39 1.41 -4.34	32.60 1.50 -2.34	31.34 1.50 -2.64	32.55 1.57 -3.85	33.54 2.05 0.00	35.73 2.15 0.00	37.95 2.58 0.00	41.76 3.06 0.00	48.55 3.76 0.00	49.79 3.94 0.00	50.67 4.14 0.00	52.36 4.15 0.00	59.07 4.63 0.00	73.49 5.57 0.00	83.23 5.81 0.00	82.67 5.34 0.00	71.88 4.13 0.01	61.37 3.20 0.01	52.61 2.88 0.01	47.31 2.80 0.00
DELAWARE___LFGE 323621	43.35 1.08 -2.12	37.52 0.93 -0.99	35.49 0.84 -0.91	31.93 0.74 -1.43	30.19 0.69 -1.86	30.52 0.75 -1.00	29.02 0.68 -1.14	29.48 0.71 -1.66	32.34 0.85 0.00	34.55 0.97 0.00	36.40 1.03 0.00	39.94 1.24 -0.01	46.19 1.39 -0.01	47.27 1.42 -0.01	47.98 1.44 0.00	49.56 1.35 0.00	55.97 1.52 0.00	69.69 1.77 0.00	79.61 2.09 -0.10	79.39 1.93 -0.12	69.36 1.56 -0.05	59.65 1.34 -0.14	50.98 1.14 -0.10	45.77 1.16 -0.10
DERFIELD_115KV_TB7 355931	40.35 0.20 0.00	35.78 0.18 0.00	33.90 0.17 0.00	29.91 0.15 0.00	27.78 0.14 0.00	28.91 0.14 0.00	27.34 0.14 0.00	27.25 0.14 0.00	31.65 0.16 0.00	33.75 0.17 0.00	35.51 0.14 0.00	38.85 0.15 0.00	44.97 0.18 0.00	46.03 0.18 0.00	46.72 0.19 0.00	48.36 0.14 0.00	54.66 0.22 0.00	68.06 0.14 0.00	77.58 0.15 0.00	77.41 0.08 0.00	67.82 0.07 0.00	58.23 0.06 0.00	49.83 0.10 0.00	44.64 0.13 0.00
DOGLEVILLE___HYD 23807	40.83 0.68 0.00	36.14 0.53 0.00	34.20 0.47 0.00	30.18 0.42 0.00	28.03 0.39 0.00	29.17 0.40 0.00	27.61 0.41 0.00	27.52 0.41 0.00	31.96 0.47 0.00	34.08 0.50 0.00	35.83 0.46 0.00	39.24 0.54 0.00	45.33 0.54 0.00	46.30 0.46 0.00	47.00 0.47 0.00	48.64 0.43 0.00	55.09 0.65 0.00	68.73 0.82 0.00	78.51 1.08 0.00	78.57 1.24 0.00	68.91 1.15 0.00	59.16 0.99 0.00	50.68 0.94 0.00	45.53 1.02 0.00
DUNKIRK__115KV_TB_200 55889	35.33 -4.62 0.20	31.33 -4.17 0.11	30.27 -3.74 -0.28	26.84 -3.36 -0.44	25.34 -2.87 -0.57	26.03 -3.05 -0.31	24.82 -2.80 -0.42	24.12 -2.85 0.15	28.55 -2.93 0.01	30.79 -2.79 0.00	32.11 -3.22 0.05	30.93 -3.10 4.68	33.38 -3.49 7.91	35.93 -3.53 6.39	37.48 -3.68 5.38	39.55 -4.34 4.32	43.75 -5.01 5.68	52.57 -5.03 10.32	61.01 -4.18 12.23	65.40 -5.95 5.98	57.18 -5.62 4.95	50.60 -5.06 2.51	43.10 -4.92 1.71	39.46 -4.05 0.99
DUNKIRK___1 23563	35.33 -4.62 0.20	31.33 -4.17 0.11	30.27 -3.74 -0.28	26.84 -3.36 -0.44	25.34 -2.87 -0.57	26.03 -3.05 -0.31	24.82 -2.80 -0.42	24.12 -2.85 0.15	28.55 -2.93 0.01	30.79 -2.79 0.00	32.11 -3.22 0.05	30.93 -3.10 4.68	33.38 -3.49 7.91	35.93 -3.53 6.39	37.48 -3.68 5.38	39.55 -4.34 4.32	43.75 -5.01 5.68	52.57 -5.03 10.32	61.01 -4.18 12.23	65.40 -5.95 5.98	57.18 -5.62 4.95	50.60 -5.06 2.51	43.10 -4.92 1.71	39.46 -4.05 0.99
DUNKIRK___2 23564	35.33 -4.62 0.20	31.33 -4.17 0.11	30.27 -3.74 -0.28	26.84 -3.36 -0.44	25.34 -2.87 -0.57	26.03 -3.05 -0.31	24.82 -2.80 -0.42	24.12 -2.85 0.15	28.55 -2.93 0.01	30.79 -2.79 0.00	32.11 -3.22 0.05	30.93 -3.10 4.68	33.38 -3.49 7.91	35.93 -3.53 6.39	37.48 -3.68 5.38	39.55 -4.34 4.32	43.75 -5.01 5.68	52.57 -5.03 10.32	61.01 -4.18 12.23	65.40 -5.95 5.98	57.18 -5.62 4.95	50.60 -5.06 2.51	43.10 -4.92 1.71	39.46 -4.05 0.99
DUNKIRK___3 23565	35.17 -4.70 0.27	31.22 -4.24 0.15	30.20 -3.81 -0.28	26.77 -3.42 -0.44	25.25 -2.96 -0.57	25.94 -3.14 -0.31	24.71 -2.91 -0.42	23.95 -2.96 0.21	28.42 -3.05 0.01	30.66 -2.92 0.00	31.96 -3.36 0.05	30.48 -3.21 5.01	32.78 -3.58 8.42	35.41 -3.67 6.77	37.09 -3.77 5.67	39.25 -4.44 4.53	43.38 -5.12 5.94	51.81 -5.30 10.82	59.97 -4.49 12.96	64.83 -6.26 6.24	56.61 -6.03 5.11	50.26 -5.35 2.56	42.84 -5.17 1.72	39.28 -4.23 1.00
DUNKIRK___4 23566	35.17 -4.70 0.27	31.22 -4.24 0.15	30.20 -3.81 -0.28	26.77 -3.42 -0.44	25.25 -2.96 -0.57	25.94 -3.14 -0.31	24.71 -2.91 -0.42	23.95 -2.96 0.21	28.42 -3.05 0.01	30.66 -2.92 0.00	31.96 -3.36 0.05	30.48 -3.21 5.01	32.78 -3.58 8.42	35.41 -3.67 6.77	37.09 -3.77 5.67	39.25 -4.44 4.53	43.38 -5.12 5.94	51.81 -5.30 10.82	59.97 -4.49 12.96	64.83 -6.26 6.24	56.61 -6.03 5.11	50.26 -5.35 2.56	42.84 -5.17 1.72	39.28 -4.23 1.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	48.06 3.05 -4.86	40.39 2.53 -2.26	38.02 2.19 -2.10	34.98 1.93 -3.29	33.74 1.82 -4.28	33.03 1.96 -2.31	31.71 1.90 -2.61	32.98 2.06 -3.80	33.91 2.42 0.00	36.20 2.62 0.00	38.41 3.04 0.00	42.30 3.60 0.00	49.13 4.34 0.00	50.38 4.54 0.00	51.28 4.75 0.00	52.89 4.68 0.00	59.61 5.17 0.00	74.03 6.11 0.00	83.46 6.04 0.00	82.90 5.57 0.00	72.02 4.27 0.01	61.42 3.26 0.01	52.81 3.08 0.01	47.49 2.98 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	47.44 2.61 -4.68	39.95 2.17 -2.18	37.64 1.89 -2.02	34.59 1.67 -3.16	33.31 1.55 -4.12	32.65 1.67 -2.22	31.34 1.63 -2.51	32.48 1.71 -3.66	33.50 2.02 0.00	35.69 2.12 0.00	37.88 2.51 0.00	41.68 2.98 0.00	48.37 3.58 0.00	49.60 3.76 0.00	50.49 3.96 0.00	52.16 3.95 0.00	58.80 4.36 0.00	73.15 5.23 0.00	82.76 5.34 0.00	82.28 4.95 0.00	71.54 3.79 0.01	61.07 2.91 0.01	52.36 2.64 0.01	47.05 2.54 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	48.55 3.53 -4.87	40.79 2.92 -2.27	38.37 2.53 -2.11	35.29 2.23 -3.29	34.03 2.10 -4.28	33.32 2.24 -2.31	31.99 2.18 -2.61	33.23 2.30 -3.81	34.10 2.61 0.00	36.44 2.85 0.00	38.64 3.25 -0.02	42.50 3.72 -0.08	49.39 4.57 -0.03	53.82 4.72 -3.25	56.73 4.89 -5.31	53.30 4.77 -0.31	59.87 5.28 -0.15	74.16 6.18 -0.06	83.69 6.27 0.00	83.15 5.80 -0.01	72.15 4.40 0.01	61.72 3.55 0.01	53.03 3.28 -0.01	47.94 3.43 -0.01

E179THST_13_KV_LOAD 356214	48.79 3.77 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.14 2.21 -4.28	33.44 2.36 -2.31	32.10 2.29 -2.61	33.36 2.44 -3.81	34.26 2.77 0.00	36.60 3.02 0.00	38.85 3.47 -0.02	42.73 3.95 -0.08	49.70 4.88 -0.03	54.09 5.00 -3.25	57.05 5.21 -5.31	53.63 5.11 -0.31	60.20 5.61 -0.15	74.63 6.66 -0.06	84.16 6.74 0.00	83.69 6.34 -0.01	72.63 4.88 0.01	62.12 3.96 0.01	53.32 3.58 -0.01	48.21 3.69 -0.01
EAST HAMPTON___GT 23717	48.70 3.69 -4.86	41.14 3.27 -2.26	38.60 2.77 -2.10	35.82 2.77 -3.29	34.41 2.49 -4.28	33.83 2.76 -2.31	32.36 2.56 -2.61	33.85 2.93 -3.80	35.81 4.31 -0.01	45.49 4.74 -7.17	45.90 4.53 -6.00	49.56 4.95 -5.91	51.05 5.87 -0.40	53.18 6.37 -0.97	54.41 6.65 -1.23	60.12 6.66 -5.26	72.14 7.62 -10.08	83.12 8.42 -6.78	95.02 7.67 -9.93	92.62 6.96 -8.32	72.49 4.74 0.00	60.95 2.79 0.01	52.01 2.29 0.01	47.80 3.29 0.00
EAST RIVER___6 23660	48.50 3.49 -4.86	40.75 2.88 -2.26	38.36 2.53 -2.10	35.25 2.20 -3.29	33.99 2.07 -4.28	33.32 2.25 -2.31	31.98 2.18 -2.61	33.25 2.33 -3.80	34.29 2.80 0.00	36.75 3.16 -0.01	38.82 3.43 -0.01	42.87 4.10 -0.07	49.70 4.88 -0.03	53.73 5.04 -2.84	56.60 5.26 -4.81	61.33 5.30 -7.82	65.12 5.83 -4.85	76.57 6.73 -1.93	84.31 6.89 0.00	83.92 6.57 -0.01	72.83 5.08 0.01	62.06 3.90 0.01	53.33 3.58 -0.01	48.03 3.52 -0.01
EAST RIVER___7 23524	48.50 3.49 -4.86	40.75 2.88 -2.26	38.36 2.53 -2.10	35.25 2.20 -3.29	33.99 2.07 -4.28	33.32 2.25 -2.31	31.98 2.18 -2.61	33.25 2.33 -3.80	34.29 2.80 0.00	36.75 3.16 -0.01	38.82 3.43 -0.01	42.87 4.10 -0.07	49.70 4.88 -0.03	53.73 5.04 -2.84	56.60 5.26 -4.81	61.33 5.30 -7.82	65.12 5.83 -4.85	76.57 6.73 -1.93	84.31 6.89 0.00	83.92 6.57 -0.01	72.83 5.08 0.01	62.06 3.90 0.01	53.33 3.58 -0.01	48.03 3.52 -0.01
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	47.97 2.97 -4.85	40.32 2.46 -2.26	37.95 2.12 -2.10	34.95 1.90 -3.28	33.68 1.77 -4.27	32.97 1.90 -2.30	31.65 1.85 -2.60	32.89 1.98 -3.79	33.82 2.33 0.00	36.10 2.52 0.00	38.27 2.90 0.00	42.14 3.44 0.00	48.95 4.17 0.00	50.26 4.36 -0.06	51.19 4.56 -0.10	52.86 4.48 -0.16	59.50 4.95 -0.10	73.80 5.84 -0.04	83.23 5.81 0.00	82.75 5.41 0.00	71.81 4.07 0.01	61.31 3.14 0.01	52.66 2.93 0.01	47.40 2.89 0.00
EAST_HAMPTON___DIESEL 23722	48.62 3.61 -4.86	41.11 3.24 -2.26	38.53 2.70 -2.10	35.78 2.74 -3.29	34.38 2.46 -4.28	33.78 2.70 -2.31	32.34 2.53 -2.61	33.82 2.90 -3.80	35.78 4.28 -0.01	45.45 4.70 -7.17	45.86 4.49 -6.00	49.52 4.92 -5.91	50.97 5.78 -0.40	53.14 6.33 -0.97	54.37 6.60 -1.23	60.07 6.61 -5.26	72.04 7.52 -10.08	83.06 8.35 -6.78	94.94 7.59 -9.93	92.53 6.88 -8.32	72.42 4.67 0.00	60.84 2.68 0.01	51.91 2.19 0.01	47.72 3.21 0.00
EAST_POINT___SOLAR 323840	49.09 2.25 -6.70	40.64 1.92 -3.11	38.38 1.75 -2.90	35.75 1.46 -4.53	34.97 1.44 -5.89	33.44 1.49 -3.18	32.02 1.23 -3.59	33.19 0.84 -5.23	31.99 0.50 0.00	33.55 -0.03 0.00	35.13 -0.25 0.00	38.47 -0.23 0.00	44.43 -0.36 0.00	45.43 -0.41 0.00	46.25 -0.28 0.00	48.07 -0.14 0.00	54.93 0.49 0.00	69.14 1.22 0.00	80.13 2.71 0.00	81.12 3.79 0.00	71.68 3.93 0.01	61.48 3.31 0.01	52.36 2.63 0.01	46.87 2.36 0.00
EAST_PULASKI___ESR 323781	39.74 -0.76 -0.36	35.13 -0.64 -0.17	33.41 -0.47 -0.15	29.56 -0.45 -0.24	27.63 -0.33 -0.31	28.56 -0.37 -0.17	27.01 -0.38 -0.19	26.99 -0.41 -0.28	31.05 -0.44 0.00	33.08 -0.50 0.00	34.66 -0.71 0.00	38.00 -0.93 -0.23	44.36 -1.21 -0.78	45.44 -1.28 -0.88	46.17 -1.35 -0.99	47.98 -1.25 -1.03	54.36 -1.47 -1.39	68.54 -1.77 -2.39	78.36 -1.63 -2.56	78.70 -1.08 -2.44	69.10 -0.81 -2.15	59.60 -0.76 -2.19	50.87 -0.59 -1.73	45.26 -0.58 -1.33
EAST_RIVER___1 323558	48.42 3.41 -4.86	40.68 2.81 -2.26	38.29 2.46 -2.10	35.19 2.14 -3.29	33.96 2.05 -4.28	33.26 2.19 -2.31	31.93 2.12 -2.61	33.19 2.28 -3.80	34.20 2.71 0.00	36.65 3.06 -0.01	38.71 3.32 -0.01	42.76 3.99 -0.07	49.56 4.75 -0.03	53.64 4.95 -2.84	56.51 5.16 -4.81	61.13 5.11 -7.82	64.95 5.66 -4.85	76.37 6.52 -1.93	84.16 6.73 0.00	83.61 6.26 -0.01	72.56 4.81 0.01	61.89 3.73 0.01	53.17 3.43 -0.01	47.90 3.38 -0.01
EAST_RIVER___2 323559	48.50 3.49 -4.86	40.75 2.88 -2.26	38.36 2.53 -2.10	35.25 2.20 -3.29	33.99 2.07 -4.28	33.32 2.25 -2.31	31.98 2.18 -2.61	33.25 2.33 -3.80	34.29 2.80 0.00	36.75 3.16 -0.01	38.82 3.43 -0.01	42.87 4.10 -0.07	49.70 4.88 -0.03	53.73 5.04 -2.84	56.60 5.26 -4.81	61.33 5.30 -7.82	65.12 5.83 -4.85	76.57 6.73 -1.93	84.31 6.89 0.00	83.92 6.57 -0.01	72.83 5.08 0.01	62.06 3.90 0.01	53.33 3.58 -0.01	48.03 3.52 -0.01
EAST___DELAWARE_HYD 23607	46.96 2.41 -4.40	39.61 1.96 -2.05	37.32 1.69 -1.90	34.22 1.49 -2.97	32.87 1.35 -3.87	32.32 1.47 -2.09	31.00 1.44 -2.36	32.05 1.49 -3.44	33.28 1.79 0.00	35.56 1.98 0.00	37.57 2.19 0.00	41.41 2.71 0.00	48.02 3.23 0.00	49.19 3.34 0.00	50.02 3.49 0.00	51.73 3.52 0.00	58.41 3.97 0.00	72.67 4.75 0.00	82.76 5.34 0.00	82.29 4.95 0.00	71.54 3.79 0.01	61.07 2.91 0.01	52.21 2.49 0.01	46.87 2.36 0.00
EIGHT_POINT___WT_PWR 323820	41.33 -3.05 -4.24	34.96 -2.71 -2.06	31.75 -2.36 -0.39	28.22 -2.14 -0.60	26.68 -1.74 -0.78	27.32 -1.87 -0.42	25.98 -1.74 -0.52	28.48 -1.95 -3.31	29.45 -2.08 -0.04	31.63 -1.95 0.00	33.13 -2.41 -0.16	50.89 -2.51 -14.70	63.84 -3.00 -22.05	58.81 -2.98 -15.95	55.14 -2.98 -11.59	52.39 -3.28 -7.46	60.41 -3.54 -9.51	82.61 -3.87 -18.56	105.02 -2.17 -29.76	84.17 -2.48 -9.32	70.30 -1.83 -4.37	57.08 -1.80 -0.72	46.70 -2.04 0.99	42.21 -1.74 0.56
ELBRIDGE_115KV_TB2 80188	39.79 -0.88 -0.53	35.14 -0.71 -0.25	33.38 -0.57 -0.23	29.58 -0.54 -0.36	27.69 -0.41 -0.47	28.53 -0.49 -0.25	27.02 -0.46 -0.28	27.02 -0.52 -0.41	30.98 -0.50 0.00	33.11 -0.47 0.00	34.70 -0.67 0.00	37.73 -0.97 0.00	43.71 -1.07 0.00	44.70 -1.15 0.00	45.37 -1.16 0.00	47.05 -1.16 0.00	53.30 -1.14 0.00	66.36 -1.56 0.00	76.29 -1.55 -0.41	76.66 -1.31 -0.64	67.03 -1.08 -0.36	58.02 -0.99 -0.84	49.36 -0.99 -0.62	44.20 -0.85 -0.54
ELEC_TRO_TEK 24086	48.30 3.29 -4.86	40.72 2.85 -2.26	38.23 2.39 -2.10	35.25 2.20 -3.29	33.85 1.93 -4.28	33.23 2.16 -2.31	31.77 1.96 -2.61	33.14 2.22 -3.80	34.39 2.90 0.00	43.80 3.06 -7.16	44.80 3.43 -6.00	48.59 3.99 -5.91	49.98 4.79 -0.40	51.83 4.95 -1.03	53.52 5.16 -1.83	56.34 5.11 -3.02	60.58 5.72 -0.42	74.82 6.86 -0.04	83.23 5.81 0.00	82.52 5.18 0.00	71.47 3.73 0.01	60.89 2.73 0.01	52.21 2.49 0.01	47.54 3.03 0.00
ELLENBURG_WT_PWR 323604	39.38 -0.76 0.00	34.97 -0.64 0.00	33.09 -0.64 0.00	29.26 -0.51 0.00	27.12 -0.53 0.00	28.28 -0.49 0.00	26.71 -0.49 0.00	26.66 -0.46 0.00	30.95 -0.54 0.00	33.04 -0.54 0.00	34.84 -0.53 0.00	38.16 -0.54 0.00	44.30 -0.49 0.00	45.34 -0.50 0.00	46.02 -0.51 0.00	47.82 -0.39 0.00	53.95 -0.49 0.00	67.72 -0.20 0.00	77.35 -0.08 0.00	77.49 0.15 0.00	67.96 0.20 0.00	58.29 0.12 0.00	49.88 0.15 0.00	44.46 -0.04 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.83 -4.94 0.38	30.99 -4.42 0.20	30.04 -3.95 -0.26	26.56 -3.60 -0.40	25.09 -3.07 -0.52	25.74 -3.31 -0.28	24.53 -3.07 -0.40	23.65 -3.17 0.30	28.14 -3.34 0.01	30.42 -3.16 0.00	31.57 -3.75 0.05	29.58 -3.87 5.24	31.62 -4.34 8.82	34.31 -4.45 7.09	35.98 -4.61 5.94	38.44 -5.01 4.76	42.65 -5.55 6.24	50.19 -6.38 11.35	57.66 -6.19 13.57	63.59 -7.19 6.56	55.62 -6.78 5.36	49.62 -5.88 2.68	42.42 -5.52 1.79	39.02 -4.45 1.04
EMPIRE_CC_1 323656	47.56 1.65 -5.77	39.75 1.46 -2.68	37.61 1.38 -2.50	34.88 1.22 -3.90	33.88 1.16 -5.08	32.66 1.15 -2.74	31.38 1.09 -3.09	32.65 1.03 -4.51	32.65 1.17 0.00	34.75 1.17 0.00	36.54 1.17 0.00	40.09 1.39 0.00	46.26 1.48 0.00	47.35 1.51 0.00	48.16 1.63 0.00	49.75 1.54 0.00	56.18 1.74 0.00	69.62 1.70 0.00	79.05 1.63 0.00	78.57 1.23 0.00	69.04 1.28 0.00	59.45 1.28 0.00	50.73 0.99 0.00	45.62 1.11 0.00
EMPIRE_CC_2 323658	47.56 1.65 -5.77	39.75 1.46 -2.68	37.61 1.38 -2.50	34.88 1.22 -3.90	33.88 1.16 -5.08	32.66 1.15 -2.74	31.38 1.09 -3.09	32.65 1.03 -4.51	32.65 1.17 0.00	34.75 1.17 0.00	36.54 1.17 0.00	40.09 1.39 0.00	46.26 1.48 0.00	47.35 1.51 0.00	48.16 1.63 0.00	49.75 1.54 0.00	56.18 1.74 0.00	69.62 1.70 0.00	79.05 1.63 0.00	78.57 1.23 0.00	69.04 1.28 0.00	59.45 1.28 0.00	50.73 0.99 0.00	45.62 1.11 0.00
ENORWICH_115KV_TB1 80156	43.05 1.16 -1.74	37.45 1.03 -0.81	35.49 1.11 -0.65	31.73 0.95 -1.02	29.88 0.91 -1.32	30.46 0.98 -0.71	28.73 0.71 -0.82	29.10 0.62 -1.36	32.18 0.69 0.00	34.42 0.84 0.00	35.91 0.53 -0.01	40.33 0.66 -0.98	46.63 0.49 -1.35	46.92 0.18 -0.89	47.13 0.05 -0.55	48.56 0.10 -0.25	55.17 0.44 -0.29	69.88 1.29 -0.67	82.02 2.86 -1.73	81.22 3.40 -0.48	70.72 2.98 0.02	60.75 2.50 -0.08	51.64 1.99 0.08	46.35 1.82 -0.02
ERIE_ST__34_KV_TB1-2 80199	34.85 -5.10 0.19	30.87 -4.63 0.11	29.72 -4.28 -0.28	26.41 -3.78 -0.43	24.77 -3.43 -0.56	25.50 -3.57 -0.30	24.24 -3.37 -0.42	23.52 -3.44 0.15	28.11 -3.37 0.01	30.35 -3.22 0.00	31.79 -3.54 0.05	31.35 -2.75 4.60	33.97 -3.00 7.81	36.45 -3.07 6.32	37.98 -3.21 5.34	39.43 -4.48 4.30	42.96 -5.83 5.65	52.56 -5.09 10.27	62.36 -3.48 11.57	64.19 -7.19 5.96	55.81 -6.98 4.96	49.42 -6.22 2.53	42.18 -5.82 1.73	38.60 -4.90 1.01
ERIE_WT_PWR 323693	34.93 -4.90 0.31	31.06 -4.38 0.17	30.05 -3.95 -0.27	26.61 -3.57 -0.42	25.12 -3.07 -0.54	25.76 -3.31 -0.30	24.54 -3.07 -0.41	23.70 -3.17 0.24	28.20 -3.28 0.01	30.46 -3.12 0.00	31.71 -3.61 0.05	30.06 -3.56 5.08	32.16 -4.08 8.55	34.89 -4.08 6.87	36.54 -4.23 5.76	38.79 -4.82 4.60	42.85 -5.55 6.04	50.61 -6.31 10.99	58.98 -5.34 13.11	63.96 -7.04 6.34	56.12 -6.44 5.20	49.87 -5.70 2.61	42.67 -5.32 1.75	39.08 -4.41 1.02
ESPRGFLD_115KV_TB1 80157	41.47 1.32 0.00	36.71 1.10 0.00	34.74 1.01 0.00	30.59 0.83 0.00	28.47 0.83 0.01	29.66 0.89 0.00	27.96 0.76 0.00	27.77 0.65 0.00	32.15 0.66 0.00	34.22 0.64 0.00	35.90 0.53 0.00	39.40 0.70 0.00	45.51 0.72 0.00	46.53 0.69 0.00	47.23 0.70 0.00	48.98 0.77 0.00	55.53 1.09 0.00	69.48 1.56 0.00	79.90 2.48 0.00	80.04 2.71 0.00	70.18 2.44 0.01	60.20 2.04 0.01	51.36 1.64 0.01	46.02 1.51 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	41.59 0.00 -1.45	36.29 0.00 -0.68	34.29 0.10 -0.46	30.52 0.03 -0.72	28.70 0.11 -0.94	29.36 0.09 -0.51	27.84 0.05 -0.59	28.22 -0.03 -1.13	31.52 0.03 0.00	33.65 0.07 0.00	35.32 -0.07 -0.02	40.13 -0.15 -1.58	46.83 -0.22 -2.26	47.13 -0.28 -1.56	47.29 -0.28 -1.04	48.49 -0.29 -0.57	54.98 -0.16 -0.70	69.38 0.00 -1.46	81.07 0.62 -3.03	79.16 0.85 -0.97	68.80 0.81 -0.23	58.99 0.58 -0.24	50.01 0.30 0.02	44.85 0.27 -0.07
ETNA____115KV_TB2 80207	41.59 0.00 -1.45	36.29 0.00 -0.68	34.29 0.10 -0.46	30.52 0.03 -0.72	28.70 0.11 -0.94	29.36 0.09 -0.51	27.84 0.05 -0.59	28.22 -0.03 -1.13	31.52 0.03 0.00	33.65 0.07 0.00	35.32 -0.07 -0.02	40.13 -0.15 -1.58	46.83 -0.22 -2.26	47.13 -0.28 -1.56	47.29 -0.28 -1.04	48.49 -0.29 -0.57	54.98 -0.16 -0.70	69.38 0.00 -1.46	81.07 0.62 -3.03	79.16 0.85 -0.97	68.80 0.81 -0.23	58.99 0.58 -0.24	50.01 0.30 0.02	44.85 0.27 -0.07
EUCLID__115KV_TB2 356179	39.51 -1.04 -0.41	34.94 -0.85 -0.19	33.20 -0.71 -0.18	29.36 -0.68 -0.28	27.45 -0.55 -0.36	28.36 -0.60 -0.20	26.85 -0.57 -0.22	26.84 -0.60 -0.32	30.86 -0.63 0.00	32.97 -0.60 0.00	34.56 -0.81 0.00	37.39 -1.08 0.23	42.75 -1.25 0.78	43.68 -1.28 0.88	44.19 -1.35 0.99	45.88 -1.30 1.03	51.69 -1.36 1.39	63.70 -1.83 2.39	73.60 -2.01 1.81	74.28 -1.78 1.28	64.76 -1.49 1.50	56.18 -1.34 0.66	47.90 -1.24 0.59	43.05 -1.11 0.35
E_CANADA_CAP_HY 24051	48.93 1.81 -6.98	40.38 1.53 -3.25	38.13 1.38 -3.02	35.64 1.16 -4.72	34.94 1.16 -6.14	33.26 1.18 -3.31	31.92 0.98 -3.74	33.33 0.76 -5.45	32.12 0.63 0.00	33.98 0.40 0.00	35.59 0.21 0.00	38.97 0.27 0.00	45.01 0.23 0.00	46.07 0.23 0.00	46.90 0.37 0.00	48.69 0.48 0.00	55.42 0.98 0.00	69.35 1.43 0.00	79.97 2.55 0.00	80.35 3.01 0.00	70.73 2.98 0.01	60.72 2.56 0.01	51.77 2.04 0.01	46.38 1.87 0.00
E_CANADA_MHWK_HY 24050	40.83 0.68 0.00	36.14 0.53 0.00	34.20 0.47 0.00	30.18 0.42 0.00	28.03 0.39 0.00	29.17 0.40 0.00	27.61 0.41 0.00	27.52 0.41 0.00	31.96 0.47 0.00	34.12 0.54 0.00	35.83 0.46 0.00	39.24 0.54 0.00	45.33 0.54 0.00	46.30 0.46 0.00	47.00 0.47 0.00	48.64 0.43 0.00	55.10 0.66 0.00	68.67 0.75 0.00	78.51 1.08 0.00	78.57 1.23 0.00	68.91 1.15 0.00	59.16 0.99 0.00	50.68 0.94 0.00	45.53 1.02 0.00
E_FISHKILL__LBMP 23776	47.71 2.61 -4.96	40.12 2.21 -2.31	37.76 1.89 -2.14	34.78 1.67 -3.35	33.58 1.58 -4.36	32.81 1.70 -2.35	31.49 1.63 -2.66	32.75 1.76 -3.87	33.54 2.05 0.00	35.76 2.18 0.00	37.92 2.55 0.00	41.72 3.02 0.00	48.42 3.63 0.00	49.65 3.81 0.00	50.53 4.00 0.00	52.12 3.91 0.00	58.74 4.30 0.00	72.95 5.03 0.00	82.38 4.96 0.00	81.90 4.56 0.00	71.21 3.46 0.01	60.84 2.68 0.01	52.21 2.49 0.01	47.00 2.49 0.00
FALCON__SEABRD_CC1 323796	39.74 -0.40 0.00	35.28 -0.32 0.00	33.36 -0.37 0.00	29.52 -0.24 0.00	27.37 -0.28 0.00	28.54 -0.23 0.00	26.96 -0.25 0.00	26.90 -0.22 0.00	31.24 -0.25 0.00	33.38 -0.20 0.00	35.20 -0.18 0.00	38.51 -0.19 0.00	44.70 -0.09 0.00	45.75 -0.09 0.00	46.44 -0.09 0.00	48.31 0.10 0.00	54.50 0.05 0.00	68.40 0.48 0.00	78.28 0.85 0.00	78.42 1.08 0.00	68.70 0.95 0.00	58.93 0.75 0.00	50.43 0.70 0.00	44.95 0.45 0.00
FALCON__SEABRD_CC2 323797	39.74 -0.40 0.00	35.28 -0.32 0.00	33.36 -0.37 0.00	29.52 -0.24 0.00	27.37 -0.28 0.00	28.54 -0.23 0.00	26.96 -0.25 0.00	26.90 -0.22 0.00	31.24 -0.25 0.00	33.38 -0.20 0.00	35.20 -0.18 0.00	38.51 -0.19 0.00	44.70 -0.09 0.00	45.75 -0.09 0.00	46.44 -0.09 0.00	48.31 0.10 0.00	54.50 0.05 0.00	68.40 0.48 0.00	78.28 0.85 0.00	78.42 1.08 0.00	68.70 0.95 0.00	58.93 0.75 0.00	50.43 0.70 0.00	44.95 0.45 0.00

FAR ROCKAWAY___4 23548	48.82 3.81 -4.86	41.14 3.28 -2.26	38.63 2.80 -2.10	35.61 2.56 -3.29	34.19 2.27 -4.28	33.55 2.47 -2.31	32.09 2.29 -2.61	33.44 2.52 -3.80	34.76 3.27 0.00	44.27 3.53 -7.16	45.33 3.96 -6.00	49.21 4.61 -5.91	50.74 5.55 -0.40	52.75 5.78 -1.13	55.21 6.05 -2.63	57.25 6.03 -3.02	61.67 6.81 -0.42	76.24 8.29 -0.04	84.78 7.36 0.00	84.06 6.73 0.00	72.69 4.95 0.01	61.94 3.78 0.01	52.95 3.23 0.01	48.16 3.65 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	48.42 3.41 -4.86	40.68 2.81 -2.26	38.29 2.46 -2.10	35.22 2.17 -3.29	33.96 2.05 -4.28	33.26 2.19 -2.31	31.93 2.12 -2.61	33.22 2.30 -3.80	34.20 2.71 0.00	36.51 2.92 -0.01	38.75 3.36 -0.01	42.72 3.95 -0.07	49.56 4.75 -0.03	53.74 5.00 -2.90	56.61 5.16 -4.91	61.35 5.16 -7.98	65.11 5.72 -4.95	76.61 6.72 -1.97	84.16 6.74 0.00	83.61 6.26 -0.01	72.63 4.88 0.01	61.89 3.72 0.01	53.22 3.48 -0.01	47.90 3.38 -0.01
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	48.42 3.41 -4.86	40.71 2.85 -2.26	38.29 2.46 -2.10	35.22 2.17 -3.29	33.96 2.05 -4.28	33.26 2.19 -2.31	31.93 2.12 -2.61	33.22 2.30 -3.80	34.20 2.71 0.00	36.51 2.92 -0.01	38.75 3.36 -0.01	42.72 3.95 -0.07	49.56 4.75 -0.03	53.74 5.00 -2.90	56.65 5.21 -4.91	61.35 5.16 -7.98	65.11 5.72 -4.95	76.68 6.79 -1.97	84.16 6.74 0.00	83.69 6.34 -0.01	72.63 4.88 0.01	61.89 3.72 0.01	53.22 3.48 -0.01	47.94 3.43 -0.01
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	48.38 3.37 -4.86	40.68 2.81 -2.26	38.26 2.43 -2.10	35.19 2.14 -3.29	33.94 2.02 -4.28	33.23 2.16 -2.31	31.93 2.12 -2.61	33.19 2.28 -3.80	34.17 2.68 0.00	36.48 2.89 -0.01	38.71 3.32 -0.01	42.68 3.91 -0.07	49.52 4.70 -0.03	53.70 4.95 -2.90	56.61 5.16 -4.91	61.30 5.11 -7.98	65.06 5.66 -4.95	76.61 6.72 -1.97	84.08 6.66 0.00	83.61 6.26 -0.01	72.56 4.81 0.01	61.83 3.66 0.01	53.17 3.43 -0.01	47.85 3.34 -0.01
FARRAGUT___LBMP 323566	48.38 3.37 -4.86	40.64 2.78 -2.26	38.23 2.39 -2.10	35.16 2.11 -3.29	33.94 2.02 -4.28	33.23 2.16 -2.31	31.90 2.09 -2.61	33.17 2.25 -3.80	34.13 2.65 0.00	36.45 2.85 -0.01	38.68 3.29 -0.01	42.64 3.87 -0.07	49.47 4.66 -0.03	53.65 4.91 -2.91	56.56 5.12 -4.91	61.26 5.06 -7.99	65.01 5.61 -4.96	76.54 6.66 -1.97	84.00 6.58 0.00	83.54 6.19 -0.01	72.49 4.74 0.01	61.77 3.61 0.01	53.17 3.43 -0.01	47.85 3.34 -0.01
FARRCKWY_69_KV_BK2 55825	48.82 3.81 -4.86	41.14 3.28 -2.26	38.63 2.80 -2.10	35.61 2.56 -3.29	34.19 2.27 -4.28	33.55 2.47 -2.31	32.09 2.29 -2.61	33.44 2.52 -3.80	34.76 3.27 0.00	44.27 3.53 -7.16	45.33 3.96 -6.00	49.21 4.61 -5.91	50.74 5.55 -0.40	52.75 5.78 -1.13	55.21 6.05 -2.63	57.25 6.03 -3.02	61.67 6.81 -0.42	76.24 8.29 -0.04	84.78 7.36 0.00	84.06 6.73 0.00	72.69 4.95 0.01	61.94 3.78 0.01	52.95 3.23 0.01	48.16 3.65 0.00
FENNER___WINDPWR 24204	40.93 0.20 -0.59	36.06 0.18 -0.27	34.22 0.24 -0.25	30.36 0.21 -0.39	28.37 0.22 -0.51	29.27 0.23 -0.28	27.71 0.19 -0.31	27.74 0.16 -0.46	31.71 0.22 0.00	33.82 0.24 0.00	35.51 0.14 0.00	38.72 0.12 0.09	44.57 0.09 0.31	45.54 0.05 0.35	46.14 0.00 0.39	47.80 0.00 0.41	54.05 0.16 0.55	67.25 0.27 0.95	77.50 0.70 0.62	77.91 0.93 0.36	68.11 0.88 0.52	58.80 0.70 0.07	50.14 0.50 0.09	44.95 0.45 0.01
FIBERTEK___ENERGY 23856	40.00 -0.64 -0.50	35.30 -0.53 -0.23	33.57 -0.37 -0.22	29.71 -0.39 -0.34	27.80 -0.28 -0.44	28.69 -0.32 -0.24	27.14 -0.33 -0.27	27.15 -0.35 -0.39	31.17 -0.31 0.00	33.31 -0.27 0.00	34.91 -0.46 0.00	38.00 -0.70 0.00	43.98 -0.81 0.00	45.02 -0.83 0.00	45.65 -0.88 0.00	47.39 -0.82 0.00	53.62 -0.82 0.00	66.70 -1.22 0.00	76.65 -1.16 -0.39	77.08 -0.85 -0.60	67.34 -0.75 -0.33	58.32 -0.64 -0.79	49.62 -0.70 -0.59	44.39 -0.62 -0.51
FITZPATRICK___ 23598	38.99 -1.44 -0.29	34.53 -1.21 -0.13	32.81 -1.05 -0.13	29.01 -0.95 -0.20	27.07 -0.83 -0.26	28.01 -0.89 -0.14	26.51 -0.84 -0.15	26.47 -0.87 -0.23	30.54 -0.94 0.00	32.50 -1.08 0.00	34.17 -1.20 0.00	37.15 -1.55 0.00	42.95 -1.84 0.00	44.01 -1.84 0.00	44.62 -1.91 0.00	46.33 -1.88 0.00	52.43 -2.01 0.00	65.34 -2.58 0.00	72.30 -3.02 2.10	71.30 -2.78 3.26	63.50 -2.44 1.82	51.80 -2.09 4.28	44.70 -1.84 3.19	40.10 -1.65 2.76
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	47.98 2.97 -4.87	40.36 2.49 -2.26	37.99 2.16 -2.10	34.95 1.90 -3.29	33.72 1.80 -4.28	32.97 1.90 -2.31	31.66 1.85 -2.61	32.82 1.90 -3.80	33.72 2.24 0.00	35.93 2.35 0.00	38.13 2.76 0.00	41.99 3.29 0.00	48.78 3.99 0.00	50.02 4.17 0.00	50.91 4.37 0.00	52.60 4.39 0.00	59.34 4.90 0.00	73.83 5.91 0.00	83.62 6.19 0.00	83.06 5.72 0.00	72.22 4.47 0.01	61.66 3.49 0.01	52.76 3.03 0.01	47.45 2.94 0.00
FORT ORANGE___ 23900	47.39 1.28 -5.96	39.51 1.14 -2.77	37.48 1.18 -2.58	34.80 1.01 -4.03	33.85 0.97 -5.24	32.57 0.98 -2.82	31.32 0.93 -3.19	32.64 0.87 -4.65	32.31 0.82 0.00	34.42 0.84 0.00	36.22 0.85 0.00	39.70 1.00 0.00	45.91 1.12 0.00	47.03 1.19 0.00	47.79 1.26 0.00	49.37 1.16 0.00	55.75 1.30 0.00	69.21 1.29 0.00	78.89 1.47 0.00	78.50 1.16 0.00	68.84 1.08 0.00	59.16 0.99 0.00	50.53 0.79 0.00	45.49 0.98 0.00
FORT_DRUM_COGEN 23780	40.39 0.00 -0.24	35.75 0.04 -0.11	34.04 0.20 -0.11	30.17 0.24 -0.17	28.11 0.25 -0.22	29.26 0.37 -0.12	27.58 0.24 -0.13	27.47 0.16 -0.19	31.58 0.09 0.00	33.75 0.17 0.00	35.05 -0.32 0.00	38.47 -0.23 0.00	44.21 -0.58 0.00	44.93 -0.92 0.00	45.46 -1.07 0.00	47.29 -0.92 0.00	53.68 -0.76 0.00	67.58 -0.34 0.00	78.63 0.93 -0.28	79.86 2.09 -0.43	70.17 2.17 -0.24	60.49 1.75 -0.57	51.55 1.39 -0.42	46.03 1.16 -0.37
FOX_HILLS___ESR 323835	48.67 3.65 -4.87	40.94 3.06 -2.27	38.50 2.66 -2.11	35.44 2.38 -3.29	34.17 2.24 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.35 2.87 0.00	36.86 3.26 -0.02	38.93 3.54 -0.02	42.61 3.83 -0.08	49.75 4.93 -0.03	53.61 4.86 -2.91	56.52 5.07 -4.91	61.11 4.92 -7.97	64.84 5.44 -4.95	76.07 6.18 -1.97	84.24 6.81 0.00	83.61 6.26 -0.01	72.63 4.88 0.01	62.19 4.01 0.00	53.38 3.63 -0.02	48.13 3.60 -0.02
FPL_FAR_ROCK_GT1 24212	48.83 3.82 -4.86	41.14 3.27 -2.26	38.63 2.80 -2.10	35.61 2.56 -3.29	34.19 2.27 -4.28	33.57 2.50 -2.31	32.15 2.34 -2.61	33.38 2.47 -3.80	34.79 3.31 0.00	44.44 3.69 -7.16	45.29 3.93 -6.00	49.29 4.68 -5.91	50.78 5.60 -0.40	52.75 5.78 -1.13	55.16 6.00 -2.63	57.25 6.03 -3.02	61.61 6.75 -0.42	76.04 8.08 -0.04	84.78 7.36 0.00	84.06 6.72 0.00	72.62 4.88 0.01	61.94 3.78 0.01	52.91 3.19 0.01	48.16 3.65 0.00
FPL_FAR_ROCK_GT2 23815	48.83 3.82 -4.86	41.14 3.27 -2.26	38.63 2.80 -2.10	35.61 2.56 -3.29	34.19 2.27 -4.28	33.57 2.50 -2.31	32.15 2.34 -2.61	33.38 2.47 -3.80	34.79 3.31 0.00	44.44 3.69 -7.16	45.29 3.93 -6.00	49.29 4.68 -5.91	50.78 5.60 -0.40	52.75 5.78 -1.13	55.16 6.00 -2.63	57.25 6.03 -3.02	61.61 6.75 -0.42	76.04 8.08 -0.04	84.78 7.36 0.00	84.06 6.72 0.00	72.62 4.88 0.01	61.94 3.78 0.01	52.91 3.19 0.01	48.16 3.65 0.00

FRANKLIN_FALL_HYD 24054	39.70 -0.44 0.00	35.32 -0.28 0.00	33.36 -0.37 0.00	29.55 -0.21 0.00	27.34 -0.30 0.00	28.54 -0.23 0.00	26.98 -0.22 0.00	26.93 -0.19 0.00	31.27 -0.22 0.00	33.45 -0.13 0.00	35.16 -0.21 0.00	38.62 -0.08 0.00	44.61 -0.18 0.00	45.66 -0.18 0.00	46.30 -0.23 0.00	48.16 -0.05 0.00	54.33 -0.11 0.00	68.33 0.41 0.00	78.27 0.85 0.00	78.57 1.24 0.00	68.91 1.15 0.00	59.04 0.87 0.00	50.48 0.75 0.00	45.00 0.49 0.00
FREEPORT_EQUS_GT1 23764	48.74 3.73 -4.86	41.07 3.21 -2.26	38.53 2.70 -2.10	35.52 2.47 -3.29	34.10 2.18 -4.28	33.49 2.42 -2.31	32.06 2.26 -2.61	33.33 2.41 -3.80	34.76 3.27 0.00	44.37 3.63 -7.16	45.23 3.86 -6.00	49.13 4.53 -5.91	50.56 5.37 -0.40	52.46 5.59 -1.02	54.05 5.77 -1.75	57.02 5.78 -3.03	61.36 6.42 -0.50	75.50 7.54 -0.04	84.16 6.73 0.00	83.44 6.11 0.00	72.01 4.27 0.01	61.36 3.20 0.01	52.55 2.83 0.01	47.98 3.47 0.00
FREEPORT___CT2 23818	48.74 3.73 -4.86	41.07 3.21 -2.26	38.53 2.70 -2.10	35.52 2.47 -3.29	34.10 2.18 -4.28	33.49 2.42 -2.31	32.06 2.26 -2.61	33.33 2.41 -3.80	34.76 3.27 0.00	44.37 3.63 -7.16	45.23 3.86 -6.00	49.13 4.53 -5.91	50.56 5.37 -0.40	52.46 5.59 -1.02	54.05 5.77 -1.75	57.02 5.78 -3.03	61.36 6.42 -0.50	75.50 7.54 -0.04	84.16 6.73 0.00	83.44 6.11 0.00	72.01 4.27 0.01	61.36 3.20 0.01	52.55 2.83 0.01	47.98 3.47 0.00
FRESHKLS_33_KV_LOAD 356253	48.75 3.73 -4.87	41.04 3.17 -2.27	38.61 2.77 -2.11	35.52 2.47 -3.29	34.28 2.35 -4.28	33.64 2.56 -2.31	32.26 2.45 -2.61	33.55 2.63 -3.81	34.48 2.99 0.00	36.99 3.39 -0.02	39.04 3.64 -0.02	42.58 3.79 -0.08	49.79 4.97 -0.03	53.56 4.81 -2.91	56.47 5.03 -4.91	61.11 4.92 -7.97	64.84 5.44 -4.95	76.14 6.24 -1.97	84.47 7.04 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.48 4.30 0.00	53.48 3.73 -0.02	48.26 3.74 -0.02
FULTON COGEN____ 23766	39.37 -1.16 -0.39	34.79 -1.00 -0.18	33.09 -0.81 -0.17	29.25 -0.77 -0.26	27.35 -0.64 -0.34	28.26 -0.69 -0.18	26.73 -0.68 -0.21	26.71 -0.71 -0.30	30.73 -0.76 0.00	32.84 -0.74 0.00	34.42 -0.96 0.00	37.73 -1.28 -0.31	44.36 -1.48 -1.05	45.52 -1.51 -1.19	46.28 -1.58 -1.33	48.05 -1.54 -1.38	54.63 -1.69 -1.87	68.82 -2.31 -3.21	78.30 -2.48 -3.36	78.32 -2.17 -3.15	68.74 -1.83 -2.82	59.30 -1.63 -2.76	50.48 -1.44 -2.19	44.89 -1.29 -1.68
FULTON___LFGE 323630	48.87 2.09 -6.63	40.47 1.78 -3.08	38.22 1.62 -2.87	35.61 1.37 -4.48	34.83 1.35 -5.83	33.29 1.38 -3.15	31.93 1.17 -3.55	33.25 0.95 -5.18	32.28 0.79 0.00	34.18 0.61 0.00	35.76 0.39 0.00	39.13 0.43 0.00	45.19 0.40 0.00	46.26 0.41 0.00	47.13 0.60 0.00	48.94 0.72 0.00	55.69 1.25 0.00	69.75 1.83 0.00	80.44 3.02 0.00	80.73 3.40 0.00	71.14 3.39 0.01	61.02 2.85 0.01	52.02 2.29 0.01	46.60 2.09 0.00
G.F.CEMENT___DRP 24184	49.30 2.97 -6.19	41.08 2.60 -2.88	38.77 2.36 -2.68	35.94 1.99 -4.18	35.05 1.96 -5.44	33.71 2.01 -2.93	32.31 1.80 -3.31	33.66 1.71 -4.83	33.35 1.86 0.00	35.39 1.81 0.00	37.11 1.73 0.00	40.67 1.97 0.00	46.94 2.15 0.00	47.91 2.06 0.00	48.77 2.23 0.00	50.53 2.31 0.00	57.60 3.16 0.00	71.93 4.01 0.00	82.46 5.03 0.00	82.05 4.72 0.00	72.23 4.47 0.00	62.01 3.84 0.00	52.82 3.08 0.00	47.31 2.80 0.00
GARDENVILLE___LBMP 24039	34.78 -4.90 0.47	30.95 -4.42 0.25	30.05 -3.95 -0.27	26.58 -3.60 -0.42	25.11 -3.07 -0.54	25.75 -3.31 -0.29	24.54 -3.07 -0.41	23.58 -3.17 0.37	28.17 -3.31 0.02	30.46 -3.12 0.00	31.63 -3.68 0.06	29.31 -3.64 5.75	31.13 -4.08 9.59	34.03 -4.17 7.64	35.86 -4.33 6.34	38.34 -4.87 5.00	42.39 -5.50 6.56	49.90 -6.04 11.97	57.17 -5.65 14.60	63.52 -6.96 6.86	55.61 -6.64 5.50	49.66 -5.82 2.70	42.51 -5.47 1.75	39.04 -4.45 1.02
GARDNVLA_35_KV_LD 355827	35.03 -4.86 0.25	31.12 -4.34 0.14	30.09 -3.91 -0.27	26.64 -3.54 -0.42	25.15 -3.04 -0.55	25.78 -3.28 -0.30	24.57 -3.05 -0.41	23.80 -3.12 0.20	28.23 -3.24 0.01	30.52 -3.06 0.00	31.75 -3.57 0.05	30.31 -3.56 4.83	32.64 -3.99 8.17	35.23 -4.03 6.58	36.80 -4.19 5.54	38.95 -4.82 4.44	43.10 -5.50 5.84	51.39 -5.91 10.62	59.61 -5.26 12.55	64.23 -6.96 6.15	56.23 -6.44 5.08	49.96 -5.64 2.57	42.67 -5.32 1.74	39.13 -4.36 1.02
GELCKHM___115KV_LOAD 80723	39.71 -0.88 -0.44	35.06 -0.75 -0.21	33.35 -0.57 -0.19	29.50 -0.57 -0.30	27.59 -0.44 -0.39	28.49 -0.49 -0.21	26.95 -0.49 -0.24	26.95 -0.52 -0.35	30.98 -0.50 0.00	33.11 -0.47 0.00	34.70 -0.67 0.00	37.58 -0.97 0.15	43.15 -1.12 0.51	44.12 -1.15 0.58	44.72 -1.16 0.65	46.43 -1.11 0.68	52.38 -1.14 0.91	64.72 -1.63 1.57	74.66 -1.70 1.06	75.23 -1.47 0.63	65.67 -1.22 0.87	56.91 -1.11 0.16	48.51 -1.04 0.18	43.53 -0.93 0.05
GENERAL___MILLS 23808	34.93 -4.90 0.31	31.06 -4.38 0.17	30.05 -3.95 -0.27	26.61 -3.57 -0.42	25.09 -3.10 -0.54	25.75 -3.31 -0.30	24.54 -3.07 -0.41	23.70 -3.17 0.24	28.20 -3.27 0.01	30.49 -3.09 0.00	31.68 -3.64 0.05	30.06 -3.56 5.08	32.25 -3.99 8.55	34.89 -4.08 6.87	36.54 -4.23 5.76	38.79 -4.82 4.60	42.85 -5.55 6.04	50.95 -5.98 10.99	58.90 -5.42 13.11	63.96 -7.04 6.34	55.99 -6.57 5.20	49.81 -5.76 2.61	42.57 -5.42 1.75	39.04 -4.45 1.02
GE_PLASTICS___DRP 24183	47.21 1.12 -5.94	39.37 1.00 -2.76	37.28 0.98 -2.57	34.64 0.86 -4.02	33.70 0.83 -5.23	32.42 0.83 -2.82	31.17 0.79 -3.18	32.52 0.76 -4.64	32.28 0.79 0.00	34.28 0.71 0.00	36.22 0.85 0.00	39.67 0.97 0.00	45.91 1.12 0.00	46.99 1.15 0.00	47.74 1.21 0.00	49.32 1.11 0.00	55.69 1.25 0.00	69.14 1.22 0.00	78.58 1.16 0.00	78.19 0.85 0.00	68.57 0.81 0.00	58.93 0.76 0.00	50.38 0.65 0.00	45.31 0.80 0.00
GILBOA___1 23756	46.13 1.25 -4.74	38.87 1.07 -2.20	36.72 0.94 -2.05	33.79 0.83 -3.20	32.61 0.80 -4.16	31.85 0.83 -2.24	30.55 0.82 -2.54	31.63 0.81 -3.70	32.43 0.94 0.00	34.65 1.07 0.00	36.47 1.10 0.00	40.05 1.35 0.00	46.36 1.57 0.00	47.45 1.60 0.00	48.20 1.67 0.00	49.80 1.59 0.00	56.18 1.74 0.00	69.48 1.56 0.00	79.05 1.63 0.00	78.73 1.39 0.00	68.83 1.08 0.01	59.27 1.10 0.01	50.72 0.99 0.01	45.58 1.07 0.00
GILBOA___2 23757	46.13 1.25 -4.74	38.87 1.07 -2.20	36.72 0.94 -2.05	33.79 0.83 -3.20	32.61 0.80 -4.16	31.85 0.83 -2.24	30.55 0.82 -2.54	31.63 0.81 -3.70	32.43 0.94 0.00	34.65 1.07 0.00	36.47 1.10 0.00	40.05 1.35 0.00	46.36 1.57 0.00	47.45 1.60 0.00	48.20 1.67 0.00	49.80 1.59 0.00	56.18 1.74 0.00	69.48 1.56 0.00	79.05 1.63 0.00	78.73 1.39 0.00	68.83 1.08 0.01	59.27 1.10 0.01	50.72 0.99 0.01	45.58 1.07 0.00
GILBOA___3 23758	46.13 1.25 -4.74	38.87 1.07 -2.20	36.72 0.94 -2.05	33.79 0.83 -3.20	32.61 0.80 -4.16	31.85 0.83 -2.24	30.55 0.82 -2.54	31.63 0.81 -3.70	32.43 0.94 0.00	34.65 1.07 0.00	36.47 1.10 0.00	40.05 1.35 0.00	46.36 1.57 0.00	47.45 1.60 0.00	48.20 1.67 0.00	49.80 1.59 0.00	56.18 1.74 0.00	69.48 1.56 0.00	79.05 1.63 0.00	78.73 1.39 0.00	68.83 1.08 0.01	59.27 1.10 0.01	50.72 0.99 0.01	45.58 1.07 0.00

GILBOA___4 23759	46.13 1.25 -4.74	38.87 1.07 -2.20	36.72 0.94 -2.05	33.79 0.83 -3.20	32.61 0.80 -4.16	31.85 0.83 -2.24	30.55 0.82 -2.54	31.63 0.81 -3.70	32.43 0.94 0.00	34.65 1.07 0.00	36.47 1.10 0.00	40.05 1.35 0.00	46.36 1.57 0.00	47.45 1.60 0.00	48.20 1.67 0.00	49.80 1.59 0.00	56.18 1.74 0.00	69.48 1.56 0.00	79.05 1.63 0.00	78.73 1.39 0.00	68.83 1.08 0.01	59.27 1.10 0.01	50.72 0.99 0.01	45.58 1.07 0.00
GILBOA____ 23599	46.12 1.24 -4.74	38.87 1.07 -2.20	36.72 0.94 -2.05	33.79 0.83 -3.20	32.61 0.80 -4.16	31.85 0.83 -2.24	30.56 0.82 -2.54	31.63 0.81 -3.70	32.43 0.94 0.00	34.55 0.97 0.00	36.47 1.10 0.00	40.01 1.32 0.00	46.31 1.52 0.00	47.45 1.60 0.00	48.21 1.68 0.00	49.80 1.59 0.00	56.18 1.74 0.00	69.55 1.63 0.00	79.05 1.63 0.00	78.73 1.39 0.00	68.83 1.08 0.01	59.27 1.11 0.01	50.72 0.99 0.01	45.58 1.07 0.00
GINNA____ 23603	36.73 -3.78 -0.36	32.42 -3.35 -0.16	30.97 -3.00 -0.24	27.43 -2.71 -0.37	25.83 -2.29 -0.49	26.53 -2.50 -0.26	25.15 -2.34 -0.29	24.99 -2.41 -0.28	28.81 -2.68 0.00	30.36 -3.22 0.00	32.28 -3.08 0.01	33.53 -3.83 1.34	37.41 -4.43 2.94	38.51 -4.54 2.79	39.02 -4.75 2.77	40.97 -4.63 2.61	46.26 -4.68 3.49	56.15 -5.64 6.13	64.67 -6.81 5.94	67.64 -5.88 3.82	59.01 -5.01 3.73	51.70 -4.30 2.17	43.97 -4.03 1.73	39.80 -3.52 1.19
GLEN PARK____ 23778	40.48 0.08 -0.25	35.79 0.07 -0.12	34.08 0.24 -0.11	30.20 0.27 -0.17	28.14 0.28 -0.22	29.29 0.40 -0.12	27.58 0.24 -0.14	27.48 0.16 -0.20	31.62 0.13 0.00	33.71 0.13 0.00	35.05 -0.32 0.00	38.43 -0.27 0.00	44.12 -0.67 0.00	44.88 -0.96 0.00	45.41 -1.12 0.00	47.20 -1.01 0.00	53.57 -0.87 0.00	67.51 -0.41 0.00	78.65 0.93 -0.29	79.95 2.16 -0.45	70.24 2.23 -0.25	60.57 1.81 -0.60	51.62 1.44 -0.44	46.10 1.20 -0.38
GLENDALE_27_KV_LOAD 356172	48.71 3.69 -4.87	40.94 3.06 -2.27	38.50 2.66 -2.11	35.41 2.35 -3.29	34.17 2.24 -4.28	33.47 2.39 -2.31	32.13 2.31 -2.61	33.39 2.47 -3.81	34.35 2.87 0.00	36.72 3.12 -0.02	38.96 3.57 -0.02	42.88 4.10 -0.08	49.84 5.02 -0.03	54.27 5.18 -3.25	57.43 5.40 -5.50	62.45 5.30 -8.93	65.81 5.83 -5.55	77.05 6.93 -2.20	84.55 7.12 0.00	84.00 6.65 -0.01	72.90 5.15 0.01	62.18 4.01 0.01	53.52 3.78 -0.01	48.21 3.69 -0.01
GLENWOOD_IC_1_G5 23712	48.42 3.41 -4.86	40.75 2.88 -2.26	38.29 2.46 -2.10	35.28 2.23 -3.29	33.94 2.02 -4.28	33.29 2.22 -2.31	31.88 2.07 -2.61	33.19 2.28 -3.80	34.35 2.87 0.00	43.80 3.06 -7.16	44.87 3.50 -6.00	48.71 4.10 -5.91	50.11 4.93 -0.40	52.03 5.18 -1.00	53.52 5.40 -1.59	56.58 5.35 -3.02	60.85 5.99 -0.42	74.68 6.72 -0.04	83.46 6.04 0.00	82.82 5.49 0.00	71.74 4.00 0.01	61.48 3.32 0.01	52.66 2.93 0.01	47.76 3.25 0.00
GLENWOOD_IC_2_G1 23688	48.22 3.21 -4.86	40.57 2.70 -2.26	38.16 2.33 -2.10	35.13 2.08 -3.29	33.83 1.91 -4.28	33.17 2.10 -2.31	31.79 1.98 -2.61	33.06 2.14 -3.80	34.16 2.68 0.00	43.73 2.99 -7.16	44.62 3.25 -6.00	48.51 3.91 -5.91	49.84 4.66 -0.40	51.63 4.81 -0.98	52.89 4.98 -1.38	56.19 4.97 -3.02	60.36 5.50 -0.42	74.34 6.38 -0.04	83.54 6.11 0.00	82.91 5.57 0.00	71.81 4.07 0.01	61.31 3.14 0.01	52.56 2.83 0.01	47.58 3.07 0.00
GLENWOOD_IC_3_G1 23689	48.22 3.21 -4.86	40.57 2.70 -2.26	38.16 2.33 -2.10	35.13 2.08 -3.29	33.83 1.91 -4.28	33.17 2.10 -2.31	31.79 1.98 -2.61	33.06 2.14 -3.80	34.16 2.68 0.00	43.73 2.99 -7.16	44.62 3.25 -6.00	48.51 3.91 -5.91	49.84 4.66 -0.40	51.63 4.81 -0.98	52.89 4.98 -1.38	56.19 4.97 -3.02	60.36 5.50 -0.42	74.34 6.38 -0.04	83.54 6.11 0.00	82.91 5.57 0.00	71.81 4.07 0.01	61.31 3.14 0.01	52.56 2.83 0.01	47.58 3.07 0.00
GLENWOOD___4 23550	48.42 3.41 -4.86	40.75 2.88 -2.26	38.29 2.46 -2.10	35.28 2.23 -3.29	33.94 2.02 -4.28	33.29 2.22 -2.31	31.88 2.07 -2.61	33.19 2.28 -3.80	34.35 2.87 0.00	43.80 3.06 -7.16	44.87 3.50 -6.00	48.71 4.10 -5.91	50.11 4.93 -0.40	52.03 5.18 -1.00	53.52 5.40 -1.59	56.58 5.35 -3.02	60.85 5.99 -0.42	74.82 6.86 -0.04	83.69 6.27 0.00	82.98 5.65 0.00	71.88 4.13 0.01	61.48 3.32 0.01	52.66 2.93 0.01	47.76 3.25 0.00
GLENWOOD___5 23614	48.42 3.41 -4.86	40.75 2.88 -2.26	38.29 2.46 -2.10	35.28 2.23 -3.29	33.94 2.02 -4.28	33.29 2.22 -2.31	31.88 2.07 -2.61	33.19 2.28 -3.80	34.35 2.87 0.00	43.80 3.06 -7.16	44.87 3.50 -6.00	48.71 4.10 -5.91	50.11 4.93 -0.40	52.03 5.18 -1.00	53.52 5.40 -1.59	56.58 5.35 -3.02	60.85 5.99 -0.42	74.82 6.86 -0.04	83.69 6.27 0.00	82.98 5.65 0.00	71.88 4.13 0.01	61.48 3.32 0.01	52.66 2.93 0.01	47.76 3.25 0.00
GLOBAL GREEN_PORT_GT1 23814	49.06 4.05 -4.86	41.50 3.63 -2.26	38.90 3.07 -2.10	36.05 3.00 -3.29	34.63 2.71 -4.28	34.04 2.96 -2.31	32.55 2.75 -2.61	33.98 3.06 -3.80	35.94 4.44 -0.01	45.66 4.90 -7.17	46.07 4.71 -6.00	49.79 5.19 -5.91	51.37 6.18 -0.40	53.55 6.74 -0.97	54.79 7.03 -1.23	60.51 7.04 -5.26	72.53 8.01 -10.08	83.67 8.96 -6.78	95.64 8.29 -9.93	93.24 7.58 -8.32	72.97 5.22 0.00	61.41 3.26 0.01	52.50 2.78 0.01	48.20 3.69 0.00
GLOBE___DSASP 323697	34.84 -5.14 0.16	30.64 -4.88 0.09	29.75 -4.22 -0.24	26.20 -3.93 -0.36	24.85 -3.26 -0.47	25.46 -3.57 -0.26	24.04 -3.54 -0.38	23.33 -3.66 0.12	27.37 -4.09 0.03	29.66 -3.90 0.02	30.63 -4.70 0.04	29.64 -4.91 4.14	32.07 -5.55 7.17	34.42 -5.55 5.88	35.72 -5.77 5.05	38.24 -5.83 4.14	43.00 -5.99 5.45	50.16 -7.88 9.88	56.16 -9.52 11.74	63.19 -8.35 5.79	54.15 -8.60 5.00	48.15 -7.39 2.63	41.19 -6.66 1.88	38.26 -5.16 1.09
GOETHSLN___LBMP 323567	48.22 3.21 -4.86	40.50 2.63 -2.26	38.09 2.26 -2.10	35.07 2.02 -3.29	33.83 1.91 -4.28	33.11 2.04 -2.31	31.79 1.99 -2.61	33.09 2.17 -3.80	34.04 2.55 0.00	36.31 2.72 -0.01	38.57 3.18 -0.01	42.57 3.79 -0.07	49.38 4.57 -0.03	53.56 4.81 -2.90	56.46 5.03 -4.90	61.14 4.97 -7.97	64.83 5.44 -4.95	76.34 6.45 -1.96	83.69 6.27 0.00	83.23 5.88 -0.01	72.22 4.47 0.01	61.48 3.32 0.01	52.98 3.23 -0.01	47.68 3.16 -0.01
GOLAH___69_KV_TB 1_2 80279	37.76 -2.77 -0.38	33.29 -2.49 -0.17	31.89 -2.09 -0.25	28.19 -1.96 -0.39	26.60 -1.55 -0.50	27.31 -1.73 -0.27	25.90 -1.60 -0.31	25.65 -1.76 -0.30	29.53 -1.95 0.00	31.77 -1.81 0.00	33.06 -2.30 0.01	34.46 -2.86 1.38	38.49 -3.31 2.98	39.64 -3.39 2.81	40.23 -3.54 2.77	42.34 -3.28 2.59	47.92 -3.05 3.48	57.54 -4.28 6.10	67.06 -4.41 5.95	69.98 -3.56 3.80	60.93 -3.12 3.71	53.39 -2.62 2.16	45.32 -2.69 1.72	41.17 -2.18 1.16
GOODYEAR_LAKE_HYD 323669	42.86 1.20 -1.51	37.34 1.03 -0.70	35.32 0.94 -0.65	31.58 0.80 -1.02	29.74 0.77 -1.33	30.32 0.83 -0.71	28.78 0.76 -0.81	29.06 0.76 -1.18	32.37 0.88 0.00	34.59 1.01 0.00	36.36 0.99 0.00	39.94 1.24 0.00	46.18 1.39 -0.01	47.18 1.33 0.00	47.88 1.35 0.00	49.51 1.30 0.00	55.97 1.52 0.00	69.82 1.90 0.00	79.98 2.48 -0.08	79.90 2.47 -0.09	69.82 2.03 -0.04	59.97 1.69 -0.11	51.25 1.44 -0.08	45.97 1.38 -0.08

GOUDEY___1 345031	41.22 -0.64 -1.71	35.84 -0.57 -0.80	33.89 -0.51 -0.67	30.33 -0.48 -1.05	28.65 -0.36 -1.36	29.10 -0.40 -0.74	27.67 -0.38 -0.85	28.08 -0.38 -1.34	31.18 -0.31 0.00	33.55 -0.03 0.00	35.27 -0.11 -0.01	39.37 -0.04 -0.71	45.65 -0.04 -0.91	46.35 -0.05 -0.55	46.76 -0.05 -0.28	48.11 -0.14 -0.04	54.30 -0.16 -0.03	67.96 -0.14 -0.17	78.73 0.23 -1.07	77.53 0.00 -0.19	67.39 -0.14 0.23	57.97 -0.17 0.02	49.29 -0.30 0.14	44.31 -0.18 0.02
GOUDEY___7 23579	41.22 -0.64 -1.71	35.84 -0.57 -0.80	33.89 -0.51 -0.67	30.33 -0.48 -1.05	28.65 -0.36 -1.36	29.10 -0.40 -0.74	27.67 -0.38 -0.85	28.08 -0.38 -1.34	31.18 -0.31 0.00	33.55 -0.03 0.00	35.27 -0.11 -0.01	39.37 -0.04 -0.71	45.65 -0.04 -0.91	46.35 -0.05 -0.55	46.76 -0.05 -0.28	48.11 -0.14 -0.04	54.30 -0.16 -0.03	67.96 -0.14 -0.17	78.73 0.23 -1.07	77.53 0.00 -0.19	67.39 -0.14 0.23	57.97 -0.17 0.02	49.29 -0.30 0.14	44.31 -0.18 0.02
GOUDEY___8 23580	41.22 -0.64 -1.71	35.84 -0.57 -0.80	33.89 -0.51 -0.67	30.33 -0.48 -1.05	28.65 -0.36 -1.36	29.10 -0.40 -0.74	27.67 -0.38 -0.85	28.08 -0.38 -1.34	31.18 -0.31 0.00	33.55 -0.03 0.00	35.27 -0.11 -0.01	39.37 -0.04 -0.71	45.65 -0.04 -0.91	46.35 -0.05 -0.55	46.76 -0.05 -0.28	48.11 -0.14 -0.04	54.30 -0.16 -0.03	67.96 -0.14 -0.17	78.73 0.23 -1.07	77.53 0.00 -0.19	67.39 -0.14 0.23	57.97 -0.17 0.02	49.29 -0.30 0.14	44.31 -0.18 0.02
GOWANUS_GT1_1 24077	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.13 2.31 -2.61	33.42 2.49 -3.81	34.35 2.87 0.00	36.75 3.16 -0.02	39.00 3.61 -0.02	42.73 3.95 -0.08	49.84 5.02 -0.03	54.14 5.04 -3.25	57.33 5.30 -5.50	62.26 5.11 -8.93	65.65 5.66 -5.55	76.85 6.72 -2.20	84.39 6.97 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.25 4.07 0.00	53.52 3.78 -0.01	48.22 3.69 -0.02
GOWANUS_GT1_2 24078	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.13 2.31 -2.61	33.42 2.49 -3.81	34.35 2.87 0.00	36.75 3.16 -0.02	39.00 3.61 -0.02	42.73 3.95 -0.08	49.84 5.02 -0.03	54.14 5.04 -3.25	57.33 5.30 -5.50	62.26 5.11 -8.93	65.65 5.66 -5.55	76.85 6.72 -2.20	84.39 6.97 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.25 4.07 0.00	53.52 3.78 -0.01	48.22 3.69 -0.02
GOWANUS_GT1_3 24079	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.13 2.31 -2.61	33.42 2.49 -3.81	34.35 2.87 0.00	36.75 3.16 -0.02	39.00 3.61 -0.02	42.73 3.95 -0.08	49.84 5.02 -0.03	54.14 5.04 -3.25	57.33 5.30 -5.50	62.26 5.11 -8.93	65.65 5.66 -5.55	76.85 6.72 -2.20	84.39 6.97 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.25 4.07 0.00	53.52 3.78 -0.01	48.22 3.69 -0.02
GOWANUS_GT1_4 24080	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.13 2.31 -2.61	33.42 2.49 -3.81	34.35 2.87 0.00	36.75 3.16 -0.02	39.00 3.61 -0.02	42.73 3.95 -0.08	49.84 5.02 -0.03	54.14 5.04 -3.25	57.33 5.30 -5.50	62.26 5.11 -8.93	65.65 5.66 -5.55	76.85 6.72 -2.20	84.39 6.97 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.25 4.07 0.00	53.52 3.78 -0.01	48.22 3.69 -0.02
GOWANUS_GT1_5 24084	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.13 2.31 -2.61	33.42 2.49 -3.81	34.35 2.87 0.00	36.75 3.16 -0.02	39.00 3.61 -0.02	42.73 3.95 -0.08	49.84 5.02 -0.03	54.14 5.04 -3.25	57.33 5.30 -5.50	62.26 5.11 -8.93	65.65 5.66 -5.55	76.85 6.72 -2.20	84.39 6.97 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.25 4.07 0.00	53.52 3.78 -0.01	48.22 3.69 -0.02
GOWANUS_GT1_6 24111	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.13 2.31 -2.61	33.42 2.49 -3.81	34.35 2.87 0.00	36.75 3.16 -0.02	39.00 3.61 -0.02	42.73 3.95 -0.08	49.84 5.02 -0.03	54.14 5.04 -3.25	57.33 5.30 -5.50	62.26 5.11 -8.93	65.65 5.66 -5.55	76.85 6.72 -2.20	84.39 6.97 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.25 4.07 0.00	53.52 3.78 -0.01	48.22 3.69 -0.02
GOWANUS_GT1_7 24112	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.13 2.31 -2.61	33.42 2.49 -3.81	34.35 2.87 0.00	36.75 3.16 -0.02	39.00 3.61 -0.02	42.73 3.95 -0.08	49.84 5.02 -0.03	54.14 5.04 -3.25	57.33 5.30 -5.50	62.26 5.11 -8.93	65.65 5.66 -5.55	76.85 6.72 -2.20	84.39 6.97 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.25 4.07 0.00	53.52 3.78 -0.01	48.22 3.69 -0.02
GOWANUS_GT1_8 24113	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.13 2.31 -2.61	33.42 2.49 -3.81	34.35 2.87 0.00	36.75 3.16 -0.02	39.00 3.61 -0.02	42.73 3.95 -0.08	49.84 5.02 -0.03	54.14 5.04 -3.25	57.33 5.30 -5.50	62.26 5.11 -8.93	65.65 5.66 -5.55	76.85 6.72 -2.20	84.39 6.97 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.25 4.07 0.00	53.52 3.78 -0.01	48.22 3.69 -0.02
GOWANUS_GT2_1 24114	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
GOWANUS_GT2_2 24115	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
GOWANUS_GT2_3 24116	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
GOWANUS_GT2_4 24117	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02

GOWANUS_GT2_5 24118	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
GOWANUS_GT2_6 24119	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
GOWANUS_GT2_7 24120	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
GOWANUS_GT2_8 24121	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
GOWANUS_GT3_1 24122	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
GOWANUS_GT3_2 24123	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
GOWANUS_GT3_3 24124	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
GOWANUS_GT3_4 24125	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
GOWANUS_GT3_5 24126	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
GOWANUS_GT3_6 24127	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
GOWANUS_GT3_7 24128	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
GOWANUS_GT3_8 24129	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
GOWANUS_GT4_1 24130	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.13 2.31 -2.61	33.42 2.49 -3.81	34.35 2.87 0.00	36.75 3.16 -0.02	39.00 3.61 -0.02	42.73 3.95 -0.08	49.84 5.02 -0.03	54.14 5.04 -3.25	57.33 5.30 -5.50	62.26 5.11 -8.93	65.65 5.66 -5.55	76.85 6.72 -2.20	84.39 6.97 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.25 4.07 0.00	53.52 3.78 -0.01	48.22 3.69 -0.02
GOWANUS_GT4_2 24131	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.13 2.31 -2.61	33.42 2.49 -3.81	34.35 2.87 0.00	36.75 3.16 -0.02	39.00 3.61 -0.02	42.73 3.95 -0.08	49.84 5.02 -0.03	54.14 5.04 -3.25	57.33 5.30 -5.50	62.26 5.11 -8.93	65.65 5.66 -5.55	76.85 6.72 -2.20	84.39 6.97 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.25 4.07 0.00	53.52 3.78 -0.01	48.22 3.69 -0.02
GOWANUS_GT4_3 24132	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.13 2.31 -2.61	33.42 2.49 -3.81	34.35 2.87 0.00	36.75 3.16 -0.02	39.00 3.61 -0.02	42.73 3.95 -0.08	49.84 5.02 -0.03	54.14 5.04 -3.25	57.33 5.30 -5.50	62.26 5.11 -8.93	65.65 5.66 -5.55	76.85 6.72 -2.20	84.39 6.97 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.25 4.07 0.00	53.52 3.78 -0.01	48.22 3.69 -0.02

GOWANUS_GT4_4 24133	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.13 2.31 -2.61	33.42 2.49 -3.81	34.35 2.87 0.00	36.75 3.16 -0.02	39.00 3.61 -0.02	42.73 3.95 -0.08	49.84 5.02 -0.03	54.14 5.04 -3.25	57.33 5.30 -5.50	62.26 5.11 -8.93	65.65 5.66 -5.55	76.85 6.72 -2.20	84.39 6.97 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.25 4.07 0.00	53.52 3.78 -0.01	48.22 3.69 -0.02
GOWANUS_GT4_5 24134	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.13 2.31 -2.61	33.42 2.49 -3.81	34.35 2.87 0.00	36.75 3.16 -0.02	39.00 3.61 -0.02	42.73 3.95 -0.08	49.84 5.02 -0.03	54.14 5.04 -3.25	57.33 5.30 -5.50	62.26 5.11 -8.93	65.65 5.66 -5.55	76.85 6.72 -2.20	84.39 6.97 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.25 4.07 0.00	53.52 3.78 -0.01	48.22 3.69 -0.02
GOWANUS_GT4_6 24135	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.13 2.31 -2.61	33.42 2.49 -3.81	34.35 2.87 0.00	36.75 3.16 -0.02	39.00 3.61 -0.02	42.73 3.95 -0.08	49.84 5.02 -0.03	54.14 5.04 -3.25	57.33 5.30 -5.50	62.26 5.11 -8.93	65.65 5.66 -5.55	76.85 6.72 -2.20	84.39 6.97 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.25 4.07 0.00	53.52 3.78 -0.01	48.22 3.69 -0.02
GOWANUS_GT4_7 24136	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.13 2.31 -2.61	33.42 2.49 -3.81	34.35 2.87 0.00	36.75 3.16 -0.02	39.00 3.61 -0.02	42.73 3.95 -0.08	49.84 5.02 -0.03	54.14 5.04 -3.25	57.33 5.30 -5.50	62.26 5.11 -8.93	65.65 5.66 -5.55	76.85 6.72 -2.20	84.39 6.97 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.25 4.07 0.00	53.52 3.78 -0.01	48.22 3.69 -0.02
GOWANUS_GT4_8 24137	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.13 2.31 -2.61	33.42 2.49 -3.81	34.35 2.87 0.00	36.75 3.16 -0.02	39.00 3.61 -0.02	42.73 3.95 -0.08	49.84 5.02 -0.03	54.14 5.04 -3.25	57.33 5.30 -5.50	62.26 5.11 -8.93	65.65 5.66 -5.55	76.85 6.72 -2.20	84.39 6.97 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.25 4.07 0.00	53.52 3.78 -0.01	48.22 3.69 -0.02
GREENBSH_115KV_TB3 55895	47.25 1.12 -5.98	39.38 1.00 -2.78	37.36 1.05 -2.59	34.73 0.92 -4.04	33.79 0.88 -5.26	32.49 0.89 -2.84	31.25 0.84 -3.20	32.60 0.81 -4.67	32.24 0.76 0.00	34.22 0.64 0.00	36.15 0.78 0.00	39.63 0.93 0.00	45.82 1.03 0.00	46.94 1.10 0.00	47.69 1.16 0.00	49.22 1.01 0.00	55.58 1.14 0.00	68.94 1.02 0.00	78.35 0.93 0.00	77.95 0.62 0.00	68.37 0.61 0.00	58.75 0.58 0.00	50.23 0.50 0.00	45.22 0.71 0.00
GREENDGE_115KV_TB5 80291	42.26 -0.60 -2.72	36.35 -0.57 -1.31	33.73 -0.40 -0.41	29.95 -0.45 -0.64	28.22 -0.25 -0.83	28.90 -0.32 -0.45	27.43 -0.30 -0.53	28.81 -0.43 -2.12	31.16 -0.35 -0.02	33.24 -0.34 0.00	34.93 -0.53 -0.09	45.93 -0.54 -7.77	55.80 -0.63 -11.64	53.60 -0.64 -8.40	51.96 -0.65 -6.08	51.33 -0.77 -3.89	58.74 -0.65 -4.96	77.27 -0.34 -9.69	94.10 0.93 -15.75	83.40 1.01 -5.06	70.97 0.88 -2.33	59.35 0.58 -0.60	49.46 0.10 0.37	44.41 0.04 0.15
GREENIDGE___3 23582	42.26 -0.60 -2.72	36.35 -0.57 -1.31	33.73 -0.40 -0.41	29.95 -0.45 -0.64	28.22 -0.25 -0.83	28.90 -0.32 -0.45	27.43 -0.30 -0.53	28.81 -0.43 -2.12	31.16 -0.35 -0.02	33.24 -0.34 0.00	34.93 -0.53 -0.09	45.93 -0.54 -7.77	55.80 -0.63 -11.64	53.60 -0.64 -8.40	51.96 -0.65 -6.08	51.33 -0.77 -3.89	58.74 -0.65 -4.96	77.27 -0.34 -9.69	94.10 0.93 -15.75	83.40 1.01 -5.06	70.97 0.88 -2.33	59.35 0.58 -0.60	49.46 0.10 0.37	44.41 0.04 0.15
GREENIDGE___4 23583	42.26 -0.60 -2.72	36.35 -0.57 -1.31	33.73 -0.40 -0.41	29.96 -0.45 -0.64	28.22 -0.25 -0.83	28.93 -0.29 -0.45	27.43 -0.30 -0.53	28.81 -0.43 -2.12	31.13 -0.38 -0.02	33.31 -0.27 0.00	34.93 -0.53 -0.09	45.93 -0.54 -7.77	55.75 -0.67 -11.64	53.60 -0.64 -8.40	51.96 -0.65 -6.08	51.33 -0.77 -3.89	58.75 -0.65 -4.96	77.06 -0.55 -9.69	94.10 0.93 -15.75	83.32 0.93 -5.06	71.04 0.95 -2.33	59.35 0.58 -0.60	49.46 0.10 0.37	44.41 0.04 0.15
GREENLWN_69_KV_BK 3 55738	48.42 3.41 -4.86	40.82 2.96 -2.26	38.33 2.50 -2.10	35.40 2.35 -3.29	33.94 2.02 -4.28	33.32 2.24 -2.31	31.82 2.01 -2.61	33.22 2.30 -3.80	34.60 3.12 0.00	44.03 3.29 -7.16	44.91 3.54 -6.00	48.71 4.10 -5.91	49.98 4.79 -0.40	51.61 4.81 -0.96	52.70 4.93 -1.24	55.04 4.87 -1.96	57.11 5.44 2.78	69.76 6.45 4.61	75.68 5.11 6.85	75.93 4.33 5.74	70.58 2.85 0.02	59.90 1.75 0.01	51.61 1.89 0.01	47.54 3.03 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.13 2.31 -2.61	33.42 2.49 -3.81	34.35 2.87 0.00	36.75 3.16 -0.02	39.00 3.61 -0.02	42.73 3.95 -0.08	49.84 5.02 -0.03	54.14 5.04 -3.25	57.33 5.30 -5.50	62.26 5.11 -8.93	65.65 5.66 -5.55	76.85 6.72 -2.20	84.39 6.97 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.25 4.07 0.00	53.52 3.78 -0.01	48.22 3.69 -0.02
GRISSOM___SOLAR 323813	48.76 2.05 -6.57	40.44 1.78 -3.05	38.15 1.59 -2.84	35.54 1.34 -4.44	34.74 1.33 -5.78	33.26 1.38 -3.11	31.86 1.14 -3.52	33.19 0.95 -5.13	32.31 0.82 0.00	34.22 0.64 0.00	35.80 0.43 0.00	39.17 0.47 0.00	45.24 0.45 0.00	46.30 0.46 0.00	47.18 0.65 0.00	49.03 0.82 0.00	55.69 1.25 0.00	69.75 1.83 0.00	80.36 2.94 0.00	80.58 3.25 0.00	71.00 3.25 0.01	60.90 2.73 0.01	51.97 2.24 0.01	46.56 2.05 0.00
GROVEVILLE___HYD 323602	47.98 2.97 -4.87	40.36 2.49 -2.26	37.99 2.16 -2.10	34.95 1.90 -3.29	33.72 1.80 -4.28	32.97 1.90 -2.31	31.66 1.85 -2.61	32.82 1.90 -3.80	33.72 2.24 0.00	35.93 2.35 0.00	38.13 2.76 0.00	41.99 3.29 0.00	48.78 3.99 0.00	50.02 4.17 0.00	50.91 4.37 0.00	52.60 4.39 0.00	59.34 4.90 0.00	73.83 5.91 0.00	83.62 6.19 0.00	83.06 5.72 0.00	72.22 4.47 0.01	61.66 3.49 0.01	52.76 3.03 0.01	47.45 2.94 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	40.00 -0.64 -0.50	35.30 -0.53 -0.23	33.57 -0.37 -0.22	29.71 -0.39 -0.34	27.80 -0.28 -0.44	28.69 -0.32 -0.24	27.14 -0.33 -0.27	27.15 -0.35 -0.39	31.17 -0.31 0.00	33.31 -0.27 0.00	34.91 -0.46 0.00	38.00 -0.70 0.00	43.98 -0.81 0.00	45.02 -0.83 0.00	45.65 -0.88 0.00	47.39 -0.82 0.00	53.62 -0.82 0.00	66.70 -1.22 0.00	76.65 -1.16 -0.39	77.08 -0.85 -0.60	67.34 -0.75 -0.33	58.32 -0.64 -0.79	49.62 -0.70 -0.59	44.39 -0.62 -0.51
HAMLTNNY_34_KV_TB 80303	39.95 -0.72 -0.53	35.25 -0.61 -0.25	33.52 -0.44 -0.23	29.67 -0.45 -0.36	27.81 -0.30 -0.47	28.64 -0.37 -0.25	27.13 -0.35 -0.28	27.13 -0.41 -0.42	31.11 -0.38 0.00	33.24 -0.34 0.00	34.88 -0.50 0.00	37.93 -0.77 0.00	43.89 -0.90 0.00	44.93 -0.92 0.00	45.55 -0.98 0.00	47.25 -0.96 0.00	53.57 -0.87 0.00	66.63 -1.29 0.00	76.65 -1.16 -0.39	77.08 -0.85 -0.60	67.41 -0.68 -0.33	58.32 -0.64 -0.79	49.62 -0.70 -0.59	44.39 -0.62 -0.51

HAMPSHIRE___PAPER_HYD 323593	39.66 -0.60 -0.12	35.20 -0.46 -0.06	33.38 -0.40 -0.05	29.57 -0.27 -0.08	27.50 -0.25 -0.11	28.68 -0.14 -0.06	27.08 -0.19 -0.06	26.97 -0.24 -0.09	31.14 -0.35 0.00	33.24 -0.34 0.00	34.77 -0.60 0.00	38.08 -0.62 0.00	43.94 -0.85 0.00	44.88 -0.96 0.00	45.46 -1.07 0.00	47.20 -1.01 0.00	53.40 -1.04 0.00	67.17 -0.75 0.00	77.46 -0.08 -0.11	78.28 0.77 -0.18	68.80 0.95 -0.10	59.16 0.75 -0.23	50.55 0.64 -0.17	45.10 0.45 -0.15
HARDSCRABBLE_WT_PWR 323673	40.67 0.52 0.00	36.00 0.39 0.00	34.07 0.34 0.00	30.06 0.30 0.00	27.92 0.28 0.00	29.05 0.29 0.00	27.47 0.27 0.00	27.39 0.27 0.00	31.84 0.35 0.00	33.95 0.37 0.00	35.69 0.32 0.00	39.09 0.39 0.00	45.15 0.36 0.00	46.12 0.28 0.00	46.77 0.23 0.00	48.45 0.24 0.00	54.87 0.43 0.00	68.46 0.54 0.00	78.28 0.85 0.00	78.27 0.93 0.00	68.63 0.88 0.00	58.99 0.81 0.00	50.48 0.75 0.00	45.35 0.84 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	47.40 2.69 -4.56	39.97 2.24 -2.12	37.62 1.92 -1.97	34.54 1.70 -3.08	33.23 1.58 -4.01	32.63 1.70 -2.16	31.30 1.66 -2.44	32.44 1.76 -3.56	33.54 2.05 0.00	35.76 2.18 0.00	37.95 2.58 0.00	41.79 3.10 0.00	48.55 3.76 0.00	49.79 3.94 0.00	50.67 4.14 0.00	52.31 4.10 0.00	59.01 4.57 0.00	73.35 5.43 0.00	83.07 5.65 0.00	82.52 5.18 0.00	71.75 4.00 0.01	61.25 3.08 0.01	52.46 2.74 0.01	47.14 2.63 0.00
HARSNRAD_115KV_TB1 81005	34.72 -5.26 0.16	30.81 -4.70 0.09	29.79 -4.18 -0.25	26.28 -3.87 -0.38	24.90 -3.23 -0.50	25.53 -3.51 -0.27	24.31 -3.26 -0.37	23.63 -3.36 0.12	27.79 -3.68 0.01	30.09 -3.49 0.00	31.12 -4.21 0.04	30.12 -4.41 4.17	32.61 -4.97 7.21	34.76 -5.18 5.90	36.03 -5.44 5.06	38.74 -5.35 4.12	43.45 -5.55 5.44	50.95 -7.13 9.84	58.15 -7.59 11.69	64.23 -7.35 5.75	55.38 -7.45 4.92	49.26 -6.34 2.57	42.00 -5.92 1.82	38.66 -4.76 1.09
HARZA MOOSE___RIVER 24016	40.14 -0.16 -0.16	35.54 -0.14 -0.07	33.76 -0.03 -0.07	29.90 0.03 -0.11	27.89 0.11 -0.14	29.04 0.20 -0.07	27.45 0.16 -0.08	27.38 0.14 -0.12	31.61 0.13 0.00	33.71 0.13 0.00	35.27 -0.11 0.00	38.66 -0.04 0.00	44.56 -0.22 0.00	45.48 -0.37 0.00	46.11 -0.42 0.00	47.87 -0.34 0.00	54.28 -0.16 0.00	68.06 0.14 0.00	78.30 0.77 -0.10	79.04 1.55 -0.15	69.33 1.49 -0.09	59.60 1.22 -0.20	50.88 0.99 -0.15	45.49 0.85 -0.13
HDSNBRDG_115KV_BRDG_TB1 355580	39.71 -0.88 -0.45	35.07 -0.75 -0.21	33.31 -0.61 -0.19	29.50 -0.57 -0.30	27.59 -0.44 -0.39	28.46 -0.52 -0.21	26.95 -0.49 -0.24	26.95 -0.52 -0.35	30.98 -0.50 0.00	33.11 -0.47 0.00	34.70 -0.67 0.00	37.59 -0.93 0.18	43.09 -1.07 0.62	44.04 -1.10 0.70	44.63 -1.12 0.79	46.29 -1.11 0.82	52.25 -1.09 1.11	64.46 -1.56 1.90	74.43 -1.63 1.37	75.03 -1.39 0.91	65.40 -1.22 1.13	56.74 -1.05 0.39	48.32 -1.04 0.37	43.39 -0.93 0.19
HELLGATE_13_KV_LD 55870	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.17 2.24 -4.28	33.47 2.39 -2.31	32.13 2.31 -2.61	33.42 2.49 -3.81	34.39 2.90 0.00	36.75 3.16 -0.02	38.96 3.57 -0.02	42.88 4.10 -0.08	49.84 5.02 -0.03	54.27 5.18 -3.25	57.38 5.35 -5.50	62.40 5.25 -8.93	65.76 5.77 -5.55	76.98 6.86 -2.20	84.39 6.97 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.12 3.96 0.01	53.42 3.68 -0.01	48.17 3.65 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.17 2.24 -4.28	33.47 2.39 -2.31	32.13 2.31 -2.61	33.42 2.49 -3.81	34.39 2.90 0.00	36.75 3.16 -0.02	38.96 3.57 -0.02	42.88 4.10 -0.08	49.84 5.02 -0.03	54.27 5.18 -3.25	57.38 5.35 -5.50	62.40 5.25 -8.93	65.76 5.77 -5.55	76.98 6.86 -2.20	84.39 6.97 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.12 3.96 0.01	53.42 3.68 -0.01	48.17 3.65 -0.01
HEMPSTEAD____ 23647	48.38 3.37 -4.86	40.75 2.88 -2.26	38.26 2.43 -2.10	35.28 2.23 -3.29	33.88 1.96 -4.28	33.26 2.19 -2.31	31.87 2.07 -2.61	33.11 2.20 -3.80	34.45 2.96 0.00	44.00 3.26 -7.16	44.87 3.50 -6.00	48.75 4.14 -5.91	50.11 4.93 -0.40	51.94 5.09 -1.00	53.40 5.26 -1.61	56.48 5.26 -3.02	60.69 5.83 -0.42	74.68 6.73 -0.04	83.30 5.88 0.00	82.60 5.26 0.00	71.40 3.66 0.01	60.95 2.79 0.01	52.21 2.49 0.01	47.58 3.07 0.00
HICKLING___1 23621	40.59 -1.45 -1.89	35.19 -1.32 -0.90	33.14 -1.08 -0.49	29.48 -1.04 -0.76	27.86 -0.77 -0.99	28.44 -0.86 -0.54	27.02 -0.82 -0.63	27.65 -0.95 -1.48	30.58 -0.91 -0.01	32.77 -0.81 0.00	34.42 -0.99 -0.04	40.92 -0.93 -3.15	48.24 -1.03 -4.48	47.86 -1.05 -3.07	47.45 -1.12 -2.03	47.95 -1.35 -1.09	54.31 -1.47 -1.34	69.44 -1.29 -2.82	82.93 -0.15 -5.66	78.25 -0.46 -1.37	67.38 -0.47 -0.10	57.37 -0.58 0.22	48.21 -0.94 0.57	43.46 -0.76 0.29
HICKLING___2 23622	40.59 -1.45 -1.89	35.19 -1.32 -0.90	33.14 -1.08 -0.49	29.48 -1.04 -0.76	27.86 -0.77 -0.99	28.44 -0.86 -0.54	27.02 -0.82 -0.63	27.65 -0.95 -1.48	30.58 -0.91 -0.01	32.77 -0.81 0.00	34.42 -0.99 -0.04	40.92 -0.93 -3.15	48.24 -1.03 -4.48	47.86 -1.05 -3.07	47.45 -1.12 -2.03	47.95 -1.35 -1.09	54.31 -1.47 -1.34	69.44 -1.29 -2.82	82.93 -0.15 -5.66	78.25 -0.46 -1.37	67.38 -0.47 -0.10	57.37 -0.58 0.22	48.21 -0.94 0.57	43.46 -0.76 0.29
HIGH FALLS___HY 23754	48.04 3.09 -4.80	40.36 2.53 -2.23	37.96 2.16 -2.08	34.91 1.90 -3.24	33.63 1.77 -4.22	32.94 1.90 -2.28	31.65 1.88 -2.57	32.82 1.95 -3.75	33.79 2.30 0.00	36.00 2.42 0.00	38.24 2.87 0.00	42.10 3.41 0.00	48.95 4.17 0.00	50.20 4.36 0.00	51.09 4.56 0.00	52.84 4.63 0.00	59.61 5.17 0.00	74.30 6.38 0.00	84.31 6.89 0.00	83.75 6.42 0.00	72.76 5.01 0.01	62.01 3.84 0.01	53.01 3.28 0.01	47.58 3.07 0.00
HIGH_RIVER___SOLAR 323847	48.18 1.65 -6.39	40.04 1.46 -2.97	37.77 1.28 -2.76	35.18 1.10 -4.32	34.34 1.08 -5.62	32.89 1.09 -3.03	31.58 0.95 -3.42	32.84 0.73 -4.99	32.12 0.63 0.00	34.05 0.47 0.00	35.59 0.21 0.00	39.01 0.31 0.00	45.06 0.27 0.00	46.17 0.32 0.00	47.09 0.56 0.00	48.94 0.72 0.00	55.59 1.15 0.00	69.41 1.49 0.00	79.67 2.25 0.00	79.74 2.40 0.00	70.06 2.30 0.00	60.15 1.98 0.00	51.37 1.64 0.00	46.07 1.56 0.00
HILLBURN___GT 23639	47.50 2.73 -4.63	40.04 2.28 -2.15	37.68 1.96 -2.00	34.61 1.73 -3.13	33.34 1.63 -4.07	32.72 1.75 -2.19	31.40 1.71 -2.48	32.58 1.84 -3.61	33.66 2.17 0.00	36.03 2.45 0.00	38.10 2.72 0.00	41.99 3.29 0.00	48.73 3.94 0.00	49.97 4.13 0.00	50.81 4.28 0.00	52.45 4.24 0.00	59.12 4.68 0.00	73.22 5.30 0.00	83.00 5.58 0.00	82.44 5.10 0.00	71.54 3.79 0.01	61.13 2.97 0.01	52.41 2.68 0.01	47.18 2.67 0.00
HILLSIDE_115KV_TB1 80332	40.49 -1.53 -1.87	35.11 -1.39 -0.89	33.04 -1.21 -0.52	29.45 -1.13 -0.81	27.79 -0.91 -1.06	28.36 -0.98 -0.57	26.95 -0.92 -0.67	27.58 -1.00 -1.46	30.52 -0.98 -0.01	32.67 -0.91 0.00	34.34 -1.06 -0.03	40.48 -0.97 -2.75	47.62 -1.07 -3.90	47.41 -1.10 -2.66	47.17 -1.12 -1.76	47.74 -1.40 -0.93	54.01 -1.58 -1.14	68.84 -1.49 -2.41	81.74 -0.62 -4.93	77.38 -1.16 -1.21	66.67 -1.15 -0.07	56.90 -1.11 0.17	47.95 -1.29 0.49	43.21 -1.07 0.23

HISHELDN_WT_PWR 323625	33.89 -4.42 1.84	30.73 -3.95 0.92	30.52 -3.51 -0.30	27.01 -3.21 -0.46	25.54 -2.71 -0.60	26.19 -2.90 -0.33	24.92 -2.72 -0.44	22.84 -2.85 1.43	28.40 -3.05 0.03	30.52 -3.06 0.00	31.78 -3.47 0.13	22.90 -3.56 12.24	21.19 -4.12 19.48	26.82 -4.13 14.90	30.56 -4.23 11.74	35.02 -4.58 8.61	38.20 -5.06 11.18	41.19 -5.84 20.88	43.85 -5.27 28.30	59.90 -6.03 11.40	54.35 -5.42 7.98	50.03 -4.83 3.32	43.61 -4.53 1.60	39.83 -3.74 0.94
HOLTSVILLE_IC_1 23690	48.83 3.82 -4.86	41.29 3.42 -2.26	38.76 2.93 -2.10	35.78 2.74 -3.29	34.30 2.38 -4.28	33.72 2.64 -2.31	32.26 2.45 -2.61	33.52 2.60 -3.80	35.12 3.62 -0.01	44.65 3.89 -7.17	45.23 3.86 -6.00	49.02 4.41 -5.91	50.38 5.19 -0.40	52.22 5.41 -0.97	53.25 5.49 -1.23	58.89 5.45 -5.23	70.46 6.10 -9.93	81.62 6.93 -6.77	93.30 5.96 -9.91	90.90 5.26 -8.30	71.41 3.66 0.00	60.54 2.39 0.01	52.11 2.39 0.01	47.98 3.47 0.00
HOLTSVILLE_IC_10 23699	49.06 4.05 -4.86	41.50 3.63 -2.26	38.93 3.10 -2.10	35.93 2.89 -3.29	34.43 2.52 -4.28	33.86 2.79 -2.31	32.42 2.61 -2.61	33.65 2.74 -3.80	35.31 3.81 -0.01	44.88 4.13 -7.18	45.44 4.07 -6.00	49.29 4.68 -5.91	50.74 5.55 -0.40	52.59 5.78 -0.97	53.73 5.96 -1.24	59.43 5.88 -5.34	71.56 6.58 -10.53	82.41 7.61 -6.88	94.16 6.66 -10.07	91.73 5.96 -8.44	71.96 4.20 0.00	61.01 2.85 0.01	52.40 2.68 0.01	48.25 3.74 0.00
HOLTSVILLE_IC_2 23691	48.83 3.82 -4.86	41.29 3.42 -2.26	38.76 2.93 -2.10	35.78 2.74 -3.29	34.30 2.38 -4.28	33.72 2.64 -2.31	32.26 2.45 -2.61	33.52 2.60 -3.80	35.12 3.62 -0.01	44.65 3.89 -7.17	45.23 3.86 -6.00	49.02 4.41 -5.91	50.38 5.19 -0.40	52.22 5.41 -0.97	53.25 5.49 -1.23	58.89 5.45 -5.23	70.46 6.10 -9.93	81.62 6.93 -6.77	93.30 5.96 -9.91	90.90 5.26 -8.30	71.41 3.66 0.00	60.54 2.39 0.01	52.11 2.39 0.01	47.98 3.47 0.00
HOLTSVILLE_IC_3 23692	48.83 3.82 -4.86	41.29 3.42 -2.26	38.76 2.93 -2.10	35.78 2.74 -3.29	34.30 2.38 -4.28	33.72 2.64 -2.31	32.26 2.45 -2.61	33.52 2.60 -3.80	35.12 3.62 -0.01	44.65 3.89 -7.17	45.23 3.86 -6.00	49.02 4.41 -5.91	50.38 5.19 -0.40	52.22 5.41 -0.97	53.25 5.49 -1.23	58.89 5.45 -5.23	70.46 6.10 -9.93	81.62 6.93 -6.77	93.30 5.96 -9.91	90.90 5.26 -8.30	71.41 3.66 0.00	60.54 2.39 0.01	52.11 2.39 0.01	47.98 3.47 0.00
HOLTSVILLE_IC_4 23693	48.83 3.82 -4.86	41.29 3.42 -2.26	38.76 2.93 -2.10	35.78 2.74 -3.29	34.30 2.38 -4.28	33.72 2.64 -2.31	32.26 2.45 -2.61	33.52 2.60 -3.80	35.12 3.62 -0.01	44.65 3.89 -7.17	45.23 3.86 -6.00	49.02 4.41 -5.91	50.38 5.19 -0.40	52.22 5.41 -0.97	53.25 5.49 -1.23	58.89 5.45 -5.23	70.46 6.10 -9.93	81.62 6.93 -6.77	93.30 5.96 -9.91	90.90 5.26 -8.30	71.41 3.66 0.00	60.54 2.39 0.01	52.11 2.39 0.01	47.98 3.47 0.00
HOLTSVILLE_IC_5 23694	48.83 3.82 -4.86	41.29 3.42 -2.26	38.76 2.93 -2.10	35.78 2.74 -3.29	34.30 2.38 -4.28	33.72 2.64 -2.31	32.26 2.45 -2.61	33.52 2.60 -3.80	35.12 3.62 -0.01	44.65 3.89 -7.17	45.23 3.86 -6.00	49.02 4.41 -5.91	50.38 5.19 -0.40	52.22 5.41 -0.97	53.25 5.49 -1.23	58.89 5.45 -5.23	70.46 6.10 -9.93	81.62 6.93 -6.77	93.30 5.96 -9.91	90.90 5.26 -8.30	71.41 3.66 0.00	60.54 2.39 0.01	52.11 2.39 0.01	47.98 3.47 0.00
HOLTSVILLE_IC_6 23695	49.06 4.05 -4.86	41.50 3.63 -2.26	38.93 3.10 -2.10	35.93 2.89 -3.29	34.43 2.52 -4.28	33.86 2.79 -2.31	32.42 2.61 -2.61	33.65 2.74 -3.80	35.31 3.81 -0.01	44.88 4.13 -7.18	45.44 4.07 -6.00	49.29 4.68 -5.91	50.74 5.55 -0.40	52.59 5.78 -0.97	53.73 5.96 -1.24	59.43 5.88 -5.34	71.56 6.58 -10.53	82.41 7.61 -6.88	94.16 6.66 -10.07	91.73 5.96 -8.44	71.96 4.20 0.00	61.01 2.85 0.01	52.40 2.68 0.01	48.25 3.74 0.00
HOLTSVILLE_IC_7 23696	49.06 4.05 -4.86	41.50 3.63 -2.26	38.93 3.10 -2.10	35.93 2.89 -3.29	34.43 2.52 -4.28	33.86 2.79 -2.31	32.42 2.61 -2.61	33.65 2.74 -3.80	35.31 3.81 -0.01	44.88 4.13 -7.18	45.44 4.07 -6.00	49.29 4.68 -5.91	50.74 5.55 -0.40	52.59 5.78 -0.97	53.73 5.96 -1.24	59.43 5.88 -5.34	71.56 6.58 -10.53	82.41 7.61 -6.88	94.16 6.66 -10.07	91.73 5.96 -8.44	71.96 4.20 0.00	61.01 2.85 0.01	52.40 2.68 0.01	48.25 3.74 0.00
HOLTSVILLE_IC_8 23697	49.06 4.05 -4.86	41.50 3.63 -2.26	38.93 3.10 -2.10	35.93 2.89 -3.29	34.43 2.52 -4.28	33.86 2.79 -2.31	32.42 2.61 -2.61	33.65 2.74 -3.80	35.31 3.81 -0.01	44.88 4.13 -7.18	45.44 4.07 -6.00	49.29 4.68 -5.91	50.74 5.55 -0.40	52.59 5.78 -0.97	53.73 5.96 -1.24	59.43 5.88 -5.34	71.56 6.58 -10.53	82.41 7.61 -6.88	94.16 6.66 -10.07	91.73 5.96 -8.44	71.96 4.20 0.00	61.01 2.85 0.01	52.40 2.68 0.01	48.25 3.74 0.00
HOLTSVILLE_IC_9 23698	49.06 4.05 -4.86	41.50 3.63 -2.26	38.93 3.10 -2.10	35.93 2.89 -3.29	34.43 2.52 -4.28	33.86 2.79 -2.31	32.42 2.61 -2.61	33.65 2.74 -3.80	35.31 3.81 -0.01	44.88 4.13 -7.18	45.44 4.07 -6.00	49.29 4.68 -5.91	50.74 5.55 -0.40	52.59 5.78 -0.97	53.73 5.96 -1.24	59.43 5.88 -5.34	71.56 6.58 -10.53	82.41 7.61 -6.88	94.16 6.66 -10.07	91.73 5.96 -8.44	71.96 4.20 0.00	61.01 2.85 0.01	52.40 2.68 0.01	48.25 3.74 0.00
HOMER_HL_115KV_TB2 355744	35.44 -5.26 -0.55	31.12 -4.74 -0.25	29.56 -4.49 -0.32	26.39 -3.87 -0.50	24.64 -3.65 -0.65	25.41 -3.71 -0.35	24.16 -3.51 -0.46	24.05 -3.50 -0.43	28.18 -3.31 0.00	30.29 -3.29 0.00	32.03 -3.32 0.02	35.06 -1.97 1.67	39.36 -2.19 3.24	40.81 -2.15 2.88	41.60 -2.23 2.69	41.49 -4.29 2.43	44.94 -6.26 3.24	57.81 -4.41 5.70	69.87 -1.94 5.62	66.38 -7.42 3.53	57.09 -7.25 3.41	49.63 -6.57 1.97	42.00 -6.17 1.56	38.25 -5.34 0.91
HOWARD_WT_PWR 323690	41.10 -3.05 -4.01	34.82 -2.74 -1.95	31.76 -2.36 -0.40	28.21 -2.17 -0.62	26.70 -1.74 -0.80	27.33 -1.87 -0.43	25.99 -1.74 -0.53	28.30 -1.95 -3.13	29.45 -2.08 -0.04	31.67 -1.91 0.00	33.12 -2.41 -0.15	49.78 -2.51 -13.59	62.16 -3.00 -20.37	57.63 -2.93 -14.72	54.29 -2.93 -10.69	51.85 -3.23 -6.87	59.70 -3.49 -8.75	81.20 -3.80 -17.08	102.81 -2.09 -27.48	83.52 -2.40 -8.58	69.99 -1.76 -4.00	57.02 -1.80 -0.65	46.76 -2.04 0.93	42.25 -1.74 0.52
HQ_GEN_CEDARS 23644	39.82 -0.32 0.00	35.43 -0.18 0.00	33.46 -0.27 0.00	29.61 -0.15 0.00	27.39 -0.25 0.00	28.59 -0.17 0.00	27.01 -0.19 0.00	26.93 -0.19 0.00	31.24 -0.25 0.00	33.34 -0.24 0.00	35.09 -0.28 0.00	38.47 -0.23 0.00	44.43 -0.36 0.00	45.43 -0.41 0.00	46.07 -0.47 0.00	47.87 -0.34 0.00	53.90 -0.54 0.00	67.65 -0.27 0.00	77.42 0.00 0.00	77.65 0.31 0.00	68.09 0.34 0.00	58.46 0.29 0.00	50.13 0.40 0.00	44.69 0.18 0.00
HQ_GEN_CEDARS_PROXY 323590	39.82 -0.32 0.00	35.43 -0.18 0.00	33.46 -0.27 0.00	29.61 -0.15 0.00	27.39 -0.25 0.00	28.60 -0.17 0.00	26.98 -0.22 0.00	26.93 -0.19 0.00	31.24 -0.25 0.00	33.35 -0.23 0.00	35.09 -0.28 0.00	38.35 -0.35 0.00	44.43 -0.36 0.00	45.43 -0.41 0.00	46.07 -0.47 0.00	47.88 -0.34 0.00	53.90 -0.54 0.00	67.65 -0.27 0.00	77.42 0.00 0.00	77.65 0.31 0.00	68.10 0.34 0.00	58.46 0.29 0.00	50.13 0.40 0.00	44.69 0.18 0.00

HQ_GEN_CHPE_PROXY 323851	48.34 3.33 -4.86	40.61 2.74 -2.26	38.23 2.39 -2.10	35.16 2.11 -3.29	33.91 1.99 -4.28	33.20 2.13 -2.31	31.90 2.09 -2.61	33.14 2.22 -3.80	34.13 2.65 0.00	36.55 2.96 -0.02	38.64 3.25 -0.02	42.65 3.87 -0.08	49.43 4.61 -0.03	53.79 4.81 -3.14	56.82 4.98 -5.30	61.80 4.97 -8.62	65.29 5.50 -5.35	76.36 6.32 -2.12	83.93 6.50 0.00	83.39 6.04 -0.01	72.36 4.61 0.01	61.72 3.55 0.01	53.08 3.33 -0.01	47.81 3.29 -0.01
HQ_GEN_IMPORT 323601	39.95 -0.20 0.00	35.43 -0.18 0.00	33.53 -0.20 0.00	29.61 -0.15 0.00	27.45 -0.19 0.00	28.57 -0.20 0.00	27.01 -0.19 0.00	26.93 -0.19 0.00	31.27 -0.22 0.00	33.35 -0.23 0.00	35.16 -0.21 0.00	38.51 -0.19 0.00	44.61 -0.18 0.00	45.62 -0.23 0.00	46.30 -0.23 0.00	48.02 -0.19 0.00	54.17 -0.27 0.00	67.85 -0.07 0.00	77.50 0.08 0.00	77.41 0.08 0.00	67.89 0.14 0.00	58.35 0.18 0.00	49.88 0.15 0.00	44.51 0.00 0.00
HQ_GEN_WHEEL 23651	39.95 -0.20 0.00	35.43 -0.18 0.00	33.53 -0.20 0.00	29.61 -0.15 0.00	27.45 -0.19 0.00	28.57 -0.20 0.00	27.01 -0.19 0.00	26.93 -0.19 0.00	31.27 -0.22 0.00	33.35 -0.23 0.00	35.16 -0.21 0.00	38.51 -0.19 0.00	44.61 -0.18 0.00	45.62 -0.23 0.00	46.30 -0.23 0.00	48.02 -0.19 0.00	54.17 -0.27 0.00	67.85 -0.07 0.00	77.50 0.08 0.00	77.41 0.08 0.00	67.89 0.14 0.00	58.35 0.18 0.00	49.88 0.15 0.00	44.51 0.00 0.00
HUDSON AVE_GT_3 23810	48.42 3.41 -4.86	40.71 2.85 -2.26	38.29 2.46 -2.10	35.22 2.17 -3.29	33.96 2.05 -4.28	33.26 2.19 -2.31	31.93 2.12 -2.61	33.22 2.30 -3.80	34.20 2.71 0.00	36.51 2.92 -0.01	38.75 3.36 -0.01	42.72 3.95 -0.07	49.56 4.75 -0.03	53.74 5.00 -2.90	56.65 5.21 -4.91	61.35 5.16 -7.98	65.11 5.72 -4.95	76.68 6.79 -1.97	84.16 6.74 0.00	83.69 6.34 -0.01	72.63 4.88 0.01	61.89 3.72 0.01	53.27 3.53 -0.01	47.94 3.43 -0.01
HUDSON AVE_GT_4 23540	48.42 3.41 -4.86	40.71 2.85 -2.26	38.29 2.46 -2.10	35.22 2.17 -3.29	33.96 2.05 -4.28	33.26 2.19 -2.31	31.93 2.12 -2.61	33.22 2.30 -3.80	34.20 2.71 0.00	36.51 2.92 -0.01	38.75 3.36 -0.01	42.72 3.95 -0.07	49.56 4.75 -0.03	53.74 5.00 -2.90	56.65 5.21 -4.91	61.35 5.16 -7.98	65.11 5.72 -4.95	76.68 6.79 -1.97	84.16 6.74 0.00	83.69 6.34 -0.01	72.63 4.88 0.01	61.89 3.72 0.01	53.27 3.53 -0.01	47.94 3.43 -0.01
HUDSON AVE_GT_5 23657	48.42 3.41 -4.86	40.71 2.85 -2.26	38.29 2.46 -2.10	35.22 2.17 -3.29	33.96 2.05 -4.28	33.26 2.19 -2.31	31.93 2.12 -2.61	33.22 2.30 -3.80	34.20 2.71 0.00	36.51 2.92 -0.01	38.75 3.36 -0.01	42.72 3.95 -0.07	49.56 4.75 -0.03	53.74 5.00 -2.90	56.65 5.21 -4.91	61.35 5.16 -7.98	65.11 5.72 -4.95	76.68 6.79 -1.97	84.16 6.74 0.00	83.69 6.34 -0.01	72.63 4.88 0.01	61.89 3.72 0.01	53.27 3.53 -0.01	47.94 3.43 -0.01
HUDSON_AVE_10 24168	48.34 3.33 -4.86	40.64 2.78 -2.26	38.23 2.39 -2.10	35.16 2.11 -3.29	33.91 1.99 -4.28	33.20 2.13 -2.31	31.90 2.09 -2.61	33.17 2.25 -3.80	34.17 2.68 0.00	36.48 2.89 -0.01	38.64 3.25 -0.01	42.64 3.87 -0.07	49.47 4.66 -0.03	53.60 4.86 -2.90	56.50 5.07 -4.90	61.23 5.06 -7.96	64.99 5.61 -4.94	76.47 6.59 -1.96	84.00 6.58 0.00	83.46 6.11 -0.01	72.49 4.74 0.01	61.72 3.55 0.01	53.17 3.43 -0.01	47.85 3.34 -0.01
HUDSON___115KV_TB 4 355613	47.66 1.65 -5.86	39.79 1.46 -2.73	37.68 1.42 -2.54	34.95 1.22 -3.96	33.99 1.19 -5.16	32.76 1.21 -2.78	31.43 1.09 -3.14	32.70 1.00 -4.58	32.53 1.04 0.00	34.45 0.87 0.00	36.40 1.03 0.00	39.86 1.16 0.00	46.13 1.34 0.00	47.27 1.42 0.00	48.11 1.58 0.00	49.75 1.54 0.00	56.29 1.85 0.00	70.16 2.24 0.00	80.13 2.71 0.00	79.89 2.55 0.00	70.06 2.30 0.00	60.15 1.98 0.00	51.28 1.54 0.00	46.11 1.60 0.00
HUNTER MOUNT___DRP 323613	47.48 1.61 -5.73	39.66 1.39 -2.66	37.59 1.38 -2.48	34.82 1.19 -3.87	33.82 1.13 -5.04	32.63 1.15 -2.72	31.33 1.06 -3.07	32.51 0.92 -4.47	32.56 1.07 0.00	34.45 0.87 0.00	36.40 1.03 0.00	39.86 1.16 0.00	46.13 1.34 0.00	47.31 1.47 0.00	48.11 1.58 0.00	49.80 1.59 0.00	56.40 1.96 0.00	70.43 2.51 0.00	80.60 3.17 0.00	80.27 2.94 0.00	70.47 2.71 0.00	60.44 2.27 0.00	51.52 1.79 0.00	46.29 1.78 0.00
HUNTINGTON_RES_REC 323705	48.70 3.69 -4.86	41.11 3.24 -2.26	38.60 2.77 -2.10	35.64 2.59 -3.29	34.16 2.24 -4.28	33.57 2.50 -2.31	32.12 2.31 -2.61	33.36 2.44 -3.80	34.91 3.43 0.01	44.49 3.76 -7.15	45.19 3.82 -6.00	49.05 4.45 -5.91	50.38 5.19 -0.40	52.20 5.36 -0.99	53.29 5.49 -1.27	61.23 5.45 -7.57	83.05 6.15 -22.46	86.00 7.00 -11.09	99.56 5.88 -16.25	96.06 5.10 -13.62	71.23 3.45 -0.02	60.43 2.27 0.01	51.91 2.19 0.01	47.85 3.34 0.00
HUNTLEY___63 23557	35.05 -4.90 0.19	30.98 -4.52 0.11	30.03 -3.95 -0.25	26.49 -3.66 -0.39	25.08 -3.07 -0.50	25.70 -3.34 -0.27	24.40 -3.18 -0.38	23.66 -3.31 0.15	27.91 -3.56 0.02	30.21 -3.36 0.01	31.30 -4.03 0.04	30.19 -4.14 4.37	32.64 -4.66 7.49	35.01 -4.72 6.11	36.39 -4.93 5.21	38.92 -5.06 4.23	43.53 -5.34 5.58	51.28 -6.52 10.12	58.65 -7.05 11.73	64.48 -6.96 5.90	55.64 -7.11 5.01	49.41 -6.17 2.59	42.20 -5.72 1.82	38.95 -4.50 1.07
HUNTLEY___64 23558	35.05 -4.90 0.19	30.98 -4.52 0.11	30.03 -3.95 -0.25	26.49 -3.66 -0.39	25.08 -3.07 -0.50	25.70 -3.34 -0.27	24.40 -3.18 -0.38	23.66 -3.31 0.15	27.91 -3.56 0.02	30.21 -3.36 0.01	31.30 -4.03 0.04	30.19 -4.14 4.37	32.64 -4.66 7.49	35.01 -4.72 6.11	36.39 -4.93 5.21	38.92 -5.06 4.23	43.53 -5.34 5.58	51.28 -6.52 10.12	58.65 -7.05 11.73	64.48 -6.96 5.90	55.64 -7.11 5.01	49.41 -6.17 2.59	42.20 -5.72 1.82	38.95 -4.50 1.07
HUNTLEY___65 23559	35.05 -4.90 0.19	30.98 -4.52 0.11	30.03 -3.95 -0.25	26.49 -3.66 -0.39	25.08 -3.07 -0.50	25.70 -3.34 -0.27	24.40 -3.18 -0.38	23.66 -3.31 0.15	27.91 -3.56 0.02	30.21 -3.36 0.01	31.30 -4.03 0.04	30.19 -4.14 4.37	32.64 -4.66 7.49	35.01 -4.72 6.11	36.39 -4.93 5.21	38.92 -5.06 4.23	43.53 -5.34 5.58	51.28 -6.52 10.12	58.65 -7.05 11.73	64.48 -6.96 5.90	55.64 -7.11 5.01	49.41 -6.17 2.59	42.20 -5.72 1.82	38.95 -4.50 1.07
HUNTLEY___66 23560	35.05 -4.90 0.19	30.98 -4.52 0.11	30.03 -3.95 -0.25	26.49 -3.66 -0.39	25.08 -3.07 -0.50	25.70 -3.34 -0.27	24.40 -3.18 -0.38	23.66 -3.31 0.15	27.91 -3.56 0.02	30.21 -3.36 0.01	31.30 -4.03 0.04	30.19 -4.14 4.37	32.64 -4.66 7.49	35.01 -4.72 6.11	36.39 -4.93 5.21	38.92 -5.06 4.23	43.53 -5.34 5.58	51.28 -6.52 10.12	58.65 -7.05 11.73	64.48 -6.96 5.90	55.64 -7.11 5.01	49.41 -6.17 2.59	42.20 -5.72 1.82	38.95 -4.50 1.07
HUNTLEY___67 23561	34.81 -5.02 0.31	30.92 -4.52 0.17	29.96 -4.01 -0.25	26.46 -3.69 -0.39	25.05 -3.10 -0.50	25.67 -3.37 -0.27	24.47 -3.13 -0.39	23.65 -3.23 0.24	28.01 -3.46 0.01	30.32 -3.26 0.00	31.43 -3.89 0.05	29.65 -4.22 4.83	31.85 -4.75 8.19	34.35 -4.86 6.64	35.89 -5.03 5.62	38.34 -5.30 4.56	42.73 -5.72 5.99	50.14 -6.93 10.85	57.64 -7.05 12.73	63.44 -7.58 6.32	55.39 -7.11 5.25	49.39 -6.11 2.67	42.24 -5.67 1.82	38.87 -4.58 1.06

HUNTLEY___68 23562	34.81 -5.02 0.31	30.92 -4.52 0.17	29.96 -4.01 -0.25	26.46 -3.69 -0.39	25.05 -3.10 -0.50	25.67 -3.37 -0.27	24.47 -3.13 -0.39	23.65 -3.23 0.24	28.01 -3.46 0.01	30.32 -3.26 0.00	31.43 -3.89 0.05	29.65 -4.22 4.83	31.85 -4.75 8.19	34.35 -4.86 6.64	35.89 -5.03 5.62	38.34 -5.30 4.56	42.73 -5.72 5.99	50.14 -6.93 10.85	57.64 -7.05 12.73	63.44 -7.58 6.32	55.39 -7.11 5.25	49.39 -6.11 2.67	42.24 -5.67 1.82	38.87 -4.58 1.06
HYLAND___LFGE 323620	42.91 -1.32 -4.09	36.35 -1.25 -1.99	33.08 -0.98 -0.33	29.38 -0.89 -0.51	27.75 -0.55 -0.66	28.46 -0.66 -0.36	26.90 -0.73 -0.43	29.12 -1.19 -3.19	29.89 -1.64 -0.04	31.43 -2.15 0.00	33.02 -2.51 -0.16	50.15 -3.17 -14.63	62.95 -3.63 -21.78	57.96 -3.53 -15.64	54.24 -3.54 -11.25	52.00 -3.33 -7.11	60.48 -2.99 -9.04	82.87 -2.79 -17.74	104.91 -1.39 -28.88	86.22 0.23 -8.65	72.48 0.95 -3.77	59.03 0.64 -0.22	48.25 -0.10 1.38	43.45 -0.18 0.88
INDECK___CORINTH 23802	49.19 2.85 -6.20	40.98 2.49 -2.88	38.63 2.23 -2.68	35.86 1.91 -4.19	34.95 1.85 -5.45	33.60 1.90 -2.94	32.24 1.71 -3.32	33.58 1.63 -4.84	33.25 1.76 0.00	35.46 1.88 0.00	37.00 1.63 0.00	40.56 1.86 0.00	46.81 2.02 0.00	47.72 1.88 0.00	48.58 2.05 0.00	50.33 2.12 0.00	57.49 3.05 0.00	71.65 3.73 0.00	82.30 4.88 0.00	81.90 4.56 0.00	72.03 4.27 0.00	61.84 3.67 0.00	52.67 2.93 0.00	47.22 2.72 0.00
INDECK___ILION 23567	40.55 0.40 0.00	35.96 0.36 0.00	34.03 0.30 0.00	30.03 0.27 0.00	27.89 0.25 0.00	29.03 0.26 0.00	27.45 0.24 0.00	27.39 0.27 0.00	31.80 0.31 0.00	33.92 0.34 0.00	35.65 0.28 0.00	39.05 0.35 0.00	45.15 0.36 0.00	46.17 0.32 0.00	46.86 0.33 0.00	48.50 0.29 0.00	54.88 0.44 0.00	68.40 0.48 0.00	78.04 0.62 0.00	78.03 0.70 0.00	68.37 0.61 0.00	58.70 0.52 0.00	50.23 0.50 0.00	45.04 0.53 0.00
INDECK___OLEAN 23982	35.44 -5.26 -0.55	31.12 -4.74 -0.25	29.56 -4.49 -0.32	26.39 -3.87 -0.50	24.64 -3.65 -0.65	25.44 -3.68 -0.35	24.16 -3.51 -0.46	24.05 -3.50 -0.43	28.15 -3.34 0.00	31.73 -1.85 0.00	32.03 -3.33 0.02	35.06 -1.97 1.67	39.32 -2.24 3.24	40.81 -2.15 2.88	41.60 -2.23 2.69	41.49 -4.29 2.43	44.89 -6.31 3.24	55.49 -6.73 5.70	69.87 -1.93 5.62	66.15 -7.66 3.53	57.16 -7.18 3.41	49.63 -6.57 1.97	42.00 -6.17 1.56	38.25 -5.34 0.91
INDECK___OSWEGO 23783	39.32 -1.20 -0.38	34.78 -1.00 -0.17	33.08 -0.81 -0.16	29.27 -0.74 -0.25	27.34 -0.63 -0.33	28.25 -0.69 -0.18	26.75 -0.65 -0.20	26.73 -0.68 -0.29	30.73 -0.76 0.00	32.74 -0.84 0.00	34.38 -0.99 0.00	37.93 -1.32 -0.55	45.09 -1.57 -1.87	46.34 -1.61 -2.10	47.26 -1.63 -2.36	49.07 -1.59 -2.45	55.63 -2.12 -3.32	70.82 -2.79 -5.69	79.96 -3.10 -5.64	79.65 -2.78 -5.10	70.10 -2.37 -4.72	60.39 -2.04 -4.26	51.70 -1.44 -3.41	45.78 -1.29 -2.56
INDECK___YERKES 23781	35.05 -4.90 0.19	31.01 -4.49 0.11	30.03 -3.95 -0.25	26.49 -3.66 -0.39	25.11 -3.04 -0.50	25.70 -3.34 -0.27	24.40 -3.18 -0.38	23.66 -3.31 0.15	27.91 -3.56 0.02	29.74 -3.83 0.01	31.29 -4.03 0.04	30.19 -4.14 4.37	32.59 -4.70 7.49	35.06 -4.68 6.11	36.44 -4.89 5.21	38.96 -5.02 4.23	43.53 -5.33 5.58	51.62 -6.18 10.12	58.73 -6.97 11.73	64.48 -6.96 5.90	55.77 -6.98 5.01	49.47 -6.11 2.59	42.35 -5.57 1.82	38.95 -4.49 1.07
INDIAN POINT_GT_1 24139	47.77 2.81 -4.81	40.19 2.35 -2.24	37.83 2.02 -2.08	34.80 1.79 -3.25	33.56 1.69 -4.23	32.86 1.81 -2.28	31.55 1.77 -2.58	32.77 1.90 -3.76	33.69 2.20 0.00	35.93 2.35 0.00	38.13 2.76 0.00	41.99 3.29 0.00	48.78 3.99 0.00	50.02 4.17 0.00	50.91 4.37 0.00	52.50 4.29 0.00	59.18 4.74 0.00	73.49 5.57 0.00	83.00 5.57 0.00	82.44 5.10 0.00	71.61 3.86 0.01	61.13 2.97 0.01	52.46 2.74 0.01	47.27 2.76 0.00
INDIAN POINT_GT_2 23659	47.77 2.81 -4.81	40.19 2.35 -2.24	37.83 2.02 -2.08	34.80 1.79 -3.25	33.56 1.69 -4.23	32.86 1.81 -2.28	31.55 1.77 -2.58	32.77 1.90 -3.76	33.69 2.20 0.00	35.93 2.35 0.00	38.13 2.76 0.00	41.99 3.29 0.00	48.78 3.99 0.00	50.02 4.17 0.00	50.91 4.37 0.00	52.50 4.29 0.00	59.18 4.74 0.00	73.49 5.57 0.00	83.00 5.57 0.00	82.44 5.10 0.00	71.61 3.86 0.01	61.13 2.97 0.01	52.46 2.74 0.01	47.27 2.76 0.00
INDIAN POINT_GT_3 24019	47.77 2.81 -4.81	40.19 2.35 -2.24	37.83 2.02 -2.08	34.80 1.79 -3.25	33.56 1.69 -4.23	32.86 1.81 -2.28	31.55 1.77 -2.58	32.77 1.90 -3.76	33.69 2.20 0.00	35.93 2.35 0.00	38.13 2.76 0.00	41.99 3.29 0.00	48.78 3.99 0.00	50.02 4.17 0.00	50.91 4.37 0.00	52.50 4.29 0.00	59.18 4.74 0.00	73.49 5.57 0.00	83.00 5.57 0.00	82.44 5.10 0.00	71.61 3.86 0.01	61.13 2.97 0.01	52.46 2.74 0.01	47.27 2.76 0.00
INDIAN POINT___2 23530	47.66 2.77 -4.74	40.09 2.28 -2.21	37.73 1.96 -2.05	34.72 1.76 -3.20	33.44 1.63 -4.17	32.80 1.78 -2.25	31.49 1.74 -2.54	32.69 1.87 -3.70	33.69 2.20 0.00	36.03 2.45 0.00	38.10 2.72 0.00	41.99 3.29 0.00	48.73 3.94 0.00	49.97 4.13 0.00	50.81 4.28 0.00	52.45 4.24 0.00	59.07 4.62 0.00	73.22 5.30 0.00	82.84 5.42 0.00	82.29 4.95 0.00	71.47 3.72 0.01	61.02 2.85 0.01	52.36 2.63 0.01	47.18 2.67 0.00
INDIAN POINT___3 23531	47.73 2.77 -4.81	40.16 2.31 -2.24	37.80 1.99 -2.08	34.77 1.76 -3.25	33.53 1.66 -4.23	32.83 1.78 -2.28	31.52 1.74 -2.58	32.75 1.87 -3.76	33.66 2.17 0.00	35.90 2.32 0.00	38.10 2.72 0.00	41.95 3.25 0.00	48.69 3.90 0.00	49.92 4.08 0.00	50.81 4.28 0.00	52.45 4.24 0.00	59.07 4.63 0.00	73.35 5.43 0.00	82.76 5.34 0.00	82.28 4.95 0.00	71.48 3.73 0.01	61.02 2.85 0.01	52.41 2.69 0.01	47.18 2.67 0.00
INDIANHD_69_KV_BK1 55831	48.86 3.85 -4.86	41.28 3.42 -2.26	38.73 2.90 -2.10	35.76 2.71 -3.29	34.27 2.35 -4.28	33.66 2.59 -2.31	32.15 2.34 -2.61	33.57 2.66 -3.80	35.08 3.56 -0.03	44.57 3.79 -7.20	45.40 4.03 -6.00	49.17 4.57 -5.91	50.60 5.42 -0.40	52.43 5.59 -0.99	53.56 5.77 -1.26	61.05 5.74 -7.10	80.86 6.48 -19.94	85.86 7.74 -10.20	98.88 6.50 -14.95	95.51 5.65 -12.53	71.77 4.00 -0.02	60.72 2.56 0.01	52.26 2.54 0.01	48.03 3.52 0.00
INGHAM_C_115KV_TB7 356103	40.83 0.68 0.00	36.14 0.53 0.00	34.20 0.47 0.00	30.18 0.42 0.00	28.03 0.39 0.00	29.17 0.40 0.00	27.61 0.41 0.00	27.52 0.41 0.00	31.96 0.47 0.00	34.08 0.50 0.00	35.83 0.46 0.00	39.24 0.54 0.00	45.33 0.54 0.00	46.30 0.46 0.00	47.00 0.47 0.00	48.64 0.43 0.00	55.09 0.65 0.00	68.73 0.82 0.00	78.51 1.08 0.00	78.57 1.24 0.00	68.91 1.15 0.00	59.16 0.99 0.00	50.68 0.94 0.00	45.53 1.02 0.00
IP CORINTH___1 23988	49.19 2.85 -6.20	40.98 2.49 -2.88	38.63 2.23 -2.68	35.85 1.90 -4.19	34.95 1.85 -5.45	33.60 1.90 -2.94	32.23 1.71 -3.32	33.58 1.63 -4.84	33.28 1.79 0.00	35.33 1.75 0.00	37.00 1.63 0.00	40.52 1.82 0.00	46.80 2.02 0.00	47.72 1.88 0.00	48.58 2.05 0.00	50.33 2.12 0.00	57.43 2.99 0.00	71.72 3.80 0.00	82.30 4.88 0.00	81.90 4.56 0.00	72.02 4.27 0.00	61.84 3.66 0.00	52.67 2.93 0.00	47.22 2.72 0.00

IP__TICONDEROGA 23804	50.87 4.54 -6.19	42.43 3.95 -2.88	39.98 3.58 -2.68	36.95 3.01 -4.18	36.07 2.99 -5.44	34.75 3.05 -2.94	33.24 2.72 -3.31	34.50 2.55 -4.83	34.23 2.74 0.00	36.40 2.82 0.00	38.10 2.72 0.00	41.72 3.02 0.00	48.15 3.36 0.00	49.10 3.25 0.00	49.93 3.40 0.00	51.83 3.62 0.00	59.23 4.79 0.00	74.24 6.32 0.00	85.63 8.21 0.00	85.38 8.04 0.00	75.34 7.59 0.00	64.51 6.34 0.00	54.81 5.07 0.00	49.09 4.58 0.00
ISLIP_RES_REC 323679	49.22 4.21 -4.86	41.64 3.77 -2.26	39.07 3.24 -2.10	36.05 3.00 -3.29	34.55 2.63 -4.28	33.98 2.90 -2.31	32.50 2.69 -2.61	33.76 2.85 -3.80	35.43 3.94 -0.01	45.05 4.30 -7.17	45.65 4.28 -6.00	49.48 4.88 -5.91	51.01 5.82 -0.40	52.91 6.10 -0.97	54.06 6.28 -1.24	59.60 6.22 -5.16	71.16 7.03 -9.70	82.53 8.15 -6.46	94.16 7.28 -9.46	91.83 6.57 -7.92	72.42 4.67 0.00	61.36 3.20 0.01	52.65 2.93 0.01	48.43 3.92 0.00
JAMAICA__27_KV_LOAD 355505	48.74 3.73 -4.86	40.96 3.10 -2.26	38.50 2.66 -2.10	35.37 2.32 -3.29	34.13 2.21 -4.28	33.43 2.36 -2.31	32.12 2.31 -2.61	33.44 2.52 -3.80	34.45 2.96 0.00	36.82 3.22 -0.01	38.89 3.50 -0.01	42.91 4.14 -0.07	49.83 5.02 -0.03	53.97 5.23 -2.90	56.92 5.49 -4.90	61.57 5.40 -7.96	65.43 6.04 -4.94	77.08 7.20 -1.96	84.62 7.20 0.00	84.15 6.81 -0.01	73.10 5.35 0.01	62.12 3.96 0.01	53.77 4.03 -0.01	48.30 3.78 -0.01
JANIS__SOLAR 323808	42.27 0.52 -1.61	36.82 0.46 -0.76	34.87 0.57 -0.57	31.09 0.45 -0.88	29.29 0.50 -1.15	29.91 0.52 -0.62	28.27 0.35 -0.71	28.59 0.22 -1.26	31.71 0.22 0.00	33.78 0.20 0.00	35.28 -0.11 -0.01	39.79 -0.15 -1.25	46.15 -0.40 -1.76	46.49 -0.55 -1.19	46.70 -0.61 -0.77	48.03 -0.58 -0.39	54.65 -0.27 -0.48	69.22 0.27 -1.03	81.37 1.63 -2.32	80.20 2.16 -0.70	69.88 2.03 -0.09	59.95 1.63 -0.15	50.87 1.19 0.05	45.57 1.02 -0.04
JARVIS____ 23743	40.35 0.20 0.00	35.78 0.18 0.00	33.90 0.17 0.00	29.91 0.15 0.00	27.78 0.14 0.00	28.91 0.14 0.00	27.34 0.14 0.00	27.25 0.14 0.00	31.65 0.16 0.00	33.75 0.17 0.00	35.51 0.14 0.00	38.89 0.19 0.00	44.97 0.18 0.00	46.03 0.18 0.00	46.72 0.19 0.00	48.36 0.15 0.00	54.66 0.22 0.00	68.06 0.14 0.00	77.58 0.16 0.00	77.41 0.08 0.00	67.82 0.07 0.00	58.23 0.06 0.00	49.83 0.10 0.00	44.64 0.13 0.00
JENNISON__1 23625	42.89 0.88 -1.86	37.22 0.75 -0.87	35.24 0.78 -0.73	31.56 0.65 -1.15	29.77 0.64 -1.49	30.26 0.69 -0.80	28.50 0.38 -0.92	28.93 0.35 -1.46	31.93 0.44 0.00	34.18 0.60 0.00	35.80 0.42 -0.01	39.98 0.58 -0.70	46.17 0.45 -0.94	46.71 0.28 -0.59	47.05 0.19 -0.33	48.46 0.14 -0.10	54.88 0.33 -0.11	69.05 0.82 -0.31	80.43 1.86 -1.15	79.68 2.09 -0.26	69.38 1.76 0.13	59.64 1.45 -0.01	50.77 1.14 0.11	45.66 1.16 0.01
JENNISON__2 23626	42.89 0.88 -1.86	37.22 0.75 -0.87	35.24 0.78 -0.73	31.56 0.65 -1.15	29.77 0.64 -1.49	30.26 0.69 -0.80	28.50 0.38 -0.92	28.93 0.35 -1.46	31.93 0.44 0.00	34.18 0.60 0.00	35.80 0.42 -0.01	39.98 0.58 -0.70	46.17 0.45 -0.94	46.71 0.28 -0.59	47.05 0.19 -0.33	48.46 0.14 -0.10	54.88 0.33 -0.11	69.05 0.82 -0.31	80.43 1.86 -1.15	79.68 2.09 -0.26	69.38 1.76 0.13	59.64 1.45 -0.01	50.77 1.14 0.11	45.66 1.16 0.01
JERICHO_RISE_WT_PWR 323719	39.30 -0.84 0.00	34.89 -0.71 0.00	33.02 -0.71 0.00	29.23 -0.53 0.00	27.06 -0.58 0.00	28.22 -0.55 0.00	26.68 -0.52 0.00	26.63 -0.49 0.00	30.89 -0.60 0.00	32.98 -0.60 0.00	34.80 -0.57 0.00	38.12 -0.58 0.00	44.25 -0.54 0.00	45.30 -0.55 0.00	45.98 -0.56 0.00	47.82 -0.39 0.00	53.95 -0.49 0.00	67.72 -0.20 0.00	77.35 -0.08 0.00	77.49 0.15 0.00	67.96 0.20 0.00	58.29 0.12 0.00	49.83 0.10 0.00	44.46 -0.04 0.00
KATONAH__115KV_46KV_TB4 355592	48.16 3.09 -4.93	40.46 2.56 -2.29	38.05 2.19 -2.13	35.05 1.96 -3.33	33.80 1.82 -4.33	33.06 1.96 -2.34	31.75 1.90 -2.64	32.97 2.01 -3.85	33.85 2.36 0.00	36.10 2.52 0.00	38.31 2.94 0.00	42.22 3.52 0.00	49.04 4.25 0.00	50.29 4.45 0.00	51.18 4.65 0.00	52.84 4.63 0.00	59.50 5.06 0.00	73.96 6.04 0.00	83.62 6.19 0.00	82.98 5.65 0.00	72.02 4.27 0.01	61.48 3.32 0.01	52.76 3.03 0.01	47.45 2.94 0.00
KCE_NY_1 323755	48.69 2.37 -6.18	40.54 2.06 -2.87	38.29 1.89 -2.67	35.55 1.61 -4.18	34.65 1.57 -5.44	33.28 1.58 -2.93	31.95 1.44 -3.31	33.33 1.38 -4.83	32.97 1.48 0.00	35.12 1.55 0.00	36.86 1.49 0.00	40.40 1.70 0.00	46.63 1.84 0.00	47.68 1.84 0.00	48.53 2.00 0.00	50.24 2.02 0.00	57.00 2.56 0.00	70.98 3.06 0.00	81.06 3.64 0.00	80.66 3.32 0.00	70.94 3.19 0.00	60.96 2.79 0.00	51.97 2.24 0.00	46.65 2.14 0.00
KCE_NY_6_ESR 323823	34.93 -4.90 0.31	31.06 -4.38 0.17	30.05 -3.95 -0.27	26.61 -3.57 -0.42	25.12 -3.07 -0.54	25.76 -3.31 -0.30	24.54 -3.07 -0.41	23.70 -3.17 0.24	28.20 -3.28 0.01	30.46 -3.12 0.00	31.71 -3.61 0.05	30.06 -3.56 5.08	32.16 -4.08 8.55	34.89 -4.08 6.87	36.54 -4.23 5.76	38.79 -4.82 4.60	42.85 -5.55 6.04	50.61 -6.31 10.99	58.98 -5.34 13.11	63.96 -7.04 6.34	56.12 -6.44 5.20	49.87 -5.70 2.61	42.67 -5.32 1.75	39.08 -4.41 1.02
KEDC_PORT_JEFF_GT2 24210	48.98 3.98 -4.86	41.43 3.56 -2.26	38.90 3.07 -2.10	35.91 2.86 -3.29	34.41 2.49 -4.28	33.83 2.76 -2.31	32.36 2.56 -2.61	33.63 2.71 -3.80	35.25 3.75 -0.01	44.82 4.06 -7.18	45.40 4.03 -6.00	49.21 4.60 -5.91	50.69 5.51 -0.40	52.54 5.73 -0.97	53.63 5.86 -1.24	59.57 5.83 -5.53	72.53 6.53 -11.56	82.66 7.47 -7.27	94.42 6.35 -10.65	91.83 5.57 -8.92	71.82 4.07 0.00	60.89 2.73 0.01	52.35 2.63 0.01	48.16 3.65 0.00
KEDC_PORT_JEFF_GT3 24211	48.98 3.98 -4.86	41.43 3.56 -2.26	38.90 3.07 -2.10	35.91 2.86 -3.29	34.41 2.49 -4.28	33.83 2.76 -2.31	32.36 2.56 -2.61	33.63 2.71 -3.80	35.25 3.75 -0.01	44.82 4.06 -7.18	45.40 4.03 -6.00	49.21 4.60 -5.91	50.69 5.51 -0.40	52.54 5.73 -0.97	53.63 5.86 -1.24	59.57 5.83 -5.53	72.53 6.53 -11.56	82.66 7.47 -7.27	94.42 6.35 -10.65	91.83 5.57 -8.92	71.82 4.07 0.00	60.89 2.73 0.01	52.35 2.63 0.01	48.16 3.65 0.00
KEDC_GLWD_GT4 24219	48.42 3.41 -4.86	40.75 2.88 -2.26	38.29 2.46 -2.10	35.28 2.23 -3.29	33.94 2.02 -4.28	33.29 2.22 -2.31	31.90 2.09 -2.61	33.17 2.25 -3.80	34.38 2.90 0.00	43.97 3.22 -7.16	44.87 3.50 -6.00	48.79 4.18 -5.91	50.16 4.97 -0.40	52.02 5.18 -1.00	53.47 5.35 -1.59	56.58 5.35 -3.02	60.80 5.93 -0.42	74.48 6.52 -0.04	83.47 6.04 0.00	82.83 5.49 0.00	71.67 3.93 0.01	61.48 3.31 0.01	52.61 2.88 0.01	47.76 3.25 0.00
KEDC_GLWD_GT5 24220	48.42 3.41 -4.86	40.75 2.88 -2.26	38.29 2.46 -2.10	35.28 2.23 -3.29	33.94 2.02 -4.28	33.29 2.22 -2.31	31.90 2.09 -2.61	33.17 2.25 -3.80	34.38 2.90 0.00	43.97 3.22 -7.16	44.87 3.50 -6.00	48.79 4.18 -5.91	50.16 4.97 -0.40	52.02 5.18 -1.00	53.47 5.35 -1.59	56.58 5.35 -3.02	60.80 5.93 -0.42	74.48 6.52 -0.04	83.47 6.04 0.00	82.83 5.49 0.00	71.67 3.93 0.01	61.48 3.31 0.01	52.61 2.88 0.01	47.76 3.25 0.00

KENSICO____ 23655	47.97 2.97 -4.85	40.32 2.46 -2.26	37.95 2.12 -2.10	34.95 1.90 -3.28	33.68 1.77 -4.27	32.97 1.90 -2.30	31.65 1.85 -2.60	32.89 1.98 -3.79	33.82 2.33 0.00	36.10 2.52 0.00	38.27 2.90 0.00	42.14 3.44 0.00	48.95 4.17 0.00	50.26 4.36 -0.06	51.19 4.56 -0.10	52.86 4.48 -0.16	59.50 4.95 -0.10	73.80 5.84 -0.04	83.23 5.81 0.00	82.75 5.41 0.00	71.81 4.07 0.01	61.31 3.14 0.01	52.66 2.93 0.01	47.40 2.89 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	47.69 2.93 -4.62	40.17 2.42 -2.15	37.82 2.09 -2.00	34.73 1.85 -3.12	33.39 1.69 -4.06	32.77 1.81 -2.19	31.44 1.77 -2.47	32.57 1.84 -3.60	33.66 2.17 0.00	35.86 2.28 0.00	38.06 2.69 0.00	41.87 3.17 0.00	48.64 3.85 0.00	49.88 4.03 0.00	50.81 4.28 0.00	52.50 4.29 0.00	59.29 4.85 0.00	73.90 5.98 0.00	83.93 6.50 0.00	83.37 6.03 0.00	72.49 4.74 0.01	61.83 3.66 0.01	52.86 3.13 0.01	47.45 2.94 0.00
KIAC_JFK_GT1 23816	48.42 3.41 -4.86	40.68 2.81 -2.26	38.23 2.39 -2.10	35.13 2.08 -3.29	33.91 1.99 -4.28	33.23 2.16 -2.31	31.90 2.09 -2.61	33.22 2.30 -3.80	34.23 2.74 0.00	36.58 2.99 -0.01	38.60 3.22 -0.01	42.60 3.83 -0.07	49.43 4.61 -0.03	53.60 4.86 -2.90	56.50 5.07 -4.90	60.99 4.82 -7.96	64.72 5.34 -4.94	76.20 6.32 -1.96	83.69 6.27 0.00	83.15 5.80 -0.01	72.22 4.47 0.01	61.42 3.26 0.01	53.32 3.58 -0.01	47.90 3.38 -0.01
KIAC_JFK_GT2 23817	48.42 3.41 -4.86	40.68 2.81 -2.26	38.23 2.39 -2.10	35.13 2.08 -3.29	33.91 1.99 -4.28	33.23 2.16 -2.31	31.90 2.09 -2.61	33.22 2.30 -3.80	34.23 2.74 0.00	36.58 2.99 -0.01	38.60 3.22 -0.01	42.60 3.83 -0.07	49.43 4.61 -0.03	53.60 4.86 -2.90	56.50 5.07 -4.90	60.99 4.82 -7.96	64.72 5.34 -4.94	76.20 6.32 -1.96	83.69 6.27 0.00	83.15 5.80 -0.01	72.22 4.47 0.01	61.42 3.26 0.01	53.32 3.58 -0.01	47.90 3.38 -0.01
KIAC_JFK____ 323774	48.42 3.41 -4.86	40.68 2.81 -2.26	38.23 2.39 -2.10	35.13 2.08 -3.29	33.91 1.99 -4.28	33.23 2.16 -2.31	31.90 2.09 -2.61	33.22 2.30 -3.80	34.26 2.77 0.00	36.72 3.12 -0.01	38.60 3.22 -0.01	42.64 3.87 -0.07	49.47 4.66 -0.03	53.60 4.86 -2.90	56.50 5.07 -4.90	60.99 4.82 -7.96	64.72 5.34 -4.94	76.06 6.18 -1.96	83.69 6.27 0.00	83.22 5.87 -0.01	72.15 4.40 0.01	61.42 3.26 0.01	53.33 3.58 -0.01	47.90 3.38 -0.01
KINTIGH_24_KV_GSU 356498	36.11 -4.13 -0.10	31.93 -3.70 -0.03	30.83 -3.20 -0.30	27.23 -3.00 -0.48	25.83 -2.43 -0.62	26.39 -2.71 -0.33	25.06 -2.48 -0.34	24.65 -2.55 -0.08	28.59 -2.90 0.01	30.02 -3.56 0.00	31.98 -3.36 0.03	31.44 -4.18 3.08	34.39 -4.79 5.60	36.23 -5.03 4.75	37.27 -4.77 4.23	39.85 -5.03 3.59	45.00 -4.68 4.75	53.65 -5.71 8.57	60.41 -7.36 9.66	65.95 -6.34 5.05	57.79 -5.62 4.34	51.06 -4.83 2.28	43.63 -4.48 1.63	39.68 -3.65 1.18
KINTIGH____ 23543	36.07 -4.18 -0.10	31.93 -3.70 -0.03	30.83 -3.20 -0.30	27.23 -3.01 -0.48	25.83 -2.43 -0.62	26.40 -2.70 -0.33	25.06 -2.48 -0.34	24.65 -2.55 -0.08	28.62 -2.87 0.01	30.89 -2.69 0.00	31.98 -3.36 0.03	31.44 -4.18 3.08	34.44 -4.75 5.60	36.23 -4.86 4.75	37.23 -5.07 4.23	39.85 -4.77 3.59	45.06 -4.63 4.75	52.83 -6.52 8.57	60.41 -7.36 9.66	65.95 -6.34 5.05	57.65 -5.76 4.34	51.06 -4.83 2.28	43.53 -4.58 1.63	39.68 -3.65 1.18
KNTFSRNC_46_KV_46KV_LOAD 80397	39.78 -0.36 0.00	35.36 -0.25 0.00	33.39 -0.34 0.00	29.58 -0.18 0.00	27.39 -0.25 0.00	28.57 -0.20 0.00	26.98 -0.22 0.00	26.95 -0.16 0.00	31.30 -0.19 0.00	33.48 -0.10 0.00	35.23 -0.14 0.00	38.66 -0.04 0.00	44.70 -0.09 0.00	45.75 -0.09 0.00	46.44 -0.09 0.00	48.36 0.14 0.00	54.55 0.11 0.00	68.53 0.61 0.00	78.43 1.01 0.00	78.65 1.31 0.00	68.97 1.22 0.00	59.16 0.99 0.00	50.53 0.80 0.00	45.09 0.58 0.00
LACHUTE____HYDRO 323717	50.87 4.54 -6.19	42.43 3.95 -2.88	39.98 3.57 -2.68	36.95 3.00 -4.18	36.07 2.99 -5.44	34.75 3.05 -2.94	33.21 2.69 -3.31	34.50 2.55 -4.83	34.23 2.74 0.00	36.54 2.96 0.00	38.10 2.72 0.00	41.76 3.06 0.00	48.19 3.40 0.00	49.10 3.26 0.00	49.93 3.40 0.00	51.83 3.62 0.00	59.23 4.79 0.00	74.16 6.24 0.00	85.63 8.20 0.00	85.30 7.97 0.00	75.28 7.52 0.00	64.51 6.34 0.00	54.81 5.08 0.00	49.09 4.59 0.00
LAWRNCV_115KV_TB1 80681	39.66 -0.48 0.00	35.29 -0.32 0.00	33.32 -0.40 0.00	29.49 -0.27 0.00	27.31 -0.33 0.00	28.51 -0.26 0.00	26.90 -0.30 0.00	26.82 -0.30 0.00	31.11 -0.38 0.00	33.21 -0.37 0.00	34.88 -0.50 0.00	38.27 -0.43 0.00	44.16 -0.63 0.00	45.16 -0.69 0.00	45.74 -0.79 0.00	47.54 -0.67 0.00	53.57 -0.87 0.00	67.38 -0.54 0.00	77.19 -0.23 0.00	77.57 0.23 0.00	68.16 0.41 0.00	58.46 0.29 0.00	50.13 0.40 0.00	44.69 0.18 0.00
LEDERLE____ 23769	47.73 2.89 -4.69	40.21 2.42 -2.18	37.85 2.09 -2.03	34.78 1.85 -3.17	33.51 1.74 -4.12	32.83 1.84 -2.22	31.54 1.82 -2.51	32.73 1.95 -3.66	33.76 2.27 0.00	36.00 2.42 0.00	38.24 2.87 0.00	42.10 3.41 0.00	48.91 4.12 0.00	50.15 4.31 0.00	51.05 4.51 0.00	52.69 4.48 0.00	59.34 4.90 0.00	73.69 5.77 0.00	83.31 5.88 0.00	82.75 5.41 0.00	71.88 4.13 0.01	61.37 3.20 0.01	52.66 2.93 0.01	47.36 2.85 0.00
LIGHTHSE_115KV_TB6 355974	39.81 -0.68 -0.35	35.20 -0.57 -0.16	33.47 -0.40 -0.15	29.61 -0.39 -0.24	27.67 -0.28 -0.31	28.64 -0.29 -0.17	27.06 -0.33 -0.19	27.04 -0.35 -0.27	31.11 -0.38 0.00	33.21 -0.37 0.00	34.70 -0.67 0.00	37.96 -0.85 -0.11	44.04 -1.12 -0.37	45.02 -1.24 -0.42	45.70 -1.30 -0.47	47.44 -1.25 -0.49	53.79 -1.31 -0.66	67.49 -1.56 -1.13	77.58 -1.24 -1.39	78.08 -0.70 -1.44	68.46 -0.47 -1.17	59.11 -0.47 -1.40	50.38 -0.45 -1.09	44.98 -0.40 -0.87
LINDEN COGEN____ 23786	48.22 3.21 -4.86	40.50 2.63 -2.26	38.09 2.26 -2.10	35.07 2.02 -3.29	33.82 1.91 -4.28	33.11 2.04 -2.31	31.79 1.98 -2.61	33.06 2.14 -3.80	34.07 2.58 0.00	36.45 2.85 -0.01	38.53 3.15 -0.01	42.64 3.87 -0.07	49.39 4.57 -0.03	53.51 4.77 -2.90	56.42 4.98 -4.90	61.10 4.92 -7.97	64.83 5.44 -4.95	76.13 6.24 -1.96	83.69 6.27 0.00	83.15 5.80 -0.01	72.15 4.40 0.01	61.48 3.31 0.01	52.93 3.19 -0.01	47.68 3.16 -0.01
LINDHRST_69_KV_BK1 356055	49.18 4.18 -4.86	41.50 3.63 -2.26	38.93 3.10 -2.10	35.91 2.86 -3.29	34.44 2.52 -4.28	33.83 2.76 -2.31	32.31 2.50 -2.61	33.71 2.79 -3.80	35.17 3.68 0.00	44.71 3.96 -7.17	45.65 4.28 -6.00	49.56 4.95 -5.91	51.10 5.91 -0.40	53.01 6.19 -0.98	54.28 6.37 -1.38	57.92 6.41 -3.30	63.04 7.13 -1.47	77.61 8.63 -1.06	86.59 7.66 -1.51	85.48 6.88 -1.26	72.76 5.01 0.01	61.77 3.61 0.01	52.95 3.23 0.01	48.43 3.92 0.00
LIPA_MISC_IPP 23656	48.94 3.93 -4.86	41.39 3.52 -2.26	38.87 3.04 -2.10	35.88 2.83 -3.29	34.41 2.49 -4.28	33.81 2.73 -2.31	32.26 2.45 -2.61	33.71 2.79 -3.80	35.24 3.75 -0.01	44.68 3.93 -7.17	45.37 4.00 -6.00	48.94 4.33 -5.91	50.38 5.20 -0.40	52.31 5.50 -0.97	53.48 5.72 -1.23	59.10 5.64 -5.25	70.79 6.32 -10.03	82.10 7.40 -6.77	93.53 6.19 -9.91	91.05 5.41 -8.31	71.75 4.00 0.00	60.54 2.39 0.01	52.31 2.59 0.01	48.11 3.61 0.00

LISF___SOLAR 323691	49.02 4.01 -4.86	41.50 3.63 -2.26	38.93 3.10 -2.10	35.97 2.92 -3.29	34.46 2.54 -4.28	33.89 2.82 -2.31	32.42 2.61 -2.61	33.68 2.77 -3.80	35.34 3.84 -0.01	44.88 4.13 -7.17	45.33 3.96 -6.00	49.02 4.41 -5.91	50.47 5.28 -0.40	52.40 5.59 -0.97	53.58 5.82 -1.23	59.21 5.73 -5.27	71.01 6.42 -10.15	81.91 7.20 -6.80	93.80 6.42 -9.95	91.40 5.72 -8.34	71.68 3.93 0.00	60.66 2.50 0.01	52.35 2.63 0.01	48.20 3.69 0.00
LITTLE FALLS___HYD 24013	40.83 0.68 0.00	36.14 0.53 0.00	34.20 0.47 0.00	30.18 0.42 0.00	28.03 0.39 0.00	29.17 0.40 0.00	27.61 0.41 0.00	27.52 0.41 0.00	31.96 0.47 0.00	34.08 0.50 0.00	35.83 0.46 0.00	39.24 0.54 0.00	45.33 0.54 0.00	46.30 0.46 0.00	47.00 0.47 0.00	48.64 0.43 0.00	55.09 0.65 0.00	68.73 0.82 0.00	78.51 1.08 0.00	78.57 1.24 0.00	68.91 1.15 0.00	59.16 0.99 0.00	50.68 0.94 0.00	45.53 1.02 0.00
LITTLRIV_115KV_TB1 356100	40.06 -0.08 0.00	35.61 0.00 0.00	33.66 -0.07 0.00	29.79 0.03 0.00	27.56 -0.08 0.00	28.80 0.03 0.00	27.15 -0.05 0.00	27.01 -0.11 0.00	31.27 -0.22 0.00	33.34 -0.24 0.00	34.98 -0.39 0.00	38.43 -0.27 0.00	44.30 -0.49 0.00	45.25 -0.60 0.00	45.79 -0.74 0.00	47.63 -0.58 0.00	53.68 -0.76 0.00	67.65 -0.27 0.00	77.81 0.39 0.00	78.34 1.01 0.00	68.91 1.15 0.00	59.10 0.93 0.00	50.63 0.90 0.00	45.13 0.62 0.00
LI_NEWBRDGE___DRP 323616	48.22 3.21 -4.86	40.64 2.78 -2.26	38.16 2.33 -2.10	35.19 2.14 -3.29	33.80 1.88 -4.28	33.17 2.10 -2.31	31.71 1.90 -2.61	33.09 2.17 -3.80	34.35 2.87 0.00	43.80 3.06 -7.16	44.73 3.36 -6.00	48.48 3.87 -5.91	49.80 4.61 -0.40	51.61 4.81 -0.95	52.66 4.98 -1.15	56.10 4.87 -3.02	60.36 5.50 -0.42	74.55 6.59 -0.04	82.76 5.34 0.00	81.97 4.64 0.00	70.99 3.25 0.01	60.43 2.27 0.01	51.86 2.14 0.01	47.40 2.89 0.00
LOCKPORT_115KV_TB60_63_64 80432	34.73 -5.30 0.11	30.77 -4.77 0.07	29.76 -4.22 -0.25	26.25 -3.90 -0.38	24.88 -3.26 -0.50	25.50 -3.54 -0.27	24.28 -3.29 -0.37	23.62 -3.42 0.09	27.73 -3.75 0.01	30.05 -3.53 0.00	31.09 -4.24 0.04	30.41 -4.37 3.92	33.03 -4.93 6.83	35.04 -5.18 5.62	36.24 -5.44 4.85	38.98 -5.26 3.98	43.73 -5.44 5.26	51.41 -7.00 9.51	58.75 -7.51 11.16	64.56 -7.19 5.58	55.41 -7.52 4.82	49.24 -6.40 2.54	41.95 -5.97 1.81	38.66 -4.76 1.09
LOCKPORT___CC1 323769	34.73 -5.26 0.16	30.81 -4.70 0.09	29.79 -4.18 -0.25	26.28 -3.87 -0.38	24.90 -3.23 -0.50	25.50 -3.54 -0.27	24.31 -3.27 -0.37	23.63 -3.36 0.12	27.79 -3.68 0.01	29.48 -4.10 0.00	31.12 -4.21 0.04	30.12 -4.41 4.17	32.52 -5.06 7.21	34.76 -5.18 5.90	36.03 -5.44 5.06	38.74 -5.35 4.12	43.45 -5.55 5.44	51.49 -6.59 9.84	58.15 -7.58 11.69	64.08 -7.50 5.75	55.51 -7.32 4.92	49.26 -6.34 2.57	42.10 -5.82 1.82	38.66 -4.76 1.09
LOCKPORT___CC2 323770	34.73 -5.26 0.16	30.81 -4.70 0.09	29.79 -4.18 -0.25	26.28 -3.87 -0.38	24.90 -3.23 -0.50	25.50 -3.54 -0.27	24.31 -3.27 -0.37	23.63 -3.36 0.12	27.79 -3.68 0.01	29.48 -4.10 0.00	31.12 -4.21 0.04	30.12 -4.41 4.17	32.52 -5.06 7.21	34.76 -5.18 5.90	36.03 -5.44 5.06	38.74 -5.35 4.12	43.45 -5.55 5.44	51.49 -6.59 9.84	58.15 -7.58 11.69	64.08 -7.50 5.75	55.51 -7.32 4.92	49.26 -6.34 2.57	42.10 -5.82 1.82	38.66 -4.76 1.09
LOCKPORT___CC3 323771	34.73 -5.26 0.16	30.81 -4.70 0.09	29.79 -4.18 -0.25	26.28 -3.87 -0.38	24.90 -3.23 -0.50	25.50 -3.54 -0.27	24.31 -3.27 -0.37	23.63 -3.36 0.12	27.79 -3.68 0.01	29.48 -4.10 0.00	31.12 -4.21 0.04	30.12 -4.41 4.17	32.52 -5.06 7.21	34.76 -5.18 5.90	36.03 -5.44 5.06	38.74 -5.35 4.12	43.45 -5.55 5.44	51.49 -6.59 9.84	58.15 -7.58 11.69	64.08 -7.50 5.75	55.51 -7.32 4.92	49.26 -6.34 2.57	42.10 -5.82 1.82	38.66 -4.76 1.09
LOCUSVLY_69_KV_BK2 55797	48.58 3.57 -4.86	40.93 3.06 -2.26	38.46 2.63 -2.10	35.43 2.38 -3.29	34.05 2.13 -4.28	33.40 2.33 -2.31	31.96 2.15 -2.61	33.33 2.41 -3.80	34.61 3.12 0.00	44.07 3.32 -7.16	45.08 3.71 -6.00	48.94 4.33 -5.91	50.38 5.20 -0.40	52.25 5.41 -0.99	53.67 5.63 -1.51	56.67 5.59 -2.86	60.81 6.26 -0.11	74.46 7.34 0.80	82.69 6.50 1.23	82.10 5.80 1.03	71.95 4.20 0.01	61.30 3.14 0.01	52.56 2.83 0.01	47.89 3.38 0.00
LONG_LAKE_PHOENIX 24014	39.37 -1.16 -0.39	34.79 -1.00 -0.18	33.09 -0.81 -0.17	29.25 -0.77 -0.26	27.35 -0.64 -0.34	28.26 -0.69 -0.18	26.73 -0.68 -0.21	26.71 -0.71 -0.30	30.73 -0.76 0.00	32.84 -0.74 0.00	34.42 -0.96 0.00	37.73 -1.28 -0.31	44.36 -1.48 -1.05	45.52 -1.51 -1.19	46.28 -1.58 -1.33	48.05 -1.54 -1.38	54.63 -1.69 -1.87	68.82 -2.31 -3.21	78.30 -2.48 -3.36	78.32 -2.17 -3.15	68.74 -1.83 -2.82	59.30 -1.63 -2.76	50.48 -1.44 -2.19	44.89 -1.29 -1.68
LOVETT___3 23632	47.56 2.69 -4.72	40.04 2.24 -2.20	37.73 1.96 -2.04	34.68 1.73 -3.19	33.40 1.60 -4.15	32.73 1.73 -2.24	31.42 1.69 -2.53	32.65 1.84 -3.69	33.63 2.14 0.00	35.86 2.28 0.00	38.06 2.69 0.00	41.91 3.21 0.00	48.64 3.85 0.00	49.88 4.03 0.00	50.72 4.19 0.00	52.36 4.15 0.00	58.96 4.52 0.00	73.22 5.30 0.00	82.61 5.19 0.00	82.13 4.79 0.00	71.34 3.59 0.01	60.90 2.73 0.01	52.31 2.59 0.01	47.14 2.63 0.00
LOVETT___4 23642	47.56 2.69 -4.72	40.04 2.24 -2.20	37.73 1.96 -2.04	34.68 1.73 -3.19	33.40 1.60 -4.15	32.73 1.73 -2.24	31.42 1.69 -2.53	32.65 1.84 -3.69	33.63 2.14 0.00	35.86 2.28 0.00	38.06 2.69 0.00	41.91 3.21 0.00	48.64 3.85 0.00	49.88 4.03 0.00	50.72 4.19 0.00	52.36 4.15 0.00	58.96 4.52 0.00	73.22 5.30 0.00	82.61 5.19 0.00	82.13 4.79 0.00	71.34 3.59 0.01	60.90 2.73 0.01	52.31 2.59 0.01	47.14 2.63 0.00
LOVETT___5 23593	47.56 2.69 -4.72	40.04 2.24 -2.20	37.73 1.96 -2.04	34.68 1.73 -3.19	33.40 1.60 -4.15	32.73 1.73 -2.24	31.42 1.69 -2.53	32.65 1.84 -3.69	33.63 2.14 0.00	35.86 2.28 0.00	38.06 2.69 0.00	41.91 3.21 0.00	48.64 3.85 0.00	49.88 4.03 0.00	50.72 4.19 0.00	52.36 4.15 0.00	58.96 4.52 0.00	73.22 5.30 0.00	82.61 5.19 0.00	82.13 4.79 0.00	71.34 3.59 0.01	60.90 2.73 0.01	52.31 2.59 0.01	47.14 2.63 0.00
LOWER RAQUET___HYD 24057	39.62 -0.52 0.00	35.21 -0.39 0.00	33.29 -0.44 0.00	29.46 -0.30 0.00	27.28 -0.36 0.00	28.48 -0.29 0.00	26.88 -0.33 0.00	26.79 -0.32 0.00	31.05 -0.44 0.00	33.14 -0.44 0.00	34.80 -0.57 0.00	38.08 -0.62 0.00	44.12 -0.67 0.00	45.06 -0.78 0.00	45.65 -0.89 0.00	47.44 -0.77 0.00	53.46 -0.98 0.00	67.24 -0.68 0.00	77.19 -0.23 0.00	77.65 0.31 0.00	68.16 0.41 0.00	58.52 0.35 0.00	50.13 0.40 0.00	44.69 0.18 0.00
LOWER___HUDSON 24059	48.12 1.89 -6.08	40.11 1.67 -2.83	37.88 1.52 -2.63	35.21 1.34 -4.11	34.27 1.27 -5.35	32.92 1.26 -2.89	31.66 1.20 -3.26	33.01 1.14 -4.75	32.75 1.26 0.00	34.89 1.31 0.00	36.64 1.27 0.00	40.17 1.47 0.00	46.40 1.61 0.00	47.49 1.65 0.00	48.30 1.77 0.00	49.90 1.69 0.00	56.46 2.02 0.00	70.03 2.11 0.00	79.74 2.32 0.00	79.19 1.85 0.00	69.65 1.89 0.00	59.92 1.74 0.00	51.12 1.39 0.00	45.89 1.38 0.00

LOWVILLE_115KV_TB2 356335	39.71 -0.60 -0.17	35.18 -0.50 -0.08	33.43 -0.37 -0.07	29.70 -0.18 -0.11	27.73 -0.06 -0.15	28.90 0.06 -0.08	27.29 0.00 -0.09	27.22 -0.03 -0.13	31.39 -0.09 0.00	33.48 -0.10 0.00	34.95 -0.42 0.00	38.27 -0.43 0.00	44.07 -0.72 0.00	44.97 -0.87 0.00	45.65 -0.88 0.00	47.39 -0.82 0.00	53.90 -0.54 0.00	67.65 -0.27 0.00	78.18 0.62 -0.14	79.25 1.70 -0.21	69.57 1.69 -0.12	59.84 1.40 -0.28	51.08 1.14 -0.21	45.67 0.98 -0.18
LUTHERFT_115KV_GLOB_FND_222 355753	48.65 2.33 -6.18	40.54 2.07 -2.87	38.26 1.86 -2.67	35.55 1.61 -4.18	34.63 1.55 -5.44	33.28 1.58 -2.93	31.95 1.44 -3.31	33.30 1.36 -4.83	32.97 1.48 0.00	34.99 1.41 0.00	36.82 1.45 0.00	40.32 1.63 0.00	46.63 1.84 0.00	47.68 1.83 0.00	48.49 1.95 0.00	50.24 2.02 0.00	56.94 2.50 0.00	70.98 3.06 0.00	81.06 3.64 0.00	80.66 3.33 0.00	70.87 3.12 0.00	60.91 2.73 0.00	51.97 2.24 0.00	46.60 2.09 0.00
LUTHERNY_35_KV_BK2 355980	48.69 2.37 -6.18	40.54 2.07 -2.87	38.29 1.89 -2.67	35.55 1.61 -4.18	34.66 1.58 -5.44	33.28 1.58 -2.93	31.95 1.44 -3.31	33.33 1.38 -4.83	33.00 1.51 0.00	34.99 1.41 0.00	36.86 1.49 0.00	40.36 1.66 0.00	46.63 1.84 0.00	47.68 1.83 0.00	48.53 2.00 0.00	50.24 2.02 0.00	57.00 2.56 0.00	70.98 3.06 0.00	81.06 3.64 0.00	80.66 3.33 0.00	70.94 3.18 0.00	60.96 2.79 0.00	51.97 2.24 0.00	46.65 2.14 0.00
LWR___OSWEGATCHIE_HYD 23850	39.66 -0.60 -0.12	35.20 -0.46 -0.06	33.38 -0.40 -0.05	29.58 -0.27 -0.08	27.50 -0.25 -0.11	28.68 -0.14 -0.06	27.08 -0.19 -0.06	26.97 -0.24 -0.09	31.14 -0.35 0.00	33.24 -0.34 0.00	34.77 -0.60 0.00	38.16 -0.54 0.00	43.94 -0.85 0.00	44.88 -0.96 0.00	45.46 -1.07 0.00	47.20 -1.01 0.00	53.41 -1.03 0.00	67.17 -0.75 0.00	77.46 -0.08 -0.11	78.28 0.77 -0.18	68.80 0.95 -0.10	59.16 0.76 -0.23	50.55 0.65 -0.17	45.10 0.45 -0.15
LYONS_FALL_HYD 23570	40.14 -0.16 -0.16	35.54 -0.14 -0.07	33.76 -0.03 -0.07	29.90 0.03 -0.11	27.89 0.11 -0.14	29.04 0.20 -0.07	27.42 0.14 -0.08	27.38 0.14 -0.12	31.62 0.13 0.00	33.71 0.13 0.00	35.27 -0.11 0.00	38.62 -0.08 0.00	44.57 -0.22 0.00	45.48 -0.37 0.00	46.11 -0.42 0.00	47.88 -0.34 0.00	54.28 -0.16 0.00	68.06 0.14 0.00	78.30 0.77 -0.10	79.04 1.55 -0.15	69.33 1.49 -0.09	59.60 1.22 -0.20	50.88 0.99 -0.15	45.48 0.84 -0.13
MADISON___COUNTY_LFGE 323628	40.87 0.44 -0.28	36.13 0.39 -0.13	34.29 0.44 -0.12	30.34 0.39 -0.19	28.27 0.39 -0.25	29.30 0.40 -0.13	27.71 0.35 -0.15	27.63 0.30 -0.22	31.83 0.35 0.00	33.98 0.40 0.00	35.62 0.25 0.00	38.92 0.31 0.09	44.75 0.27 0.31	45.68 0.18 0.35	46.28 0.14 0.39	48.00 0.19 0.41	54.27 0.38 0.55	67.59 0.61 0.95	77.91 1.16 0.67	78.29 1.39 0.44	68.49 1.29 0.56	59.05 1.05 0.17	50.36 0.80 0.17	45.19 0.76 0.08
MALONE___115KV_TB1 356076	39.70 -0.44 0.00	35.32 -0.28 0.00	33.36 -0.37 0.00	29.55 -0.21 0.00	27.34 -0.30 0.00	28.54 -0.23 0.00	26.98 -0.22 0.00	26.93 -0.19 0.00	31.27 -0.22 0.00	33.45 -0.13 0.00	35.16 -0.21 0.00	38.62 -0.08 0.00	44.61 -0.18 0.00	45.66 -0.18 0.00	46.30 -0.23 0.00	48.16 -0.05 0.00	54.33 -0.11 0.00	68.33 0.41 0.00	78.27 0.85 0.00	78.57 1.24 0.00	68.91 1.15 0.00	59.04 0.87 0.00	50.48 0.75 0.00	45.00 0.49 0.00
MAPLEWOD_115KV_TB3 80458	47.87 1.69 -6.04	39.91 1.50 -2.81	37.76 1.42 -2.61	35.07 1.22 -4.08	34.15 1.19 -5.31	32.84 1.21 -2.87	31.55 1.12 -3.23	32.89 1.06 -4.72	32.62 1.13 0.00	34.62 1.04 0.00	36.57 1.20 0.00	40.09 1.39 0.00	46.31 1.52 0.00	47.45 1.60 0.00	48.25 1.72 0.00	49.85 1.64 0.00	56.29 1.85 0.00	69.96 2.04 0.00	79.59 2.17 0.00	79.11 1.78 0.00	69.45 1.69 0.00	59.68 1.51 0.00	50.98 1.24 0.00	45.84 1.34 0.00
MAPLE_RIDGE_WT_1 323574	39.34 -0.80 0.00	34.97 -0.64 0.00	33.15 -0.57 0.00	29.35 -0.42 0.00	27.28 -0.36 0.00	28.42 -0.34 0.00	26.90 -0.30 0.00	26.82 -0.30 0.00	31.14 -0.35 0.00	33.21 -0.37 0.00	34.98 -0.39 0.00	38.24 -0.46 0.00	44.30 -0.49 0.00	45.30 -0.55 0.00	45.98 -0.56 0.00	47.68 -0.53 0.00	53.84 -0.60 0.00	67.31 -0.61 0.00	76.80 -0.62 0.00	76.87 -0.46 0.00	67.42 -0.34 0.00	57.82 -0.35 0.00	49.49 -0.25 0.00	44.24 -0.27 0.00
MAPLE_RIDGE_WT_2 323611	39.34 -0.80 0.00	34.97 -0.64 0.00	33.15 -0.57 0.00	29.35 -0.42 0.00	27.28 -0.36 0.00	28.42 -0.34 0.00	26.90 -0.30 0.00	26.82 -0.30 0.00	31.14 -0.35 0.00	33.21 -0.37 0.00	34.98 -0.39 0.00	38.24 -0.46 0.00	44.30 -0.49 0.00	45.30 -0.55 0.00	45.98 -0.56 0.00	47.68 -0.53 0.00	53.84 -0.60 0.00	67.31 -0.61 0.00	76.80 -0.62 0.00	76.87 -0.46 0.00	67.42 -0.34 0.00	57.82 -0.35 0.00	49.49 -0.25 0.00	44.24 -0.27 0.00
MARBLE_RIVER_WT_PWR 323696	39.38 -0.76 0.00	34.97 -0.64 0.00	33.05 -0.67 0.00	29.26 -0.51 0.00	27.12 -0.53 0.00	28.25 -0.52 0.00	26.71 -0.49 0.00	26.66 -0.46 0.00	30.95 -0.54 0.00	33.04 -0.54 0.00	34.84 -0.53 0.00	38.16 -0.54 0.00	44.25 -0.54 0.00	45.34 -0.50 0.00	46.02 -0.51 0.00	47.82 -0.39 0.00	53.95 -0.49 0.00	67.72 -0.20 0.00	77.35 -0.08 0.00	77.49 0.15 0.00	67.96 0.20 0.00	58.29 0.12 0.00	49.88 0.15 0.00	44.46 -0.04 0.00
MARSHVLE_115KV_TB1 80742	48.97 1.93 -6.90	40.45 1.64 -3.21	38.16 1.45 -2.98	35.64 1.22 -4.66	34.93 1.22 -6.07	33.30 1.27 -3.27	31.96 1.06 -3.70	33.32 0.81 -5.39	32.15 0.66 0.00	33.92 0.34 0.00	35.58 0.21 0.00	38.97 0.27 0.00	45.01 0.22 0.00	46.07 0.23 0.00	46.90 0.37 0.00	48.74 0.53 0.00	55.42 0.98 0.00	69.48 1.56 0.00	80.13 2.71 0.00	80.58 3.25 0.00	70.93 3.18 0.01	60.90 2.73 0.01	51.91 2.19 0.01	46.47 1.96 0.00
MARSH_HILL_WT_PWR 323713	41.33 -3.05 -4.24	34.96 -2.71 -2.06	31.75 -2.36 -0.39	28.22 -2.14 -0.60	26.68 -1.74 -0.78	27.32 -1.87 -0.42	25.98 -1.74 -0.52	28.48 -1.95 -3.31	29.45 -2.08 -0.04	31.63 -1.95 0.00	33.13 -2.41 -0.16	50.89 -2.51 -14.71	63.85 -3.00 -22.06	58.82 -2.98 -15.95	55.15 -2.98 -11.59	52.40 -3.28 -7.47	60.42 -3.54 -9.51	82.62 -3.87 -18.57	105.03 -2.17 -29.77	84.18 -2.48 -9.32	70.30 -1.83 -4.38	57.08 -1.80 -0.72	46.70 -2.04 0.99	42.21 -1.74 0.56
MCINTYRE_115KV_TB2 80467	40.31 0.16 0.00	35.82 0.21 0.00	33.86 0.13 0.00	29.97 0.21 0.00	27.70 0.06 0.00	28.94 0.17 0.00	27.28 0.08 0.00	27.12 0.00 0.00	31.36 -0.13 0.00	33.41 -0.17 0.00	35.05 -0.32 0.00	38.51 -0.19 0.00	44.39 -0.40 0.00	45.34 -0.50 0.00	45.93 -0.60 0.00	47.78 -0.43 0.00	53.79 -0.65 0.00	67.78 -0.14 0.00	78.04 0.62 0.00	78.65 1.31 0.00	69.18 1.42 0.00	59.34 1.16 0.00	50.88 1.14 0.00	45.35 0.85 0.00
MECO____69_KV_BK1 80468	49.31 2.53 -6.64	40.86 2.17 -3.08	38.55 1.96 -2.87	35.91 1.67 -4.48	35.11 1.63 -5.84	33.61 1.70 -3.15	32.20 1.44 -3.55	33.49 1.19 -5.18	32.56 1.07 0.00	34.39 0.81 0.00	36.01 0.64 0.00	39.36 0.66 0.00	45.51 0.72 0.00	46.58 0.73 0.00	47.51 0.98 0.00	49.37 1.16 0.00	56.18 1.74 0.00	70.57 2.65 0.00	81.45 4.03 0.00	81.74 4.41 0.00	72.02 4.27 0.01	61.72 3.55 0.01	52.61 2.88 0.01	47.14 2.63 0.00

MENANDS__115KV_TB5 355628	47.74 1.57 -6.03	39.80 1.39 -2.80	37.69 1.35 -2.61	35.00 1.16 -4.08	34.06 1.11 -5.31	32.75 1.12 -2.86	31.49 1.06 -3.23	32.83 1.00 -4.71	32.56 1.07 0.00	34.55 0.97 0.00	36.50 1.13 0.00	40.01 1.32 0.00	46.22 1.43 0.00	47.36 1.51 0.00	48.16 1.63 0.00	49.71 1.49 0.00	56.13 1.69 0.00	69.69 1.77 0.00	79.20 1.78 0.00	78.73 1.39 0.00	69.11 1.36 0.00	59.39 1.22 0.00	50.78 1.04 0.00	45.67 1.16 0.00
MG INDUSTRY__DRP 24185	47.41 1.36 -5.90	39.56 1.21 -2.74	37.46 1.18 -2.55	34.76 1.01 -3.99	33.80 0.97 -5.19	32.54 0.98 -2.80	31.26 0.90 -3.16	32.57 0.84 -4.61	32.31 0.82 0.00	34.28 0.71 0.00	36.19 0.81 0.00	39.63 0.93 0.00	45.86 1.07 0.00	46.99 1.15 0.00	47.74 1.21 0.00	49.32 1.11 0.00	55.75 1.31 0.00	69.28 1.36 0.00	78.97 1.55 0.00	78.65 1.31 0.00	69.04 1.29 0.00	59.34 1.16 0.00	50.73 0.99 0.00	45.62 1.11 0.00
MID__OSWEGATCHIE_HYD 23849	39.66 -0.60 -0.12	35.20 -0.46 -0.06	33.38 -0.40 -0.05	29.58 -0.27 -0.08	27.50 -0.25 -0.11	28.68 -0.14 -0.06	27.08 -0.19 -0.06	26.97 -0.24 -0.09	31.14 -0.35 0.00	33.24 -0.34 0.00	34.77 -0.60 0.00	38.16 -0.54 0.00	43.94 -0.85 0.00	44.88 -0.96 0.00	45.46 -1.07 0.00	47.20 -1.01 0.00	53.41 -1.03 0.00	67.17 -0.75 0.00	77.46 -0.08 -0.11	78.28 0.77 -0.18	68.80 0.95 -0.10	59.16 0.76 -0.23	50.55 0.65 -0.17	45.10 0.45 -0.15
MID__RAQUETTE_HYD 23851	39.62 -0.52 0.00	35.21 -0.39 0.00	33.29 -0.44 0.00	29.46 -0.30 0.00	27.28 -0.36 0.00	28.48 -0.29 0.00	26.90 -0.30 0.00	26.79 -0.33 0.00	31.05 -0.44 0.00	33.18 -0.40 0.00	34.81 -0.57 0.00	38.23 -0.46 0.00	44.12 -0.67 0.00	45.06 -0.78 0.00	45.65 -0.88 0.00	47.44 -0.77 0.00	53.46 -0.98 0.00	67.24 -0.68 0.00	77.19 -0.23 0.00	77.65 0.31 0.00	68.16 0.41 0.00	58.52 0.35 0.00	50.13 0.40 0.00	44.69 0.18 0.00
MILLIKEN__1 23584	41.44 0.00 -1.29	36.22 0.00 -0.61	34.25 0.10 -0.42	30.45 0.03 -0.66	28.61 0.11 -0.85	29.31 0.09 -0.46	27.79 0.05 -0.53	28.13 0.00 -1.01	31.56 0.06 0.00	33.68 0.10 0.00	35.32 -0.07 -0.02	39.86 -0.19 -1.36	46.50 -0.22 -1.94	46.90 -0.28 -1.33	47.10 -0.33 -0.89	48.41 -0.29 -0.49	54.88 -0.16 -0.60	69.10 -0.07 -1.25	80.61 0.54 -2.65	79.10 0.85 -0.92	68.82 0.81 -0.25	59.08 0.58 -0.32	50.10 0.30 -0.07	44.91 0.27 -0.14
MILLIKEN__2 23585	41.44 0.00 -1.29	36.22 0.00 -0.61	34.25 0.10 -0.42	30.45 0.03 -0.66	28.61 0.11 -0.85	29.31 0.09 -0.46	27.79 0.05 -0.53	28.13 0.00 -1.01	31.56 0.06 0.00	33.68 0.10 0.00	35.32 -0.07 -0.02	39.86 -0.19 -1.36	46.50 -0.22 -1.94	46.90 -0.28 -1.33	47.10 -0.33 -0.89	48.41 -0.29 -0.49	54.88 -0.16 -0.60	69.10 -0.07 -1.25	80.61 0.54 -2.65	79.10 0.85 -0.92	68.82 0.81 -0.25	59.08 0.58 -0.32	50.10 0.30 -0.07	44.91 0.27 -0.14
MILLIKEN__DIESEL 23629	41.44 0.00 -1.29	36.22 0.00 -0.61	34.25 0.10 -0.42	30.45 0.03 -0.66	28.61 0.11 -0.85	29.31 0.09 -0.46	27.79 0.05 -0.53	28.13 0.00 -1.01	31.56 0.06 0.00	33.68 0.10 0.00	35.32 -0.07 -0.02	39.86 -0.19 -1.36	46.50 -0.22 -1.94	46.90 -0.28 -1.33	47.10 -0.33 -0.89	48.41 -0.29 -0.49	54.88 -0.16 -0.60	69.10 -0.07 -1.25	80.61 0.54 -2.65	79.10 0.85 -0.92	68.82 0.81 -0.25	59.08 0.58 -0.32	50.10 0.30 -0.07	44.91 0.27 -0.14
MILLSEAT__LFGE 323607	35.79 -4.34 0.02	31.66 -3.92 0.02	30.50 -3.47 -0.25	26.96 -3.18 -0.38	25.54 -2.60 -0.50	26.16 -2.88 -0.27	24.86 -2.69 -0.36	24.28 -2.82 0.02	28.42 -3.05 0.01	30.05 -3.53 0.00	31.80 -3.54 0.03	31.53 -3.72 3.46	34.40 -4.26 6.13	36.33 -4.40 5.11	37.41 -4.65 4.47	40.00 -4.48 3.73	45.04 -4.46 4.94	53.93 -5.10 8.89	61.39 -5.81 10.22	66.66 -5.42 5.26	57.78 -5.35 4.62	50.99 -4.71 2.47	43.46 -4.48 1.79	39.71 -3.69 1.10
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	47.83 2.85 -4.83	40.24 2.39 -2.25	37.88 2.06 -2.09	34.84 1.82 -3.27	33.61 1.71 -4.25	32.90 1.84 -2.29	31.59 1.80 -2.59	32.82 1.93 -3.78	33.76 2.27 0.00	36.00 2.42 0.00	38.17 2.79 0.00	42.03 3.33 0.00	48.82 4.03 0.00	50.06 4.22 0.00	50.95 4.42 0.00	52.55 4.34 0.00	59.23 4.79 0.00	73.56 5.64 0.00	83.00 5.57 0.00	82.52 5.18 0.00	71.68 3.93 0.01	61.19 3.02 0.01	52.51 2.79 0.01	47.27 2.76 0.00
MILLWOOD_13_KV_LOAD 356217	47.95 2.97 -4.83	40.31 2.46 -2.25	37.94 2.12 -2.09	34.93 1.90 -3.27	33.66 1.77 -4.25	32.96 1.90 -2.29	31.64 1.85 -2.59	32.87 1.98 -3.78	33.79 2.30 0.00	36.03 2.45 0.00	38.24 2.87 0.00	42.10 3.41 0.00	48.91 4.12 0.00	50.15 4.31 0.00	51.05 4.51 0.00	52.69 4.48 0.00	59.34 4.90 0.00	73.76 5.84 0.00	83.31 5.88 0.00	82.75 5.41 0.00	71.81 4.07 0.01	61.31 3.14 0.01	52.66 2.93 0.01	47.40 2.89 0.00
MODEL_CITY_ENERGY 24167	34.31 -5.70 0.14	30.43 -5.09 0.08	29.42 -4.55 -0.25	25.95 -4.20 -0.38	24.63 -3.51 -0.49	25.18 -3.85 -0.27	24.01 -3.56 -0.37	23.35 -3.66 0.11	27.45 -4.03 0.01	29.11 -4.47 0.00	30.73 -4.60 0.04	29.99 -4.64 4.07	32.45 -5.29 7.05	34.55 -5.50 5.79	35.74 -5.82 4.97	38.61 -5.54 4.06	43.30 -5.77 5.37	51.35 -6.86 9.72	57.51 -8.36 11.55	63.61 -8.04 5.69	54.59 -8.27 4.90	48.50 -7.10 2.57	41.49 -6.42 1.83	38.17 -5.25 1.08
MODERN_LFGE__ 323580	34.31 -5.70 0.14	30.43 -5.09 0.08	29.42 -4.55 -0.25	25.95 -4.20 -0.38	24.63 -3.51 -0.49	25.18 -3.85 -0.27	24.01 -3.56 -0.37	23.35 -3.66 0.11	27.45 -4.03 0.01	29.11 -4.47 0.00	30.73 -4.60 0.04	29.99 -4.64 4.07	32.45 -5.29 7.05	34.55 -5.50 5.79	35.74 -5.82 4.97	38.61 -5.54 4.06	43.30 -5.77 5.37	51.35 -6.86 9.72	57.51 -8.36 11.55	63.61 -8.04 5.69	54.59 -8.27 4.90	48.50 -7.10 2.57	41.49 -6.42 1.83	38.17 -5.25 1.08
MOHAWK_PAPER__DRP 24187	47.87 1.69 -6.04	39.91 1.50 -2.81	37.76 1.42 -2.61	35.07 1.22 -4.08	34.15 1.19 -5.31	32.84 1.21 -2.87	31.55 1.12 -3.23	32.89 1.06 -4.72	32.62 1.13 0.00	34.62 1.04 0.00	36.57 1.20 0.00	40.09 1.39 0.00	46.31 1.52 0.00	47.45 1.60 0.00	48.25 1.72 0.00	49.85 1.64 0.00	56.29 1.85 0.00	69.96 2.04 0.00	79.59 2.17 0.00	79.11 1.78 0.00	69.45 1.69 0.00	59.68 1.51 0.00	50.98 1.24 0.00	45.84 1.34 0.00
MOHICAN__35_KV_115KV_LD 80490	49.30 2.97 -6.19	41.08 2.60 -2.88	38.77 2.36 -2.68	35.94 1.99 -4.18	35.05 1.96 -5.44	33.71 2.01 -2.93	32.31 1.80 -3.31	33.66 1.71 -4.83	33.35 1.86 0.00	35.39 1.81 0.00	37.11 1.73 0.00	40.67 1.97 0.00	46.94 2.15 0.00	47.91 2.06 0.00	48.77 2.23 0.00	50.53 2.31 0.00	57.60 3.16 0.00	71.93 4.01 0.00	82.46 5.03 0.00	82.05 4.72 0.00	72.23 4.47 0.00	62.01 3.84 0.00	52.82 3.08 0.00	47.31 2.80 0.00
MONGAUP__HYD 23641	47.02 2.45 -4.43	39.73 2.06 -2.06	37.43 1.79 -1.92	34.33 1.58 -2.99	33.00 1.46 -3.90	32.42 1.55 -2.10	31.10 1.52 -2.37	32.10 1.52 -3.46	33.22 1.73 0.00	35.46 1.88 0.00	37.42 2.05 0.00	41.18 2.48 0.00	47.79 3.00 0.00	48.96 3.12 0.00	49.84 3.30 0.00	51.54 3.32 0.00	58.19 3.75 0.00	72.47 4.55 0.00	82.15 4.72 0.00	81.82 4.48 0.00	71.61 3.86 0.01	61.19 3.02 0.01	52.26 2.54 0.01	46.96 2.45 0.00

MONTAUK___DIESEL 23721	48.70 3.69 -4.86	41.14 3.28 -2.26	38.60 2.77 -2.10	35.82 2.77 -3.29	34.41 2.49 -4.28	33.81 2.73 -2.31	32.26 2.45 -2.61	33.93 3.01 -3.80	35.78 4.28 -0.01	45.35 4.60 -7.17	46.00 4.63 -6.00	49.52 4.91 -5.91	51.01 5.82 -0.40	53.18 6.37 -0.97	54.41 6.65 -1.23	60.12 6.65 -5.26	72.14 7.62 -10.08	83.53 8.83 -6.78	95.02 7.66 -9.93	92.54 6.88 -8.32	72.83 5.08 0.00	60.95 2.79 0.01	52.06 2.34 0.01	47.80 3.29 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.41 -4.74 -0.01	31.36 -4.24 0.01	30.11 -3.91 -0.29	26.77 -3.45 -0.46	25.28 -2.96 -0.59	26.01 -3.08 -0.32	24.84 -2.80 -0.43	24.28 -2.85 -0.01	28.64 -2.83 0.01	30.93 -2.65 0.00	32.29 -3.04 0.04	32.13 -2.71 3.86	35.10 -3.05 6.65	37.34 -3.07 5.44	38.67 -3.21 4.65	40.30 -4.10 3.81	44.52 -4.90 5.02	54.50 -4.35 9.07	63.96 -3.02 10.44	66.61 -5.41 5.32	58.00 -5.22 4.54	50.98 -4.83 2.36	43.19 -4.87 1.67	39.49 -4.05 0.97
MORRIS_RIDGE___SOLAR 323848	33.02 -3.41 3.71	30.70 -3.06 1.85	31.38 -2.70 -0.35	27.84 -2.47 -0.54	26.33 -2.02 -0.71	26.96 -2.19 -0.38	25.62 -2.07 -0.48	21.94 -2.28 2.90	28.94 -2.49 0.06	31.13 -2.45 0.00	32.28 -2.86 0.23	14.61 -2.94 21.15	8.25 -3.49 33.04	17.50 -3.49 24.86	23.85 -3.54 19.14	30.79 -3.86 13.56	32.66 -4.25 17.53	29.91 -4.89 33.12	26.74 -3.79 46.89	55.69 -4.10 17.54	52.99 -3.45 11.31	51.01 -3.14 4.02	45.34 -3.13 1.26	41.20 -2.58 0.73
MORTIMER_115KV_TB3 55949	37.98 -2.57 -0.41	33.51 -2.28 -0.18	32.02 -1.96 -0.25	28.33 -1.82 -0.39	26.74 -1.41 -0.51	27.43 -1.61 -0.27	26.04 -1.47 -0.30	25.89 -1.55 -0.32	29.79 -1.70 0.00	32.03 -1.54 0.00	33.38 -1.98 0.01	34.77 -2.67 1.25	39.00 -3.00 2.79	40.06 -3.12 2.67	40.61 -3.26 2.67	42.60 -3.09 2.53	48.22 -2.83 3.39	57.98 -4.01 5.94	67.47 -4.26 5.69	70.22 -3.40 3.71	61.26 -2.85 3.65	53.65 -2.39 2.14	45.53 -2.49 1.72	41.30 -2.05 1.17
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	48.30 3.29 -4.86	40.57 2.71 -2.26	38.19 2.36 -2.10	35.13 2.08 -3.29	33.88 1.96 -4.28	33.17 2.10 -2.31	31.85 2.04 -2.61	33.11 2.20 -3.80	34.07 2.58 0.00	36.38 2.79 -0.02	38.61 3.22 -0.02	42.58 3.79 -0.09	49.39 4.57 -0.03	54.17 4.77 -3.56	57.48 4.93 -6.02	62.91 4.92 -9.78	65.96 5.44 -6.07	76.71 6.38 -2.41	83.85 6.43 0.00	83.31 5.95 -0.02	72.36 4.61 0.01	61.66 3.49 0.01	53.03 3.28 -0.01	47.77 3.25 -0.01
MUNSVILLE_WIND_PWR 323609	43.17 1.28 -1.74	37.52 1.10 -0.81	35.56 1.18 -0.65	31.82 1.04 -1.02	29.96 0.99 -1.32	30.54 1.06 -0.71	28.81 0.79 -0.82	29.18 0.70 -1.36	32.28 0.79 0.00	34.55 0.97 0.00	35.98 0.60 -0.01	40.45 0.77 -0.98	46.68 0.54 -1.35	46.96 0.23 -0.89	47.18 0.09 -0.55	48.60 0.15 -0.25	55.22 0.49 -0.29	69.87 1.29 -0.67	82.33 3.18 -1.73	81.45 3.64 -0.48	71.05 3.32 0.02	60.99 2.73 -0.08	51.84 2.19 0.08	46.53 2.00 -0.02
N SALMON___HYD 24042	39.70 -0.44 0.00	35.32 -0.29 0.00	33.36 -0.37 0.00	29.55 -0.21 0.00	27.34 -0.30 0.00	28.54 -0.23 0.00	26.98 -0.22 0.00	26.93 -0.19 0.00	31.27 -0.22 0.00	33.41 -0.17 0.00	35.16 -0.21 0.00	38.47 -0.23 0.00	44.61 -0.18 0.00	45.66 -0.18 0.00	46.30 -0.23 0.00	48.16 -0.05 0.00	54.33 -0.11 0.00	68.33 0.41 0.00	78.28 0.85 0.00	78.57 1.23 0.00	68.91 1.15 0.00	59.05 0.87 0.00	50.48 0.75 0.00	45.00 0.49 0.00
N.AKRON__115KV_KNAPP 355671	35.65 -4.46 0.04	31.58 -3.99 0.03	30.43 -3.54 -0.25	26.90 -3.24 -0.38	25.46 -2.68 -0.50	26.10 -2.93 -0.27	24.81 -2.75 -0.36	24.21 -2.87 0.03	28.36 -3.12 0.01	30.62 -2.95 0.00	31.73 -3.61 0.03	31.38 -3.75 3.56	34.29 -4.21 6.29	36.17 -4.45 5.23	37.27 -4.70 4.56	39.90 -4.53 3.78	44.86 -4.57 5.01	53.05 -5.84 9.03	61.03 -5.96 10.43	66.59 -5.41 5.33	57.40 -5.69 4.66	50.80 -4.89 2.48	43.16 -4.77 1.80	39.63 -3.78 1.10
N.BELMOR_69_KV_BK1 55787	48.62 3.61 -4.86	40.96 3.10 -2.26	38.46 2.63 -2.10	35.46 2.41 -3.29	34.05 2.13 -4.28	33.43 2.36 -2.31	31.96 2.15 -2.61	33.33 2.41 -3.80	34.64 3.15 0.00	44.10 3.36 -7.16	45.08 3.71 -6.00	48.98 4.37 -5.91	50.43 5.24 -0.40	52.31 5.46 -1.01	53.83 5.63 -1.66	56.87 5.64 -3.02	61.12 6.26 -0.42	75.50 7.54 -0.04	83.93 6.50 0.00	83.21 5.88 0.00	71.94 4.20 0.01	61.24 3.08 0.01	52.51 2.79 0.01	47.89 3.38 0.00
N.E._GEN_SANDY PD 24062	47.82 2.09 -5.59	40.02 1.81 -2.60	37.80 1.65 -2.42	35.00 1.46 -3.78	33.92 1.35 -4.92	32.80 1.38 -2.65	31.53 1.33 -2.99	32.79 1.30 -4.37	33.00 1.51 0.00	35.16 1.58 0.00	37.00 1.63 0.00	40.63 1.93 0.00	46.94 2.15 0.00	48.09 2.25 0.00	48.90 2.37 0.00	50.48 2.27 0.00	57.00 2.56 0.00	70.50 2.58 0.00	79.97 2.55 0.00	79.27 1.93 0.00	69.59 1.83 0.00	59.86 1.69 0.00	51.12 1.39 0.00	45.98 1.47 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	47.62 2.77 -4.70	40.11 2.31 -2.19	37.75 1.99 -2.03	34.70 1.76 -3.18	33.41 1.63 -4.14	32.75 1.75 -2.23	31.44 1.71 -2.52	32.66 1.87 -3.67	33.66 2.17 0.00	35.90 2.32 0.00	38.10 2.72 0.00	41.95 3.25 0.00	48.73 3.94 0.00	49.97 4.13 0.00	50.81 4.28 0.00	52.45 4.24 0.00	59.07 4.63 0.00	73.35 5.43 0.00	82.84 5.42 0.00	82.36 5.03 0.00	71.54 3.79 0.01	61.08 2.91 0.01	52.41 2.69 0.01	47.18 2.67 0.00
N.QUEENS_27_KV_LOAD 356247	48.47 3.45 -4.87	40.69 2.81 -2.27	38.27 2.43 -2.11	35.23 2.17 -3.29	33.95 2.02 -4.28	33.30 2.22 -2.31	31.96 2.15 -2.61	33.26 2.33 -3.81	34.07 2.58 0.00	36.44 2.85 0.00	38.68 3.29 -0.02	42.58 3.79 -0.08	49.66 4.84 -0.03	54.09 5.00 -3.25	57.05 5.21 -5.31	61.95 5.11 -8.63	65.41 5.61 -5.36	76.64 6.59 -2.13	83.69 6.27 0.00	83.23 5.88 -0.01	72.15 4.40 0.01	61.71 3.55 0.01	53.13 3.38 -0.01	47.94 3.43 -0.01
N.TROY___115KV_TB1 355778	48.12 1.89 -6.08	40.11 1.67 -2.83	37.88 1.52 -2.63	35.21 1.34 -4.11	34.27 1.27 -5.35	32.92 1.27 -2.89	31.66 1.20 -3.26	33.01 1.14 -4.75	32.78 1.29 0.00	34.72 1.14 0.00	36.65 1.27 0.00	40.17 1.47 0.00	46.36 1.57 0.00	47.49 1.65 0.00	48.30 1.77 0.00	49.90 1.69 0.00	56.46 2.01 0.00	70.09 2.17 0.00	79.75 2.32 0.00	79.19 1.86 0.00	69.65 1.90 0.00	59.92 1.75 0.00	51.13 1.39 0.00	45.89 1.38 0.00
NARROWS_GT1_1 24228	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
NARROWS_GT1_2 24229	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02

NARROWS_GT1_3 24230	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
NARROWS_GT1_4 24231	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
NARROWS_GT1_5 24232	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
NARROWS_GT1_6 24233	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
NARROWS_GT1_7 24234	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
NARROWS_GT1_8 24235	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
NARROWS_GT2_1 24236	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
NARROWS_GT2_2 24237	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
NARROWS_GT2_3 24238	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
NARROWS_GT2_4 24239	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
NARROWS_GT2_5 24240	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
NARROWS_GT2_6 24241	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
NARROWS_GT2_7 24242	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
NARROWS_GT2_8 24243	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.25 4.07 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	47.48 1.61 -5.73	39.66 1.39 -2.66	37.59 1.38 -2.48	34.82 1.19 -3.87	33.82 1.13 -5.04	32.63 1.15 -2.72	31.33 1.06 -3.07	32.51 0.92 -4.47	32.56 1.07 0.00	34.45 0.87 0.00	36.40 1.03 0.00	39.86 1.16 0.00	46.13 1.34 0.00	47.31 1.47 0.00	48.11 1.58 0.00	49.80 1.59 0.00	56.40 1.96 0.00	70.43 2.51 0.00	80.60 3.17 0.00	80.27 2.94 0.00	70.47 2.71 0.00	60.44 2.27 0.00	51.52 1.79 0.00	46.29 1.78 0.00

NCHELSEA_115KV_TR2 355582	47.93	40.32	37.95	34.91	33.65	32.94	31.62	32.78	33.69	35.90	38.10	41.95	48.73	49.97	50.86	52.55	59.23	73.69	83.46	82.90	72.09	61.54	52.71	47.36
	2.93	2.46	2.12	1.87	1.74	1.87	1.82	1.87	2.20	2.32	2.72	3.25	3.94	4.13	4.33	4.34	4.79	5.77	6.04	5.57	4.34	3.37	2.98	2.85
	-4.85	-2.26	-2.10	-3.28	-4.27	-2.30	-2.60	-3.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00
NEG CAPITAL___MECHNVIL 23645	48.70	40.57	38.31	35.56	34.63	33.29	31.96	33.30	33.03	35.19	36.93	40.48	46.71	47.81	48.63	50.33	57.11	71.05	81.14	80.66	70.94	60.96	51.97	46.60
	2.41	2.10	1.92	1.64	1.57	1.61	1.47	1.38	1.54	1.61	1.55	1.78	1.92	1.97	2.10	2.12	2.67	3.13	3.72	3.32	3.19	2.79	2.24	2.09
	-6.15	-2.86	-2.66	-4.16	-5.41	-2.92	-3.29	-4.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG CENTRAL_HIGH_ACRES 23767	37.73	33.29	31.81	28.15	26.50	27.22	25.81	25.69	29.60	31.23	33.17	34.70	38.89	40.02	40.56	42.49	48.03	58.50	67.36	69.93	61.05	53.32	45.34	41.00
	-2.81	-2.49	-2.16	-1.99	-1.63	-1.81	-1.69	-1.74	-1.89	-2.35	-2.19	-2.86	-3.36	-3.39	-3.54	-3.42	-3.32	-4.01	-4.88	-4.02	-3.39	-2.91	-2.83	-2.45
	-0.40	-0.18	-0.24	-0.38	-0.49	-0.26	-0.29	-0.31	0.00	0.00	0.01	1.14	2.54	2.43	2.43	2.30	3.09	5.41	5.19	3.38	3.32	1.94	1.56	1.07
NEG CENTRAL___DRP 24199	40.98	35.78	33.69	29.87	28.03	28.83	27.31	27.83	31.18	33.31	34.98	41.32	49.06	48.79	48.57	49.37	56.20	71.96	84.88	80.62	69.83	59.49	50.10	44.80
	-0.56	-0.50	-0.34	-0.36	-0.22	-0.26	-0.27	-0.38	-0.31	-0.27	-0.42	-0.54	-0.58	-0.64	-0.65	-0.67	-0.60	-0.48	0.39	0.46	0.47	0.29	-0.10	-0.13
	-1.40	-0.67	-0.30	-0.46	-0.60	-0.33	-0.38	-1.09	-0.01	0.00	-0.03	-3.16	-4.85	-3.59	-2.69	-1.83	-2.35	-4.51	-7.07	-2.82	-1.60	-1.02	-0.47	-0.43
NEG CENTRAL___INDECK 23768	42.48	35.97	32.70	29.02	27.45	28.12	26.62	28.99	29.99	31.67	33.48	50.80	63.68	58.64	54.82	52.48	60.92	83.05	104.60	85.27	71.36	58.11	47.51	42.87
	-1.77	-1.64	-1.35	-1.25	-0.86	-1.01	-1.01	-1.33	-1.54	-1.91	-2.05	-2.59	-3.00	-2.93	-3.02	-2.89	-2.61	-2.72	-1.86	-0.77	-0.20	-0.29	-0.85	-0.76
	-4.10	-2.00	-0.33	-0.51	-0.66	-0.36	-0.43	-3.20	-0.04	0.00	-0.16	-14.70	-21.89	-15.73	-11.31	-7.16	-9.09	-17.84	-29.03	-8.71	-3.81	-0.23	1.38	0.88
NEG CENTRAL___SENECA 23627	41.60	36.08	33.80	29.97	28.20	28.94	27.42	28.28	31.25	33.38	35.04	43.35	51.94	50.90	50.09	50.24	57.27	74.29	89.16	82.22	70.62	59.72	50.01	44.81
	-0.48	-0.46	-0.27	-0.33	-0.14	-0.20	-0.22	-0.35	-0.25	-0.20	-0.39	-0.39	-0.40	-0.41	-0.42	-0.53	-0.44	0.00	1.32	1.31	1.15	0.81	0.25	0.18
	-1.94	-0.93	-0.34	-0.54	-0.70	-0.38	-0.44	-1.52	-0.01	0.00	-0.06	-5.04	-7.56	-5.47	-3.98	-2.56	-3.27	-6.37	-10.42	-3.57	-1.71	-0.73	-0.02	-0.12
NEG CENTRAL___STATE_STREET 24147	40.44	35.51	33.66	29.83	27.95	28.78	27.24	27.43	31.18	33.31	34.96	39.05	45.58	46.21	46.60	48.03	54.54	68.48	79.45	78.45	68.40	58.86	49.89	44.60
	-0.56	-0.50	-0.34	-0.36	-0.25	-0.29	-0.30	-0.35	-0.31	-0.27	-0.42	-0.66	-0.76	-0.78	-0.79	-0.77	-0.65	-0.88	-0.46	-0.15	-0.07	-0.12	-0.35	-0.36
	-0.86	-0.40	-0.27	-0.42	-0.55	-0.30	-0.34	-0.67	0.00	0.00	-0.01	-1.01	-1.55	-1.14	-0.86	-0.59	-0.75	-1.44	-2.49	-1.27	-0.72	-0.81	-0.51	-0.45
NEG MILLWOOD___DRP 24198	48.22	40.52	38.11	35.10	33.84	33.11	31.79	32.96	33.88	36.10	38.31	42.22	49.09	50.34	51.28	52.89	59.61	74.17	84.00	83.37	72.36	61.77	52.96	47.58
	3.17	2.63	2.26	2.02	1.88	2.01	1.96	2.01	2.39	2.52	2.94	3.52	4.30	4.49	4.75	4.68	5.17	6.25	6.58	6.03	4.61	3.61	3.23	3.07
	-4.91	-2.28	-2.12	-3.32	-4.32	-2.33	-2.63	-3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00
NEG NORTH_FLCN_SEA 23793	39.74	35.29	33.36	29.52	27.37	28.54	26.96	26.90	31.24	33.41	35.20	38.62	44.70	45.75	46.44	48.31	54.50	68.40	78.27	78.42	68.77	58.93	50.43	44.95
	-0.40	-0.32	-0.37	-0.24	-0.28	-0.23	-0.24	-0.22	-0.25	-0.17	-0.18	-0.08	-0.09	-0.09	-0.09	0.10	0.05	0.48	0.85	1.08	1.02	0.76	0.70	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG NORTH_KES_CHATEGAY 23792	39.38	34.96	33.05	29.26	27.12	28.28	26.71	26.66	30.92	33.01	34.77	38.16	44.21	45.25	45.93	47.78	53.90	67.72	77.50	77.65	68.16	58.40	49.98	44.55
	-0.76	-0.64	-0.67	-0.51	-0.53	-0.49	-0.49	-0.46	-0.57	-0.57	-0.60	-0.54	-0.58	-0.60	-0.60	-0.43	-0.54	-0.20	0.08	0.31	0.41	0.23	0.25	0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG NORTH___ALICE_FALLS 23915	39.78	35.36	33.39	29.58	27.39	28.57	26.98	26.95	31.30	33.48	35.23	38.66	44.70	45.75	46.44	48.36	54.55	68.53	78.43	78.65	68.97	59.16	50.53	45.09
	-0.36	-0.25	-0.34	-0.18	-0.25	-0.20	-0.22	-0.16	-0.19	-0.10	-0.14	-0.04	-0.09	-0.09	-0.09	0.14	0.11	0.61	1.01	1.31	1.22	0.99	0.80	0.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG NORTH___LWR_SARANAC 23913	39.78	35.36	33.39	29.58	27.39	28.57	26.98	26.95	31.30	33.48	35.23	38.66	44.70	45.75	46.44	48.36	54.55	68.53	78.43	78.65	68.97	59.16	50.53	45.09
	-0.36	-0.25	-0.34	-0.18	-0.25	-0.20	-0.22	-0.16	-0.19	-0.10	-0.14	-0.04	-0.09	-0.09	-0.09	0.14	0.11	0.61	1.01	1.31	1.22	0.99	0.80	0.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG NORTH___PLATTSBURG 23628	39.78	35.36	33.39	29.58	27.39	28.57	26.98	26.96	31.30	33.45	35.23	38.54	44.70	45.75	46.44	48.36	54.55	68.53	78.43	78.65	68.98	59.16	50.53	45.09
	-0.36	-0.25	-0.34	-0.18	-0.25	-0.20	-0.22	-0.16	-0.19	-0.13	-0.14	-0.15	-0.09	-0.09	-0.09	0.15	0.11	0.61	1.00	1.31	1.22	0.99	0.79	0.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG WEST_LEA_LOCKPORT 23791	34.72	30.81	29.79	26.28	24.90	25.53	24.31	23.63	27.79	30.09	31.12	30.12	32.61	34.76	36.03	38.74	43.45	50.95	58.15	64.23	55.38	49.26	42.00	38.66
	-5.26	-4.70	-4.18	-3.87	-3.23	-3.51	-3.26	-3.36	-3.68	-3.49	-4.21	-4.41	-4.97	-5.18	-5.44	-5.35	-5.55	-7.13	-7.59	-7.35	-7.45	-6.34	-5.92	-4.76
	0.16	0.09	-0.25	-0.38	-0.50	-0.27	-0.37	0.12	0.01	0.00	0.04	4.17	7.21	5.90	5.06	4.12	5.44	9.84	11.69	5.75	4.92	2.57	1.82	1.09
NEG WEST___LANCASTR 23811	34.66	30.68	29.37	26.23	24.45	25.23	23.91	23.33	28.01	30.19	31.83	32.39	35.31	37.70	39.13	39.68	42.53	53.42	63.99	63.58	55.21	48.72	41.59	37.97
	-5.42	-4.88	-4.65	-3.99	-3.79	-3.85	-3.73	-3.74	-3.46	-3.39	-3.50	-2.13	-2.33	-2.34	-2.47	-4.53	-6.64	-4.96	-2.48	-8.20	-7.86	-7.04	-6.47	-5.56
	0.06	0.05	-0.29	-0.46	-0.59	-0.32	-0.43	0.05	0.01	0.00	0.04	4.18	7.15	5.81	4.93	4.00	5.27	9.54	10.95	5.56	4.69	2.41	1.68	0.98

NEG_PENN_ALLEGHNY 23528	41.39 -0.48 -1.72	35.95 -0.46 -0.81	34.03 -0.37 -0.68	30.46 -0.36 -1.06	28.74 -0.28 -1.37	29.22 -0.29 -0.74	27.78 -0.27 -0.85	28.16 -0.30 -1.34	31.27 -0.22 0.00	33.71 0.13 0.00	35.38 0.00 -0.01	39.45 0.08 -0.67	45.74 0.09 -0.86	46.45 0.09 -0.52	46.88 0.09 -0.26	48.19 -0.05 -0.03	54.40 -0.05 -0.01	67.92 -0.14 -0.14	78.90 0.47 -1.01	77.67 0.15 -0.18	67.59 0.07 0.24	58.15 0.00 0.02	49.40 -0.20 0.14	44.40 -0.09 0.02
NEG___GEN_MONROE 24207	37.76 -2.77 -0.38	33.29 -2.49 -0.17	31.89 -2.09 -0.25	28.19 -1.96 -0.39	26.60 -1.55 -0.50	27.31 -1.73 -0.27	25.90 -1.60 -0.31	25.65 -1.76 -0.30	29.53 -1.95 0.00	31.77 -1.81 0.00	33.06 -2.30 0.01	34.46 -2.86 1.38	38.49 -3.31 2.98	39.64 -3.39 2.81	40.23 -3.54 2.77	42.34 -3.28 2.59	47.92 -3.05 3.48	57.54 -4.28 6.10	67.06 -4.41 5.95	69.98 -3.56 3.80	60.93 -3.12 3.71	53.39 -2.62 2.16	45.32 -2.69 1.72	41.17 -2.18 1.16
NEPA___ENERGY 23901	35.46 -4.54 0.15	31.46 -4.06 0.09	30.35 -3.68 -0.30	26.92 -3.30 -0.46	25.36 -2.87 -0.59	26.04 -3.05 -0.32	24.84 -2.80 -0.44	24.21 -2.79 0.11	28.58 -2.90 0.01	30.76 -2.82 0.00	32.18 -3.15 0.05	31.24 -2.86 4.59	33.79 -3.22 7.78	36.32 -3.25 6.27	37.90 -3.35 5.28	39.82 -4.15 4.24	43.97 -4.90 5.57	52.97 -4.82 10.13	61.42 -3.95 12.06	65.43 -6.03 5.87	57.00 -5.89 4.86	50.47 -5.24 2.47	42.98 -5.07 1.68	39.35 -4.18 0.98
NEVERSINK___HYD 23608	46.93 2.41 -4.38	39.63 1.99 -2.04	37.34 1.72 -1.89	34.21 1.49 -2.96	32.87 1.38 -3.85	32.34 1.49 -2.08	31.02 1.47 -2.35	32.05 1.52 -3.42	33.31 2.01 0.00	35.59 2.23 0.00	37.60 2.71 0.00	41.41 3.27 0.00	48.06 3.39 0.00	49.24 3.53 0.00	50.07 3.53 0.00	51.78 3.57 0.00	58.41 3.97 0.00	72.74 4.82 0.00	82.76 5.34 0.00	82.29 4.95 0.00	71.61 3.86 0.01	61.13 2.97 0.01	52.26 2.54 0.01	46.91 2.40 0.00
NEWKRMKL_115KV_TB1 55635	47.37 1.20 -6.02	39.51 1.10 -2.80	37.48 1.15 -2.61	34.82 0.98 -4.07	33.91 0.97 -5.30	32.60 0.98 -2.86	31.33 0.90 -3.23	32.69 0.87 -4.70	32.31 0.82 0.00	34.28 0.71 0.00	36.22 0.85 0.00	39.71 1.01 0.00	45.91 1.12 0.00	47.04 1.19 0.00	47.79 1.26 0.00	49.32 1.11 0.00	55.69 1.25 0.00	69.14 1.22 0.00	78.58 1.16 0.00	78.19 0.85 0.00	68.57 0.81 0.00	58.93 0.76 0.00	50.38 0.65 0.00	45.35 0.85 0.00
NEWTON___FALLS_HYD 23847	39.66 -0.60 -0.12	35.20 -0.46 -0.06	33.38 -0.40 -0.05	29.58 -0.27 -0.08	27.50 -0.25 -0.11	28.68 -0.14 -0.06	27.08 -0.19 -0.06	26.97 -0.24 -0.09	31.14 -0.35 0.00	33.24 -0.34 0.00	34.77 -0.60 0.00	38.16 -0.54 0.00	43.94 -0.85 0.00	44.88 -0.96 0.00	45.46 -1.07 0.00	47.20 -1.01 0.00	53.41 -1.03 0.00	67.17 -0.75 0.00	77.46 -0.08 -0.11	78.28 0.77 -0.18	68.80 0.95 -0.10	59.16 0.76 -0.23	50.55 0.65 -0.17	45.10 0.45 -0.15
NGRID_A1_DSASP 323792	34.84 -5.14 0.16	30.67 -4.84 0.09	29.78 -4.18 -0.24	26.23 -3.90 -0.37	24.88 -3.23 -0.47	25.49 -3.54 -0.26	24.10 -3.48 -0.38	23.38 -3.61 0.13	27.43 -4.03 0.03	29.73 -3.83 0.02	30.70 -4.63 0.04	29.64 -4.91 4.14	32.11 -5.51 7.17	34.42 -5.55 5.88	35.71 -5.77 5.05	38.28 -5.79 4.15	42.99 -5.99 5.46	50.15 -7.88 9.89	56.32 -9.37 11.74	63.26 -8.27 5.80	54.29 -8.47 5.00	48.27 -7.27 2.63	41.29 -6.56 1.88	38.35 -5.07 1.09
NGRID_A2_DSASP 323793	34.84 -5.14 0.16	30.67 -4.84 0.09	29.78 -4.18 -0.24	26.23 -3.90 -0.37	24.88 -3.23 -0.47	25.49 -3.54 -0.26	24.10 -3.48 -0.38	23.38 -3.61 0.13	27.43 -4.03 0.03	29.73 -3.83 0.02	30.70 -4.63 0.04	29.64 -4.91 4.14	32.11 -5.51 7.17	34.42 -5.55 5.88	35.71 -5.77 5.05	38.28 -5.79 4.15	42.99 -5.99 5.46	50.15 -7.88 9.89	56.32 -9.37 11.74	63.26 -8.27 5.80	54.29 -8.47 5.00	48.27 -7.27 2.63	41.29 -6.56 1.88	38.35 -5.07 1.09
NGRID_A4_DSASP 323807	34.84 -5.14 0.16	30.67 -4.84 0.09	29.78 -4.18 -0.24	26.23 -3.90 -0.37	24.88 -3.23 -0.47	25.49 -3.54 -0.26	24.10 -3.48 -0.38	23.38 -3.61 0.13	27.43 -4.03 0.03	29.73 -3.83 0.02	30.70 -4.63 0.04	29.64 -4.91 4.14	32.11 -5.51 7.17	34.42 -5.55 5.88	35.71 -5.77 5.05	38.28 -5.79 4.15	42.99 -5.99 5.46	50.15 -7.88 9.89	56.32 -9.37 11.74	63.26 -8.27 5.80	54.29 -8.47 5.00	48.27 -7.27 2.63	41.29 -6.56 1.88	38.35 -5.07 1.09
NIAGARA_115E_LBMP 323715	34.05 -5.94 0.15	30.21 -5.31 0.09	29.25 -4.72 -0.24	25.77 -4.37 -0.38	24.46 -3.68 -0.49	25.01 -4.03 -0.27	23.85 -3.73 -0.38	23.20 -3.80 0.12	27.29 -4.19 0.01	28.91 -4.67 0.00	30.55 -4.78 0.04	29.80 -4.76 4.14	32.16 -5.47 7.17	34.29 -5.69 5.87	35.45 -6.05 5.03	38.43 -5.69 4.09	43.08 -5.93 5.43	50.97 -7.13 9.82	56.94 -8.75 11.74	63.17 -8.43 5.74	54.08 -8.74 4.94	48.03 -7.56 2.58	41.14 -6.76 1.83	37.91 -5.52 1.08
NIAGARA_115W_LBMP 323714	34.84 -5.14 0.16	30.64 -4.88 0.09	29.75 -4.22 -0.24	26.20 -3.93 -0.36	24.85 -3.26 -0.47	25.43 -3.60 -0.26	24.04 -3.54 -0.38	23.33 -3.66 0.13	27.37 -4.09 0.03	28.89 -4.67 0.02	30.66 -4.67 0.04	29.60 -4.95 4.14	31.98 -5.64 7.17	34.42 -5.55 5.88	35.71 -5.77 5.05	38.24 -5.84 4.14	42.95 -6.04 5.45	50.70 -7.34 9.88	56.16 -9.53 11.74	63.27 -8.27 5.79	54.22 -8.54 5.00	48.15 -7.39 2.63	41.34 -6.51 1.88	38.26 -5.16 1.09
NIAGARA_230_LBMP 323716	34.83 -5.18 0.14	30.90 -4.63 0.08	29.87 -4.08 -0.23	26.33 -3.78 -0.35	24.94 -3.15 -0.45	25.56 -3.45 -0.25	24.39 -3.18 -0.37	23.73 -3.28 0.11	27.89 -3.59 0.01	29.52 -4.06 0.00	31.23 -4.10 0.04	29.85 -4.72 4.12	32.22 -5.42 7.15	34.54 -5.46 5.85	35.84 -5.68 5.01	38.40 -5.74 4.07	43.09 -5.99 5.36	50.86 -7.27 9.80	57.27 -8.44 11.72	63.35 -8.27 5.72	55.25 -7.52 4.98	49.06 -6.46 2.65	42.00 -5.82 1.92	38.64 -4.76 1.10
NIAGARA___115KV_198_GIBSON 55903	34.84 -5.14 0.16	30.64 -4.88 0.09	29.75 -4.22 -0.24	26.20 -3.93 -0.36	24.85 -3.26 -0.47	25.46 -3.57 -0.26	24.04 -3.54 -0.38	23.33 -3.66 0.12	27.37 -4.09 0.03	29.66 -3.90 0.02	30.63 -4.70 0.04	29.64 -4.91 4.14	32.07 -5.55 7.17	34.42 -5.55 5.88	35.72 -5.77 5.05	38.24 -5.83 4.14	43.00 -5.99 5.45	50.16 -7.88 9.88	56.16 -9.52 11.74	63.19 -8.35 5.79	54.15 -8.60 5.00	48.15 -7.39 2.63	41.19 -6.66 1.88	38.26 -5.16 1.09
NIAGARA____ 23760	34.82 -5.18 0.15	30.89 -4.63 0.09	29.89 -4.08 -0.24	26.36 -3.78 -0.38	24.98 -3.15 -0.49	25.58 -3.45 -0.27	24.40 -3.18 -0.38	23.71 -3.28 0.12	27.88 -3.59 0.02	29.51 -4.06 0.01	31.23 -4.10 0.04	29.85 -4.72 4.12	32.22 -5.42 7.15	34.53 -5.46 5.86	35.83 -5.68 5.02	38.40 -5.74 4.07	43.09 -5.99 5.36	50.85 -7.27 9.80	57.26 -8.44 11.72	63.34 -8.27 5.72	55.26 -7.52 4.97	49.10 -6.46 2.62	42.06 -5.82 1.85	38.66 -4.76 1.08
NINE_MILE_1 23575	38.96 -1.48 -0.30	34.53 -1.21 -0.14	32.81 -1.05 -0.13	29.01 -0.95 -0.20	27.08 -0.83 -0.26	28.02 -0.89 -0.14	26.52 -0.84 -0.16	26.48 -0.87 -0.23	30.51 -0.98 0.00	32.50 -1.08 0.00	34.17 -1.20 0.00	34.00 -1.55 3.15	32.20 -1.84 10.75	31.92 -1.84 12.09	31.03 -1.91 13.60	32.22 -1.88 14.11	33.27 -2.07 19.10	32.56 -2.58 32.78	44.96 -3.02 29.44	49.89 -2.78 24.67	40.76 -2.44 24.56	37.73 -2.09 18.35	32.86 -1.84 15.03	32.11 -1.65 10.76

NINE_MILE_2 23744	38.96 -1.48 -0.30	34.53 -1.21 -0.14	32.81 -1.05 -0.13	29.01 -0.95 -0.20	27.08 -0.83 -0.26	28.02 -0.89 -0.14	26.52 -0.84 -0.16	26.48 -0.87 -0.23	30.54 -0.94 0.00	32.50 -1.08 0.00	34.17 -1.20 0.00	33.96 -1.55 3.19	32.06 -1.84 10.89	31.76 -1.84 12.25	30.85 -1.91 13.77	32.03 -1.88 14.30	33.03 -2.07 19.35	32.14 -2.58 33.20	44.58 -3.02 29.83	49.56 -2.78 24.99	40.44 -2.44 24.88	37.48 -2.09 18.60	32.66 -1.84 15.24	31.96 -1.65 10.90
NM_CAPITAL___DRP 24208	47.34 1.20 -5.99	39.49 1.10 -2.78	37.47 1.15 -2.59	34.79 0.98 -4.05	33.85 0.94 -5.27	32.56 0.95 -2.84	31.31 0.90 -3.21	32.66 0.87 -4.68	32.34 0.85 0.00	34.28 0.71 0.00	36.22 0.85 0.00	39.71 1.01 0.00	45.91 1.12 0.00	47.04 1.19 0.00	47.79 1.26 0.00	49.32 1.11 0.00	55.69 1.25 0.00	69.07 1.15 0.00	78.51 1.08 0.00	78.03 0.70 0.00	68.50 0.75 0.00	58.87 0.70 0.00	50.28 0.55 0.00	45.31 0.80 0.00
NM_CENTRAL___DRP 24181	39.73 -0.84 -0.43	35.09 -0.71 -0.20	33.34 -0.57 -0.19	29.52 -0.54 -0.29	27.61 -0.41 -0.38	28.48 -0.49 -0.20	26.97 -0.46 -0.23	26.97 -0.49 -0.34	31.02 -0.47 0.00	33.14 -0.44 0.00	34.74 -0.64 0.00	37.64 -0.89 0.17	43.17 -1.03 0.59	44.12 -1.05 0.67	44.71 -1.07 0.75	46.37 -1.06 0.78	52.30 -1.09 1.05	64.62 -1.49 1.81	74.58 -1.55 1.29	75.17 -1.31 0.85	65.53 -1.15 1.07	56.84 -0.99 0.34	48.41 -0.99 0.33	43.46 -0.89 0.16
NM_FRONTIER___DRP 24179	34.84 -5.14 0.16	30.64 -4.88 0.09	29.75 -4.22 -0.24	26.20 -3.93 -0.36	24.85 -3.26 -0.47	25.46 -3.57 -0.26	24.04 -3.54 -0.38	23.33 -3.66 0.12	27.37 -4.09 0.03	29.66 -3.90 0.02	30.63 -4.70 0.04	29.64 -4.91 4.14	32.07 -5.55 7.17	34.42 -5.55 5.88	35.72 -5.77 5.05	38.24 -5.83 4.14	43.00 -5.99 5.45	50.16 -7.88 9.88	56.16 -9.52 11.74	63.19 -8.35 5.79	54.15 -8.60 5.00	48.15 -7.39 2.63	41.19 -6.66 1.88	38.26 -5.16 1.09
NM_ST_REGIS___HYD 24053	39.66 -0.48 0.00	35.25 -0.36 0.00	33.32 -0.40 0.00	29.49 -0.27 0.00	27.31 -0.33 0.00	28.51 -0.26 0.00	26.93 -0.27 0.00	26.85 -0.27 0.00	31.11 -0.38 0.00	33.24 -0.34 0.00	34.91 -0.46 0.00	38.35 -0.35 0.00	44.25 -0.54 0.00	45.20 -0.64 0.00	45.83 -0.70 0.00	47.68 -0.53 0.00	53.73 -0.71 0.00	67.58 -0.34 0.00	77.50 0.08 0.00	77.95 0.62 0.00	68.43 0.68 0.00	58.70 0.52 0.00	50.23 0.50 0.00	44.78 0.27 0.00
NORTHPORT___1 23551	48.46 3.45 -4.86	40.89 3.02 -2.26	38.36 2.53 -2.10	35.43 2.38 -3.29	33.99 2.07 -4.28	33.37 2.30 -2.31	31.96 2.15 -2.61	33.17 2.25 -3.80	34.67 3.18 0.00	44.17 3.43 -7.16	44.87 3.50 -6.00	48.67 4.06 -5.91	49.89 4.70 -0.40	51.48 4.68 -0.96	52.53 4.79 -1.20	57.13 4.73 -4.19	62.57 5.34 -2.79	80.30 5.91 -6.47	91.62 4.72 -9.48	89.22 3.94 -7.94	70.25 2.51 0.01	59.73 1.57 0.01	51.46 1.74 0.01	47.49 2.98 0.00
NORTHPORT___2 23552	48.46 3.45 -4.86	40.89 3.02 -2.26	38.36 2.53 -2.10	35.43 2.38 -3.29	33.99 2.07 -4.28	33.37 2.30 -2.31	31.96 2.15 -2.61	33.17 2.25 -3.80	34.67 3.18 0.00	44.17 3.43 -7.16	44.87 3.50 -6.00	48.67 4.06 -5.91	49.89 4.70 -0.40	51.48 4.68 -0.96	52.53 4.79 -1.20	52.33 4.73 0.61	52.90 5.34 6.88	54.05 5.91 19.77	52.96 4.72 29.18	56.83 3.94 24.45	70.25 2.51 0.01	59.73 1.57 0.01	51.46 1.74 0.01	47.49 2.98 0.00
NORTHPORT___3 23553	48.38 3.37 -4.86	40.82 2.95 -2.26	38.33 2.50 -2.10	35.40 2.35 -3.29	33.94 2.02 -4.28	33.32 2.25 -2.31	31.90 2.09 -2.61	33.14 2.22 -3.80	34.61 3.12 0.00	44.13 3.39 -7.16	44.84 3.47 -6.00	48.63 4.02 -5.91	49.80 4.61 -0.40	51.38 4.58 -0.95	52.39 4.65 -1.21	53.59 4.58 -0.80	55.34 5.17 4.27	61.86 5.77 11.83	64.43 4.49 17.48	66.48 3.79 14.64	70.05 2.30 0.01	59.61 1.45 0.01	51.36 1.64 0.01	47.49 2.98 0.00
NORTHPORT___4 23650	48.38 3.37 -4.86	40.82 2.95 -2.26	38.33 2.50 -2.10	35.40 2.35 -3.29	33.94 2.02 -4.28	33.32 2.25 -2.31	31.90 2.09 -2.61	33.14 2.22 -3.80	34.61 3.12 0.00	44.13 3.39 -7.16	44.84 3.47 -6.00	48.63 4.02 -5.91	49.80 4.61 -0.40	51.38 4.58 -0.95	52.39 4.65 -1.21	53.59 4.58 -0.80	55.34 5.17 4.27	61.86 5.77 11.83	64.43 4.49 17.48	66.48 3.79 14.64	70.05 2.30 0.01	59.61 1.45 0.01	51.36 1.64 0.01	47.49 2.98 0.00
NORTHPORT___IC 23718	48.46 3.45 -4.86	40.89 3.03 -2.26	38.36 2.53 -2.10	35.43 2.38 -3.29	33.99 2.07 -4.28	33.37 2.30 -2.31	31.85 2.04 -2.61	33.28 2.36 -3.80	34.64 3.15 0.00	44.04 3.29 -7.16	44.87 3.50 -6.00	48.59 3.99 -5.91	49.84 4.66 -0.40	51.52 4.72 -0.96	52.53 4.79 -1.20	52.33 4.72 0.61	52.90 5.34 6.88	54.33 6.18 19.77	53.04 4.80 29.18	56.91 4.02 24.45	70.38 2.64 0.01	59.73 1.57 0.01	51.56 1.84 0.01	47.49 2.98 0.00
NORTH___COUNTRY_ESR 323785	39.30 -0.84 0.00	34.89 -0.71 0.00	33.02 -0.71 0.00	29.23 -0.53 0.00	27.06 -0.58 0.00	28.22 -0.55 0.00	26.68 -0.52 0.00	26.63 -0.49 0.00	30.89 -0.60 0.00	32.98 -0.60 0.00	34.80 -0.57 0.00	38.12 -0.58 0.00	44.25 -0.54 0.00	45.30 -0.55 0.00	45.98 -0.56 0.00	47.82 -0.39 0.00	53.95 -0.49 0.00	67.72 -0.20 0.00	77.35 -0.08 0.00	77.49 0.15 0.00	67.96 0.20 0.00	58.29 0.12 0.00	49.83 0.10 0.00	44.46 -0.04 0.00
NPX_GEN_1385_PROXY 323591	48.70 3.69 -4.86	41.11 3.24 -2.26	38.60 2.77 -2.10	35.88 2.83 -3.29	34.16 2.24 -4.28	33.57 2.50 -2.31	32.12 2.31 -2.61	33.19 2.28 -3.80	34.89 3.40 0.00	43.90 3.16 -7.16	44.55 3.18 -6.00	48.28 3.68 -5.91	49.58 4.39 -0.40	51.20 4.40 -0.96	52.20 4.47 -1.20	55.66 4.43 -3.02	60.25 5.39 -0.42	73.46 5.50 -0.04	81.68 4.26 0.00	80.20 2.86 0.00	69.84 2.10 0.01	59.32 1.16 0.01	51.11 1.39 0.01	47.00 2.49 0.00
NPX_GEN_CSC 323557	49.06 4.05 -4.86	41.50 3.63 -2.26	38.97 3.14 -2.10	35.97 2.92 -3.29	34.49 2.57 -4.28	33.92 2.85 -2.31	32.45 2.64 -2.61	33.71 2.79 -3.80	35.40 3.90 -0.01	44.88 4.13 -7.17	45.26 3.89 -6.00	48.90 4.30 -5.91	50.29 5.10 -0.40	52.36 5.54 -0.97	53.58 5.82 -1.23	59.20 5.73 -5.25	70.87 6.37 -10.06	81.63 6.93 -6.78	93.46 6.11 -9.92	91.06 5.41 -8.31	71.41 3.66 0.00	60.43 2.27 0.01	52.30 2.58 0.01	48.25 3.74 0.00
NSINS_S_GLNS_FALLS 23858	49.31 2.97 -6.19	41.08 2.60 -2.88	38.77 2.36 -2.68	35.94 1.99 -4.18	35.05 1.96 -5.45	33.69 1.98 -2.94	32.31 1.80 -3.31	33.66 1.71 -4.83	33.35 1.86 0.00	35.43 1.85 0.00	37.11 1.73 0.00	40.63 1.93 0.00	46.94 2.15 0.00	47.91 2.06 0.00	48.72 2.19 0.00	50.53 2.31 0.00	57.60 3.16 0.00	71.93 4.01 0.00	82.46 5.03 0.00	82.13 4.79 0.00	72.23 4.47 0.00	62.01 3.84 0.00	52.82 3.08 0.00	47.36 2.85 0.00
NUCOR_STEEL___DRP 24197	40.26 -0.48 -0.60	35.49 -0.39 -0.28	33.75 -0.24 -0.26	29.90 -0.27 -0.40	28.00 -0.17 -0.52	28.82 -0.23 -0.28	27.30 -0.22 -0.32	27.28 -0.30 -0.47	31.24 -0.25 0.00	33.38 -0.20 0.00	34.98 -0.39 0.00	38.08 -0.62 0.00	44.07 -0.72 0.00	45.06 -0.78 0.00	45.74 -0.79 0.00	47.44 -0.77 0.00	53.73 -0.71 0.00	66.97 -0.95 0.00	77.07 -0.70 -0.35	77.57 -0.31 -0.54	67.85 -0.20 -0.30	58.65 -0.23 -0.71	49.87 -0.40 -0.53	44.61 -0.36 -0.46

NUMBER_THREE_WT_PWR 323818	39.63 -0.68 -0.17	35.11 -0.57 -0.08	33.40 -0.40 -0.07	29.64 -0.24 -0.11	27.71 -0.08 -0.15	28.88 0.03 -0.08	27.27 -0.03 -0.09	27.19 -0.05 -0.13	31.36 -0.13 0.00	33.41 -0.17 0.00	34.88 -0.50 0.00	38.19 -0.50 0.00	44.03 -0.76 0.00	44.93 -0.92 0.00	45.60 -0.93 0.00	47.34 -0.87 0.00	53.79 -0.65 0.00	67.58 -0.34 0.00	78.11 0.55 -0.14	79.18 1.63 -0.22	69.57 1.69 -0.12	59.85 1.39 -0.28	51.09 1.14 -0.21	45.63 0.94 -0.18
NYISO_LBMP_REFERENCE 24008	40.15 0.00 0.00	35.61 0.00 0.00	33.73 0.00 0.00	29.76 0.00 0.00	27.64 0.00 0.00	28.77 0.00 0.00	27.20 0.00 0.00	27.12 0.00 0.00	31.49 0.00 0.00	33.58 0.00 0.00	35.37 0.00 0.00	38.70 0.00 0.00	44.79 0.00 0.00	45.84 0.00 0.00	46.53 0.00 0.00	48.21 0.00 0.00	54.44 0.00 0.00	67.92 0.00 0.00	77.42 0.00 0.00	77.34 0.00 0.00	67.76 0.00 0.00	58.17 0.00 0.00	49.73 0.00 0.00	44.51 0.00 0.00
NYPA_BRENTWD____GT 24164	48.98 3.98 -4.86	41.39 3.53 -2.26	38.83 3.00 -2.10	35.84 2.80 -3.29	34.35 2.43 -4.28	33.78 2.70 -2.31	32.31 2.50 -2.61	33.55 2.63 -3.80	35.14 3.65 0.00	44.71 3.96 -7.17	45.40 4.03 -6.00	49.29 4.68 -5.91	50.69 5.51 -0.40	52.49 5.68 -0.96	53.59 5.82 -1.25	57.92 5.78 -3.93	64.09 6.37 -3.28	79.19 7.34 -3.93	89.51 6.35 -5.73	87.78 5.64 -4.80	71.60 3.86 0.01	61.01 2.85 0.01	52.35 2.63 0.01	48.16 3.65 0.00
NYPA_GOWANUS____GT5 24156	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.19 4.01 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
NYPA_GOWANUS____GT6 24157	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.38 2.90 0.00	36.89 3.29 -0.02	39.00 3.61 -0.02	42.81 4.02 -0.08	49.88 5.06 -0.03	54.14 5.04 -3.25	57.29 5.26 -5.50	62.25 5.11 -8.93	65.65 5.66 -5.55	76.64 6.52 -2.20	84.47 7.04 0.00	83.85 6.50 -0.01	72.76 5.01 0.01	62.19 4.01 0.00	53.48 3.73 -0.02	48.22 3.69 -0.02
NYPA_HARLEM__RVR__GT1 24160	48.43 3.41 -4.87	40.69 2.81 -2.27	38.27 2.43 -2.11	35.20 2.14 -3.29	33.92 1.99 -4.28	33.27 2.19 -2.31	31.96 2.15 -2.61	33.17 2.25 -3.81	34.09 2.61 0.01	36.54 2.96 -0.01	38.60 3.22 -0.01	42.57 3.79 -0.08	49.51 4.70 -0.02	53.94 4.86 -3.24	56.82 4.98 -5.31	52.61 4.87 0.47	60.47 5.39 -0.64	73.96 6.18 0.14	83.53 6.11 0.01	82.98 5.64 -0.01	71.94 4.20 0.01	61.58 3.43 0.02	52.97 3.23 0.00	47.86 3.34 -0.01
NYPA_HARLEM__RVR__GT2 24161	48.43 3.41 -4.87	40.69 2.81 -2.27	38.27 2.43 -2.11	35.20 2.14 -3.29	33.92 1.99 -4.28	33.27 2.19 -2.31	31.96 2.15 -2.61	33.17 2.25 -3.81	34.09 2.61 0.01	36.54 2.96 -0.01	38.60 3.22 -0.01	42.57 3.79 -0.08	49.51 4.70 -0.02	53.94 4.86 -3.24	56.82 4.98 -5.31	52.61 4.87 0.47	60.47 5.39 -0.64	73.96 6.18 0.14	83.53 6.11 0.01	82.98 5.64 -0.01	71.94 4.20 0.01	61.58 3.43 0.02	52.97 3.23 0.00	47.86 3.34 -0.01
NYPA_KENT____GT 24152	48.63 3.61 -4.87	40.87 2.99 -2.27	38.47 2.63 -2.11	35.38 2.32 -3.29	34.11 2.18 -4.29	33.44 2.36 -2.31	32.10 2.29 -2.61	33.37 2.44 -3.81	34.32 2.84 0.00	36.83 3.22 -0.02	38.89 3.50 -0.02	42.77 3.99 -0.08	49.75 4.93 -0.03	54.09 5.00 -3.25	57.24 5.21 -5.50	62.21 5.06 -8.93	65.60 5.61 -5.55	76.58 6.46 -2.20	84.24 6.81 0.00	83.69 6.34 -0.01	72.63 4.88 0.01	62.01 3.84 0.00	53.38 3.63 -0.01	48.13 3.60 -0.01
NYPA_POUCH1____GT 24155	48.67 3.65 -4.87	40.94 3.06 -2.27	38.50 2.66 -2.11	35.44 2.38 -3.29	34.17 2.24 -4.28	33.50 2.42 -2.31	32.16 2.34 -2.61	33.42 2.49 -3.81	34.35 2.87 0.00	36.86 3.26 -0.02	38.93 3.54 -0.02	42.61 3.83 -0.08	49.75 4.93 -0.03	53.61 4.86 -2.91	56.52 5.07 -4.91	61.11 4.92 -7.97	64.84 5.44 -4.95	76.07 6.18 -1.97	84.24 6.81 0.00	83.61 6.26 -0.01	72.63 4.88 0.01	62.19 4.01 0.00	53.38 3.63 -0.02	48.13 3.60 -0.02
NYPA_VERNON____GT2 24162	48.55 3.53 -4.87	40.80 2.92 -2.27	38.37 2.53 -2.11	35.29 2.23 -3.29	34.06 2.13 -4.29	33.35 2.27 -2.31	32.02 2.20 -2.61	33.28 2.36 -3.81	34.26 2.77 0.00	36.72 3.12 -0.02	38.82 3.43 -0.02	42.77 3.99 -0.08	49.66 4.84 -0.03	54.05 4.95 -3.25	57.15 5.12 -5.50	62.16 5.01 -8.93	65.54 5.56 -5.55	76.50 6.38 -2.20	84.16 6.73 0.00	83.54 6.19 -0.01	72.49 4.74 0.01	61.89 3.73 0.00	53.22 3.48 -0.01	47.99 3.47 -0.01
NYPA_VERNON____GT3 24163	48.55 3.53 -4.87	40.80 2.92 -2.27	38.37 2.53 -2.11	35.29 2.23 -3.29	34.06 2.13 -4.29	33.35 2.27 -2.31	32.02 2.20 -2.61	33.28 2.36 -3.81	34.26 2.77 0.00	36.72 3.12 -0.02	38.82 3.43 -0.02	42.77 3.99 -0.08	49.66 4.84 -0.03	54.05 4.95 -3.25	57.15 5.12 -5.50	62.16 5.01 -8.93	65.54 5.56 -5.55	76.50 6.38 -2.20	84.16 6.73 0.00	83.54 6.19 -0.01	72.49 4.74 0.01	61.89 3.73 0.00	53.22 3.48 -0.01	47.99 3.47 -0.01
NYPA__ASTORIA_CC1 323568	48.47 3.45 -4.87	40.76 2.88 -2.27	38.34 2.50 -2.11	35.29 2.23 -3.29	34.03 2.10 -4.28	33.33 2.25 -2.31	32.02 2.20 -2.61	33.26 2.33 -3.81	34.23 2.74 0.00	36.69 3.09 -0.02	38.75 3.36 -0.02	42.69 3.91 -0.08	49.56 4.75 -0.03	53.95 4.86 -3.25	57.06 5.03 -5.50	62.06 4.92 -8.93	65.43 5.44 -5.55	76.37 6.24 -2.20	83.93 6.50 0.00	83.39 6.04 -0.01	72.36 4.61 0.01	61.77 3.61 0.01	53.13 3.38 -0.01	47.94 3.43 -0.01
NYPA__ASTORIA_CC2 323569	48.47 3.45 -4.87	40.76 2.88 -2.27	38.34 2.50 -2.11	35.29 2.23 -3.29	34.03 2.10 -4.28	33.33 2.25 -2.31	32.02 2.20 -2.61	33.26 2.33 -3.81	34.23 2.74 0.00	36.69 3.09 -0.02	38.75 3.36 -0.02	42.69 3.91 -0.08	49.56 4.75 -0.03	53.95 4.86 -3.25	57.06 5.03 -5.50	62.06 4.92 -8.93	65.43 5.44 -5.55	76.37 6.24 -2.20	83.93 6.50 0.00	83.39 6.04 -0.01	72.36 4.61 0.01	61.77 3.61 0.01	53.13 3.38 -0.01	47.94 3.43 -0.01
NYPA__HOLTSVILL 23794	48.78 3.77 -4.86	41.29 3.42 -2.26	38.76 2.93 -2.10	35.78 2.74 -3.29	34.30 2.38 -4.28	33.72 2.64 -2.31	32.26 2.45 -2.61	33.52 2.60 -3.80	35.12 3.62 -0.01	44.65 3.89 -7.17	45.23 3.86 -6.00	48.98 4.37 -5.91	50.38 5.19 -0.40	52.17 5.36 -0.97	53.25 5.49 -1.23	58.84 5.40 -5.23	70.41 6.04 -9.93	81.62 6.93 -6.77	93.30 5.96 -9.91	90.90 5.26 -8.30	71.34 3.59 0.00	60.54 2.39 0.01	52.11 2.39 0.01	47.94 3.43 0.00
NYPA__HELLGATE_GT1 24158	48.43 3.41 -4.87	40.69 2.81 -2.27	38.27 2.43 -2.11	35.20 2.14 -3.29	33.92 1.99 -4.28	33.27 2.19 -2.31	31.96 2.15 -2.61	33.17 2.25 -3.81	34.09 2.61 0.01	36.54 2.96 -0.01	38.60 3.22 -0.01	42.57 3.79 -0.08	49.51 4.70 -0.02	53.94 4.86 -3.24	56.82 4.98 -5.31	54.22 4.92 -1.09	59.49 5.39 0.34	74.35 6.18 -0.25	83.53 6.11 0.01	82.98 5.64 -0.01	71.94 4.20 0.01	61.60 3.43 0.01	52.97 3.23 0.00	47.86 3.34 -0.01

NYPA_____HELLGATE_GT2 24159	48.43	40.69	38.27	35.20	33.92	33.27	31.96	33.17	34.09	36.54	38.60	42.57	49.51	53.94	56.82	54.22	59.49	74.35	83.53	82.98	71.94	61.60	52.97	47.86
	3.41	2.81	2.43	2.14	1.99	2.19	2.15	2.25	2.61	2.96	3.22	3.79	4.70	4.86	4.98	4.92	5.39	6.18	6.11	5.64	4.20	3.43	3.23	3.34
	-4.87	-2.27	-2.11	-3.29	-4.28	-2.31	-2.61	-3.81	0.01	-0.01	-0.01	-0.08	-0.02	-3.24	-5.31	-1.09	0.34	-0.25	0.01	-0.01	0.01	0.01	0.00	-0.01
NYS_BARGE___HYD 23848	34.73	30.77	29.76	26.25	24.88	25.47	24.25	23.61	27.73	29.45	31.09	30.41	32.95	35.09	36.24	38.98	43.68	51.95	58.67	64.41	55.55	49.24	42.05	38.66
	-5.30	-4.77	-4.22	-3.90	-3.26	-3.57	-3.32	-3.42	-3.75	-4.13	-4.25	-4.37	-5.02	-5.13	-5.44	-5.25	-5.50	-6.45	-7.58	-7.35	-7.38	-6.40	-5.87	-4.76
	0.11	0.07	-0.25	-0.38	-0.50	-0.27	-0.37	0.09	0.01	0.00	0.04	3.92	6.83	5.62	4.85	3.98	5.26	9.51	11.16	5.58	4.82	2.54	1.81	1.09
OAK ORCHARD___HYD 24046	37.98	33.51	32.02	28.33	26.74	27.43	26.01	25.89	29.79	31.36	33.38	34.77	38.95	40.05	40.60	42.60	48.22	58.66	67.47	70.30	61.32	53.64	45.63	41.30
	-2.57	-2.28	-1.96	-1.82	-1.41	-1.61	-1.50	-1.54	-1.70	-2.22	-1.98	-2.67	-3.05	-3.12	-3.26	-3.09	-2.83	-3.33	-4.26	-3.32	-2.78	-2.39	-2.39	-2.05
	-0.41	-0.18	-0.25	-0.39	-0.51	-0.27	-0.30	-0.32	0.00	0.00	0.01	1.25	2.79	2.67	2.67	2.53	3.39	5.94	5.69	3.71	3.65	2.14	1.72	1.17
OAKDALE___35_KV_LOAD 356122	41.22	35.84	33.93	30.36	28.65	29.10	27.70	28.08	31.18	33.51	35.27	39.39	45.68	46.36	46.77	48.06	54.25	67.90	78.68	77.37	67.24	57.85	49.23	44.21
	-0.64	-0.57	-0.47	-0.45	-0.36	-0.40	-0.35	-0.38	-0.31	-0.07	-0.11	-0.04	-0.04	-0.05	-0.05	-0.19	-0.22	-0.20	0.15	-0.15	-0.27	-0.29	-0.35	-0.27
	-1.72	-0.80	-0.67	-1.05	-1.36	-0.74	-0.85	-1.34	0.00	0.00	-0.01	-0.72	-0.94	-0.57	-0.29	-0.05	-0.03	-0.18	-1.10	-0.19	0.24	0.04	0.15	0.03
OCC_CHEM___DRP 24175	34.84	30.67	29.78	26.23	24.88	25.49	24.10	23.38	27.43	29.73	30.70	29.64	32.11	34.42	35.71	38.28	42.99	50.15	56.32	63.26	54.29	48.27	41.29	38.35
	-5.14	-4.84	-4.18	-3.90	-3.23	-3.54	-3.48	-3.61	-4.03	-3.83	-4.63	-4.91	-5.51	-5.55	-5.77	-5.79	-5.99	-7.88	-9.37	-8.27	-8.47	-7.27	-6.56	-5.07
	0.16	0.09	-0.24	-0.37	-0.47	-0.26	-0.38	0.13	0.03	0.02	0.04	4.14	7.17	5.88	5.05	4.15	5.46	9.89	11.74	5.80	5.00	2.63	1.88	1.09
OH_GEN_PROXY 24063	34.97	31.00	29.94	26.39	25.00	25.59	24.45	23.86	27.95	29.62	31.30	30.26	32.80	35.00	36.22	38.66	43.40	51.50	58.21	63.70	55.56	49.21	42.09	38.68
	-5.10	-4.56	-4.01	-3.72	-3.10	-3.42	-3.13	-3.20	-3.53	-3.96	-4.03	-4.61	-5.29	-5.32	-5.54	-5.64	-5.88	-7.07	-8.13	-8.12	-7.32	-6.34	-5.72	-4.72
	0.08	0.05	-0.23	-0.35	-0.45	-0.25	-0.37	0.06	0.01	0.00	0.04	3.83	6.70	5.53	4.77	3.91	5.16	9.35	11.09	5.52	4.88	2.63	1.93	1.11
OLIN_CORP_DRP 24177	34.12	30.31	29.32	25.86	24.54	25.12	23.94	23.28	27.38	29.65	30.66	29.76	32.19	34.25	35.46	38.39	43.04	50.23	56.88	63.44	54.13	48.20	41.14	38.00
	-5.86	-5.20	-4.65	-4.29	-3.59	-3.91	-3.65	-3.72	-4.09	-3.93	-4.67	-4.76	-5.37	-5.68	-6.00	-5.69	-5.93	-7.81	-8.67	-8.12	-8.67	-7.39	-6.76	-5.43
	0.16	0.09	-0.25	-0.38	-0.49	-0.27	-0.38	0.13	0.01	0.00	0.04	4.18	7.22	5.91	5.07	4.13	5.46	9.88	11.87	5.78	4.96	2.59	1.83	1.08
OLIN_CORP_DSASP 323712	34.84	30.67	29.78	26.23	24.88	25.49	24.10	23.38	27.43	29.73	30.70	29.64	32.11	34.42	35.71	38.28	42.99	50.15	56.32	63.26	54.29	48.27	41.29	38.35
	-5.14	-4.84	-4.18	-3.90	-3.23	-3.54	-3.48	-3.61	-4.03	-3.83	-4.63	-4.91	-5.51	-5.55	-5.77	-5.79	-5.99	-7.88	-9.37	-8.27	-8.47	-7.27	-6.56	-5.07
	0.16	0.09	-0.24	-0.37	-0.47	-0.26	-0.38	0.13	0.03	0.02	0.04	4.14	7.17	5.88	5.05	4.15	5.46	9.89	11.74	5.80	5.00	2.63	1.88	1.09
ONEIDA_HERK_LFGE 323681	40.41	35.78	33.96	30.07	28.02	29.12	27.52	27.47	31.77	33.88	35.48	38.89	44.88	45.80	46.44	48.16	54.55	68.33	78.43	78.92	69.25	59.49	50.79	45.45
	0.12	0.11	0.17	0.21	0.25	0.29	0.24	0.24	0.28	0.30	0.11	0.19	0.09	-0.05	-0.09	-0.05	0.11	0.41	0.93	1.47	1.43	1.16	0.94	0.84
	-0.15	-0.07	-0.06	-0.10	-0.13	-0.07	-0.08	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	-0.12	-0.07	-0.16	-0.12	-0.10
ONEIDA___115KV_TB4 55905	40.87	36.13	34.29	30.34	28.27	29.30	27.71	27.63	31.83	33.98	35.62	38.92	44.75	45.68	46.28	48.00	54.27	67.59	77.91	78.29	68.49	59.05	50.36	45.19
	0.44	0.39	0.44	0.39	0.39	0.40	0.35	0.30	0.35	0.40	0.25	0.31	0.27	0.18	0.14	0.19	0.38	0.61	1.16	1.39	1.29	1.05	0.80	0.76
	-0.28	-0.13	-0.12	-0.19	-0.25	-0.13	-0.15	-0.22	0.00	0.00	0.00	0.09	0.31	0.35	0.39	0.41	0.55	0.95	0.67	0.44	0.56	0.17	0.17	0.08
ONONDAGA_REF_OCCRA 23987	40.00	35.28	33.52	29.68	27.78	28.65	27.14	27.13	31.11	33.24	34.88	37.88	43.56	44.54	45.15	46.83	52.87	65.46	75.51	76.03	66.33	57.43	48.90	43.86
	-0.68	-0.57	-0.44	-0.45	-0.33	-0.37	-0.35	-0.41	-0.38	-0.34	-0.50	-0.70	-0.81	-0.83	-0.84	-0.82	-0.82	-1.15	-1.08	-0.85	-0.75	-0.70	-0.75	-0.67
	-0.54	-0.25	-0.23	-0.36	-0.47	-0.25	-0.29	-0.42	0.00	0.00	0.00	0.12	0.43	0.48	0.54	0.56	0.76	1.30	0.83	0.46	0.68	0.04	0.08	-0.02
ONONDAGA___COGEN 23986	40.00	35.30	33.57	29.71	27.80	28.69	27.14	27.15	31.17	33.31	34.91	38.00	43.98	45.02	45.65	47.39	53.62	66.70	76.65	77.08	67.34	58.32	49.62	44.39
	-0.64	-0.53	-0.37	-0.39	-0.28	-0.32	-0.33	-0.35	-0.31	-0.27	-0.46	-0.70	-0.81	-0.83	-0.88	-0.82	-0.82	-1.22	-1.16	-0.85	-0.75	-0.64	-0.70	-0.62
	-0.50	-0.23	-0.22	-0.34	-0.44	-0.24	-0.27	-0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.39	-0.60	-0.33	-0.79	-0.59	-0.51
ONTARIO___LFGE 23819	41.61	36.08	33.80	29.97	28.20	28.94	27.42	28.28	31.25	33.45	35.04	43.39	51.85	50.90	50.09	50.25	57.27	74.02	89.15	82.22	70.75	59.72	50.06	44.81
	-0.48	-0.46	-0.27	-0.33	-0.14	-0.20	-0.22	-0.35	-0.25	-0.13	-0.39	-0.35	-0.49	-0.41	-0.42	-0.53	-0.44	-0.27	1.31	1.31	1.28	0.81	0.30	0.18
	-1.94	-0.93	-0.34	-0.54	-0.70	-0.38	-0.44	-1.52	-0.01	0.00	-0.06	-5.04	-7.56	-5.47	-3.98	-2.56	-3.27	-6.37	-10.42	-3.57	-1.71	-0.73	-0.02	-0.12
ORANGEVILLE_WT_PWR 323706	33.59	30.68	30.74	27.24	25.76	26.38	25.09	22.55	28.55	30.69	31.89	20.50	17.43	24.10	28.57	33.80	36.59	37.96	38.90	58.66	53.92	50.26	44.08	40.19
	-4.18	-3.74	-3.30	-3.00	-2.52	-2.73	-2.56	-2.71	-2.90	-2.89	-3.33	-3.41	-3.99	-3.99	-4.10	-4.39	-4.85	-5.57	-4.88	-5.49	-4.88	-4.36	-4.13	-3.43
	2.38	1.19	-0.31	-0.49	-0.63	-0.34	-0.45	1.85	0.04	0.00	0.16	14.80	23.37	17.76	13.86	10.03	13.00	24.39	33.65	13.19	8.95	3.55	1.53	0.90
ORANGEVILLE___ESR 323794	33.59	30.68	30.74	27.24	25.76	26.38	25.09	22.55	28.55	30.69	31.89	20.50	17.43	24.10	28.57	33.80	36.59	37.96	38.90	58.66	53.92	50.26	44.08	40.19
	-4.18	-3.74	-3.30	-3.00	-2.52	-2.73	-2.56	-2.71	-2.90	-2.89	-3.33	-3.41	-3.99	-3.99	-4.10	-4.39	-4.85	-5.57	-4.88	-5.49	-4.88	-4.36	-4.13	-3.43
	2.38	1.19	-0.31	-0.49	-0.63	-0.34	-0.45	1.85	0.04	0.00	0.16	14.80	23.37	17.76	13.86	10.03	13.00	24.39	33.65	13.19	8.95	3.55	1.53	0.90

OSWEGATCHIE___HYD 24044	39.66 -0.60 -0.12	35.20 -0.46 -0.06	33.38 -0.40 -0.05	29.57 -0.27 -0.08	27.50 -0.25 -0.11	28.68 -0.14 -0.06	27.08 -0.19 -0.06	26.97 -0.24 -0.09	31.14 -0.35 0.00	33.24 -0.34 0.00	34.77 -0.60 0.00	38.08 -0.62 0.00	43.94 -0.85 0.00	44.88 -0.96 0.00	45.46 -1.07 0.00	47.20 -1.01 0.00	53.40 -1.04 0.00	67.17 -0.75 0.00	77.46 -0.08 -0.11	78.28 0.77 -0.18	68.80 0.95 -0.10	59.16 0.75 -0.23	50.55 0.64 -0.17	45.10 0.45 -0.15
OSWEGO___5 23606	39.29 -1.20 -0.35	34.73 -1.03 -0.16	33.00 -0.88 -0.15	29.19 -0.80 -0.23	27.28 -0.66 -0.30	28.21 -0.72 -0.16	26.68 -0.71 -0.19	26.68 -0.71 -0.27	30.70 -0.79 0.00	32.71 -0.87 0.00	34.38 -0.99 0.00	38.68 -1.28 -1.26	47.57 -1.52 -4.30	49.17 -1.51 -4.84	50.39 -1.58 -5.44	52.32 -1.54 -5.65	60.40 -1.69 -7.65	78.86 -2.18 -13.12	87.46 -2.48 -12.52	86.10 -2.25 -11.01	76.25 -1.97 -10.47	65.32 -1.69 -8.84	55.38 -1.49 -7.13	48.45 -1.33 -5.27
OSWEGO___6 23613	39.29 -1.20 -0.35	34.73 -1.03 -0.16	33.00 -0.88 -0.15	29.19 -0.80 -0.23	27.28 -0.66 -0.30	28.21 -0.72 -0.16	26.68 -0.71 -0.19	26.68 -0.71 -0.27	30.70 -0.79 0.00	32.71 -0.87 0.00	34.38 -0.99 0.00	38.68 -1.28 -1.26	47.57 -1.52 -4.30	49.17 -1.51 -4.84	50.39 -1.58 -5.44	52.32 -1.54 -5.65	60.40 -1.69 -7.65	78.86 -2.18 -13.12	87.46 -2.48 -12.52	86.10 -2.25 -11.01	76.25 -1.97 -10.47	65.32 -1.69 -8.84	55.38 -1.49 -7.13	48.45 -1.33 -5.27
OUTOKUMPU-AB___DRP 24206	35.05 -4.90 0.19	30.98 -4.52 0.11	30.03 -3.95 -0.25	26.49 -3.66 -0.39	25.08 -3.07 -0.50	25.70 -3.34 -0.27	24.40 -3.18 -0.38	23.66 -3.31 0.15	27.91 -3.56 0.02	30.21 -3.36 0.01	31.30 -4.03 0.04	30.19 -4.14 4.37	32.64 -4.66 7.49	35.01 -4.72 6.11	36.39 -4.93 5.21	38.92 -5.06 4.23	43.53 -5.34 5.58	51.28 -6.52 10.12	58.65 -7.05 11.73	64.48 -6.96 5.90	55.64 -7.11 5.01	49.41 -6.17 2.59	42.20 -5.72 1.82	38.95 -4.50 1.07
OXBOW___BTM 323836	34.99 -4.98 0.18	30.84 -4.66 0.10	29.92 -4.05 -0.24	26.39 -3.75 -0.38	25.01 -3.12 -0.49	25.61 -3.42 -0.27	24.26 -3.32 -0.38	23.53 -3.44 0.14	27.68 -3.78 0.02	29.37 -4.20 0.01	31.01 -4.32 0.04	29.95 -4.49 4.26	32.35 -5.11 7.33	34.81 -5.04 6.00	36.14 -5.26 5.13	38.67 -5.35 4.19	43.31 -5.61 5.52	51.26 -6.65 10.00	57.85 -8.05 11.52	63.98 -7.50 5.85	55.17 -7.59 5.00	48.93 -6.63 2.61	41.92 -5.97 1.85	38.67 -4.76 1.08
OXBOW___ 24026	34.99 -4.98 0.18	30.84 -4.66 0.10	29.92 -4.05 -0.24	26.39 -3.75 -0.38	25.01 -3.12 -0.49	25.61 -3.42 -0.27	24.26 -3.32 -0.38	23.54 -3.44 0.14	27.69 -3.78 0.02	30.01 -3.56 0.01	31.01 -4.32 0.04	29.95 -4.49 4.26	32.44 -5.02 7.33	34.76 -5.09 6.00	36.10 -5.30 5.13	38.67 -5.35 4.19	43.31 -5.61 5.52	50.78 -7.13 10.00	57.85 -8.05 11.52	63.98 -7.50 5.85	55.10 -7.66 5.00	48.93 -6.63 2.61	41.82 -6.07 1.85	38.67 -4.76 1.08
OXY_CHEM_DSASP 323612	34.84 -5.14 0.16	30.67 -4.84 0.09	29.78 -4.18 -0.24	26.23 -3.90 -0.37	24.88 -3.23 -0.47	25.49 -3.54 -0.26	24.10 -3.48 -0.38	23.38 -3.61 0.13	27.43 -4.03 0.03	29.73 -3.83 0.02	30.70 -4.63 0.04	29.64 -4.91 4.14	32.11 -5.51 7.17	34.42 -5.55 5.88	35.71 -5.77 5.05	38.28 -5.79 4.15	42.99 -5.99 5.46	50.15 -7.88 9.89	56.32 -9.37 11.74	63.26 -8.27 5.80	54.29 -8.47 5.00	48.27 -7.27 2.63	41.29 -6.56 1.88	38.35 -5.07 1.09
OZONE_PARK_ESR 323760	48.74 3.73 -4.86	40.96 3.10 -2.26	38.56 2.73 -2.10	35.43 2.38 -3.29	34.16 2.24 -4.28	33.46 2.39 -2.31	32.12 2.31 -2.61	33.41 2.49 -3.80	34.42 2.93 0.00	36.78 3.19 -0.01	39.03 3.64 -0.01	43.07 4.30 -0.07	49.97 5.15 -0.03	54.15 5.41 -2.90	57.06 5.63 -4.90	61.81 5.64 -7.96	65.65 6.26 -4.94	77.35 7.47 -1.96	84.93 7.51 0.00	84.39 7.04 -0.01	73.31 5.56 0.01	62.41 4.25 0.01	53.67 3.93 -0.01	48.30 3.78 -0.01
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.84 -5.14 0.16	30.67 -4.84 0.09	29.78 -4.18 -0.24	26.23 -3.90 -0.37	24.88 -3.23 -0.47	25.49 -3.54 -0.26	24.10 -3.48 -0.38	23.38 -3.61 0.13	27.43 -4.03 0.03	29.73 -3.83 0.02	30.70 -4.63 0.04	29.64 -4.91 4.14	32.11 -5.51 7.17	34.42 -5.55 5.88	35.71 -5.77 5.05	38.28 -5.79 4.15	42.99 -5.99 5.46	50.15 -7.88 9.89	56.32 -9.37 11.74	63.26 -8.27 5.80	54.29 -8.47 5.00	48.27 -7.27 2.63	41.29 -6.56 1.88	38.35 -5.07 1.09
PACKARD___115KV_DUPONT_184 80571	34.84 -5.14 0.16	30.67 -4.84 0.09	29.78 -4.18 -0.24	26.23 -3.90 -0.37	24.88 -3.23 -0.47	25.46 -3.57 -0.26	24.10 -3.48 -0.38	23.38 -3.61 0.13	27.43 -4.03 0.03	28.96 -4.60 0.02	30.70 -4.63 0.04	29.64 -4.92 4.14	32.02 -5.60 7.17	34.42 -5.55 5.88	35.71 -5.77 5.05	38.28 -5.79 4.15	42.99 -5.99 5.46	50.76 -7.27 9.89	56.31 -9.37 11.74	63.34 -8.20 5.80	54.35 -8.40 5.00	48.27 -7.27 2.63	41.44 -6.42 1.88	38.34 -5.08 1.09
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	48.55 3.53 -4.87	40.79 2.92 -2.27	38.37 2.53 -2.11	35.29 2.23 -3.29	34.00 2.07 -4.28	33.30 2.22 -2.31	31.96 2.15 -2.61	33.23 2.30 -3.81	34.07 2.58 0.00	36.40 2.82 0.00	38.64 3.25 -0.02	42.50 3.72 -0.08	49.39 4.57 -0.03	53.82 4.72 -3.25	56.73 4.89 -5.31	53.30 4.77 -0.31	59.81 5.23 -0.15	74.16 6.18 -0.06	83.62 6.19 0.00	83.15 5.80 -0.01	72.15 4.40 0.01	61.72 3.55 0.01	52.98 3.23 -0.01	47.94 3.43 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	49.39 4.38 -4.87	41.54 3.67 -2.27	39.08 3.24 -2.11	35.88 2.83 -3.29	34.58 2.65 -4.28	33.87 2.79 -2.31	32.48 2.67 -2.61	33.74 2.82 -3.81	34.70 3.21 0.00	37.07 3.49 0.00	39.35 3.96 -0.02	43.27 4.49 -0.08	50.28 5.46 -0.03	54.73 5.64 -3.25	57.66 5.82 -5.31	54.26 5.74 -0.31	60.96 6.37 -0.15	75.58 7.61 -0.06	85.24 7.82 0.00	84.70 7.35 -0.01	73.51 5.76 0.01	62.82 4.65 0.01	53.97 4.23 -0.01	48.79 4.27 -0.01
PATROON___115KV_TB1 80586	47.56 1.36 -6.05	39.63 1.21 -2.81	37.59 1.25 -2.62	34.92 1.07 -4.09	33.98 1.02 -5.32	32.67 1.04 -2.87	31.42 0.98 -3.24	32.76 0.92 -4.72	32.40 0.91 0.00	34.39 0.81 0.00	36.33 0.96 0.00	39.82 1.12 0.00	46.04 1.25 0.00	47.17 1.33 0.00	47.93 1.40 0.00	49.46 1.25 0.00	55.86 1.42 0.00	69.41 1.49 0.00	78.89 1.47 0.00	78.42 1.08 0.00	68.84 1.08 0.00	59.16 0.99 0.00	50.53 0.80 0.00	45.49 0.98 0.00
PATTRSNVILLE___SOLAR 323815	48.10 1.61 -6.35	39.94 1.39 -2.95	37.72 1.25 -2.75	35.12 1.07 -4.29	34.28 1.05 -5.59	32.84 1.06 -3.01	31.56 0.95 -3.40	32.89 0.81 -4.96	32.28 0.79 0.00	34.29 0.71 0.00	35.94 0.56 0.00	39.36 0.66 0.00	45.50 0.71 0.00	46.58 0.73 0.00	47.46 0.93 0.00	49.23 1.01 0.00	55.80 1.36 0.00	69.62 1.70 0.00	79.67 2.25 0.00	79.58 2.24 0.00	69.92 2.17 0.00	60.03 1.86 0.00	51.28 1.54 0.00	45.98 1.47 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.76 -5.22 0.16	30.81 -4.70 0.09	29.62 -4.38 -0.28	26.36 -3.84 -0.44	24.67 -3.54 -0.56	25.42 -3.65 -0.31	24.14 -3.48 -0.42	23.47 -3.53 0.12	28.08 -3.40 0.01	30.32 -3.26 0.00	31.79 -3.54 0.05	31.57 -2.63 4.50	34.22 -2.91 7.66	36.71 -2.93 6.20	38.22 -3.07 5.24	39.41 -4.58 4.23	42.78 -6.10 5.56	52.66 -5.16 10.10	62.59 -3.41 11.43	63.97 -7.50 5.86	55.61 -7.25 4.90	49.21 -6.46 2.50	42.00 -6.02 1.72	38.39 -5.12 1.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	48.22 3.17 -4.91	40.52 2.63 -2.28	38.11 2.26 -2.12	35.10 2.02 -3.32	33.84 1.88 -4.32	33.11 2.01 -2.33	31.79 1.96 -2.63	32.96 2.01 -3.83	33.88 2.39 0.00	36.10 2.52 0.00	38.31 2.94 0.00	42.22 3.52 0.00	49.09 4.30 0.00	50.34 4.49 0.00	51.28 4.75 0.00	52.89 4.68 0.00	59.61 5.17 0.00	74.17 6.25 0.00	84.00 6.58 0.00	83.37 6.03 0.00	72.36 4.61 0.01	61.77 3.61 0.01	52.96 3.23 0.01	47.58 3.07 0.00
PEEKSKILL____ 23653	47.77 2.81 -4.81	40.19 2.35 -2.24	37.83 2.02 -2.08	34.80 1.79 -3.25	33.56 1.69 -4.23	32.86 1.81 -2.28	31.55 1.77 -2.58	32.77 1.90 -3.76	33.72 2.24 0.00	36.10 2.52 0.00	38.13 2.76 0.00	42.06 3.37 0.00	48.82 4.03 0.00	50.02 4.17 0.00	50.86 4.33 0.00	52.50 4.29 0.00	59.17 4.73 0.00	73.28 5.36 0.00	83.00 5.58 0.00	82.44 5.10 0.00	71.54 3.79 0.01	61.13 2.97 0.01	52.46 2.73 0.01	47.27 2.76 0.00
PGE MADISON__WINDPWR 24146	43.13 1.24 -1.74	37.52 1.10 -0.81	35.56 1.18 -0.65	31.82 1.04 -1.02	29.96 1.00 -1.32	30.54 1.06 -0.71	28.81 0.79 -0.82	29.18 0.71 -1.36	32.28 0.79 0.00	34.52 0.94 0.00	35.98 0.60 -0.01	40.45 0.77 -0.98	46.72 0.58 -1.35	46.96 0.23 -0.89	47.18 0.09 -0.55	48.60 0.14 -0.25	55.28 0.54 -0.29	70.01 1.43 -0.67	82.33 3.17 -1.73	81.45 3.63 -0.48	70.99 3.25 0.02	60.99 2.73 -0.08	51.84 2.19 0.08	46.53 2.00 -0.02
PIERCEFIELD____HYD 23852	39.62 -0.52 0.00	35.21 -0.39 0.00	33.29 -0.44 0.00	29.46 -0.30 0.00	27.28 -0.36 0.00	28.48 -0.29 0.00	26.90 -0.30 0.00	26.79 -0.33 0.00	31.05 -0.44 0.00	33.18 -0.40 0.00	34.81 -0.57 0.00	38.23 -0.46 0.00	44.12 -0.67 0.00	45.06 -0.78 0.00	45.65 -0.88 0.00	47.44 -0.77 0.00	53.46 -0.98 0.00	67.24 -0.68 0.00	77.19 -0.23 0.00	77.65 0.31 0.00	68.16 0.41 0.00	58.52 0.35 0.00	50.13 0.40 0.00	44.69 0.18 0.00
PINELAWN_CC_1 323563	48.78 3.77 -4.86	41.14 3.27 -2.26	38.63 2.80 -2.10	35.64 2.59 -3.29	34.19 2.27 -4.28	33.57 2.50 -2.31	32.15 2.34 -2.61	33.38 2.47 -3.80	34.86 3.37 0.00	44.44 3.69 -7.16	45.19 3.82 -6.00	49.05 4.45 -5.91	50.47 5.28 -0.40	52.27 5.45 -0.98	53.53 5.63 -1.38	56.98 5.59 -3.18	61.64 6.26 -0.94	75.98 7.34 -0.72	84.85 6.42 -1.01	83.90 5.72 -0.84	71.67 3.93 0.01	60.95 2.79 0.01	52.31 2.58 0.01	47.98 3.47 0.00
PJM_GEN_HTP_PROXY 323702	48.30 3.29 -4.86	40.61 2.74 -2.26	38.19 2.36 -2.10	35.13 2.08 -3.29	33.88 1.96 -4.28	33.20 2.13 -2.31	31.87 2.07 -2.61	33.14 2.22 -3.80	34.13 2.65 0.00	36.58 2.99 -0.01	38.64 3.25 -0.01	42.67 3.91 -0.06	49.47 4.66 -0.02	53.19 4.86 -2.49	55.77 5.03 -4.21	60.06 5.01 -6.84	64.24 5.56 -4.24	76.06 6.46 -1.68	84.00 6.58 0.00	83.45 6.11 -0.01	72.36 4.61 0.01	61.72 3.55 0.01	53.07 3.33 -0.01	47.81 3.29 -0.01
PJM_GEN_KEystone 24065	39.93 -0.76 -0.55	36.09 -0.78 -1.27	32.00 -0.77 0.95	30.40 -0.71 -1.35	29.20 -0.58 -2.14	29.57 -0.58 -1.38	28.30 -0.49 -1.59	28.84 -0.41 -2.13	31.14 -0.35 0.00	33.48 -0.10 0.00	35.15 -0.21 0.01	37.63 0.16 1.23	42.83 0.27 2.22	44.53 0.37 1.68	45.58 0.37 1.33	47.35 0.00 0.86	52.75 -0.16 1.53	64.42 -0.27 3.22	74.00 0.31 3.74	74.47 -0.85 2.02	64.70 -1.22 1.84	55.82 -1.34 1.01	47.73 -1.24 0.76	43.26 -0.80 0.45
PJM_GEN_NEPTUNE_PROXY 323594	48.18 3.17 -4.86	40.61 2.74 -2.26	38.13 2.29 -2.10	35.19 2.14 -3.29	33.80 1.88 -4.28	33.14 2.07 -2.31	31.77 1.96 -2.61	33.00 2.09 -3.80	34.35 2.87 0.00	43.90 3.16 -7.16	44.69 3.32 -6.00	48.51 3.91 -5.91	49.80 4.61 -0.40	51.56 4.77 -0.95	52.61 4.93 -1.15	56.09 4.87 -3.02	60.30 5.44 -0.42	74.28 6.32 -0.04	82.61 5.19 0.00	81.90 4.56 0.00	70.86 3.12 0.01	60.37 2.21 0.01	51.81 2.09 0.01	47.36 2.85 0.00
PJM_GEN_VFT_PROXY 323633	48.22 3.21 -4.86	40.50 2.63 -2.26	38.09 2.26 -2.10	35.07 2.02 -3.29	33.82 1.91 -4.28	33.11 2.04 -2.31	31.79 1.98 -2.61	33.06 2.14 -3.80	34.07 2.58 0.00	36.45 2.85 -0.01	38.53 3.15 -0.01	42.64 3.87 -0.07	49.39 4.57 -0.03	53.51 4.77 -2.90	56.42 4.98 -4.90	61.10 4.92 -7.97	64.83 5.44 -4.95	76.13 6.24 -1.96	83.69 6.27 0.00	83.15 5.80 -0.01	72.15 4.40 0.01	61.48 3.31 0.01	52.93 3.19 -0.01	47.68 3.16 -0.01
PLATSBURG_115KV_PMLD1 355749	39.70 -0.44 0.00	35.29 -0.32 0.00	33.36 -0.37 0.00	29.49 -0.27 0.00	27.34 -0.30 0.00	28.51 -0.26 0.00	26.93 -0.27 0.00	26.90 -0.22 0.00	31.24 -0.25 0.00	33.38 -0.20 0.00	35.16 -0.21 0.00	38.58 -0.12 0.00	44.65 -0.13 0.00	45.71 -0.14 0.00	46.39 -0.14 0.00	48.26 0.05 0.00	54.44 0.00 0.00	68.40 0.48 0.00	78.20 0.77 0.00	78.34 1.01 0.00	68.70 0.95 0.00	58.93 0.76 0.00	50.38 0.65 0.00	44.95 0.45 0.00
PLEASANTVLY____LBMP 24000	47.81 2.57 -5.10	40.11 2.14 -2.37	37.79 1.86 -2.20	34.84 1.64 -3.44	33.67 1.55 -4.48	32.85 1.67 -2.42	31.54 1.60 -2.73	32.81 1.71 -3.98	33.50 2.02 0.00	35.69 2.12 0.00	37.85 2.48 0.00	41.64 2.94 0.00	48.33 3.54 0.00	49.56 3.71 0.00	50.44 3.91 0.00	52.02 3.81 0.00	58.63 4.19 0.00	72.74 4.82 0.00	82.22 4.80 0.00	81.67 4.33 0.00	71.07 3.32 0.01	60.73 2.56 0.01	52.12 2.39 0.01	46.91 2.40 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	48.01 2.97 -4.90	40.37 2.49 -2.28	38.00 2.16 -2.12	34.98 1.90 -3.31	33.72 1.77 -4.31	32.99 1.90 -2.32	31.68 1.85 -2.62	32.92 1.98 -3.82	33.82 2.33 0.00	36.06 2.48 0.00	38.27 2.90 0.00	42.14 3.44 0.00	48.91 4.12 0.00	50.11 4.36 0.09	50.94 4.56 0.15	52.45 4.48 0.25	59.24 4.95 0.15	73.70 5.84 0.06	83.31 5.88 0.00	82.75 5.41 0.00	71.88 4.13 0.01	61.37 3.20 0.01	52.66 2.93 0.01	47.40 2.89 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	48.01 2.97 -4.90	40.37 2.49 -2.28	38.00 2.16 -2.12	34.98 1.90 -3.31	33.72 1.77 -4.31	32.99 1.90 -2.32	31.68 1.85 -2.62	32.92 1.98 -3.82	33.82 2.33 0.00	36.06 2.48 0.00	38.27 2.90 0.00	42.14 3.44 0.00	48.91 4.12 0.00	50.11 4.36 0.09	50.94 4.56 0.15	52.45 4.48 0.25	59.24 4.95 0.15	73.70 5.84 0.06	83.31 5.88 0.00	82.75 5.41 0.00	71.88 4.13 0.01	61.37 3.20 0.01	52.66 2.93 0.01	47.40 2.89 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	47.91 2.77 -5.00	40.24 2.31 -2.32	37.91 2.02 -2.16	34.92 1.79 -3.37	33.72 1.69 -4.39	32.92 1.78 -2.37	31.59 1.71 -2.68	32.81 1.79 -3.90	33.60 2.11 0.00	35.76 2.18 0.00	37.92 2.55 0.00	41.72 3.02 0.00	48.46 3.67 0.00	49.70 3.85 0.00	50.58 4.05 0.00	52.21 4.00 0.00	58.90 4.46 0.00	73.22 5.30 0.00	82.92 5.50 0.00	82.44 5.10 0.00	71.75 4.00 0.01	61.31 3.14 0.01	52.46 2.74 0.01	47.18 2.67 0.00
POLETTI____ 23519	48.34 3.33 -4.86	40.61 2.74 -2.26	38.23 2.39 -2.10	35.16 2.11 -3.29	33.91 1.99 -4.28	33.20 2.13 -2.31	31.88 2.07 -2.61	33.17 2.25 -3.80	34.10 2.61 0.00	36.42 2.82 -0.02	38.64 3.25 -0.02	42.61 3.83 -0.08	49.43 4.61 -0.03	53.79 4.81 -3.14	56.86 5.03 -5.30	61.79 4.97 -8.62	65.29 5.50 -5.35	76.56 6.52 -2.12	83.93 6.50 0.00	83.38 6.03 -0.01	72.42 4.68 0.01	61.72 3.55 0.01	53.08 3.33 -0.01	47.81 3.29 -0.01

POMONA___ESR 323819	47.62 2.77 -4.70	40.11 2.31 -2.19	37.75 1.99 -2.03	34.69 1.76 -3.18	33.41 1.63 -4.14	32.78 1.78 -2.23	31.46 1.74 -2.52	32.66 1.87 -3.67	33.69 2.20 0.00	36.03 2.45 0.00	38.10 2.72 0.00	41.99 3.29 0.00	48.77 3.98 0.00	49.97 4.13 0.00	50.81 4.28 0.00	52.45 4.24 0.00	59.07 4.62 0.00	73.22 5.30 0.00	82.92 5.50 0.00	82.36 5.02 0.00	71.47 3.72 0.01	61.07 2.91 0.01	52.41 2.68 0.01	47.18 2.67 0.00
PORT_JEFF_3 23555	48.90 3.89 -4.86	41.39 3.53 -2.26	38.83 3.00 -2.10	35.84 2.80 -3.29	34.35 2.43 -4.28	33.78 2.70 -2.31	32.34 2.53 -2.61	33.58 2.66 -3.80	35.18 3.68 -0.01	44.75 3.99 -7.17	45.33 3.96 -6.00	49.13 4.53 -5.91	50.56 5.37 -0.40	52.40 5.59 -0.97	53.48 5.72 -1.23	59.14 5.64 -5.29	71.02 6.31 -10.26	82.03 7.27 -6.84	93.71 6.27 -10.02	91.30 5.57 -8.39	71.68 3.93 0.00	60.78 2.62 0.01	52.26 2.54 0.01	48.07 3.56 0.00
PORT_JEFF_4 23616	48.90 3.89 -4.86	41.39 3.53 -2.26	38.83 3.00 -2.10	35.84 2.80 -3.29	34.35 2.43 -4.28	33.78 2.70 -2.31	32.34 2.53 -2.61	33.58 2.66 -3.80	35.18 3.68 -0.01	44.75 3.99 -7.17	45.33 3.96 -6.00	49.13 4.53 -5.91	50.56 5.37 -0.40	52.40 5.59 -0.97	53.48 5.72 -1.23	59.14 5.64 -5.29	71.02 6.31 -10.26	82.03 7.27 -6.84	93.71 6.27 -10.02	91.30 5.57 -8.39	71.68 3.93 0.00	60.78 2.62 0.01	52.26 2.54 0.01	48.07 3.56 0.00
PORT_JEFF_IC 23713	48.98 3.97 -4.86	41.43 3.56 -2.26	38.90 3.07 -2.10	35.91 2.86 -3.29	34.41 2.49 -4.28	33.83 2.76 -2.31	32.28 2.48 -2.61	33.71 2.79 -3.80	35.22 3.72 -0.01	44.72 3.96 -7.18	45.51 4.14 -6.00	49.17 4.57 -5.91	50.65 5.46 -0.40	52.55 5.73 -0.97	53.63 5.86 -1.24	59.58 5.83 -5.53	72.53 6.53 -11.56	82.93 7.74 -7.27	94.73 6.66 -10.65	92.06 5.80 -8.92	71.96 4.20 0.00	60.89 2.73 0.01	52.41 2.69 0.01	48.16 3.65 0.00
PPL PILGRIM_ST_GT1 24216	48.98 3.98 -4.86	41.39 3.53 -2.26	38.83 3.00 -2.10	35.84 2.80 -3.29	34.35 2.43 -4.28	33.78 2.70 -2.31	32.31 2.50 -2.61	33.55 2.63 -3.80	35.14 3.65 0.00	44.71 3.96 -7.17	45.40 4.03 -6.00	49.29 4.68 -5.91	50.69 5.51 -0.40	52.49 5.68 -0.96	53.59 5.82 -1.25	57.92 5.78 -3.93	64.09 6.37 -3.28	79.19 7.34 -3.93	89.51 6.35 -5.73	87.78 5.64 -4.80	71.60 3.86 0.01	61.01 2.85 0.01	52.35 2.63 0.01	48.16 3.65 0.00
PPL PILGRIM_ST_GT2 24217	48.98 3.98 -4.86	41.39 3.53 -2.26	38.83 3.00 -2.10	35.84 2.80 -3.29	34.35 2.43 -4.28	33.78 2.70 -2.31	32.31 2.50 -2.61	33.55 2.63 -3.80	35.14 3.65 0.00	44.71 3.96 -7.17	45.40 4.03 -6.00	49.29 4.68 -5.91	50.69 5.51 -0.40	52.49 5.68 -0.96	53.59 5.82 -1.25	57.92 5.78 -3.93	64.09 6.37 -3.28	79.19 7.34 -3.93	89.51 6.35 -5.73	87.78 5.64 -4.80	71.60 3.86 0.01	61.01 2.85 0.01	52.35 2.63 0.01	48.16 3.65 0.00
PPL_SHRM_GT3 24213	49.06 4.05 -4.86	41.53 3.67 -2.26	38.97 3.14 -2.10	36.00 2.95 -3.29	34.49 2.57 -4.28	33.92 2.85 -2.31	32.45 2.64 -2.61	33.74 2.82 -3.80	35.43 3.94 -0.01	44.92 4.16 -7.18	45.29 3.93 -6.00	48.90 4.30 -5.91	50.33 5.15 -0.40	52.40 5.59 -0.97	53.58 5.82 -1.23	59.27 5.73 -5.32	71.30 6.42 -10.44	81.81 7.00 -6.90	93.79 6.27 -10.10	91.36 5.57 -8.46	71.48 3.72 0.00	60.49 2.33 0.01	52.35 2.63 0.01	48.25 3.74 0.00
PPL_SHRM_GT4 24214	49.06 4.05 -4.86	41.53 3.67 -2.26	38.97 3.14 -2.10	36.00 2.95 -3.29	34.49 2.57 -4.28	33.92 2.85 -2.31	32.45 2.64 -2.61	33.74 2.82 -3.80	35.43 3.94 -0.01	44.92 4.16 -7.18	45.29 3.93 -6.00	48.90 4.30 -5.91	50.33 5.15 -0.40	52.40 5.59 -0.97	53.58 5.82 -1.23	59.27 5.73 -5.32	71.30 6.42 -10.44	81.81 7.00 -6.90	93.79 6.27 -10.10	91.36 5.57 -8.46	71.48 3.72 0.00	60.49 2.33 0.01	52.35 2.63 0.01	48.25 3.74 0.00
PROJECT___ORANGE 1 24174	39.74 -0.84 -0.44	35.13 -0.68 -0.20	33.38 -0.54 -0.19	29.52 -0.54 -0.30	27.61 -0.41 -0.38	28.51 -0.46 -0.21	27.00 -0.44 -0.23	26.97 -0.49 -0.34	31.02 -0.47 0.00	33.14 -0.44 0.00	34.77 -0.60 0.00	37.67 -0.85 0.18	43.20 -0.99 0.60	44.16 -1.01 0.68	44.70 -1.07 0.76	46.41 -1.01 0.79	52.33 -1.03 1.07	64.65 -1.43 1.84	74.63 -1.47 1.32	75.23 -1.24 0.87	65.58 -1.08 1.09	56.82 -0.99 0.36	48.45 -0.94 0.34	43.49 -0.85 0.17
PROJECT___ORANGE 2 24166	39.74 -0.84 -0.44	35.13 -0.68 -0.20	33.38 -0.54 -0.19	29.52 -0.54 -0.30	27.61 -0.41 -0.38	28.51 -0.46 -0.21	27.00 -0.44 -0.23	26.97 -0.49 -0.34	31.02 -0.47 0.00	33.14 -0.44 0.00	34.77 -0.60 0.00	37.67 -0.85 0.18	43.20 -0.99 0.60	44.16 -1.01 0.68	44.70 -1.07 0.76	46.41 -1.01 0.79	52.33 -1.03 1.07	64.65 -1.43 1.84	74.63 -1.47 1.32	75.23 -1.24 0.87	65.58 -1.08 1.09	56.82 -0.99 0.36	48.45 -0.94 0.34	43.49 -0.85 0.17
PUCKETT___SOLAR 323809	41.87 -0.04 -1.77	36.40 -0.04 -0.83	34.42 0.00 -0.70	30.82 -0.03 -1.09	29.08 0.03 -1.41	29.56 0.03 -0.76	28.02 -0.05 -0.87	28.39 -0.11 -1.38	31.43 0.17 0.00	33.75 0.17 0.00	35.34 -0.04 -0.01	39.41 0.04 -0.68	45.58 -0.09 -0.88	46.24 -0.14 -0.53	46.62 -0.19 -0.27	47.97 -0.29 -0.05	54.26 -0.22 -0.04	68.03 -0.07 -0.18	79.24 0.77 -1.04	78.31 0.77 -0.20	68.23 0.68 0.21	58.62 0.46 0.01	49.91 0.30 0.13	44.81 0.31 0.02
PYRITES___HYD 24023	40.23 0.08 0.00	35.75 0.14 0.00	33.80 0.07 0.00	29.91 0.15 0.00	27.67 0.03 0.00	28.88 0.12 0.00	27.26 0.05 0.00	27.09 -0.03 0.00	31.33 -0.16 0.00	33.41 -0.17 0.00	35.02 -0.35 0.00	38.47 -0.23 0.00	44.34 -0.45 0.00	45.29 -0.55 0.00	45.88 -0.65 0.00	47.68 -0.53 0.00	53.73 -0.71 0.00	67.78 -0.14 0.00	77.96 0.54 0.00	78.65 1.31 0.00	69.18 1.42 0.00	59.34 1.16 0.00	50.83 1.09 0.00	45.31 0.80 0.00
QUAKERRD_115KV_BK1 80622	37.58 -2.93 -0.37	33.17 -2.60 -0.16	31.71 -2.26 -0.24	28.05 -2.08 -0.37	26.42 -1.71 -0.49	27.16 -1.87 -0.26	25.72 -1.77 -0.29	25.59 -1.82 -0.29	29.47 -2.02 0.00	31.67 -1.91 0.00	33.03 -2.33 0.01	34.36 -3.02 1.32	38.39 -3.49 2.90	39.51 -3.58 2.76	40.07 -3.72 2.74	42.06 -3.57 2.58	47.50 -3.48 3.46	57.03 -4.82 6.06	66.29 -5.26 5.87	69.07 -4.49 3.78	60.27 -3.79 3.69	52.82 -3.20 2.15	44.88 -3.13 1.72	40.71 -2.63 1.18
QUENSBRY_115KV_TB8 356137	49.51 3.17 -6.19	41.26 2.78 -2.88	38.90 2.50 -2.68	36.06 2.11 -4.18	35.16 2.07 -5.45	33.83 2.13 -2.94	32.42 1.90 -3.32	33.77 1.82 -4.84	33.47 1.98 0.00	35.56 1.98 0.00	37.25 1.87 0.00	40.79 2.09 0.00	47.12 2.33 0.00	48.09 2.25 0.00	48.90 2.37 0.00	50.72 2.51 0.00	57.87 3.43 0.00	72.33 4.41 0.00	83.00 5.57 0.00	82.59 5.26 0.00	72.70 4.95 0.00	62.36 4.19 0.00	53.07 3.33 0.00	47.58 3.07 0.00
RAMAPO___LBMP 323565	47.38 2.57 -4.67	39.91 2.14 -2.17	37.60 1.86 -2.02	34.55 1.64 -3.15	33.27 1.52 -4.10	32.62 1.64 -2.21	31.31 1.60 -2.50	32.53 1.76 -3.65	33.54 2.05 0.00	35.76 2.18 0.00	37.95 2.58 0.00	41.76 3.06 0.00	48.51 3.72 0.00	49.74 3.90 0.00	50.58 4.05 0.00	52.21 4.00 0.00	58.85 4.41 0.00	73.01 5.09 0.00	82.53 5.11 0.00	81.97 4.64 0.00	71.27 3.52 0.01	60.84 2.68 0.01	52.21 2.49 0.01	47.00 2.49 0.00

RANKINE_____	34.93	31.06	30.05	26.61	25.09	25.75	24.54	23.70	28.20	30.49	31.68	30.06	32.25	34.89	36.54	38.79	42.85	50.95	58.90	63.96	55.99	49.81	42.57	39.04
23646	-4.90	-4.38	-3.95	-3.57	-3.10	-3.31	-3.07	-3.17	-3.27	-3.09	-3.64	-3.56	-3.99	-4.08	-4.23	-4.82	-5.55	-5.98	-5.42	-7.04	-6.57	-5.76	-5.42	-4.45
	0.31	0.17	-0.27	-0.42	-0.54	-0.30	-0.41	0.24	0.01	0.00	0.05	5.08	8.55	6.87	5.76	4.60	6.04	10.99	13.11	6.34	5.20	2.61	1.75	1.02
RAVENSWOOD_GT2_1	48.34	40.61	38.23	35.16	33.91	33.20	31.88	33.17	34.10	36.42	38.64	42.61	49.43	53.91	57.01	62.11	65.49	76.57	83.93	83.38	72.42	61.72	53.08	47.81
24244	3.33	2.74	2.39	2.11	1.99	2.13	2.07	2.25	2.61	2.82	3.25	3.83	4.61	4.81	4.98	4.97	5.50	6.45	6.50	6.03	4.68	3.55	3.33	3.29
	-4.86	-2.26	-2.10	-3.29	-4.28	-2.31	-2.61	-3.80	0.00	-0.02	-0.02	-0.08	-0.03	-3.25	-5.50	-8.93	-5.55	-2.20	0.00	-0.01	0.01	0.01	-0.01	-0.01
RAVENSWOOD_GT2_2	48.34	40.61	38.23	35.16	33.91	33.20	31.88	33.17	34.10	36.42	38.64	42.61	49.43	53.91	57.01	62.11	65.49	76.57	83.93	83.38	72.42	61.72	53.08	47.81
24245	3.33	2.74	2.39	2.11	1.99	2.13	2.07	2.25	2.61	2.82	3.25	3.83	4.61	4.81	4.98	4.97	5.50	6.45	6.50	6.03	4.68	3.55	3.33	3.29
	-4.86	-2.26	-2.10	-3.29	-4.28	-2.31	-2.61	-3.80	0.00	-0.02	-0.02	-0.08	-0.03	-3.25	-5.50	-8.93	-5.55	-2.20	0.00	-0.01	0.01	0.01	-0.01	-0.01
RAVENSWOOD_GT2_3	48.34	40.64	38.23	35.16	33.94	33.23	31.90	33.17	34.13	36.45	38.64	42.61	49.43	53.95	57.06	62.16	65.49	76.64	83.93	83.46	72.42	61.77	53.13	47.81
24246	3.33	2.78	2.39	2.11	2.02	2.16	2.09	2.25	2.65	2.85	3.25	3.83	4.61	4.86	5.03	5.01	5.50	6.52	6.50	6.11	4.68	3.61	3.38	3.29
	-4.86	-2.26	-2.10	-3.29	-4.28	-2.31	-2.61	-3.80	0.00	-0.02	-0.02	-0.08	-0.03	-3.25	-5.50	-8.93	-5.55	-2.20	0.00	-0.01	0.01	0.01	-0.01	-0.01
RAVENSWOOD_GT2_4	48.34	40.64	38.23	35.16	33.94	33.23	31.90	33.17	34.13	36.45	38.64	42.61	49.43	53.95	57.06	62.16	65.49	76.64	83.93	83.46	72.42	61.77	53.13	47.81
24247	3.33	2.78	2.39	2.11	2.02	2.16	2.09	2.25	2.65	2.85	3.25	3.83	4.61	4.86	5.03	5.01	5.50	6.52	6.50	6.11	4.68	3.61	3.38	3.29
	-4.86	-2.26	-2.10	-3.29	-4.28	-2.31	-2.61	-3.80	0.00	-0.02	-0.02	-0.08	-0.03	-3.25	-5.50	-8.93	-5.55	-2.20	0.00	-0.01	0.01	0.01	-0.01	-0.01
RAVENSWOOD_GT3_1	48.34	40.61	38.23	35.16	33.91	33.20	31.88	33.17	34.10	36.42	38.64	42.61	49.43	53.91	57.06	62.11	65.49	76.57	83.93	83.38	72.42	61.72	53.13	47.81
24248	3.33	2.74	2.39	2.11	1.99	2.13	2.07	2.25	2.61	2.82	3.25	3.83	4.61	4.81	5.03	4.97	5.50	6.45	6.50	6.03	4.68	3.55	3.38	3.29
	-4.86	-2.26	-2.10	-3.29	-4.28	-2.31	-2.61	-3.80	0.00	-0.02	-0.02	-0.08	-0.03	-3.25	-5.50	-8.93	-5.55	-2.20	0.00	-0.01	0.01	0.01	-0.01	-0.01
RAVENSWOOD_GT3_2	48.34	40.61	38.23	35.16	33.91	33.20	31.88	33.17	34.10	36.42	38.64	42.61	49.43	53.91	57.06	62.11	65.49	76.57	83.93	83.38	72.42	61.72	53.13	47.81
24249	3.33	2.74	2.39	2.11	1.99	2.13	2.07	2.25	2.61	2.82	3.25	3.83	4.61	4.81	5.03	4.97	5.50	6.45	6.50	6.03	4.68	3.55	3.38	3.29
	-4.86	-2.26	-2.10	-3.29	-4.28	-2.31	-2.61	-3.80	0.00	-0.02	-0.02	-0.08	-0.03	-3.25	-5.50	-8.93	-5.55	-2.20	0.00	-0.01	0.01	0.01	-0.01	-0.01
RAVENSWOOD_GT3_3	48.38	40.68	38.26	35.19	33.96	33.26	31.93	33.19	34.17	36.48	38.71	42.69	49.52	54.00	57.10	62.21	65.59	76.71	84.08	83.54	72.56	61.83	53.18	47.86
24250	3.37	2.81	2.43	2.14	2.05	2.19	2.12	2.28	2.68	2.89	3.32	3.91	4.70	4.91	5.07	5.06	5.61	6.59	6.66	6.19	4.81	3.66	3.43	3.34
	-4.86	-2.26	-2.10	-3.29	-4.28	-2.31	-2.61	-3.80	0.00	-0.02	-0.02	-0.08	-0.03	-3.25	-5.50	-8.93	-5.55	-2.20	0.00	-0.01	0.01	0.01	-0.01	-0.01
RAVENSWOOD_GT3_4	48.38	40.68	38.26	35.19	33.96	33.26	31.93	33.19	34.17	36.48	38.71	42.69	49.52	54.00	57.10	62.21	65.59	76.71	84.08	83.54	72.56	61.83	53.18	47.86
24251	3.37	2.81	2.43	2.14	2.05	2.19	2.12	2.28	2.68	2.89	3.32	3.91	4.70	4.91	5.07	5.06	5.61	6.59	6.66	6.19	4.81	3.66	3.43	3.34
	-4.86	-2.26	-2.10	-3.29	-4.28	-2.31	-2.61	-3.80	0.00	-0.02	-0.02	-0.08	-0.03	-3.25	-5.50	-8.93	-5.55	-2.20	0.00	-0.01	0.01	0.01	-0.01	-0.01
RAVENSWOOD_GT_1	48.55	40.80	38.37	35.29	34.06	33.35	32.02	33.28	34.23	36.58	38.82	42.69	49.61	54.05	57.15	62.16	65.54	76.64	84.08	83.54	72.56	61.89	53.27	47.99
23729	3.53	2.92	2.53	2.23	2.13	2.27	2.20	2.36	2.74	2.99	3.43	3.91	4.79	4.95	5.12	5.01	5.55	6.52	6.66	6.19	4.81	3.72	3.53	3.47
	-4.87	-2.27	-2.11	-3.29	-4.29	-2.31	-2.61	-3.81	0.00	-0.02	-0.02	-0.08	-0.03	-3.25	-5.50	-8.93	-5.55	-2.20	0.00	-0.01	0.01	0.00	-0.01	-0.01
RAVENSWOOD_GT_10	48.34	40.61	38.23	35.16	33.91	33.20	31.87	33.17	34.10	36.42	38.64	42.61	49.43	53.91	57.06	62.11	65.49	76.57	83.93	83.38	72.42	61.72	53.08	47.81
24258	3.33	2.74	2.39	2.11	1.99	2.13	2.07	2.25	2.61	2.82	3.25	3.83	4.61	4.81	5.03	4.97	5.50	6.45	6.50	6.03	4.68	3.55	3.33	3.29
	-4.86	-2.26	-2.10	-3.28	-4.28	-2.30	-2.60	-3.80	0.00	-0.02	-0.02	-0.08	-0.03	-3.25	-5.50	-8.93	-5.55	-2.20	0.00	-0.01	0.01	0.01	-0.01	-0.01
RAVENSWOOD_GT_11	48.34	40.61	38.23	35.16	33.91	33.20	31.87	33.17	34.10	36.42	38.64	42.61	49.43	53.91	57.06	62.11	65.49	76.57	83.93	83.38	72.42	61.72	53.08	47.81
24259	3.33	2.74	2.39	2.11	1.99	2.13	2.07	2.25	2.61	2.82	3.25	3.83	4.61	4.81	5.03	4.97	5.50	6.45	6.50	6.03	4.68	3.55	3.33	3.29
	-4.86	-2.26	-2.10	-3.28	-4.28	-2.30	-2.60	-3.80	0.00	-0.02	-0.02	-0.08	-0.03	-3.25	-5.50	-8.93	-5.55	-2.20	0.00	-0.01	0.01	0.01	-0.01	-0.01
RAVENSWOOD_GT_4	48.39	40.69	38.27	35.20	33.94	33.24	31.94	33.20	34.13	36.45	38.68	42.61	49.48	53.91	57.06	62.11	65.49	76.57	83.93	83.38	72.42	61.77	53.13	47.85
24252	3.37	2.81	2.43	2.14	2.02	2.16	2.12	2.28	2.65	2.85	3.29	3.83	4.66	4.81	5.03	4.97	5.50	6.45	6.50	6.03	4.68	3.61	3.38	3.34
	-4.87	-2.27	-2.11	-3.29	-4.28	-2.31	-2.61	-3.81	0.00	-0.02	-0.01	-0.08	-0.03	-3.25	-5.50	-8.93	-5.55	-2.20	0.00	-0.01	0.01	0.01	-0.01	-0.01
RAVENSWOOD_GT_5	48.39	40.69	38.27	35.20	33.94	33.24	31.94	33.20	34.13	36.45	38.68	42.61	49.48	53.91	57.06	62.11	65.49	76.57	83.93	83.38	72.42	61.77	53.13	47.85
24254	3.37	2.81	2.43	2.14	2.02	2.16	2.12	2.28	2.65	2.85	3.29	3.83	4.66	4.81	5.03	4.97	5.50	6.45	6.50	6.03	4.68	3.61	3.38	3.34
	-4.87	-2.27	-2.11	-3.29	-4.28	-2.31	-2.61	-3.81	0.00	-0.02	-0.01	-0.08	-0.03	-3.25	-5.50	-8.93	-5.55	-2.20	0.00	-0.01	0.01	0.01	-0.01	-0.01
RAVENSWOOD_GT_6	48.39	40.69	38.27	35.20	33.94	33.24	31.94	33.20	34.13	36.45	38.68	42.61	49.48	53.91	57.06	62.11	65.49	76.57	83.93	83.38	72.42	61.77	53.13	47.85
24253	3.37	2.81	2.43	2.14	2.02	2.16	2.12	2.28	2.65	2.85	3.29	3.83	4.66	4.81	5.03	4.97	5.50	6.45	6.50	6.03	4.68	3.61	3.38	3.34
	-4.87	-2.27	-2.11	-3.29	-4.28	-2.31	-2.61	-3.81	0.00	-0.02	-0.01	-0.08	-0.03	-3.25	-5.50	-8.93	-5.55	-2.20	0.00	-0.01	0.01	0.01	-0.01	-0.01

RAVENSWOOD_GT_7 24255	48.39 3.37 -4.87	40.69 2.81 -2.27	38.27 2.43 -2.11	35.20 2.14 -3.29	33.94 2.02 -4.28	33.24 2.16 -2.31	31.94 2.12 -2.61	33.20 2.28 -3.81	34.13 2.65 0.00	36.45 2.85 -0.02	38.68 3.29 -0.01	42.61 3.83 -0.08	49.48 4.66 -0.03	53.91 4.81 -3.25	57.06 5.03 -5.50	62.11 4.97 -8.93	65.49 5.50 -5.55	76.57 6.45 -2.20	83.93 6.50 0.00	83.38 6.03 -0.01	72.42 4.68 0.01	61.77 3.61 0.01	53.13 3.38 -0.01	47.85 3.34 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	48.34 3.33 -4.86	40.61 2.74 -2.26	38.23 2.39 -2.10	35.16 2.11 -3.28	33.91 1.99 -4.28	33.20 2.13 -2.30	31.87 2.07 -2.60	33.17 2.25 -3.80	34.10 2.61 0.00	36.42 2.82 -0.02	38.64 3.25 -0.02	42.61 3.83 -0.08	49.43 4.61 -0.03	53.91 4.81 -3.25	57.06 5.03 -5.50	62.11 4.97 -8.93	65.49 5.50 -5.55	76.57 6.45 -2.20	83.93 6.50 0.00	83.38 6.03 -0.01	72.42 4.68 0.01	61.72 3.55 0.01	53.08 3.33 -0.01	47.81 3.29 -0.01
RAVENSWOOD_GT_9 24257	48.34 3.33 -4.86	40.61 2.74 -2.26	38.23 2.39 -2.10	35.16 2.11 -3.28	33.91 1.99 -4.28	33.20 2.13 -2.30	31.87 2.07 -2.60	33.17 2.25 -3.80	34.10 2.61 0.00	36.42 2.82 -0.02	38.64 3.25 -0.02	42.61 3.83 -0.08	49.43 4.61 -0.03	53.91 4.81 -3.25	57.06 5.03 -5.50	62.11 4.97 -8.93	65.49 5.50 -5.55	76.57 6.45 -2.20	83.93 6.50 0.00	83.38 6.03 -0.01	72.42 4.68 0.01	61.72 3.55 0.01	53.08 3.33 -0.01	47.81 3.29 -0.01
RAVENSWOOD___1 23533	48.51 3.49 -4.87	40.76 2.88 -2.27	38.37 2.53 -2.11	35.29 2.23 -3.29	34.03 2.10 -4.28	33.35 2.27 -2.31	32.02 2.20 -2.61	33.28 2.36 -3.81	34.26 2.77 0.00	36.72 3.12 -0.02	38.78 3.40 -0.02	42.73 3.95 -0.08	49.61 4.79 -0.03	54.00 4.91 -3.25	57.10 5.07 -5.50	62.16 5.01 -8.93	65.48 5.50 -5.55	76.44 6.32 -2.20	84.08 6.66 0.00	83.54 6.19 -0.01	72.42 4.67 0.01	61.83 3.67 0.01	53.17 3.43 -0.01	47.94 3.43 -0.01
RAVENSWOOD___2 23534	48.51 3.49 -4.87	40.76 2.88 -2.27	38.34 2.50 -2.11	35.26 2.20 -3.29	34.03 2.10 -4.28	33.33 2.25 -2.31	32.02 2.20 -2.61	33.26 2.33 -3.81	34.26 2.77 0.00	36.69 3.09 -0.02	38.78 3.40 -0.02	42.73 3.95 -0.08	49.61 4.79 -0.03	54.00 4.91 -3.25	57.10 5.07 -5.50	62.16 5.01 -8.93	65.48 5.50 -5.55	76.44 6.32 -2.20	84.08 6.66 0.00	83.46 6.11 -0.01	72.42 4.67 0.01	61.83 3.67 0.01	53.17 3.43 -0.01	47.94 3.43 -0.01
RAVENSWOOD___3 23535	48.34 3.33 -4.86	40.61 2.74 -2.26	38.23 2.39 -2.10	35.16 2.11 -3.29	33.91 1.99 -4.28	33.23 2.16 -2.31	31.90 2.09 -2.61	33.17 2.25 -3.80	34.13 2.65 0.00	36.58 2.99 -0.02	38.64 3.25 -0.02	42.65 3.87 -0.08	49.48 4.66 -0.03	53.91 4.81 -3.25	57.01 4.98 -5.50	62.11 4.97 -8.93	65.48 5.50 -5.55	76.44 6.32 -2.20	84.00 6.58 0.00	83.39 6.04 -0.01	72.36 4.61 0.01	61.72 3.55 0.01	53.08 3.33 -0.01	47.81 3.29 -0.01
RAVENSWOOD___4 23820	48.47 3.45 -4.87	40.76 2.88 -2.27	38.33 2.50 -2.11	35.26 2.20 -3.29	34.03 2.10 -4.28	33.32 2.25 -2.31	31.99 2.18 -2.61	33.26 2.33 -3.81	34.23 2.74 0.00	36.69 3.09 -0.02	38.75 3.36 -0.01	42.69 3.91 -0.08	49.56 4.75 -0.03	53.95 4.86 -3.25	57.10 5.07 -5.50	62.11 4.97 -8.93	65.48 5.50 -5.55	76.44 6.32 -2.20	84.08 6.66 0.00	83.46 6.11 -0.01	72.42 4.67 0.01	61.83 3.67 0.01	53.17 3.43 -0.01	47.94 3.43 -0.01
RCPL_TRUST___DRP 24196	48.38 3.37 -4.86	40.68 2.81 -2.26	38.26 2.43 -2.10	35.19 2.14 -3.29	33.94 2.02 -4.28	33.23 2.16 -2.31	31.90 2.09 -2.61	33.19 2.28 -3.80	34.17 2.68 0.00	36.48 2.89 -0.01	38.71 3.32 -0.01	42.71 3.95 -0.06	49.51 4.70 -0.02	53.28 4.95 -2.49	55.90 5.16 -4.21	60.20 5.16 -6.84	64.40 5.72 -4.24	76.33 6.72 -1.68	84.08 6.66 0.00	83.61 6.26 -0.01	72.56 4.81 0.01	61.83 3.66 0.01	53.17 3.43 -0.01	47.90 3.38 -0.01
RED___ROCHESTER 323720	38.21 -2.33 -0.40	33.68 -2.10 -0.18	32.19 -1.79 -0.25	28.48 -1.67 -0.39	26.88 -1.27 -0.51	27.60 -1.44 -0.27	26.14 -1.36 -0.30	26.02 -1.41 -0.31	29.98 -1.51 0.00	31.60 -1.98 0.00	33.63 -1.73 0.01	35.07 -2.32 1.31	39.22 -2.69 2.89	40.35 -2.75 2.75	40.91 -2.89 2.73	42.93 -2.70 2.58	48.59 -2.39 3.46	59.07 -2.79 6.06	68.01 -3.56 5.85	70.84 -2.71 3.78	61.88 -2.17 3.71	54.14 -1.86 2.17	46.01 -1.99 1.73	41.59 -1.74 1.18
REGAN___SOLAR 323812	49.10 2.37 -6.59	40.70 2.03 -3.06	38.43 1.85 -2.85	35.76 1.55 -4.45	34.95 1.52 -5.79	33.47 1.58 -3.12	32.04 1.31 -3.53	33.32 1.06 -5.14	32.37 0.88 0.00	34.22 0.64 0.00	35.73 0.35 0.00	39.05 0.35 0.00	45.10 0.32 0.00	46.17 0.32 0.00	47.09 0.56 0.00	48.98 0.77 0.00	55.75 1.30 0.00	69.96 2.04 0.00	80.83 3.40 0.00	81.20 3.87 0.00	71.61 3.86 0.01	61.42 3.26 0.01	52.36 2.63 0.01	46.91 2.40 0.00
RENSSELAER___COGEN 23796	47.25 1.12 -5.98	39.38 1.00 -2.78	37.36 1.05 -2.59	34.73 0.92 -4.04	33.79 0.88 -5.26	32.49 0.89 -2.84	31.25 0.84 -3.20	32.60 0.81 -4.67	32.24 0.75 0.00	34.35 0.77 0.00	36.15 0.78 0.00	39.67 0.97 0.00	45.82 1.03 0.00	46.94 1.10 0.00	47.70 1.16 0.00	49.23 1.01 0.00	55.59 1.15 0.00	68.94 1.02 0.00	78.36 0.93 0.00	77.95 0.62 0.00	68.36 0.61 0.00	58.75 0.58 0.00	50.23 0.50 0.00	45.22 0.71 0.00
REPUBLIC_115KV_BARTNBRK 55605	51.19 4.86 -6.19	42.72 4.24 -2.88	40.25 3.85 -2.68	37.19 3.24 -4.18	36.27 3.18 -5.44	34.98 3.28 -2.94	33.43 2.91 -3.31	34.72 2.77 -4.83	34.45 2.96 0.00	36.67 3.09 0.00	38.34 2.97 0.00	42.03 3.33 0.00	48.51 3.72 0.00	49.42 3.58 0.00	50.25 3.72 0.00	52.16 3.95 0.00	59.67 5.23 0.00	74.78 6.86 0.00	86.33 8.90 0.00	86.00 8.66 0.00	75.95 8.20 0.00	65.04 6.86 0.00	55.20 5.47 0.00	49.45 4.94 0.00
REVERE_CPPR_DRP 24186	40.98 0.60 -0.24	36.25 0.53 -0.11	34.40 0.57 -0.10	30.43 0.51 -0.16	28.35 0.50 -0.21	29.43 0.55 -0.11	27.82 0.49 -0.13	27.74 0.43 -0.19	31.99 0.50 0.00	34.15 0.57 0.00	35.76 0.39 0.00	39.09 0.46 0.07	44.94 0.40 0.25	45.88 0.32 0.28	46.45 0.23 0.32	48.17 0.29 0.33	54.54 0.54 0.45	68.04 0.88 0.76	78.52 1.63 0.53	79.09 2.09 0.34	69.21 1.90 0.44	59.57 1.51 0.12	50.86 1.24 0.12	45.57 1.11 0.05
REYNLDPA_13_KV_LD 356490	39.87 -0.28 0.00	35.43 -0.18 0.00	33.49 -0.23 0.00	29.61 -0.15 0.00	27.39 -0.25 0.00	28.57 -0.20 0.00	26.98 -0.22 0.00	26.93 -0.19 0.00	31.24 -0.25 0.00	33.35 -0.23 0.00	35.13 -0.25 0.00	38.43 -0.27 0.00	44.52 -0.27 0.00	45.53 -0.32 0.00	46.16 -0.37 0.00	47.97 -0.24 0.00	53.51 -0.93 0.00	67.11 -0.81 0.00	76.65 -0.77 0.00	76.80 -0.54 0.00	67.42 -0.34 0.00	57.82 -0.35 0.00	49.98 0.25 0.00	44.60 0.09 0.00
REYNOLDS_115KV_TB3 80639	47.62 1.49 -5.99	39.74 1.35 -2.79	37.64 1.32 -2.59	34.94 1.13 -4.05	33.99 1.08 -5.27	32.70 1.09 -2.84	31.45 1.03 -3.21	32.77 0.98 -4.68	32.56 1.07 0.00	34.49 0.91 0.00	36.47 1.10 0.00	39.98 1.28 0.00	46.18 1.39 0.00	47.31 1.47 0.00	48.07 1.54 0.00	49.66 1.45 0.00	56.07 1.63 0.00	69.55 1.63 0.00	78.97 1.55 0.00	78.50 1.16 0.00	68.97 1.22 0.00	59.28 1.11 0.00	50.63 0.90 0.00	45.53 1.02 0.00

RIVERBAY____ 323610	49.39 4.38 -4.87	41.54 3.67 -2.27	39.08 3.24 -2.11	35.88 2.83 -3.29	34.58 2.65 -4.28	33.87 2.79 -2.31	32.48 2.67 -2.61	33.74 2.82 -3.81	34.70 3.21 0.00	37.07 3.49 0.00	39.35 3.96 -0.02	43.27 4.49 -0.08	50.28 5.46 -0.03	54.73 5.64 -3.25	57.66 5.82 -5.31	54.26 5.74 -0.31	60.96 6.37 -0.15	75.58 7.61 -0.06	85.24 7.82 0.00	84.70 7.35 -0.01	73.51 5.76 0.01	62.82 4.65 0.01	53.97 4.23 -0.01	48.79 4.27 -0.01
RIVERSIDE_115KV_TB3 55908	47.34 1.20 -5.99	39.49 1.10 -2.78	37.47 1.15 -2.59	34.79 0.98 -4.05	33.85 0.94 -5.27	32.56 0.95 -2.84	31.31 0.90 -3.21	32.66 0.87 -4.68	32.34 0.85 0.00	34.28 0.71 0.00	36.22 0.85 0.00	39.71 1.01 0.00	45.91 1.12 0.00	47.04 1.19 0.00	47.79 1.26 0.00	49.32 1.11 0.00	55.69 1.25 0.00	69.07 1.15 0.00	78.51 1.08 0.00	78.03 0.70 0.00	68.50 0.75 0.00	58.87 0.70 0.00	50.28 0.55 0.00	45.31 0.80 0.00
ROARING____BROOK_WT_PWR 323790	39.34 -0.80 0.00	34.97 -0.64 0.00	33.15 -0.57 0.00	29.35 -0.42 0.00	27.28 -0.36 0.00	28.42 -0.34 0.00	26.90 -0.30 0.00	26.82 -0.30 0.00	31.14 -0.35 0.00	33.21 -0.37 0.00	34.98 -0.39 0.00	38.24 -0.46 0.00	44.30 -0.49 0.00	45.30 -0.55 0.00	45.98 -0.56 0.00	47.68 -0.53 0.00	53.84 -0.60 0.00	67.31 -0.61 0.00	76.80 -0.62 0.00	76.87 -0.46 0.00	67.42 -0.34 0.00	57.82 -0.35 0.00	49.49 -0.25 0.00	44.24 -0.27 0.00
ROCHESRG_115KV_T4 355643	37.78 -2.73 -0.37	33.35 -2.42 -0.16	31.89 -2.09 -0.25	28.19 -1.96 -0.39	26.63 -1.52 -0.51	27.31 -1.73 -0.27	25.90 -1.60 -0.30	25.75 -1.65 -0.29	29.66 -1.83 0.00	31.90 -1.68 0.00	33.20 -2.16 0.01	34.39 -2.86 1.44	38.45 -3.22 3.11	39.57 -3.35 2.93	40.16 -3.49 2.88	42.24 -3.28 2.69	47.79 -3.05 3.60	57.24 -4.35 6.33	66.58 -4.65 6.20	69.54 -3.87 3.93	60.69 -3.25 3.82	53.17 -2.79 2.21	45.19 -2.79 1.76	41.04 -2.27 1.20
ROCHESTER_9_IC 23652	38.10 -2.45 -0.41	33.58 -2.21 -0.18	32.09 -1.89 -0.25	28.39 -1.76 -0.39	26.79 -1.35 -0.51	27.51 -1.52 -0.27	26.09 -1.41 -0.30	25.94 -1.49 -0.32	29.88 -1.61 0.00	32.14 -1.44 0.00	33.49 -1.87 0.01	34.93 -2.52 1.25	39.13 -2.87 2.80	40.19 -2.98 2.68	40.74 -3.12 2.68	42.78 -2.89 2.54	48.43 -2.61 3.40	58.23 -3.74 5.96	67.76 -3.95 5.71	70.52 -3.09 3.73	61.51 -2.57 3.67	53.87 -2.15 2.15	45.67 -2.34 1.72	41.42 -1.91 1.17
ROCKVIEW_13_KV_LD 356306	48.18 3.17 -4.86	40.50 2.63 -2.26	38.12 2.29 -2.10	35.07 2.02 -3.29	33.83 1.91 -4.28	33.09 2.01 -2.31	31.79 1.99 -2.61	33.03 2.12 -3.80	34.01 2.52 0.00	36.27 2.69 0.00	38.52 3.15 0.00	42.41 3.72 0.00	49.27 4.48 0.00	50.57 4.72 0.00	51.46 4.93 0.00	53.08 4.87 0.00	59.83 5.39 0.00	74.30 6.38 0.00	83.77 6.35 0.00	83.29 5.95 0.00	72.29 4.54 0.01	61.66 3.49 0.01	52.96 3.23 0.01	47.62 3.12 0.00
ROME____115KV_TB2 80656	40.98 0.60 -0.24	36.25 0.53 -0.11	34.40 0.57 -0.10	30.43 0.51 -0.16	28.35 0.50 -0.21	29.43 0.55 -0.11	27.82 0.49 -0.13	27.74 0.43 -0.19	31.99 0.50 0.00	34.15 0.57 0.00	35.76 0.39 0.00	39.09 0.46 0.07	44.94 0.40 0.25	45.88 0.32 0.28	46.45 0.23 0.32	48.17 0.29 0.33	54.54 0.54 0.45	68.04 0.88 0.76	78.52 1.63 0.53	79.09 2.09 0.34	69.21 1.90 0.44	59.57 1.51 0.12	50.86 1.24 0.12	45.57 1.11 0.05
ROSETON____1 23587	47.53 2.57 -4.81	39.98 2.14 -2.24	37.66 1.85 -2.08	34.65 1.64 -3.25	33.39 1.52 -4.23	32.69 1.64 -2.28	31.38 1.60 -2.58	32.59 1.71 -3.76	33.51 2.02 0.00	35.83 2.25 0.00	37.85 2.48 0.00	41.68 2.98 0.00	48.37 3.58 0.00	49.56 3.71 0.00	50.39 3.86 0.00	52.02 3.81 0.00	58.63 4.19 0.00	72.67 4.75 0.00	82.30 4.88 0.00	81.82 4.48 0.00	71.07 3.32 0.01	60.79 2.62 0.01	52.11 2.39 0.01	46.91 2.40 0.00
ROSETON____2 23588	47.53 2.57 -4.81	39.98 2.14 -2.24	37.66 1.85 -2.08	34.65 1.64 -3.25	33.39 1.52 -4.23	32.69 1.64 -2.28	31.38 1.60 -2.58	32.59 1.71 -3.76	33.51 2.02 0.00	35.83 2.25 0.00	37.85 2.48 0.00	41.68 2.98 0.00	48.37 3.58 0.00	49.56 3.71 0.00	50.39 3.86 0.00	52.02 3.81 0.00	58.63 4.19 0.00	72.67 4.75 0.00	82.30 4.88 0.00	81.82 4.48 0.00	71.07 3.32 0.01	60.79 2.62 0.01	52.11 2.39 0.01	46.91 2.40 0.00
ROTTDRAM_115KV_TB3 80664	47.80 1.41 -6.25	39.72 1.21 -2.91	37.55 1.11 -2.70	34.94 0.95 -4.23	34.05 0.91 -5.50	32.68 0.95 -2.97	31.42 0.87 -3.35	32.81 0.81 -4.88	32.40 0.91 0.00	34.42 0.84 0.00	36.26 0.88 0.00	39.71 1.01 0.00	45.95 1.16 0.00	47.04 1.19 0.00	47.83 1.30 0.00	49.51 1.30 0.00	55.97 1.52 0.00	69.69 1.77 0.00	79.44 2.01 0.00	79.11 1.78 0.00	69.45 1.69 0.00	59.63 1.45 0.00	50.98 1.24 0.00	45.71 1.20 0.00
RUSSELL____1 23602	38.21 -2.33 -0.40	33.68 -2.10 -0.18	32.19 -1.79 -0.25	28.48 -1.67 -0.39	26.88 -1.27 -0.51	27.60 -1.44 -0.27	26.17 -1.33 -0.30	26.02 -1.41 -0.31	29.97 -1.51 0.00	32.24 -1.34 0.00	33.63 -1.73 0.01	35.07 -2.32 1.31	39.26 -2.64 2.89	40.35 -2.75 2.75	40.91 -2.88 2.73	42.93 -2.70 2.58	48.59 -2.40 3.46	58.46 -3.40 6.06	68.01 -3.56 5.85	70.77 -2.78 3.78	61.81 -2.24 3.71	54.14 -1.86 2.17	45.91 -2.09 1.73	41.59 -1.74 1.18
RUSSELL____2 23532	38.21 -2.33 -0.40	33.68 -2.10 -0.18	32.19 -1.79 -0.25	28.48 -1.67 -0.39	26.88 -1.27 -0.51	27.60 -1.44 -0.27	26.17 -1.33 -0.30	26.02 -1.41 -0.31	29.97 -1.51 0.00	32.24 -1.34 0.00	33.63 -1.73 0.01	35.07 -2.32 1.31	39.26 -2.64 2.89	40.35 -2.75 2.75	40.91 -2.88 2.73	42.93 -2.70 2.58	48.59 -2.40 3.46	58.46 -3.40 6.06	68.01 -3.56 5.85	70.77 -2.78 3.78	61.81 -2.24 3.71	54.14 -1.86 2.17	45.91 -2.09 1.73	41.59 -1.74 1.18
RUSSELL____3 23549	38.21 -2.33 -0.40	33.68 -2.10 -0.18	32.19 -1.79 -0.25	28.48 -1.67 -0.39	26.88 -1.27 -0.51	27.60 -1.44 -0.27	26.17 -1.33 -0.30	26.02 -1.41 -0.31	29.97 -1.51 0.00	32.24 -1.34 0.00	33.63 -1.73 0.01	35.07 -2.32 1.31	39.26 -2.64 2.89	40.35 -2.75 2.75	40.91 -2.88 2.73	42.93 -2.70 2.58	48.59 -2.40 3.46	58.46 -3.40 6.06	68.01 -3.56 5.85	70.77 -2.78 3.78	61.81 -2.24 3.71	54.14 -1.86 2.17	45.91 -2.09 1.73	41.59 -1.74 1.18
RUSSELL____4 23556	38.21 -2.33 -0.40	33.68 -2.10 -0.18	32.19 -1.79 -0.25	28.48 -1.67 -0.39	26.88 -1.27 -0.51	27.60 -1.44 -0.27	26.17 -1.33 -0.30	26.02 -1.41 -0.31	29.97 -1.51 0.00	32.24 -1.34 0.00	33.63 -1.73 0.01	35.07 -2.32 1.31	39.26 -2.64 2.89	40.35 -2.75 2.75	40.91 -2.88 2.73	42.93 -2.70 2.58	48.59 -2.40 3.46	58.46 -3.40 6.06	68.01 -3.56 5.85	70.77 -2.78 3.78	61.81 -2.24 3.71	54.14 -1.86 2.17	45.91 -2.09 1.73	41.59 -1.74 1.18
RUSSELL____STATION 23914	38.21 -2.33 -0.40	33.68 -2.10 -0.18	32.19 -1.79 -0.25	28.48 -1.67 -0.39	26.88 -1.27 -0.51	27.60 -1.44 -0.27	26.17 -1.33 -0.30	26.02 -1.41 -0.31	29.97 -1.51 0.00	32.24 -1.34 0.00	33.63 -1.73 0.01	35.07 -2.32 1.31	39.26 -2.64 2.89	40.35 -2.75 2.75	40.91 -2.88 2.73	42.93 -2.70 2.58	48.59 -2.40 3.46	58.46 -3.40 6.06	68.01 -3.56 5.85	70.77 -2.78 3.78	61.81 -2.24 3.71	54.14 -1.86 2.17	45.91 -2.09 1.73	41.59 -1.74 1.18

S SALMON___HYD 24043	39.81 -0.68 -0.35	35.20 -0.57 -0.16	33.48 -0.40 -0.15	29.61 -0.39 -0.24	27.67 -0.28 -0.31	28.64 -0.29 -0.17	27.06 -0.33 -0.19	27.04 -0.35 -0.27	31.08 -0.41 0.00	33.11 -0.47 0.00	34.70 -0.67 0.00	37.96 -0.85 -0.11	44.04 -1.12 -0.37	45.03 -1.24 -0.42	45.70 -1.30 -0.47	47.44 -1.25 -0.49	53.79 -1.31 -0.66	67.56 -1.49 -1.13	77.58 -1.24 -1.39	78.08 -0.70 -1.44	68.46 -0.47 -1.17	59.11 -0.47 -1.40	50.38 -0.45 -1.09	44.98 -0.40 -0.87
S.PERRY___115KV_TB1 80734	42.48 -1.77 -4.10	35.97 -1.64 -2.00	32.71 -1.35 -0.33	29.02 -1.25 -0.51	27.45 -0.86 -0.66	28.12 -1.01 -0.36	26.62 -1.01 -0.43	28.99 -1.33 -3.20	29.99 -1.54 -0.04	32.07 -1.51 0.00	33.45 -2.09 -0.16	50.80 -2.59 -14.70	63.77 -2.91 -21.89	58.64 -2.93 -15.73	54.82 -3.02 -11.31	52.48 -2.89 -7.16	60.92 -2.61 -9.09	82.78 -2.99 -17.84	104.60 -1.86 -29.03	85.27 -0.77 -8.71	71.29 -0.27 -3.81	58.11 -0.29 -0.23	47.41 -0.94 1.38	42.87 -0.76 0.88
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.86 -4.98 0.31	30.99 -4.45 0.17	30.03 -3.95 -0.25	26.49 -3.66 -0.39	25.08 -3.07 -0.50	25.70 -3.34 -0.27	24.49 -3.10 -0.39	23.70 -3.17 0.24	28.04 -3.43 0.01	30.36 -3.22 0.00	31.47 -3.86 0.05	29.74 -4.14 4.82	31.96 -4.66 8.17	34.45 -4.77 6.62	35.94 -4.98 5.61	38.45 -5.21 4.56	42.85 -5.61 5.99	50.29 -6.79 10.84	57.82 -6.89 12.71	63.60 -7.42 6.31	55.60 -6.91 5.25	49.51 -5.99 2.67	42.34 -5.57 1.83	38.96 -4.50 1.06
SAWYER___23_KV_LOAD 55526	34.86 -4.98 0.31	30.99 -4.45 0.17	30.03 -3.95 -0.25	26.49 -3.66 -0.39	25.08 -3.07 -0.50	25.70 -3.34 -0.27	24.49 -3.10 -0.39	23.70 -3.17 0.24	28.04 -3.43 0.01	30.36 -3.22 0.00	31.47 -3.86 0.05	29.74 -4.14 4.82	31.96 -4.66 8.17	34.45 -4.77 6.62	35.94 -4.98 5.61	38.45 -5.21 4.56	42.85 -5.61 5.99	50.29 -6.79 10.84	57.82 -6.89 12.71	63.60 -7.42 6.31	55.60 -6.91 5.25	49.51 -5.99 2.67	42.34 -5.57 1.83	38.96 -4.50 1.06
SELKIRK___I 23801	47.41 1.37 -5.90	39.56 1.21 -2.74	37.46 1.18 -2.55	34.76 1.01 -3.99	33.80 0.97 -5.19	32.54 0.98 -2.80	31.26 0.90 -3.16	32.57 0.84 -4.61	32.31 0.82 0.00	34.42 0.84 0.00	36.19 0.81 0.00	39.67 0.97 0.00	45.86 1.07 0.00	46.94 1.10 0.00	47.74 1.21 0.00	49.32 1.11 0.00	55.75 1.30 0.00	69.21 1.29 0.00	78.97 1.55 0.00	78.73 1.39 0.00	69.04 1.28 0.00	59.33 1.16 0.00	50.73 0.99 0.00	45.62 1.11 0.00
SELKIRK___II 23799	47.21 1.12 -5.94	39.36 1.00 -2.76	37.28 0.98 -2.57	34.64 0.86 -4.02	33.70 0.83 -5.23	32.42 0.83 -2.82	31.17 0.79 -3.18	32.52 0.76 -4.64	32.28 0.79 0.00	34.38 0.80 0.00	36.22 0.85 0.00	39.70 1.00 0.00	45.91 1.12 0.00	46.99 1.15 0.00	47.74 1.21 0.00	49.32 1.11 0.00	55.69 1.25 0.00	69.07 1.15 0.00	78.59 1.16 0.00	78.19 0.85 0.00	68.57 0.82 0.00	58.93 0.75 0.00	50.33 0.60 0.00	45.31 0.80 0.00
SENECA OSWGO___HYD 24041	39.37 -1.17 -0.39	34.79 -1.00 -0.18	33.09 -0.81 -0.17	29.25 -0.77 -0.26	27.35 -0.63 -0.34	28.26 -0.69 -0.18	26.73 -0.68 -0.21	26.71 -0.71 -0.30	30.73 -0.76 0.00	32.74 -0.84 0.00	34.42 -0.95 0.00	37.73 -1.28 -0.31	44.32 -1.52 -1.05	45.52 -1.51 -1.19	46.28 -1.58 -1.33	48.05 -1.54 -1.38	54.62 -1.69 -1.87	68.96 -2.18 -3.21	78.30 -2.48 -3.36	78.32 -2.16 -3.15	68.75 -1.83 -2.82	59.31 -1.63 -2.76	50.48 -1.44 -2.19	44.89 -1.29 -1.68
SENECA___115KV_TB3 355854	34.97 -4.86 0.31	31.09 -4.35 0.17	30.09 -3.91 -0.27	26.61 -3.57 -0.42	25.12 -3.07 -0.54	25.78 -3.28 -0.30	24.54 -3.07 -0.41	23.73 -3.15 0.24	28.20 -3.28 0.01	30.49 -3.09 0.00	31.71 -3.61 0.05	30.06 -3.56 5.08	32.21 -4.03 8.55	34.94 -4.03 6.87	36.58 -4.19 5.76	38.84 -4.77 4.60	42.91 -5.50 6.04	50.68 -6.25 10.99	58.98 -5.34 13.11	64.04 -6.96 6.34	56.12 -6.44 5.20	49.87 -5.70 2.61	42.71 -5.27 1.75	39.08 -4.41 1.02
SENECA___ENERGY 23797	40.66 -0.64 -1.15	35.55 -0.61 -0.55	33.58 -0.44 -0.29	29.76 -0.45 -0.45	27.92 -0.30 -0.58	28.74 -0.34 -0.31	27.21 -0.35 -0.36	27.58 -0.43 -0.90	31.12 -0.38 -0.01	33.21 -0.37 0.00	34.90 -0.50 -0.02	40.28 -0.62 -2.20	47.40 -0.76 -3.38	47.61 -0.74 -2.50	47.66 -0.75 -1.87	48.71 -0.77 -1.27	55.37 -0.71 -1.64	70.31 -0.75 -3.14	82.45 0.00 -5.02	79.62 0.15 -2.13	69.16 0.20 -1.20	59.10 0.00 -0.93	49.92 -0.30 -0.48	44.64 -0.31 -0.44
SHOEMAKER___GT 23640	46.70 2.13 -4.43	39.44 1.78 -2.06	37.16 1.52 -1.92	34.09 1.34 -2.99	32.81 1.27 -3.90	32.25 1.38 -2.10	30.91 1.33 -2.37	31.99 1.41 -3.46	33.12 1.64 0.00	35.39 1.81 0.00	37.39 2.02 0.00	41.14 2.44 0.00	47.70 2.91 0.00	48.87 3.03 0.00	49.74 3.21 0.00	51.39 3.18 0.00	57.93 3.49 0.00	71.93 4.01 0.00	81.68 4.26 0.00	81.20 3.87 0.00	70.73 2.98 0.01	60.43 2.27 0.01	51.77 2.04 0.01	46.56 2.05 0.00
SHOEMAKR_138KV_BK 111 55601	46.67 2.13 -4.40	39.43 1.78 -2.05	37.15 1.52 -1.90	34.10 1.37 -2.97	32.78 1.27 -3.87	32.20 1.35 -2.09	30.89 1.33 -2.36	31.96 1.41 -3.44	33.13 1.64 0.00	35.33 1.75 0.00	37.42 2.05 0.00	41.14 2.44 0.00	47.74 2.96 0.00	48.92 3.07 0.00	49.79 3.26 0.00	51.39 3.18 0.00	57.98 3.54 0.00	72.06 4.14 0.00	81.68 4.26 0.00	81.20 3.87 0.00	70.73 2.98 0.01	60.43 2.27 0.01	51.77 2.04 0.01	46.56 2.05 0.00
SHOREHAM_IC_1 23715	49.06 4.05 -4.86	41.53 3.67 -2.26	38.97 3.14 -2.10	36.00 2.95 -3.29	34.49 2.57 -4.28	33.92 2.85 -2.31	32.45 2.64 -2.61	33.74 2.82 -3.80	35.43 3.94 -0.01	44.92 4.16 -7.18	45.29 3.93 -6.00	48.90 4.30 -5.91	50.33 5.15 -0.40	52.40 5.59 -0.97	53.58 5.82 -1.23	59.27 5.73 -5.32	71.30 6.42 -10.44	81.81 7.00 -6.90	93.79 6.27 -10.10	91.36 5.57 -8.46	71.48 3.72 0.00	60.49 2.33 0.01	52.35 2.63 0.01	48.25 3.74 0.00
SHOREHAM_IC_2 23716	49.06 4.05 -4.86	41.53 3.67 -2.26	38.97 3.14 -2.10	36.00 2.95 -3.29	34.49 2.57 -4.28	33.92 2.85 -2.31	32.45 2.64 -2.61	33.74 2.82 -3.80	35.43 3.94 -0.01	44.92 4.16 -7.18	45.29 3.93 -6.00	48.90 4.30 -5.91	50.33 5.15 -0.40	52.40 5.59 -0.97	53.58 5.82 -1.23	59.27 5.73 -5.32	71.30 6.42 -10.44	81.81 7.00 -6.90	93.79 6.27 -10.10	91.36 5.57 -8.46	71.48 3.72 0.00	60.49 2.33 0.01	52.35 2.63 0.01	48.25 3.74 0.00
SISSONVILLE____ 23735	39.62 -0.52 0.00	35.21 -0.39 0.00	33.29 -0.44 0.00	29.46 -0.30 0.00	27.28 -0.36 0.00	28.48 -0.29 0.00	26.90 -0.30 0.00	26.79 -0.33 0.00	31.05 -0.44 0.00	33.18 -0.40 0.00	34.81 -0.57 0.00	38.23 -0.46 0.00	44.12 -0.67 0.00	45.06 -0.78 0.00	45.65 -0.88 0.00	47.44 -0.77 0.00	53.46 -0.98 0.00	67.24 -0.68 0.00	77.19 -0.23 0.00	77.65 0.31 0.00	68.16 0.41 0.00	58.52 0.35 0.00	50.13 0.40 0.00	44.69 0.18 0.00
SITHE_IND_GS1 24169	38.96 -1.48 -0.30	34.53 -1.21 -0.14	32.81 -1.05 -0.13	29.01 -0.95 -0.21	27.11 -0.80 -0.27	28.05 -0.86 -0.14	26.55 -0.82 -0.16	26.51 -0.84 -0.24	30.54 -0.94 0.00	32.54 -1.04 0.00	34.17 -1.20 0.00	34.14 -1.59 2.97	32.81 -1.84 10.14	32.56 -1.88 11.40	31.80 -1.91 12.82	32.97 -1.93 13.31	34.36 -2.07 18.01	34.36 -2.65 30.91	46.58 -3.10 27.74	51.25 -2.86 23.23	42.18 -2.44 23.14	38.76 -2.15 17.26	33.70 -1.89 14.14	32.70 -1.69 10.12

SITHE_IND_GS2 24170	38.96 -1.48 -0.30	34.53 -1.21 -0.14	32.81 -1.05 -0.13	29.01 -0.95 -0.21	27.11 -0.80 -0.27	28.05 -0.86 -0.14	26.55 -0.82 -0.16	26.51 -0.84 -0.24	30.54 -0.94 0.00	32.54 -1.04 0.00	34.17 -1.20 0.00	34.14 -1.59 2.97	32.81 -1.84 10.14	32.56 -1.88 11.40	31.80 -1.91 12.82	32.97 -1.93 13.31	34.36 -2.07 18.01	34.36 -2.65 30.91	46.58 -3.10 27.74	51.25 -2.86 23.23	42.18 -2.44 23.14	38.76 -2.15 17.26	33.70 -1.89 14.14	32.70 -1.69 10.12
SITHE_IND_GS3 24171	38.96 -1.48 -0.30	34.53 -1.21 -0.14	32.81 -1.05 -0.13	29.01 -0.95 -0.21	27.11 -0.80 -0.27	28.05 -0.86 -0.14	26.55 -0.82 -0.16	26.51 -0.84 -0.24	30.54 -0.94 0.00	32.54 -1.04 0.00	34.17 -1.20 0.00	34.14 -1.59 2.97	32.81 -1.84 10.14	32.56 -1.88 11.40	31.80 -1.91 12.82	32.97 -1.93 13.31	34.36 -2.07 18.01	34.36 -2.65 30.91	46.58 -3.10 27.74	51.25 -2.86 23.23	42.18 -2.44 23.14	38.76 -2.15 17.26	33.70 -1.89 14.14	32.70 -1.69 10.12
SITHE_IND_GS4 24172	38.96 -1.48 -0.30	34.53 -1.21 -0.14	32.81 -1.05 -0.13	29.01 -0.95 -0.21	27.11 -0.80 -0.27	28.05 -0.86 -0.14	26.55 -0.82 -0.16	26.51 -0.84 -0.24	30.54 -0.94 0.00	32.54 -1.04 0.00	34.17 -1.20 0.00	34.14 -1.59 2.97	32.81 -1.84 10.14	32.56 -1.88 11.40	31.80 -1.91 12.82	32.97 -1.93 13.31	34.36 -2.07 18.01	34.36 -2.65 30.91	46.58 -3.10 27.74	51.25 -2.86 23.23	42.18 -2.44 23.14	38.76 -2.15 17.26	33.70 -1.89 14.14	32.70 -1.69 10.12
SITHE___BATAVIA 24024	36.42 -3.78 -0.05	32.20 -3.42 -0.01	30.97 -3.00 -0.25	27.41 -2.74 -0.38	25.90 -2.24 -0.50	26.56 -2.47 -0.27	25.24 -2.31 -0.35	24.69 -2.47 -0.04	28.83 -2.64 0.01	30.46 -3.12 0.00	32.23 -3.11 0.03	32.28 -3.33 3.09	35.40 -3.81 5.58	37.19 -3.94 4.71	38.17 -4.19 4.18	40.68 -4.00 3.53	45.84 -3.92 4.68	55.17 -4.35 8.40	63.07 -4.88 9.48	68.00 -4.33 5.00	59.03 -4.27 4.46	51.98 -3.78 2.41	44.22 -3.73 1.78	40.33 -3.07 1.11
SITHE___INDEPEND 23800	38.96 -1.49 -0.30	34.53 -1.21 -0.14	32.81 -1.05 -0.13	29.01 -0.95 -0.21	27.11 -0.80 -0.27	28.05 -0.86 -0.14	26.55 -0.82 -0.16	26.51 -0.84 -0.24	30.54 -0.94 0.00	32.64 -0.94 0.00	34.17 -1.20 0.00	34.14 -1.59 2.97	32.81 -1.84 10.14	32.56 -1.88 11.40	31.80 -1.91 12.82	32.97 -1.93 13.31	34.36 -2.07 18.01	34.29 -2.72 30.91	46.58 -3.10 27.74	51.25 -2.86 23.23	42.11 -2.51 23.14	38.76 -2.15 17.26	33.70 -1.89 14.14	32.70 -1.69 10.12
SITHE___MASSENA 23902	39.87 -0.28 0.00	35.43 -0.18 0.00	33.49 -0.23 0.00	29.61 -0.15 0.00	27.42 -0.22 0.00	28.60 -0.17 0.00	27.01 -0.19 0.00	26.93 -0.19 0.00	31.24 -0.25 0.00	33.35 -0.23 0.00	35.09 -0.28 0.00	38.39 -0.31 0.00	44.48 -0.31 0.00	45.48 -0.37 0.00	46.11 -0.42 0.00	47.92 -0.29 0.00	53.95 -0.49 0.00	67.72 -0.20 0.00	77.50 0.08 0.00	77.65 0.31 0.00	68.10 0.34 0.00	58.46 0.29 0.00	50.13 0.40 0.00	44.69 0.18 0.00
SITHE___OGDNSBRG 24021	40.23 0.08 0.00	35.78 0.18 0.00	33.83 0.10 0.00	29.94 0.18 0.00	27.67 0.03 0.00	28.88 0.12 0.00	27.26 0.05 0.00	27.09 -0.03 0.00	31.33 -0.16 0.00	33.41 -0.17 0.00	35.05 -0.32 0.00	38.51 -0.19 0.00	44.39 -0.40 0.00	45.34 -0.50 0.00	45.93 -0.60 0.00	47.78 -0.43 0.00	53.84 -0.60 0.00	67.78 -0.14 0.00	77.96 0.54 0.00	78.57 1.24 0.00	69.04 1.29 0.00	59.28 1.11 0.00	50.78 1.04 0.00	45.27 0.76 0.00
SITHE___STERLING 23777	40.87 0.44 -0.28	36.13 0.39 -0.13	34.29 0.44 -0.12	30.34 0.39 -0.19	28.27 0.39 -0.25	29.30 0.40 -0.13	27.70 0.35 -0.15	27.63 0.30 -0.22	31.84 0.35 0.00	33.98 0.40 0.00	35.62 0.25 0.00	38.92 0.31 0.09	44.75 0.27 0.31	45.68 0.18 0.35	46.28 0.14 0.39	48.00 0.19 0.41	54.27 0.38 0.55	67.58 0.61 0.95	77.83 1.08 0.67	78.29 1.39 0.44	68.48 1.28 0.56	59.05 1.05 0.17	50.36 0.79 0.17	45.19 0.76 0.08
SLEIGHT__34_KV_TB1 80719	38.73 -1.97 -0.55	34.12 -1.74 -0.26	32.49 -1.48 -0.24	28.74 -1.40 -0.38	27.06 -1.08 -0.50	27.83 -1.21 -0.27	26.35 -1.14 -0.29	26.33 -1.22 -0.43	30.20 -1.29 0.00	32.37 -1.21 0.00	33.82 -1.56 0.00	36.23 -2.09 0.37	41.15 -2.37 1.27	41.95 -2.48 1.42	42.33 -2.61 1.59	44.10 -2.46 1.65	49.92 -2.29 2.23	60.82 -3.26 3.84	71.02 -3.25 3.15	72.38 -2.55 2.40	63.07 -2.10 2.59	54.87 -1.80 1.50	46.52 -1.94 1.27	42.01 -1.65 0.85
SOUTH CAIRO___GT 23612	47.80 1.93 -5.73	39.94 1.67 -2.66	37.83 1.62 -2.48	35.03 1.40 -3.87	34.01 1.33 -5.04	32.84 1.35 -2.72	31.52 1.25 -3.07	32.68 1.08 -4.47	32.72 1.23 0.00	34.59 1.01 0.00	36.54 1.17 0.00	40.01 1.32 0.00	46.36 1.57 0.00	47.49 1.65 0.00	48.39 1.86 0.00	50.09 1.88 0.00	56.78 2.34 0.00	71.04 3.12 0.00	81.53 4.10 0.00	81.20 3.87 0.00	71.28 3.52 0.00	61.14 2.97 0.00	51.97 2.24 0.00	46.65 2.14 0.00
SOUTH HAMPTN___IC 23720	49.15 4.14 -4.86	41.57 3.70 -2.26	39.00 3.17 -2.10	36.09 3.04 -3.29	34.60 2.68 -4.28	34.04 2.96 -2.31	32.55 2.75 -2.61	33.90 2.98 -3.80	35.72 4.22 -0.01	45.32 4.57 -7.17	45.75 4.39 -6.00	49.48 4.88 -5.91	50.97 5.78 -0.40	53.09 6.28 -0.97	54.27 6.51 -1.23	59.97 6.51 -5.26	71.82 7.30 -10.08	82.85 8.15 -6.78	94.79 7.43 -9.93	92.38 6.72 -8.32	72.36 4.61 0.00	61.07 2.91 0.01	52.50 2.78 0.01	48.34 3.83 0.00
SOUTHDOW__115KV_TB1 355954	35.80 -4.54 -0.19	31.55 -4.13 -0.08	30.22 -3.81 -0.30	26.90 -3.33 -0.47	25.32 -2.93 -0.61	26.05 -3.05 -0.33	24.85 -2.80 -0.44	24.42 -2.85 -0.15	28.71 -2.77 0.01	30.99 -2.59 0.00	32.44 -2.90 0.03	33.27 -2.32 3.11	36.71 -2.60 5.48	38.72 -2.57 4.56	39.85 -2.70 3.98	41.11 -3.76 3.34	45.24 -4.79 4.41	56.20 -3.80 7.92	66.54 -2.09 8.79	67.45 -5.18 4.71	58.52 -5.08 4.15	51.23 -4.71 2.23	43.33 -4.77 1.63	39.60 -3.96 0.95
SOUTHOLD_69_KV_BK 2 55809	49.06 4.05 -4.86	41.50 3.63 -2.26	38.90 3.07 -2.10	36.05 3.01 -3.29	34.63 2.71 -4.28	34.04 2.96 -2.31	32.47 2.67 -2.61	34.06 3.15 -3.80	35.91 4.41 -0.01	45.52 4.77 -7.17	46.18 4.81 -6.00	49.75 5.15 -5.91	51.37 6.18 -0.40	53.55 6.74 -0.97	54.79 7.03 -1.23	60.51 7.04 -5.26	72.53 8.00 -10.08	84.08 9.37 -6.78	95.64 8.28 -9.93	93.16 7.50 -8.32	73.31 5.56 0.00	61.42 3.26 0.01	52.55 2.83 0.01	48.20 3.69 0.00
SOUTHOLD___IC 23719	49.06 4.05 -4.86	41.50 3.63 -2.26	38.90 3.07 -2.10	36.05 3.00 -3.29	34.63 2.71 -4.28	34.04 2.96 -2.31	32.55 2.75 -2.61	33.98 3.06 -3.80	35.94 4.44 -0.01	45.66 4.90 -7.17	46.07 4.71 -6.00	49.79 5.19 -5.91	51.37 6.18 -0.40	53.55 6.74 -0.97	54.79 7.03 -1.23	60.51 7.04 -5.26	72.53 8.01 -10.08	83.67 8.96 -6.78	95.64 8.29 -9.93	93.24 7.58 -8.32	72.97 5.22 0.00	61.41 3.26 0.01	52.50 2.78 0.01	48.20 3.69 0.00
SOUTH_FORK_WT_PWR 323839	48.62 3.61 -4.86	41.11 3.24 -2.26	38.53 2.70 -2.10	35.78 2.74 -3.29	34.38 2.46 -4.28	33.78 2.70 -2.31	32.34 2.53 -2.61	33.82 2.90 -3.80	35.78 4.28 -0.01	45.45 4.70 -7.17	45.86 4.49 -6.00	49.52 4.92 -5.91	50.97 5.78 -0.40	53.14 6.33 -0.97	54.37 6.60 -1.23	60.07 6.61 -5.26	72.04 7.52 -10.08	83.06 8.35 -6.78	94.94 7.59 -9.93	92.53 6.88 -8.32	72.42 4.67 0.00	60.84 2.68 0.01	51.91 2.19 0.01	47.72 3.21 0.00

SPIERFLS_115KV_TB 1 80737	49.19 2.85 -6.20	40.98 2.49 -2.88	38.63 2.23 -2.68	35.85 1.90 -4.19	34.95 1.85 -5.45	33.60 1.90 -2.94	32.23 1.71 -3.32	33.58 1.63 -4.84	33.28 1.79 0.00	35.33 1.75 0.00	37.00 1.63 0.00	40.52 1.82 0.00	46.80 2.02 0.00	47.72 1.88 0.00	48.58 2.05 0.00	50.33 2.12 0.00	57.43 2.99 0.00	71.72 3.80 0.00	82.30 4.88 0.00	81.90 4.56 0.00	72.02 4.27 0.00	61.84 3.66 0.00	52.67 2.93 0.00	47.22 2.72 0.00
ST LAWRENCE____ 23600	39.62 -0.52 0.00	35.14 -0.46 0.00	33.26 -0.47 0.00	29.41 -0.36 0.00	27.23 -0.41 0.00	28.36 -0.38 0.00	26.82 -0.38 0.00	26.74 -0.38 0.00	31.02 -0.47 0.00	33.11 -0.47 0.00	34.91 -0.46 0.00	38.19 -0.50 0.00	44.25 -0.54 0.00	45.30 -0.55 0.00	45.93 -0.61 0.00	47.68 -0.53 0.00	53.73 -0.71 0.00	67.37 -0.55 0.00	76.96 -0.46 0.00	77.03 -0.31 0.00	67.55 -0.20 0.00	58.00 -0.17 0.00	49.68 -0.05 0.00	44.29 -0.22 0.00
STATE_CA_115KV_115_LB 55624	47.56 1.36 -6.05	39.63 1.21 -2.81	37.59 1.25 -2.62	34.92 1.07 -4.09	33.99 1.02 -5.32	32.67 1.04 -2.87	31.42 0.98 -3.24	32.76 0.92 -4.73	32.40 0.91 0.00	34.39 0.81 0.00	36.33 0.96 0.00	39.82 1.12 0.00	46.04 1.25 0.00	47.17 1.33 0.00	47.93 1.40 0.00	49.51 1.30 0.00	55.86 1.42 0.00	69.41 1.49 0.00	78.89 1.47 0.00	78.50 1.16 0.00	68.84 1.08 0.00	59.16 0.99 0.00	50.53 0.80 0.00	45.49 0.98 0.00
STATE_ST_34_KV_LOAD 55959	40.44 -0.56 -0.86	35.51 -0.50 -0.40	33.66 -0.34 -0.27	29.83 -0.36 -0.42	27.95 -0.25 -0.55	28.78 -0.29 -0.30	27.24 -0.30 -0.34	27.43 -0.35 -0.67	31.18 -0.31 0.00	33.31 -0.27 0.00	34.96 -0.42 -0.01	39.05 -0.66 -1.01	45.58 -0.76 -1.55	46.21 -0.78 -1.14	46.60 -0.79 -0.86	48.03 -0.77 -0.59	54.54 -0.65 -0.75	68.48 -0.88 -1.44	79.45 -0.46 -2.49	78.45 -0.15 -1.27	68.40 -0.07 -0.72	58.86 -0.12 -0.81	49.89 -0.35 -0.51	44.60 -0.36 -0.45
STATION 5_MISC_HYD 23604	38.10 -2.45 -0.41	33.58 -2.21 -0.18	32.09 -1.89 -0.25	28.39 -1.76 -0.39	26.80 -1.35 -0.51	27.49 -1.55 -0.27	26.09 -1.42 -0.30	25.94 -1.49 -0.32	29.88 -1.60 0.00	31.46 -2.11 0.00	33.49 -1.88 0.01	34.93 -2.51 1.25	39.08 -2.91 2.80	40.23 -2.93 2.68	40.74 -3.12 2.68	42.78 -2.89 2.54	48.37 -2.67 3.40	58.84 -3.12 5.96	67.77 -3.95 5.71	70.51 -3.10 3.73	61.58 -2.51 3.67	53.87 -2.15 2.15	45.77 -2.24 1.72	41.42 -1.91 1.17
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.47 -2.09 -0.41	33.94 -1.85 -0.19	32.38 -1.59 -0.24	28.68 -1.46 -0.37	27.00 -1.13 -0.49	27.73 -1.29 -0.26	26.29 -1.20 -0.29	26.19 -1.25 -0.32	30.16 -1.32 0.00	32.37 -1.21 0.00	33.77 -1.59 0.01	35.53 -2.13 1.04	40.00 -2.46 2.32	41.05 -2.57 2.23	41.65 -2.65 2.23	43.59 -2.51 2.11	49.26 -2.34 2.84	59.69 -3.26 4.97	69.26 -3.41 4.76	71.52 -2.71 3.11	62.46 -2.24 3.06	54.46 -1.92 1.79	46.26 -2.04 1.44	41.84 -1.69 0.98
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.97 -2.57 -0.39	33.50 -2.28 -0.18	32.02 -1.96 -0.24	28.33 -1.82 -0.38	26.70 -1.44 -0.50	27.42 -1.61 -0.27	26.00 -1.50 -0.30	25.85 -1.57 -0.31	29.79 -1.70 0.00	32.03 -1.54 0.00	33.38 -1.98 0.01	34.78 -2.63 1.28	38.99 -2.96 2.85	40.06 -3.07 2.72	40.61 -3.21 2.71	42.61 -3.04 2.56	48.18 -2.83 3.43	57.90 -4.01 6.02	67.45 -4.18 5.79	70.17 -3.40 3.76	61.22 -2.85 3.69	53.57 -2.44 2.16	45.47 -2.54 1.73	41.24 -2.09 1.18
STA_56____34_KV_BUS2 355983	37.97 -2.57 -0.39	33.50 -2.28 -0.18	32.02 -1.96 -0.24	28.33 -1.82 -0.38	26.70 -1.44 -0.50	27.42 -1.61 -0.27	26.00 -1.50 -0.30	25.85 -1.57 -0.31	29.79 -1.70 0.00	32.03 -1.54 0.00	33.38 -1.98 0.01	34.78 -2.63 1.28	38.99 -2.96 2.85	40.06 -3.07 2.72	40.61 -3.21 2.71	42.61 -3.04 2.56	48.18 -2.83 3.43	57.90 -4.01 6.02	67.45 -4.18 5.79	70.17 -3.40 3.76	61.22 -2.85 3.69	53.57 -2.44 2.16	45.47 -2.54 1.73	41.24 -2.09 1.18
STA_67____115KV_BK2 355882	38.03 -2.53 -0.41	33.55 -2.24 -0.19	32.05 -1.92 -0.25	28.36 -1.79 -0.39	26.77 -1.38 -0.51	27.49 -1.55 -0.27	26.06 -1.44 -0.30	25.92 -1.52 -0.32	29.82 -1.67 0.00	32.07 -1.51 0.00	33.42 -1.95 0.01	34.87 -2.59 1.24	39.11 -2.91 2.77	40.16 -3.03 2.66	40.66 -3.21 2.66	42.70 -2.99 2.52	48.33 -2.72 3.39	58.12 -3.87 5.93	67.65 -4.10 5.67	70.38 -3.25 3.71	61.39 -2.71 3.66	53.76 -2.27 2.14	45.57 -2.44 1.72	41.38 -1.96 1.17
STA_7____115KV_9TRANS 80674	38.21 -2.33 -0.40	33.68 -2.10 -0.18	32.19 -1.79 -0.25	28.48 -1.67 -0.39	26.88 -1.27 -0.51	27.60 -1.44 -0.27	26.17 -1.33 -0.30	26.02 -1.41 -0.31	29.97 -1.51 0.00	32.24 -1.34 0.00	33.63 -1.73 0.01	35.07 -2.32 1.31	39.26 -2.64 2.89	40.35 -2.75 2.75	40.91 -2.88 2.73	42.93 -2.70 2.58	48.59 -2.40 3.46	58.46 -3.40 6.06	68.01 -3.56 5.85	70.77 -2.78 3.78	61.81 -2.24 3.71	54.14 -1.86 2.17	45.91 -2.09 1.73	41.59 -1.74 1.18
STA_82____115KV_TB1 80780	37.99 -2.57 -0.41	33.51 -2.28 -0.19	32.02 -1.96 -0.25	28.31 -1.85 -0.39	26.74 -1.41 -0.51	27.43 -1.61 -0.27	26.01 -1.50 -0.30	25.87 -1.57 -0.32	29.79 -1.70 0.00	32.03 -1.54 0.00	33.35 -2.02 0.01	34.81 -2.67 1.22	39.04 -3.00 2.75	40.09 -3.12 2.64	40.63 -3.26 2.65	42.61 -3.09 2.51	48.24 -2.83 3.37	58.01 -4.01 5.91	67.53 -4.26 5.63	70.24 -3.40 3.70	61.26 -2.85 3.65	53.65 -2.39 2.14	45.48 -2.54 1.72	41.29 -2.05 1.17
STEEL____WIND 323596	34.93 -4.90 0.31	31.06 -4.38 0.17	30.05 -3.95 -0.27	26.61 -3.57 -0.42	25.12 -3.07 -0.54	25.76 -3.31 -0.30	24.54 -3.07 -0.41	23.70 -3.17 0.24	28.20 -3.28 0.01	30.46 -3.12 0.00	31.71 -3.61 0.05	30.06 -3.56 5.08	32.16 -4.08 8.55	34.89 -4.08 6.87	36.54 -4.23 5.76	38.79 -4.82 4.60	42.85 -5.55 6.04	50.61 -6.31 10.99	58.98 -5.34 13.11	63.96 -7.04 6.34	56.12 -6.44 5.20	49.87 -5.70 2.61	42.67 -5.32 1.75	39.08 -4.41 1.02
STEPHTWN_115KV_BK_2 55603	47.57 1.45 -5.98	39.67 1.28 -2.78	37.63 1.32 -2.59	34.93 1.13 -4.04	33.98 1.08 -5.26	32.70 1.09 -2.84	31.41 1.01 -3.20	32.76 0.98 -4.67	32.46 0.98 0.00	34.45 0.87 0.00	36.40 1.03 0.00	39.90 1.20 0.00	46.13 1.34 0.00	47.27 1.42 0.00	48.02 1.49 0.00	49.61 1.40 0.00	56.02 1.58 0.00	69.62 1.70 0.00	79.13 1.70 0.00	78.73 1.39 0.00	69.11 1.36 0.00	59.34 1.16 0.00	50.68 0.94 0.00	45.62 1.11 0.00
STEUBEN_REC_LFGE 323667	40.58 -2.89 -3.32	34.62 -2.60 -1.61	31.89 -2.26 -0.42	28.37 -2.05 -0.66	26.84 -1.66 -0.86	27.45 -1.78 -0.46	26.10 -1.66 -0.56	27.84 -1.87 -2.60	29.57 -1.95 -0.03	31.73 -1.85 0.00	33.26 -2.23 -0.11	46.70 -2.24 -10.25	57.50 -2.60 -15.31	54.26 -2.61 -11.03	51.84 -2.65 -7.96	50.29 -2.99 -5.07	57.62 -3.27 -6.45	77.43 -3.12 -12.64	96.46 -1.55 -20.59	81.71 -2.01 -6.38	68.99 -1.63 -2.86	57.01 -1.63 -0.47	47.06 -1.94 0.74	42.47 -1.65 0.39
STILLWATER____SOLAR 323814	48.64 2.33 -6.17	40.54 2.06 -2.87	38.25 1.85 -2.67	35.51 1.58 -4.17	34.62 1.55 -5.43	33.24 1.55 -3.30	31.92 1.41 -3.30	33.29 1.36 -4.82	32.94 1.45 0.00	35.09 1.51 0.00	36.79 1.42 0.00	40.32 1.63 0.00	46.53 1.75 0.00	47.59 1.74 0.00	48.44 1.91 0.00	50.14 1.93 0.00	56.89 2.45 0.00	70.84 2.92 0.00	80.91 3.49 0.00	80.51 3.17 0.00	70.81 3.05 0.00	60.85 2.68 0.00	51.87 2.14 0.00	46.56 2.05 0.00

STONY___BROOK 24151	49.02 4.01 -4.86	41.46 3.59 -2.26	38.93 3.10 -2.10	35.93 2.89 -3.29	34.43 2.52 -4.28	33.86 2.79 -2.31	32.39 2.59 -2.61	33.65 2.74 -3.80	35.28 3.78 -0.01	44.89 4.13 -7.18	45.47 4.10 -6.00	49.33 4.72 -5.91	50.78 5.60 -0.40	52.64 5.82 -0.97	53.78 6.00 -1.24	59.88 5.98 -5.70	73.58 6.69 -12.44	83.23 7.74 -7.58	95.18 6.66 -11.09	92.50 5.87 -9.29	71.96 4.20 0.00	61.01 2.85 0.01	52.40 2.68 0.01	48.25 3.74 0.00
STURGEON_POOL_HYD 23609	47.87 2.81 -4.91	40.20 2.31 -2.28	37.81 1.96 -2.12	34.81 1.73 -3.32	33.57 1.60 -4.32	32.82 1.73 -2.33	31.55 1.71 -2.63	32.75 1.79 -3.84	33.72 2.24 0.00	35.93 2.35 0.00	38.17 2.79 0.00	42.03 3.33 0.00	48.82 4.03 0.00	50.11 4.26 0.00	51.00 4.47 0.00	52.65 4.44 0.00	59.39 4.95 0.00	73.90 5.98 0.00	83.62 6.19 0.00	83.06 5.72 0.00	72.15 4.40 0.01	61.54 3.37 0.01	52.76 3.03 0.01	47.40 2.89 0.00
ST_LAW_115_BK7_LBMP 345037	39.58 -0.56 0.00	35.14 -0.46 0.00	33.26 -0.47 0.00	29.37 -0.39 0.00	27.23 -0.41 0.00	28.36 -0.40 0.00	26.80 -0.41 0.00	26.74 -0.38 0.00	30.98 -0.51 0.00	33.08 -0.50 0.00	34.88 -0.50 0.00	38.16 -0.54 0.00	44.21 -0.58 0.00	45.25 -0.60 0.00	45.88 -0.65 0.00	47.63 -0.58 0.00	53.63 -0.82 0.00	67.31 -0.61 0.00	76.88 -0.54 0.00	76.95 -0.38 0.00	67.49 -0.27 0.00	57.94 -0.23 0.00	49.68 -0.05 0.00	44.29 -0.22 0.00
ST_LAW_115_BK8_LBMP 345038	39.58 -0.56 0.00	35.14 -0.46 0.00	33.26 -0.47 0.00	29.37 -0.39 0.00	27.23 -0.41 0.00	28.36 -0.40 0.00	26.80 -0.41 0.00	26.74 -0.38 0.00	30.98 -0.51 0.00	33.08 -0.50 0.00	34.88 -0.50 0.00	38.16 -0.54 0.00	44.21 -0.58 0.00	45.25 -0.60 0.00	45.88 -0.65 0.00	47.63 -0.58 0.00	53.63 -0.82 0.00	67.31 -0.61 0.00	76.88 -0.54 0.00	76.95 -0.38 0.00	67.49 -0.27 0.00	57.94 -0.23 0.00	49.68 -0.05 0.00	44.29 -0.22 0.00
ST_LAW_230_BK5_LBMP 345035	39.62 -0.52 0.00	35.14 -0.46 0.00	33.26 -0.47 0.00	29.41 -0.36 0.00	27.23 -0.41 0.00	28.36 -0.40 0.00	26.82 -0.38 0.00	26.74 -0.38 0.00	31.02 -0.47 0.00	33.11 -0.47 0.00	34.91 -0.46 0.00	38.19 -0.50 0.00	44.25 -0.54 0.00	45.30 -0.55 0.00	45.93 -0.61 0.00	47.68 -0.53 0.00	53.73 -0.71 0.00	67.37 -0.55 0.00	76.96 -0.46 0.00	77.03 -0.31 0.00	67.55 -0.20 0.00	58.00 -0.17 0.00	49.68 -0.05 0.00	44.29 -0.22 0.00
ST_LAW_230_BK6_LBMP 345036	39.62 -0.52 0.00	35.14 -0.46 0.00	33.26 -0.47 0.00	29.41 -0.36 0.00	27.23 -0.41 0.00	28.36 -0.40 0.00	26.82 -0.38 0.00	26.74 -0.38 0.00	31.02 -0.47 0.00	33.11 -0.47 0.00	34.91 -0.46 0.00	38.19 -0.50 0.00	44.25 -0.54 0.00	45.30 -0.55 0.00	45.93 -0.61 0.00	47.68 -0.53 0.00	53.73 -0.71 0.00	67.37 -0.55 0.00	76.96 -0.46 0.00	77.03 -0.31 0.00	67.55 -0.20 0.00	58.00 -0.17 0.00	49.68 -0.05 0.00	44.29 -0.22 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	47.09 2.41 -4.53	39.71 1.99 -2.11	37.41 1.72 -1.96	34.34 1.52 -3.06	33.06 1.44 -3.98	32.44 1.52 -2.15	31.13 1.50 -2.43	32.26 1.60 -3.54	33.35 1.86 0.00	35.56 1.98 0.00	37.74 2.37 0.00	41.49 2.79 0.00	48.19 3.40 0.00	49.42 3.58 0.00	50.25 3.72 0.00	51.88 3.66 0.00	58.52 4.08 0.00	72.67 4.75 0.00	82.22 4.80 0.00	81.74 4.41 0.00	71.14 3.39 0.01	60.73 2.56 0.01	52.06 2.34 0.01	46.82 2.31 0.00
SWANROAD_115KV_TB1 355699	34.14 -5.86 0.14	30.29 -5.23 0.08	29.32 -4.65 -0.25	25.86 -4.29 -0.38	24.51 -3.62 -0.49	25.09 -3.94 -0.27	23.93 -3.65 -0.37	23.27 -3.74 0.11	27.35 -4.13 0.01	29.62 -3.96 0.00	30.63 -4.70 0.04	29.93 -4.68 4.09	32.42 -5.29 7.08	34.44 -5.59 5.81	35.59 -5.96 4.99	38.55 -5.59 4.06	43.23 -5.83 5.39	50.50 -7.67 9.74	57.31 -8.52 11.59	63.67 -7.97 5.70	54.24 -8.60 4.91	48.21 -7.39 2.57	41.14 -6.76 1.83	38.00 -5.43 1.08
SYNERGY___BIOGAS 323694	36.42 -3.77 -0.05	32.20 -3.42 -0.01	30.97 -3.00 -0.25	27.41 -2.74 -0.38	25.90 -2.24 -0.50	26.59 -2.45 -0.27	25.24 -2.31 -0.35	24.69 -2.47 -0.04	28.83 -2.65 0.01	31.06 -2.52 0.00	32.23 -3.11 0.03	32.28 -3.33 3.09	35.45 -3.76 5.58	37.19 -3.94 4.71	38.17 -4.19 4.18	40.68 -4.00 3.53	45.89 -3.87 4.68	54.56 -4.96 8.40	63.07 -4.88 9.48	68.08 -4.25 5.00	58.89 -4.40 4.46	51.98 -3.78 2.41	44.12 -3.83 1.78	40.32 -3.07 1.11
SYRACUSE___ENERGY_ST1 323597	40.00 -0.64 -0.50	35.30 -0.53 -0.23	33.57 -0.37 -0.22	29.71 -0.39 -0.34	27.80 -0.28 -0.44	28.69 -0.32 -0.24	27.14 -0.33 -0.27	27.15 -0.35 -0.39	31.17 -0.31 0.00	33.31 -0.27 0.00	34.91 -0.46 0.00	38.00 -0.70 0.00	43.98 -0.81 0.00	45.02 -0.83 0.00	45.65 -0.88 0.00	47.39 -0.82 0.00	53.62 -0.82 0.00	66.70 -1.22 0.00	76.65 -1.16 -0.39	77.08 -0.85 -0.60	67.34 -0.75 -0.33	58.32 -0.64 -0.79	49.62 -0.70 -0.59	44.39 -0.62 -0.51
SYRACUSE___ENERGY_ST2 323598	40.00 -0.64 -0.50	35.30 -0.53 -0.23	33.57 -0.37 -0.22	29.71 -0.39 -0.34	27.80 -0.28 -0.44	28.69 -0.32 -0.24	27.14 -0.33 -0.27	27.15 -0.35 -0.39	31.17 -0.31 0.00	33.31 -0.27 0.00	34.91 -0.46 0.00	38.00 -0.70 0.00	43.98 -0.81 0.00	45.02 -0.83 0.00	45.65 -0.88 0.00	47.39 -0.82 0.00	53.62 -0.82 0.00	66.70 -1.22 0.00	76.65 -1.16 -0.39	77.08 -0.85 -0.60	67.34 -0.75 -0.33	58.32 -0.64 -0.79	49.62 -0.70 -0.59	44.39 -0.62 -0.51
SYRACUSE___POWER 24017	39.98 -0.68 -0.52	35.28 -0.57 -0.24	33.51 -0.44 -0.22	29.67 -0.45 -0.35	27.77 -0.33 -0.46	28.64 -0.37 -0.25	27.10 -0.38 -0.28	27.12 -0.41 -0.41	31.11 -0.38 0.00	33.24 -0.34 0.00	34.88 -0.50 0.00	37.84 -0.74 0.13	43.51 -0.85 0.43	44.49 -0.87 0.49	45.10 -0.88 0.55	46.78 -0.87 0.57	52.80 -0.87 0.77	65.45 -1.15 1.32	75.42 -1.16 0.84	75.94 -0.93 0.46	66.25 -0.81 0.69	57.43 -0.70 0.04	48.90 -0.75 0.09	43.86 -0.67 -0.02
TALLMAN__138KV_BK151 55660	47.54 2.73 -4.67	40.02 2.24 -2.17	37.70 1.96 -2.02	34.64 1.73 -3.15	33.35 1.60 -4.10	32.70 1.73 -2.21	31.39 1.69 -2.50	32.61 1.84 -3.64	33.63 2.14 0.00	35.86 2.28 0.00	38.06 2.69 0.00	41.91 3.21 0.00	48.69 3.90 0.00	49.92 4.08 0.00	50.81 4.28 0.00	52.41 4.19 0.00	59.07 4.63 0.00	73.29 5.37 0.00	82.84 5.42 0.00	82.28 4.95 0.00	71.48 3.73 0.01	61.02 2.85 0.01	52.36 2.64 0.01	47.14 2.63 0.00
TEALLAVE_115KV_TB7 355573	39.73 -0.84 -0.43	35.09 -0.71 -0.20	33.34 -0.57 -0.19	29.52 -0.54 -0.29	27.61 -0.41 -0.38	28.48 -0.49 -0.20	26.97 -0.46 -0.23	26.97 -0.49 -0.34	31.02 -0.47 0.00	33.14 -0.44 0.00	34.74 -0.64 0.00	37.64 -0.89 0.17	43.17 -1.03 0.59	44.12 -1.05 0.67	44.71 -1.07 0.75	46.37 -1.06 0.78	52.30 -1.09 1.05	64.62 -1.49 1.81	74.58 -1.55 1.29	75.17 -1.31 0.85	65.53 -1.15 1.07	56.84 -0.99 0.34	48.41 -0.99 0.33	43.46 -0.89 0.16
TELGRAPH_34_KV_EAST 80808	35.45 -4.66 0.04	31.41 -4.17 0.03	30.30 -3.68 -0.25	26.75 -3.39 -0.38	25.32 -2.82 -0.50	25.96 -3.08 -0.27	24.68 -2.88 -0.36	24.11 -2.98 0.03	28.23 -3.24 0.01	30.52 -3.06 0.00	31.62 -3.71 0.03	31.25 -3.91 3.54	34.14 -4.39 6.26	36.01 -4.63 5.20	37.10 -4.89 4.54	39.76 -4.68 3.77	44.71 -4.74 5.00	52.80 -6.11 9.00	60.60 -6.43 10.39	66.07 -5.95 5.32	56.93 -6.17 4.66	50.40 -5.29 2.48	42.86 -5.07 1.80	39.36 -4.05 1.10

TEMPLE___115KV_TB 2 55572	39.74 -0.84 -0.44	35.13 -0.68 -0.20	33.38 -0.54 -0.19	29.52 -0.54 -0.30	27.61 -0.41 -0.38	28.51 -0.46 -0.21	27.00 -0.44 -0.23	26.97 -0.49 -0.34	31.02 -0.47 0.00	33.14 -0.44 0.00	34.77 -0.60 0.00	37.67 -0.85 0.18	43.20 -0.99 0.60	44.16 -1.01 0.68	44.70 -1.07 0.76	46.41 -1.01 0.79	52.33 -1.03 1.07	64.65 -1.43 1.84	74.63 -1.47 1.32	75.23 -1.24 0.87	65.58 -1.08 1.09	56.82 -0.99 0.36	48.45 -0.94 0.34	43.49 -0.85 0.17
TIANA___69_KV_BK 1 55817	49.22 4.22 -4.86	41.64 3.77 -2.26	39.07 3.24 -2.10	36.08 3.04 -3.29	34.60 2.68 -4.28	34.04 2.96 -2.31	32.47 2.67 -2.61	33.95 3.04 -3.80	35.62 4.13 -0.01	45.12 4.37 -7.17	45.76 4.39 -6.00	49.37 4.76 -5.91	50.92 5.73 -0.40	53.00 6.19 -0.97	54.23 6.47 -1.23	59.88 6.41 -5.26	71.71 7.19 -10.08	83.13 8.42 -6.78	94.71 7.36 -9.93	92.15 6.50 -8.32	72.56 4.81 0.00	61.07 2.91 0.01	52.65 2.93 0.01	48.38 3.87 0.00
TILDEN___115KV_TB1 80814	39.98 -0.68 -0.52	35.28 -0.57 -0.24	33.51 -0.44 -0.22	29.67 -0.45 -0.35	27.77 -0.33 -0.46	28.64 -0.37 -0.25	27.10 -0.38 -0.28	27.12 -0.41 -0.41	31.11 -0.38 0.00	33.24 -0.34 0.00	34.88 -0.50 0.00	37.84 -0.74 0.13	43.51 -0.85 0.43	44.49 -0.87 0.49	45.10 -0.88 0.55	46.78 -0.87 0.57	52.80 -0.87 0.77	65.45 -1.15 1.32	75.42 -1.16 0.84	75.94 -0.93 0.46	66.25 -0.81 0.69	57.43 -0.70 0.04	48.90 -0.75 0.09	43.86 -0.67 -0.02
TRIGEN___CC 323695	48.30 3.29 -4.86	40.72 2.85 -2.26	38.23 2.39 -2.10	35.25 2.20 -3.29	33.85 1.93 -4.28	33.23 2.16 -2.31	31.77 1.96 -2.61	33.14 2.22 -3.80	34.39 2.90 0.00	43.80 3.06 -7.16	44.80 3.43 -6.00	48.59 3.99 -5.91	49.98 4.79 -0.40	51.83 4.95 -1.03	53.52 5.16 -1.83	56.34 5.11 -3.02	60.58 5.72 -0.42	74.82 6.86 -0.04	83.23 5.81 0.00	82.52 5.18 0.00	71.47 3.73 0.01	60.89 2.73 0.01	52.21 2.49 0.01	47.54 3.03 0.00
TRINITY___115KV___ 4 BK 55933	47.25 1.12 -5.98	39.42 1.03 -2.78	37.40 1.08 -2.59	34.76 0.95 -4.04	33.82 0.91 -5.26	32.53 0.92 -2.84	31.25 0.84 -3.20	32.60 0.81 -4.67	32.28 0.79 0.00	34.22 0.64 0.00	36.15 0.78 0.00	39.63 0.93 0.00	45.82 1.03 0.00	46.94 1.10 0.00	47.69 1.16 0.00	49.22 1.01 0.00	55.58 1.14 0.00	68.94 1.02 0.00	78.35 0.93 0.00	77.88 0.54 0.00	68.37 0.61 0.00	58.75 0.58 0.00	50.23 0.50 0.00	45.22 0.71 0.00
UNION___PROCESSING_DRP 323587	37.98 -2.57 -0.41	33.51 -2.28 -0.18	32.02 -1.96 -0.25	28.33 -1.82 -0.39	26.74 -1.41 -0.51	27.43 -1.61 -0.27	26.04 -1.47 -0.30	25.89 -1.55 -0.32	29.79 -1.70 0.00	32.03 -1.54 0.00	33.38 -1.98 0.01	34.77 -2.67 1.25	39.00 -3.00 2.79	40.06 -3.12 2.67	40.61 -3.26 2.67	42.60 -3.09 2.53	48.22 -2.83 3.39	57.98 -4.01 5.94	67.47 -4.26 5.69	70.22 -3.40 3.71	61.26 -2.85 3.65	53.65 -2.39 2.14	45.53 -2.49 1.72	41.30 -2.05 1.17
UPPER HUDSON___HYD 24058	49.19 2.85 -6.20	40.98 2.49 -2.88	38.63 2.23 -2.68	35.86 1.91 -4.19	34.95 1.85 -5.45	33.60 1.90 -2.94	32.24 1.71 -3.32	33.58 1.63 -4.84	33.25 1.76 0.00	35.46 1.88 0.00	37.00 1.63 0.00	40.56 1.86 0.00	46.81 2.02 0.00	47.72 1.88 0.00	48.58 2.05 0.00	50.33 2.12 0.00	57.49 3.05 0.00	71.65 3.73 0.00	82.30 4.88 0.00	81.90 4.56 0.00	72.03 4.27 0.00	61.84 3.67 0.00	52.67 2.93 0.00	47.22 2.72 0.00
UPPER RAQUET___HYD 24056	39.62 -0.52 0.00	35.21 -0.39 0.00	33.29 -0.44 0.00	29.46 -0.30 0.00	27.28 -0.36 0.00	28.48 -0.29 0.00	26.88 -0.33 0.00	26.79 -0.32 0.00	31.05 -0.44 0.00	33.14 -0.44 0.00	34.80 -0.57 0.00	38.08 -0.62 0.00	44.12 -0.67 0.00	45.06 -0.78 0.00	45.65 -0.89 0.00	47.44 -0.77 0.00	53.46 -0.98 0.00	67.24 -0.68 0.00	77.19 -0.23 0.00	77.65 0.31 0.00	68.16 0.41 0.00	58.52 0.35 0.00	50.13 0.40 0.00	44.69 0.18 0.00
VALLEY44_115KV_TB2 355964	35.32 -5.18 -0.35	31.06 -4.70 -0.16	29.59 -4.45 -0.32	26.42 -3.84 -0.49	24.69 -3.59 -0.64	25.43 -3.68 -0.35	24.18 -3.48 -0.46	23.92 -3.47 -0.28	28.18 -3.31 0.01	30.29 -3.29 0.00	31.99 -3.36 0.02	34.03 -2.13 2.54	37.87 -2.33 4.59	39.62 -2.34 3.89	40.65 -2.42 3.46	40.91 -4.34 2.96	44.31 -6.21 3.92	56.30 -4.62 7.01	67.67 -2.25 7.51	65.62 -7.50 4.22	56.67 -7.25 3.83	49.49 -6.57 2.11	42.03 -6.12 1.59	38.33 -5.25 0.93
VALLEY___115KV_TB 1-4 80826	40.67 0.52 0.00	36.00 0.39 0.00	34.07 0.34 0.00	30.06 0.30 0.00	27.92 0.28 0.00	29.08 0.32 0.00	27.50 0.30 0.00	27.42 0.30 0.00	31.87 0.38 0.00	33.98 0.40 0.00	35.73 0.35 0.00	39.12 0.43 0.00	45.19 0.40 0.00	46.17 0.32 0.00	46.86 0.33 0.00	48.50 0.29 0.00	54.93 0.49 0.00	68.53 0.61 0.00	78.27 0.85 0.00	78.26 0.93 0.00	68.57 0.81 0.00	58.93 0.76 0.00	50.43 0.70 0.00	45.27 0.76 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	43.75 1.49 -2.12	37.84 1.25 -0.99	35.82 1.18 -0.91	32.20 1.01 -1.43	30.47 0.97 -1.86	30.80 1.04 -1.00	29.29 0.95 -1.14	29.75 0.98 -1.66	32.69 1.20 0.00	34.96 1.38 0.00	36.75 1.38 0.00	40.41 1.70 -0.01	46.68 1.88 -0.01	47.64 1.79 -0.01	48.35 1.81 0.00	49.95 1.74 0.00	56.40 1.96 0.00	70.30 2.38 0.00	80.46 2.94 -0.10	80.24 2.78 -0.12	70.11 2.30 -0.05	60.23 1.92 -0.14	51.47 1.64 -0.10	46.21 1.60 -0.10
VISCHER___FERRY HYD 24020	48.12 1.89 -6.08	40.11 1.67 -2.83	37.88 1.52 -2.63	35.21 1.34 -4.11	34.27 1.27 -5.35	32.92 1.26 -2.89	31.66 1.20 -3.26	33.01 1.14 -4.75	32.75 1.26 0.00	34.89 1.31 0.00	36.64 1.27 0.00	40.17 1.47 0.00	46.40 1.61 0.00	47.49 1.65 0.00	48.30 1.77 0.00	49.90 1.69 0.00	56.46 2.02 0.00	70.03 2.11 0.00	79.74 2.32 0.00	79.19 1.85 0.00	69.65 1.89 0.00	59.92 1.74 0.00	51.12 1.39 0.00	45.89 1.38 0.00
V_A_10_SYNC_DSASP 323832	36.07 -4.18 -0.10	31.93 -3.70 -0.03	30.83 -3.20 -0.30	27.23 -3.01 -0.48	25.83 -2.43 -0.62	26.40 -2.70 -0.33	25.06 -2.48 -0.34	24.65 -2.55 -0.08	28.62 -2.87 0.01	30.89 -2.69 0.00	31.98 -3.36 0.03	31.44 -4.18 3.08	34.44 -4.75 5.60	36.23 -4.86 4.75	37.23 -5.07 4.23	39.85 -4.77 3.59	45.06 -4.63 4.75	52.83 -6.52 8.57	60.41 -7.36 9.66	65.95 -6.34 5.05	57.65 -5.76 4.34	51.06 -4.83 2.28	43.53 -4.58 1.63	39.68 -3.65 1.18
V_CMM_10_SYNC_DSASP 323787	39.70 -0.44 0.00	35.29 -0.32 0.00	33.36 -0.37 0.00	29.49 -0.27 0.00	27.31 -0.33 0.00	28.48 -0.29 0.00	26.90 -0.30 0.00	26.82 -0.30 0.00	31.11 -0.38 0.00	33.24 -0.34 0.00	35.02 -0.35 0.00	38.39 -0.31 0.00	44.39 -0.40 0.00	45.39 -0.46 0.00	46.02 -0.51 0.00	47.78 -0.43 0.00	53.57 -0.87 0.00	67.24 -0.68 0.00	76.80 -0.62 0.00	76.95 -0.39 0.00	67.48 -0.27 0.00	57.88 -0.29 0.00	49.83 0.10 0.00	44.46 -0.04 0.00
V_CMP_10_SYNC_DSASP 323788	39.70 -0.44 0.00	35.29 -0.32 0.00	33.36 -0.37 0.00	29.49 -0.27 0.00	27.34 -0.30 0.00	28.51 -0.26 0.00	26.93 -0.27 0.00	26.90 -0.22 0.00	31.24 -0.25 0.00	33.38 -0.20 0.00	35.16 -0.21 0.00	38.58 -0.12 0.00	44.65 -0.13 0.00	45.71 -0.14 0.00	46.39 -0.14 0.00	48.26 0.05 0.00	54.44 0.00 0.00	68.40 0.48 0.00	78.20 0.77 0.00	78.34 1.01 0.00	68.70 0.95 0.00	58.93 0.76 0.00	50.38 0.65 0.00	44.95 0.45 0.00

V_D_10_SYNC_DSASP 323841	39.86 -0.28 0.00	35.43 -0.18 0.00	33.49 -0.24 0.00	29.61 -0.15 0.00	27.42 -0.22 0.00	28.59 -0.17 0.00	27.01 -0.19 0.00	26.93 -0.19 0.00	31.24 -0.25 0.00	33.38 -0.20 0.00	35.12 -0.25 0.00	38.51 -0.19 0.00	44.48 -0.31 0.00	45.48 -0.37 0.00	46.11 -0.42 0.00	47.92 -0.29 0.00	53.95 -0.49 0.00	67.72 -0.20 0.00	77.50 0.08 0.00	77.65 0.31 0.00	68.09 0.34 0.00	58.46 0.29 0.00	50.13 0.40 0.00	44.69 0.18 0.00
V_E_10_SYNC_DSASP 323830	43.13 1.24 -1.74	37.52 1.10 -0.81	35.56 1.18 -0.65	31.82 1.04 -1.02	29.96 1.00 -1.32	30.54 1.06 -0.71	28.81 0.79 -0.82	29.18 0.71 -1.36	32.28 0.79 0.00	34.52 0.94 0.00	35.98 0.60 -0.01	40.45 0.77 -0.98	46.72 0.58 -1.35	46.96 0.23 -0.89	47.18 0.09 -0.55	48.60 0.14 -0.25	55.28 0.54 -0.29	70.01 1.43 -0.67	82.33 3.17 -1.73	81.45 3.63 -0.48	70.99 3.25 0.02	60.99 2.73 -0.08	51.84 2.19 0.08	46.53 2.00 -0.02
V_F_30_NSYNC___DSASP 323816	48.65 2.33 -6.18	40.54 2.07 -2.87	38.26 1.86 -2.67	35.55 1.61 -4.18	34.63 1.55 -5.44	33.28 1.58 -2.93	31.95 1.44 -3.31	33.30 1.36 -4.83	32.97 1.48 0.00	34.99 1.41 0.00	36.82 1.45 0.00	40.32 1.63 0.00	46.63 1.84 0.00	47.68 1.83 0.00	48.49 1.95 0.00	50.24 2.02 0.00	56.94 2.50 0.00	70.98 3.06 0.00	81.06 3.64 0.00	80.66 3.33 0.00	70.87 3.12 0.00	60.91 2.73 0.00	51.97 2.24 0.00	46.60 2.09 0.00
V_F_30_SYNC_DSASP 323786	47.56 1.36 -6.05	39.63 1.21 -2.81	37.59 1.25 -2.62	34.92 1.07 -4.09	33.98 1.02 -5.32	32.67 1.04 -2.87	31.42 0.98 -3.24	32.76 0.92 -4.72	32.40 0.91 0.00	34.39 0.81 0.00	36.33 0.96 0.00	39.82 1.12 0.00	46.04 1.25 0.00	47.17 1.33 0.00	47.93 1.40 0.00	49.46 1.25 0.00	55.86 1.42 0.00	69.41 1.49 0.00	78.89 1.47 0.00	78.42 1.08 0.00	68.84 1.08 0.00	59.16 0.99 0.00	50.53 0.80 0.00	45.49 0.98 0.00
V_XM_10_SYNC_DSASP 323789	39.70 -0.44 0.00	35.29 -0.32 0.00	33.36 -0.37 0.00	29.49 -0.27 0.00	27.34 -0.30 0.00	28.51 -0.26 0.00	26.93 -0.27 0.00	26.90 -0.22 0.00	31.24 -0.25 0.00	33.38 -0.20 0.00	35.16 -0.21 0.00	38.58 -0.12 0.00	44.65 -0.13 0.00	45.71 -0.14 0.00	46.39 -0.14 0.00	48.26 0.05 0.00	54.44 0.00 0.00	68.40 0.48 0.00	78.20 0.77 0.00	78.34 1.01 0.00	68.70 0.95 0.00	58.93 0.76 0.00	50.38 0.65 0.00	44.95 0.45 0.00
W.BABYLN_69_KV_BK1 56697	49.22 4.22 -4.86	41.57 3.70 -2.26	39.00 3.17 -2.10	35.96 2.92 -3.29	34.46 2.54 -4.28	33.89 2.82 -2.31	32.34 2.53 -2.61	33.76 2.85 -3.80	35.24 3.75 0.00	44.74 4.00 -7.17	45.68 4.32 -6.00	49.56 4.95 -5.91	51.10 5.91 -0.40	53.01 6.19 -0.98	54.28 6.37 -1.38	57.97 6.36 -3.40	63.40 7.13 -1.82	77.97 8.63 -1.43	87.05 7.59 -2.04	85.93 6.88 -1.71	72.69 4.95 0.01	61.71 3.55 0.01	52.90 3.18 0.01	48.47 3.96 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	47.70 2.85 -4.71	40.18 2.39 -2.19	37.82 2.06 -2.03	34.76 1.82 -3.18	33.49 1.71 -4.14	32.81 1.81 -2.23	31.52 1.80 -2.52	32.72 1.93 -3.67	33.72 2.24 0.00	35.96 2.38 0.00	38.20 2.83 0.00	42.03 3.33 0.00	48.82 4.03 0.00	50.11 4.26 0.00	50.95 4.42 0.00	52.60 4.39 0.00	59.23 4.79 0.00	73.62 5.71 0.00	83.15 5.73 0.00	82.59 5.26 0.00	71.75 4.00 0.01	61.25 3.08 0.01	52.56 2.83 0.01	47.31 2.80 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	48.38 3.37 -4.86	40.68 2.81 -2.26	38.26 2.43 -2.10	35.19 2.14 -3.29	33.94 2.02 -4.28	33.23 2.16 -2.31	31.90 2.09 -2.61	33.19 2.28 -3.80	34.17 2.68 0.00	36.48 2.89 -0.01	38.71 3.32 -0.01	42.71 3.95 -0.06	49.51 4.70 -0.02	53.28 4.95 -2.49	55.90 5.16 -4.21	60.20 5.16 -6.84	64.40 5.72 -4.24	76.33 6.72 -1.68	84.08 6.66 0.00	83.61 6.26 -0.01	72.56 4.81 0.01	61.83 3.66 0.01	53.17 3.43 -0.01	47.90 3.38 -0.01
W50THST__13_KV_LOAD 356117	48.62 3.61 -4.86	40.86 2.99 -2.26	38.43 2.60 -2.10	35.34 2.29 -3.29	34.07 2.16 -4.28	33.37 2.30 -2.31	32.07 2.26 -2.61	33.33 2.41 -3.80	34.35 2.87 0.00	36.68 3.09 -0.01	38.92 3.54 -0.01	42.94 4.18 -0.06	49.83 5.02 -0.02	53.60 5.27 -2.49	56.23 5.49 -4.21	60.54 5.50 -6.84	64.78 6.10 -4.24	76.80 7.20 -1.68	84.62 7.20 0.00	84.07 6.73 -0.01	72.97 5.22 0.01	62.18 4.01 0.01	53.47 3.73 -0.01	48.12 3.61 -0.01
WADING RIVER_IC_1 23522	49.06 4.05 -4.86	41.50 3.63 -2.26	38.97 3.14 -2.10	36.00 2.95 -3.29	34.49 2.57 -4.28	33.92 2.85 -2.31	32.45 2.64 -2.61	33.74 2.82 -3.80	35.40 3.90 -0.01	44.92 4.16 -7.17	45.26 3.89 -6.00	48.90 4.30 -5.91	50.29 5.10 -0.40	52.36 5.54 -0.97	53.58 5.82 -1.23	59.25 5.78 -5.25	70.87 6.37 -10.06	81.63 6.93 -6.78	93.46 6.11 -9.92	91.06 5.41 -8.31	71.41 3.66 0.00	60.43 2.27 0.01	52.30 2.58 0.01	48.25 3.74 0.00
WADING RIVER_IC_2 23547	49.06 4.05 -4.86	41.50 3.63 -2.26	38.97 3.14 -2.10	36.00 2.95 -3.29	34.49 2.57 -4.28	33.92 2.85 -2.31	32.45 2.64 -2.61	33.74 2.82 -3.80	35.40 3.90 -0.01	44.92 4.16 -7.17	45.26 3.89 -6.00	48.90 4.30 -5.91	50.29 5.10 -0.40	52.36 5.54 -0.97	53.58 5.82 -1.23	59.25 5.78 -5.25	70.87 6.37 -10.06	81.63 6.93 -6.78	93.46 6.11 -9.92	91.06 5.41 -8.31	71.41 3.66 0.00	60.43 2.27 0.01	52.30 2.58 0.01	48.25 3.74 0.00
WADING RIVER_IC_3 23601	49.06 4.05 -4.86	41.50 3.63 -2.26	38.97 3.14 -2.10	36.00 2.95 -3.29	34.49 2.57 -4.28	33.92 2.85 -2.31	32.45 2.64 -2.61	33.74 2.82 -3.80	35.40 3.90 -0.01	44.92 4.16 -7.17	45.26 3.89 -6.00	48.90 4.30 -5.91	50.29 5.10 -0.40	52.36 5.54 -0.97	53.58 5.82 -1.23	59.25 5.78 -5.25	70.87 6.37 -10.06	81.63 6.93 -6.78	93.46 6.11 -9.92	91.06 5.41 -8.31	71.41 3.66 0.00	60.43 2.27 0.01	52.30 2.58 0.01	48.25 3.74 0.00
WALDENNY_12_KV_BK2 80841	34.91 -4.94 0.29	31.03 -4.42 0.16	30.02 -3.98 -0.27	26.55 -3.63 -0.42	25.09 -3.10 -0.54	25.72 -3.34 -0.29	24.51 -3.10 -0.41	23.69 -3.20 0.23	28.14 -3.34 0.01	30.46 -3.12 0.00	31.64 -3.68 0.05	30.09 -3.64 4.97	32.33 -4.08 8.39	34.92 -4.17 6.75	36.53 -4.33 5.67	38.85 -4.82 4.54	43.09 -5.39 5.97	51.09 -5.98 10.85	58.90 -5.57 12.95	64.18 -6.88 6.27	55.95 -6.64 5.17	49.81 -5.76 2.60	42.51 -5.47 1.76	39.03 -4.45 1.03
WALDEN___HYDRO 24148	47.48 2.65 -4.68	39.99 2.21 -2.18	37.64 1.89 -2.02	34.59 1.67 -3.16	33.31 1.55 -4.12	32.65 1.67 -2.22	31.34 1.63 -2.51	32.48 1.71 -3.66	33.50 2.02 0.00	35.69 2.12 0.00	37.88 2.51 0.00	41.68 2.98 0.00	48.42 3.63 0.00	49.65 3.81 0.00	50.49 3.96 0.00	52.16 3.95 0.00	58.85 4.41 0.00	73.15 5.23 0.00	82.84 5.42 0.00	82.36 5.03 0.00	71.61 3.86 0.01	61.13 2.97 0.01	52.36 2.64 0.01	47.09 2.58 0.00
WARRENSBURG____ 23737	49.19 2.85 -6.20	40.98 2.49 -2.88	38.63 2.23 -2.68	35.85 1.90 -4.19	34.95 1.85 -5.45	33.60 1.90 -2.94	32.23 1.71 -3.32	33.58 1.63 -4.84	33.28 1.79 0.00	35.33 1.75 0.00	37.00 1.63 0.00	40.52 1.82 0.00	46.80 2.02 0.00	47.72 1.88 0.00	48.58 2.05 0.00	50.33 2.12 0.00	57.43 2.99 0.00	71.72 3.80 0.00	82.30 4.88 0.00	81.90 4.56 0.00	72.02 4.27 0.00	61.84 3.66 0.00	52.67 2.93 0.00	47.22 2.72 0.00

WATERSIDE___6 8 9 23538	48.47 3.45 -4.87	40.76 2.88 -2.27	38.33 2.50 -2.11	35.26 2.20 -3.29	34.03 2.10 -4.28	33.32 2.24 -2.31	31.99 2.18 -2.61	33.25 2.33 -3.81	34.20 2.71 0.00	36.55 2.95 -0.02	38.75 3.36 -0.01	42.65 3.87 -0.08	49.57 4.75 -0.03	53.95 4.86 -3.25	57.10 5.07 -5.50	62.11 4.97 -8.93	65.49 5.50 -5.55	76.57 6.45 -2.20	84.00 6.58 0.00	83.46 6.11 -0.01	72.49 4.74 0.01	61.83 3.66 0.01	53.18 3.43 -0.01	47.94 3.43 -0.01
WATKINRD_115KV_LN8_ILLION 55919	40.55 0.40 0.00	35.96 0.36 0.00	34.03 0.30 0.00	30.03 0.27 0.00	27.89 0.25 0.00	29.03 0.26 0.00	27.45 0.24 0.00	27.39 0.27 0.00	31.80 0.31 0.00	33.92 0.34 0.00	35.65 0.28 0.00	39.05 0.35 0.00	45.15 0.36 0.00	46.17 0.32 0.00	46.86 0.33 0.00	48.50 0.29 0.00	54.88 0.44 0.00	68.40 0.48 0.00	78.04 0.62 0.00	78.03 0.70 0.00	68.37 0.61 0.00	58.70 0.52 0.00	50.23 0.50 0.00	45.04 0.53 0.00
WDELAWARE___HYD 323627	46.91 2.37 -4.40	39.61 1.96 -2.04	37.28 1.65 -1.90	34.19 1.46 -2.97	32.86 1.35 -3.87	32.32 1.47 -2.08	30.97 1.41 -2.36	32.04 1.49 -3.43	33.25 1.76 0.00	35.56 1.98 0.00	37.57 2.19 0.00	41.37 2.67 0.00	48.02 3.23 0.00	49.19 3.34 0.00	50.02 3.49 0.00	51.73 3.52 0.00	58.41 3.97 0.00	72.67 4.75 0.00	82.69 5.27 0.00	82.21 4.88 0.00	71.54 3.79 0.01	61.07 2.91 0.01	52.21 2.49 0.01	46.87 2.36 0.00
WEST BABYLON___IC 23714	49.22 4.22 -4.86	41.57 3.70 -2.26	39.00 3.17 -2.10	35.96 2.92 -3.29	34.46 2.54 -4.28	33.89 2.82 -2.31	32.34 2.53 -2.61	33.76 2.85 -3.80	35.24 3.75 0.00	44.74 4.00 -7.17	45.68 4.32 -6.00	49.56 4.95 -5.91	51.10 5.91 -0.40	53.01 6.19 -0.98	54.28 6.37 -1.38	57.97 6.36 -3.40	63.40 7.13 -1.82	77.97 8.63 -1.43	87.05 7.59 -2.04	85.93 6.88 -1.71	72.69 4.95 0.01	61.71 3.55 0.01	52.90 3.18 0.01	48.47 3.96 0.00
WEST CANADA___HYD 24049	40.35 0.20 0.00	35.78 0.18 0.00	33.90 0.17 0.00	29.91 0.15 0.00	27.78 0.14 0.00	28.91 0.14 0.00	27.34 0.14 0.00	27.25 0.14 0.00	31.65 0.16 0.00	33.75 0.17 0.00	35.51 0.14 0.00	38.89 0.19 0.00	44.97 0.18 0.00	46.03 0.18 0.00	46.72 0.19 0.00	48.36 0.15 0.00	54.66 0.22 0.00	68.06 0.14 0.00	77.58 0.16 0.00	77.41 0.08 0.00	67.82 0.07 0.00	58.23 0.06 0.00	49.83 0.10 0.00	44.64 0.13 0.00
WESTERN_NY_WIND 24143	36.27 -3.89 -0.02	32.07 -3.52 0.01	30.87 -3.10 -0.25	27.32 -2.83 -0.38	25.85 -2.29 -0.50	26.51 -2.53 -0.27	25.16 -2.39 -0.35	24.61 -2.52 -0.01	28.74 -2.74 0.01	30.99 -2.59 0.00	32.16 -3.18 0.03	32.02 -3.41 3.27	35.09 -3.85 5.84	36.91 -4.03 4.90	37.93 -4.28 4.32	40.49 -4.10 3.62	45.61 -4.03 4.81	54.19 -5.09 8.64	62.55 -5.03 9.84	67.80 -4.41 5.12	58.61 -4.61 4.54	51.78 -3.96 2.44	43.97 -3.98 1.79	40.20 -3.20 1.11
WESTOVER___LESR 323668	41.22 -0.64 -1.71	35.84 -0.57 -0.80	33.89 -0.51 -0.67	30.33 -0.48 -1.05	28.65 -0.36 -1.36	29.10 -0.40 -0.74	27.67 -0.38 -0.85	28.08 -0.38 -1.34	31.18 -0.31 0.00	33.55 -0.03 0.00	35.27 -0.11 -0.01	39.37 -0.04 -0.71	45.65 -0.04 -0.91	46.35 -0.05 -0.55	46.76 -0.05 -0.28	48.11 -0.14 -0.04	54.30 -0.16 -0.03	67.96 -0.14 -0.17	78.73 0.23 -1.07	77.53 0.00 -0.19	67.39 -0.14 0.23	57.97 -0.17 0.02	49.29 -0.30 0.14	44.31 -0.18 0.02
WETHRSFD_WT_PWR 323626	33.53 -4.10 2.52	30.68 -3.67 1.26	30.77 -3.27 -0.32	27.28 -2.98 -0.49	25.80 -2.49 -0.64	26.44 -2.67 -0.35	25.15 -2.50 -0.45	22.50 -2.66 1.96	28.58 -2.87 0.04	30.72 -2.85 0.00	31.95 -3.25 0.16	19.86 -3.37 15.47	16.45 -3.94 24.39	23.39 -3.94 18.51	28.06 -4.05 14.42	33.47 -4.34 10.40	36.17 -4.79 13.48	37.10 -5.50 25.32	37.64 -4.73 35.06	58.34 -5.34 13.66	53.80 -4.74 9.21	50.31 -4.24 3.61	44.20 -4.03 1.51	40.28 -3.34 0.89
WHAVSTOR_138KV_BK127 55557	47.55 2.69 -4.71	40.04 2.24 -2.19	37.69 1.92 -2.04	34.67 1.73 -3.18	33.39 1.60 -4.14	32.73 1.73 -2.23	31.41 1.69 -2.52	32.62 1.82 -3.68	33.60 2.11 0.00	35.86 2.28 0.00	38.06 2.69 0.00	41.87 3.17 0.00	48.64 3.85 0.00	49.88 4.03 0.00	50.72 4.19 0.00	52.36 4.15 0.00	58.96 4.52 0.00	73.15 5.23 0.00	82.61 5.19 0.00	82.13 4.79 0.00	71.34 3.59 0.01	60.90 2.73 0.01	52.31 2.59 0.01	47.14 2.63 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	47.55 2.69 -4.71	40.04 2.24 -2.19	37.69 1.92 -2.04	34.67 1.73 -3.18	33.39 1.60 -4.14	32.73 1.73 -2.23	31.41 1.69 -2.52	32.62 1.82 -3.68	33.60 2.11 0.00	35.86 2.28 0.00	38.06 2.69 0.00	41.87 3.17 0.00	48.64 3.85 0.00	49.88 4.03 0.00	50.72 4.19 0.00	52.36 4.15 0.00	58.96 4.52 0.00	73.15 5.23 0.00	82.61 5.19 0.00	82.13 4.79 0.00	71.34 3.59 0.01	60.90 2.73 0.01	52.31 2.59 0.01	47.14 2.63 0.00
WHITEHAL_115KV_TB1 80871	50.03 3.69 -6.19	41.69 3.20 -2.88	39.31 2.90 -2.68	36.39 2.44 -4.18	35.49 2.40 -5.44	34.15 2.45 -2.94	32.72 2.20 -3.31	34.04 2.09 -4.83	33.72 2.24 0.00	35.83 2.25 0.00	37.53 2.16 0.00	41.10 2.40 0.00	47.43 2.64 0.00	48.41 2.57 0.00	49.23 2.70 0.00	51.10 2.89 0.00	58.36 3.92 0.00	73.01 5.09 0.00	84.00 6.58 0.00	83.60 6.26 0.00	73.65 5.89 0.00	63.17 5.00 0.00	53.71 3.98 0.00	48.11 3.61 0.00
WHITEPLN_13_KV_LOAD 356215	48.33 3.33 -4.85	40.64 2.78 -2.26	38.26 2.43 -2.10	35.18 2.14 -3.28	33.93 2.02 -4.27	33.20 2.13 -2.30	31.87 2.07 -2.60	33.10 2.20 -3.79	34.10 2.61 0.00	36.37 2.79 0.00	38.63 3.25 0.00	42.53 3.83 0.00	49.40 4.61 0.00	50.76 4.86 -0.06	51.70 5.07 -0.10	53.44 5.06 -0.16	60.20 5.66 -0.10	74.68 6.72 -0.04	84.31 6.89 0.00	83.83 6.50 0.00	72.70 4.95 0.01	62.01 3.84 0.01	53.16 3.43 0.01	47.80 3.29 0.00
WM_FLOYD_69_KV_BK2 356380	49.10 4.09 -4.86	41.53 3.67 -2.26	39.00 3.17 -2.10	35.99 2.95 -3.29	34.52 2.60 -4.28	33.92 2.85 -2.31	32.37 2.56 -2.61	33.79 2.87 -3.80	35.37 3.87 -0.01	44.82 4.06 -7.17	45.51 4.14 -6.00	49.09 4.49 -5.91	50.56 5.37 -0.40	52.54 5.73 -0.97	53.72 5.96 -1.23	59.37 5.88 -5.28	71.25 6.59 -10.22	82.55 7.81 -6.81	94.06 6.66 -9.98	91.57 5.88 -8.36	72.16 4.40 0.00	60.83 2.68 0.01	52.51 2.79 0.01	48.29 3.78 0.00
WOODARD___115KV_TB2 355635	39.70 -0.88 -0.44	35.10 -0.71 -0.20	33.35 -0.57 -0.19	29.49 -0.57 -0.30	27.59 -0.44 -0.39	28.49 -0.49 -0.21	26.98 -0.46 -0.24	26.97 -0.49 -0.34	30.98 -0.50 0.00	33.11 -0.47 0.00	34.74 -0.64 0.00	37.66 -0.93 0.11	43.33 -1.07 0.39	44.31 -1.10 0.43	44.93 -1.12 0.49	46.59 -1.11 0.51	52.61 -1.14 0.69	65.18 -1.56 1.18	75.09 -1.63 0.70	75.61 -1.39 0.34	65.96 -1.22 0.57	57.19 -1.05 -0.07	48.69 -1.04 0.00	43.70 -0.89 -0.08
YORK___WARBASSE 23770	48.75 3.73 -4.87	40.97 3.10 -2.27	38.54 2.70 -2.11	35.44 2.38 -3.29	34.19 2.27 -4.28	33.50 2.42 -2.31	32.13 2.31 -2.61	33.42 2.49 -3.81	34.35 2.87 0.00	36.75 3.16 -0.02	39.00 3.61 -0.02	42.73 3.95 -0.08	49.84 5.02 -0.03	54.14 5.04 -3.25	57.33 5.30 -5.50	62.26 5.11 -8.93	65.65 5.66 -5.55	76.85 6.72 -2.20	84.39 6.97 0.00	83.85 6.50 -0.01	72.83 5.08 0.01	62.25 4.07 0.00	53.52 3.78 -0.01	48.22 3.69 -0.02