

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/19/2026

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	44.12	38.69	35.38	33.88	33.95	36.07	43.78	44.48	43.83	40.01	39.62	42.11	48.39	53.95	58.08	65.37	66.67	76.99	78.88	74.48	67.62	55.90	48.29	42.20
24138	3.42	3.10	2.71	2.63	2.54	2.42	2.86	3.22	3.51	3.34	3.43	3.58	3.94	4.13	4.46	4.97	5.43	5.91	6.25	6.46	5.30	4.19	3.66	2.98
	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.45	-2.04	-5.06	-10.14	-11.57	-13.98	-11.47	-15.38	-12.58	0.00	0.00	-0.01	-1.00	0.02
74TH STREET_GT_1	44.21	38.77	35.41	33.94	33.98	36.07	43.82	44.48	43.83	40.01	39.53	42.06	48.46	54.17	58.34	65.63	66.73	77.00	78.88	74.55	67.68	55.95	48.33	42.27
24260	3.50	3.17	2.74	2.69	2.58	2.42	2.90	3.22	3.51	3.34	3.32	3.47	3.86	4.05	4.37	4.87	5.28	5.91	6.25	6.53	5.36	4.24	3.71	3.06
	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-2.10	-5.21	-10.44	-11.91	-14.34	-11.67	-15.38	-12.58	0.00	0.00	-0.01	-1.00	0.02
74TH STREET_GT_2	44.21	38.77	35.41	33.94	33.98	36.07	43.82	44.48	43.83	40.01	39.53	42.06	48.46	54.17	58.34	65.63	66.73	77.00	78.88	74.55	67.68	55.95	48.33	42.27
24261	3.50	3.17	2.74	2.69	2.58	2.42	2.90	3.22	3.51	3.34	3.32	3.47	3.86	4.05	4.37	4.87	5.28	5.91	6.25	6.53	5.36	4.24	3.71	3.06
	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-2.10	-5.21	-10.44	-11.91	-14.34	-11.67	-15.38	-12.58	0.00	0.00	-0.01	-1.00	0.02
ADK HUDSON___FALLS	43.91	38.48	35.25	33.69	33.86	36.20	43.78	43.70	42.54	38.50	37.49	37.84	40.89	41.07	43.36	48.28	52.10	58.26	63.71	73.94	68.25	56.60	52.07	42.57
24011	3.18	2.88	2.58	2.44	2.45	2.56	2.86	2.43	2.22	1.83	1.75	1.35	1.50	1.39	1.30	1.95	2.54	3.29	4.26	5.92	5.92	4.81	3.93	3.33
	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	0.09	0.21	0.74	0.61	0.00	0.00	-0.08	-4.53	0.00
ADK RESOURCE___RCVRY	44.16	38.69	35.48	33.88	34.05	36.44	44.07	43.94	42.74	38.65	37.63	37.91	40.97	41.22	43.40	48.37	52.22	58.61	64.07	74.55	68.87	57.07	52.44	42.88
23798	3.42	3.10	2.81	2.63	2.64	2.79	3.15	2.68	2.42	1.98	1.89	1.42	1.58	1.55	1.35	2.04	2.64	3.57	4.56	6.53	6.54	5.28	4.28	3.65
	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	0.10	0.19	0.67	0.55	0.00	0.00	-0.08	-4.54	0.00
ADK S GLENS___FALLS	43.91	38.48	35.25	33.69	33.86	36.20	43.78	43.70	42.54	38.50	37.49	37.84	40.89	41.07	43.36	48.28	52.10	58.26	63.71	73.94	68.25	56.60	52.07	42.57
24028	3.18	2.88	2.58	2.44	2.45	2.56	2.86	2.43	2.22	1.83	1.75	1.35	1.50	1.39	1.30	1.95	2.54	3.29	4.26	5.92	5.92	4.81	3.93	3.33
	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	0.09	0.21	0.74	0.61	0.00	0.00	-0.08	-4.53	0.00
ADK_NYS___DAM	43.06	37.66	34.43	32.94	33.10	35.39	42.55	42.54	41.61	37.99	37.06	37.73	40.81	41.18	43.65	48.33	52.02	58.16	63.06	70.87	65.44	54.51	49.60	41.27
23527	2.32	2.06	1.76	1.69	1.69	1.75	1.64	1.28	1.29	1.32	1.32	1.24	1.42	1.51	1.60	1.90	2.24	2.45	3.00	2.86	3.11	2.74	2.40	2.04
	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	-0.06	-3.58	0.00
AIR_PRODUCTS___DRP	41.71	36.52	33.48	32.03	32.16	34.35	41.53	41.76	40.84	37.18	36.28	37.00	39.98	40.31	42.77	47.03	50.47	55.90	60.57	69.17	63.51	52.73	47.35	40.02
24190	0.98	0.93	0.82	0.78	0.75	0.71	0.61	0.50	0.52	0.51	0.54	0.51	0.59	0.63	0.71	0.70	0.90	0.89	1.08	1.16	1.18	0.98	0.87	0.78
	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	0.09	0.20	0.70	0.57	0.00	0.00	-0.04	-2.85	0.00
AKWESSNE_115KV_BK	40.33	35.10	32.24	30.84	30.97	33.31	40.51	40.85	39.92	36.19	35.27	36.02	39.00	39.28	41.55	45.87	49.13	54.60	58.86	66.86	61.33	51.35	43.40	39.04
355683	-0.41	-0.50	-0.42	-0.41	-0.44	-0.34	-0.41	-0.41	-0.40	-0.48	-0.46	-0.47	-0.39	-0.40	-0.50	-0.56	-0.65	-1.11	-1.20	-1.16	-1.00	-0.36	-0.22	-0.20
	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	42.41	37.16	34.17	32.69	32.82	34.99	42.22	42.21	41.13	37.33	36.35	37.04	40.06	40.43	42.85	47.35	50.92	57.10	61.98	70.46	64.75	53.76	47.66	40.76
323833	1.67	1.56	1.50	1.44	1.41	1.35	1.31	0.95	0.81	0.66	0.61	0.55	0.67	0.75	0.80	0.93	1.15	1.39	1.92	2.45	2.43	2.01	1.66	1.53
	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	-0.03	-2.39	0.00
ALBANY_2_SOLAR	42.41	37.13	34.17	32.69	32.82	34.99	42.18	42.21	41.13	37.33	36.35	37.04	40.06	40.43	42.85	47.35	50.92	57.10	61.92	70.40	64.75	53.76	47.62	40.76
323834	1.67	1.53	1.50	1.44	1.41	1.35	1.27	0.95	0.81	0.66	0.61	0.55	0.67	0.75	0.80	0.93	1.15	1.39	1.86	2.38	2.43	2.01	1.61	1.53
	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	-0.03	-2.38	0.00
ALBANY___1	41.71	36.52	33.48	32.03	32.16	34.35	41.53	41.76	40.84	37.18	36.28	37.00	39.98	40.31	42.77	47.03	50.47	55.90	60.57	69.17	63.51	52.73	47.35	40.02
23571	0.98	0.93	0.82	0.78	0.75	0.71	0.61	0.50	0.52	0.51	0.54	0.51	0.59	0.63	0.71	0.70	0.90	0.89	1.08	1.16	1.18	0.98	0.87	0.78
	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	0.09	0.20	0.70	0.57	0.00	0.00	-0.04	-2.85	0.00

ALBANY___2 23572	41.71 0.98 0.00	36.52 0.93 0.00	33.48 0.82 0.00	32.03 0.78 0.00	32.16 0.75 0.00	34.35 0.71 0.00	41.53 0.61 0.00	41.76 0.50 0.00	40.84 0.52 0.00	37.18 0.51 0.00	36.28 0.54 0.00	37.00 0.51 0.00	39.98 0.59 0.00	40.31 0.63 0.00	42.77 0.71 0.00	47.03 0.70 0.09	50.47 0.90 0.20	55.90 0.89 0.70	60.57 1.08 0.57	69.17 1.16 0.00	63.51 1.18 0.00	52.73 0.98 -0.04	47.35 0.87 -2.85	40.02 0.78 0.00
ALBANY___3 23573	41.71 0.98 0.00	36.52 0.93 0.00	33.48 0.82 0.00	32.03 0.78 0.00	32.16 0.75 0.00	34.35 0.71 0.00	41.53 0.61 0.00	41.76 0.50 0.00	40.84 0.52 0.00	37.18 0.51 0.00	36.28 0.54 0.00	37.00 0.51 0.00	39.98 0.59 0.00	40.31 0.63 0.00	42.77 0.71 0.00	47.03 0.70 0.09	50.47 0.90 0.20	55.90 0.89 0.70	60.57 1.08 0.57	69.17 1.16 0.00	63.51 1.18 0.00	52.73 0.98 -0.04	47.35 0.87 -2.85	40.02 0.78 0.00
ALBANY___4 23574	41.71 0.98 0.00	36.52 0.93 0.00	33.48 0.82 0.00	32.03 0.78 0.00	32.16 0.75 0.00	34.35 0.71 0.00	41.53 0.61 0.00	41.76 0.50 0.00	40.84 0.52 0.00	37.18 0.51 0.00	36.28 0.54 0.00	37.00 0.51 0.00	39.98 0.59 0.00	40.31 0.63 0.00	42.77 0.71 0.00	47.03 0.70 0.09	50.47 0.90 0.20	55.90 0.89 0.70	60.57 1.08 0.57	69.17 1.16 0.00	63.51 1.18 0.00	52.73 0.98 -0.04	47.35 0.87 -2.85	40.02 0.78 0.00
ALBANY___LFGE 323615	42.08 1.34 0.00	36.84 1.25 0.00	33.98 1.31 0.00	32.47 1.22 0.00	32.63 1.22 0.00	34.82 1.18 0.00	41.94 1.02 0.00	42.13 0.87 0.00	41.20 0.89 0.00	37.48 0.81 0.00	36.56 0.82 0.00	37.26 0.77 0.00	40.30 0.91 0.00	40.67 0.99 0.00	43.10 1.05 0.00	47.41 1.07 0.08	50.91 1.29 0.16	56.54 1.39 0.56	61.27 1.68 0.46	69.99 1.97 0.00	64.26 1.93 0.00	53.31 1.55 -0.06	48.33 1.35 -3.36	40.45 1.22 0.00
ALCOA_PA_115KV_PL-6C 55860	40.41 -0.33 0.00	35.13 -0.46 0.00	32.28 -0.39 0.00	30.88 -0.37 0.00	31.00 -0.41 0.00	33.34 -0.30 0.00	40.51 -0.41 0.00	40.89 -0.37 0.00	39.92 -0.40 0.00	36.16 -0.51 0.00	35.24 -0.50 0.00	35.94 -0.55 0.00	38.92 -0.47 0.00	39.20 -0.47 0.00	41.46 -0.59 0.00	45.63 -0.79 0.00	49.03 -0.75 0.00	54.76 -0.95 0.00	59.03 -1.02 0.00	67.13 -0.89 0.00	61.58 -0.75 0.00	51.40 -0.31 0.00	43.45 -0.17 0.00	39.08 -0.16 0.00
ALCOA_RYNLDS___DRP 24188	40.41 -0.33 0.00	35.14 -0.46 0.00	32.28 -0.39 0.00	30.88 -0.38 0.00	31.00 -0.41 0.00	33.34 -0.30 0.00	40.51 -0.41 0.00	40.89 -0.37 0.00	39.92 -0.40 0.00	36.16 -0.51 0.00	35.24 -0.50 0.00	35.94 -0.55 0.00	38.92 -0.47 0.00	39.20 -0.48 0.00	41.46 -0.59 0.00	45.77 -0.65 0.00	49.03 -0.75 0.00	54.76 -0.95 0.00	59.04 -1.02 0.00	67.13 -0.88 0.00	61.51 -0.81 0.00	51.40 -0.31 0.00	43.45 -0.17 0.00	39.08 -0.16 0.00
ALCOA___DSASP 323711	40.41 -0.33 0.00	35.14 -0.46 0.00	32.28 -0.39 0.00	30.88 -0.38 0.00	31.00 -0.41 0.00	33.34 -0.30 0.00	40.51 -0.41 0.00	40.89 -0.37 0.00	39.92 -0.40 0.00	36.16 -0.51 0.00	35.24 -0.50 0.00	35.94 -0.55 0.00	38.92 -0.47 0.00	39.20 -0.48 0.00	41.46 -0.59 0.00	45.77 -0.65 0.00	49.03 -0.75 0.00	54.76 -0.95 0.00	59.04 -1.02 0.00	67.13 -0.88 0.00	61.51 -0.81 0.00	51.40 -0.31 0.00	43.45 -0.17 0.00	39.08 -0.16 0.00
ALLEGHENY___COGEN 23514	69.88 -1.83 -30.97	50.04 -1.28 -15.72	59.53 -1.17 -28.03	44.53 -1.19 -14.47	43.32 -1.07 -12.98	43.61 -1.01 -10.98	72.63 -0.78 -32.49	76.56 -1.24 -36.54	81.27 -1.89 -42.84	70.38 -1.94 -35.65	71.66 -2.18 -38.10	72.41 -2.23 -38.14	78.84 -2.52 -41.98	79.56 -2.58 -42.46	84.08 -2.57 -44.59	89.81 -2.83 -46.22	95.49 -2.94 -48.65	105.27 -2.90 -52.46	112.78 -2.58 -55.31	124.25 -1.43 -57.67	93.17 -0.68 -31.53	72.20 -0.93 -21.42	52.46 -1.35 -10.19	49.49 -1.49 -11.74
ALTAMONT_115KV_TB 2 55880	41.96 1.22 0.00	36.70 1.10 0.00	33.68 1.01 0.00	32.22 0.97 0.00	32.35 0.94 0.00	34.55 0.91 0.00	41.86 0.94 0.00	42.13 0.87 0.00	41.21 0.89 0.00	37.51 0.84 0.00	36.56 0.82 0.00	37.29 0.80 0.00	40.30 0.91 0.00	40.63 0.95 0.00	43.10 1.05 0.00	47.39 1.11 0.15	50.74 1.29 0.33	56.00 1.45 1.16	60.73 1.62 0.95	69.79 1.77 0.00	64.01 1.68 0.00	53.14 1.40 -0.04	47.31 1.22 -2.46	40.29 1.06 0.00
ALTONA_WT_PWR 323606	39.76 -0.98 0.00	34.60 -1.00 0.00	31.85 -0.82 0.00	30.47 -0.78 0.00	30.59 -0.82 0.00	32.91 -0.74 0.00	39.98 -0.94 0.00	40.32 -0.95 0.00	39.35 -0.97 0.00	35.64 -1.03 0.00	34.74 -1.00 0.00	35.47 -1.02 0.00	38.41 -0.98 0.00	38.72 -0.95 0.00	40.96 -1.09 0.00	45.12 -1.30 0.00	48.54 -1.24 0.00	54.26 -1.45 0.00	58.44 -1.62 0.00	66.52 -1.50 0.00	60.95 -1.37 0.00	50.78 -0.93 0.00	42.79 -0.83 0.00	38.60 -0.63 0.00
AMERICAN_REF_FUEL 24010	24.74 -5.74 10.26	25.41 -4.49 5.70	19.99 -4.21 8.46	20.46 -4.09 6.70	21.35 -4.05 6.01	24.26 -4.31 5.08	20.81 -4.91 15.20	20.29 -4.83 16.15	20.83 -4.88 14.61	20.26 -4.25 12.16	18.49 -4.25 12.99	19.14 -4.34 13.01	20.19 -4.89 14.32	20.23 -4.96 14.48	20.02 -5.38 16.65	22.98 -6.08 17.36	26.88 -6.32 16.58	29.55 -7.35 18.81	35.42 -7.93 16.71	41.62 -8.91 17.49	43.51 -8.04 10.77	37.46 -6.83 7.42	32.67 -5.84 5.11	28.57 -5.34 5.33
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.11 -4.60 12.02	25.51 -3.85 6.24	19.07 -3.56 10.03	20.94 -3.50 6.81	21.91 -3.39 6.11	24.78 -3.70 5.16	18.93 -4.21 17.77	17.93 -4.21 19.12	17.52 -4.36 18.44	17.44 -3.89 15.35	15.15 -4.18 16.40	15.73 -4.34 16.42	16.28 -5.04 18.07	16.16 -5.24 18.28	15.77 -5.76 20.52	18.42 -6.45 21.55	22.85 -6.07 20.85	25.90 -6.80 23.01	33.68 -6.67 19.71	40.40 -7.00 20.61	44.02 -5.86 12.44	38.05 -5.07 8.59	33.62 -4.71 5.28	29.34 -4.32 5.58
ARTHUR KILL_GT_1 23520	44.25 3.54 0.02	38.77 3.17 -0.01	35.35 2.68 -0.01	33.82 2.56 -0.01	33.90 2.48 -0.01	35.90 2.25 0.00	43.45 2.54 0.00	44.03 2.76 0.00	43.30 2.98 0.00	39.57 2.90 0.00	39.14 2.93 -0.47	41.73 3.14 -2.10	48.19 3.58 -5.21	53.89 3.77 -10.44	57.87 3.91 -11.91	64.93 4.18 -14.33	66.02 4.58 -11.67	76.26 5.18 -15.37	78.09 5.47 -12.57	73.59 5.58 0.01	66.74 4.43 0.01	55.90 4.19 -0.01	48.60 3.97 -1.01	42.44 3.22 0.01
ARTHUR_KILL_2 23512	44.13 3.42 0.02	38.63 3.02 -0.01	35.23 2.55 -0.01	33.73 2.47 -0.01	33.77 2.36 -0.01	35.80 2.16 0.00	43.37 2.45 0.00	43.94 2.68 0.00	43.18 2.86 0.00	39.46 2.79 0.00	39.03 2.82 -0.47	41.62 3.03 -2.10	48.03 3.43 -5.21	53.81 3.69 -10.44	57.70 3.74 -11.91	64.84 4.09 -14.33	65.84 4.43 -11.63	75.93 4.96 -15.26	77.75 5.22 -12.48	73.32 5.31 0.01	66.43 4.11 0.01	55.70 3.98 -0.01	48.47 3.84 -1.01	42.32 3.10 0.01
ARTHUR_KILL_3 23513	43.88 3.18 0.03	38.48 2.88 0.00	35.15 2.48 0.00	33.66 2.41 0.00	33.73 2.32 0.00	35.80 2.16 0.00	43.54 2.62 0.00	44.24 2.97 0.00	43.50 3.18 0.00	39.75 3.08 0.00	39.27 3.07 -0.46	41.78 3.21 -2.08	48.09 3.55 -5.15	53.77 3.77 -10.32	57.91 4.08 -11.78	65.17 4.55 -14.20	66.22 4.88 -11.56	76.38 5.40 -15.27	78.25 5.71 -12.48	73.87 5.85 0.00	67.12 4.80 0.00	55.54 3.83 -0.01	47.98 3.36 -1.00	41.92 2.70 0.02

ARTHUR_KILL_COGEN 323718	44.25 3.54 0.02	38.77 3.17 -0.01	35.32 2.64 -0.01	33.82 2.56 -0.01	33.87 2.45 -0.01	35.90 2.25 0.00	43.49 2.58 0.00	44.07 2.81 0.00	43.30 2.98 0.00	39.57 2.90 0.00	39.14 2.93 -0.47	41.73 3.14 -2.10	48.19 3.58 -5.21	53.97 3.85 -10.44	57.83 3.87 -11.91	65.02 4.27 -14.33	65.99 4.58 -11.63	76.15 5.18 -15.26	78.00 5.46 -12.48	73.59 5.58 0.01	66.74 4.43 0.01	55.90 4.19 -0.01	48.60 3.97 -1.01	42.44 3.22 0.01
ASHOKAN____ 23654	44.32 3.59 0.00	38.73 3.13 0.00	35.48 2.81 0.00	33.88 2.63 0.00	33.95 2.54 0.00	35.93 2.29 0.00	43.57 2.66 0.00	43.61 2.35 0.00	42.41 2.10 0.00	38.36 1.69 0.00	37.31 1.57 0.00	38.10 1.60 0.00	41.28 1.89 0.00	41.78 2.10 0.00	44.66 2.61 0.00	50.23 3.16 -0.65	55.69 4.48 -1.42	66.28 5.62 -4.95	70.77 6.67 -4.05	74.27 6.25 0.00	68.00 5.67 0.00	56.08 4.34 -0.03	47.77 2.18 -1.97	42.24 3.02 0.02
ASTORIA_EAST_ENERGY_CC1 323581	44.17 3.46 0.02	38.70 3.10 -0.01	35.35 2.68 -0.01	33.98 2.72 -0.01	34.05 2.64 -0.01	36.10 2.45 0.00	43.57 2.66 0.00	44.15 2.89 0.00	43.38 3.06 0.00	39.68 3.01 0.00	39.23 3.04 -0.46	41.83 3.25 -2.09	48.22 3.62 -5.20	53.92 3.81 -10.43	58.03 4.08 -11.90	65.25 4.50 -14.33	66.24 4.83 -11.63	76.32 5.35 -15.26	78.25 5.71 -12.48	73.87 5.85 0.00	66.81 4.49 0.01	55.80 4.08 -0.01	48.43 3.79 -1.01	42.32 3.10 0.01
ASTORIA_EAST_ENERGY_CC2 323582	44.17 3.46 0.02	38.70 3.10 -0.01	35.35 2.68 -0.01	33.98 2.72 -0.01	34.05 2.64 -0.01	36.10 2.45 0.00	43.57 2.66 0.00	44.15 2.89 0.00	43.38 3.06 0.00	39.68 3.01 0.00	39.23 3.04 -0.46	41.83 3.25 -2.09	48.22 3.62 -5.20	53.92 3.81 -10.43	58.03 4.08 -11.90	65.25 4.50 -14.33	66.24 4.83 -11.63	76.32 5.35 -15.26	78.25 5.71 -12.48	73.87 5.85 0.00	66.81 4.49 0.01	55.80 4.08 -0.01	48.43 3.79 -1.01	42.32 3.10 0.01
ASTORIA_GT2_1 24094	44.21 3.50 0.02	38.70 3.10 -0.01	35.39 2.71 -0.01	34.01 2.75 -0.01	34.08 2.67 -0.01	36.10 2.46 0.00	43.53 2.62 0.00	44.11 2.85 0.00	43.42 3.10 0.00	39.68 3.01 0.00	39.28 3.07 -0.47	41.83 3.25 -2.09	48.23 3.62 -5.21	53.93 3.81 -10.44	58.03 4.08 -11.90	65.21 4.46 -14.34	66.27 4.83 -11.67	76.44 5.35 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	66.87 4.55 0.00	55.75 4.03 -0.01	48.43 3.80 -1.01	42.32 3.10 0.01
ASTORIA_GT2_2 24095	44.21 3.50 0.02	38.70 3.10 -0.01	35.39 2.71 -0.01	34.01 2.75 -0.01	34.08 2.67 -0.01	36.10 2.46 0.00	43.53 2.62 0.00	44.11 2.85 0.00	43.42 3.10 0.00	39.68 3.01 0.00	39.28 3.07 -0.47	41.83 3.25 -2.09	48.23 3.62 -5.21	53.93 3.81 -10.44	58.03 4.08 -11.90	65.21 4.46 -14.34	66.27 4.83 -11.67	76.44 5.35 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	66.87 4.55 0.00	55.75 4.03 -0.01	48.43 3.80 -1.01	42.32 3.10 0.01
ASTORIA_GT2_3 24096	44.21 3.50 0.02	38.70 3.10 -0.01	35.39 2.71 -0.01	34.01 2.75 -0.01	34.08 2.67 -0.01	36.10 2.46 0.00	43.53 2.62 0.00	44.11 2.85 0.00	43.42 3.10 0.00	39.68 3.01 0.00	39.28 3.07 -0.47	41.83 3.25 -2.09	48.23 3.62 -5.21	53.93 3.81 -10.44	58.03 4.08 -11.90	65.21 4.46 -14.34	66.27 4.83 -11.67	76.44 5.35 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	66.87 4.55 0.00	55.75 4.03 -0.01	48.43 3.80 -1.01	42.32 3.10 0.01
ASTORIA_GT2_4 24097	44.21 3.50 0.02	38.70 3.10 -0.01	35.39 2.71 -0.01	34.01 2.75 -0.01	34.08 2.67 -0.01	36.10 2.46 0.00	43.53 2.62 0.00	44.11 2.85 0.00	43.42 3.10 0.00	39.68 3.01 0.00	39.28 3.07 -0.47	41.83 3.25 -2.09	48.23 3.62 -5.21	53.93 3.81 -10.44	58.03 4.08 -11.90	65.21 4.46 -14.34	66.27 4.83 -11.67	76.44 5.35 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	66.87 4.55 0.00	55.75 4.03 -0.01	48.43 3.80 -1.01	42.32 3.10 0.01
ASTORIA_GT3_1 24098	44.21 3.50 0.02	38.70 3.10 -0.01	35.39 2.71 -0.01	34.01 2.75 -0.01	34.08 2.67 -0.01	36.10 2.46 0.00	43.53 2.62 0.00	44.11 2.85 0.00	43.42 3.10 0.00	39.68 3.01 0.00	39.28 3.07 -0.47	41.83 3.25 -2.09	48.23 3.62 -5.21	53.93 3.81 -10.44	58.03 4.08 -11.90	65.21 4.46 -14.34	66.27 4.83 -11.67	76.44 5.35 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	66.87 4.55 0.00	55.75 4.03 -0.01	48.43 3.80 -1.01	42.32 3.10 0.01
ASTORIA_GT3_2 24099	44.21 3.50 0.02	38.70 3.10 -0.01	35.39 2.71 -0.01	34.01 2.75 -0.01	34.08 2.67 -0.01	36.10 2.46 0.00	43.53 2.62 0.00	44.11 2.85 0.00	43.42 3.10 0.00	39.68 3.01 0.00	39.28 3.07 -0.47	41.83 3.25 -2.09	48.23 3.62 -5.21	53.93 3.81 -10.44	58.03 4.08 -11.90	65.21 4.46 -14.34	66.27 4.83 -11.67	76.44 5.35 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	66.87 4.55 0.00	55.75 4.03 -0.01	48.43 3.80 -1.01	42.32 3.10 0.01
ASTORIA_GT3_3 24100	44.21 3.50 0.02	38.70 3.10 -0.01	35.39 2.71 -0.01	34.01 2.75 -0.01	34.08 2.67 -0.01	36.10 2.46 0.00	43.53 2.62 0.00	44.11 2.85 0.00	43.42 3.10 0.00	39.68 3.01 0.00	39.28 3.07 -0.47	41.83 3.25 -2.09	48.23 3.62 -5.21	53.93 3.81 -10.44	58.03 4.08 -11.90	65.21 4.46 -14.34	66.27 4.83 -11.67	76.44 5.35 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	66.87 4.55 0.00	55.75 4.03 -0.01	48.43 3.80 -1.01	42.32 3.10 0.01
ASTORIA_GT3_4 24101	44.21 3.50 0.02	38.70 3.10 -0.01	35.39 2.71 -0.01	34.01 2.75 -0.01	34.08 2.67 -0.01	36.10 2.46 0.00	43.53 2.62 0.00	44.11 2.85 0.00	43.42 3.10 0.00	39.68 3.01 0.00	39.28 3.07 -0.47	41.83 3.25 -2.09	48.23 3.62 -5.21	53.93 3.81 -10.44	58.03 4.08 -11.90	65.21 4.46 -14.34	66.27 4.83 -11.67	76.44 5.35 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	66.87 4.55 0.00	55.75 4.03 -0.01	48.43 3.80 -1.01	42.32 3.10 0.01
ASTORIA_GT4_1 24102	44.21 3.50 0.02	38.70 3.10 -0.01	35.39 2.71 -0.01	34.01 2.75 -0.01	34.08 2.67 -0.01	36.10 2.46 0.00	43.53 2.62 0.00	44.11 2.85 0.00	43.42 3.10 0.00	39.68 3.01 0.00	39.28 3.07 -0.47	41.83 3.25 -2.09	48.23 3.62 -5.21	53.93 3.81 -10.44	58.03 4.08 -11.90	65.21 4.46 -14.34	66.27 4.83 -11.67	76.44 5.35 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	66.87 4.55 0.00	55.75 4.03 -0.01	48.43 3.80 -1.01	42.32 3.10 0.01
ASTORIA_GT4_2 24103	44.21 3.50 0.02	38.70 3.10 -0.01	35.39 2.71 -0.01	34.01 2.75 -0.01	34.08 2.67 -0.01	36.10 2.46 0.00	43.53 2.62 0.00	44.11 2.85 0.00	43.42 3.10 0.00	39.68 3.01 0.00	39.28 3.07 -0.47	41.83 3.25 -2.09	48.23 3.62 -5.21	53.93 3.81 -10.44	58.03 4.08 -11.90	65.21 4.46 -14.34	66.27 4.83 -11.67	76.44 5.35 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	66.87 4.55 0.00	55.75 4.03 -0.01	48.43 3.80 -1.01	42.32 3.10 0.01
ASTORIA_GT4_3 24104	44.21 3.50 0.02	38.70 3.10 -0.01	35.39 2.71 -0.01	34.01 2.75 -0.01	34.08 2.67 -0.01	36.10 2.46 0.00	43.53 2.62 0.00	44.11 2.85 0.00	43.42 3.10 0.00	39.68 3.01 0.00	39.28 3.07 -0.47	41.83 3.25 -2.09	48.23 3.62 -5.21	53.93 3.81 -10.44	58.03 4.08 -11.90	65.21 4.46 -14.34	66.27 4.83 -11.67	76.44 5.35 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	66.87 4.55 0.00	55.75 4.03 -0.01	48.43 3.80 -1.01	42.32 3.10 0.01

ASTORIA_GT4_4 24105	44.21 3.50 0.02	38.70 3.10 -0.01	35.39 2.71 -0.01	34.01 2.75 -0.01	34.08 2.67 -0.01	36.10 2.46 0.00	43.53 2.62 0.00	44.11 2.85 0.00	43.42 3.10 0.00	39.68 3.01 0.00	39.28 3.07 -0.47	41.83 3.25 -2.09	48.23 3.62 -5.21	53.93 3.81 -10.44	58.03 4.08 -11.90	65.21 4.46 -14.34	66.27 4.83 -11.67	76.44 5.35 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	66.87 4.55 0.00	55.75 4.03 -0.01	48.43 3.80 -1.01	42.32 3.10 0.01
ASTORIA_GT_1 23523	44.30 3.58 0.02	38.77 3.17 -0.01	35.45 2.78 -0.01	34.04 2.78 -0.01	34.15 2.73 -0.01	36.17 2.52 0.00	43.62 2.70 0.00	44.19 2.93 0.00	43.50 3.19 0.00	39.75 3.08 0.00	39.35 3.15 -0.47	41.94 3.36 -2.09	48.30 3.70 -5.21	54.01 3.89 -10.44	58.12 4.16 -11.90	65.31 4.55 -14.34	66.37 4.93 -11.67	76.61 5.52 -15.38	78.52 5.89 -12.58	74.07 6.05 0.00	67.00 4.67 0.00	55.85 4.14 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
ASTORIA_GT_10 24110	44.13 3.42 0.02	38.70 3.10 -0.01	35.35 2.68 -0.01	33.88 2.63 -0.01	33.96 2.54 -0.01	36.00 2.36 0.00	43.57 2.66 0.00	44.19 2.93 0.00	43.50 3.19 0.00	39.79 3.12 0.00	39.28 3.07 -0.47	41.80 3.21 -2.10	48.19 3.58 -5.21	53.89 3.77 -10.44	58.00 4.04 -11.91	65.12 4.36 -14.34	66.23 4.78 -11.67	76.49 5.40 -15.38	78.34 5.71 -12.58	73.87 5.85 0.00	67.00 4.67 0.00	55.70 3.98 -0.01	48.25 3.62 -1.01	42.20 2.98 0.01
ASTORIA_GT_11 24225	44.13 3.42 0.02	38.70 3.10 -0.01	35.35 2.68 -0.01	33.88 2.63 -0.01	33.96 2.54 -0.01	36.00 2.36 0.00	43.57 2.66 0.00	44.19 2.93 0.00	43.50 3.19 0.00	39.79 3.12 0.00	39.28 3.07 -0.47	41.80 3.21 -2.10	48.19 3.58 -5.21	53.89 3.77 -10.44	58.00 4.04 -11.91	65.12 4.36 -14.34	66.23 4.78 -11.67	76.49 5.40 -15.38	78.34 5.71 -12.58	73.87 5.85 0.00	67.00 4.67 0.00	55.70 3.98 -0.01	48.25 3.62 -1.01	42.20 2.98 0.01
ASTORIA_GT_12 24226	44.13 3.42 0.02	38.70 3.10 -0.01	35.35 2.68 -0.01	33.88 2.63 -0.01	33.96 2.54 -0.01	36.00 2.36 0.00	43.57 2.66 0.00	44.19 2.93 0.00	43.50 3.19 0.00	39.79 3.12 0.00	39.28 3.07 -0.47	41.80 3.21 -2.10	48.19 3.58 -5.21	53.89 3.77 -10.44	58.00 4.04 -11.91	65.12 4.36 -14.34	66.23 4.78 -11.67	76.49 5.40 -15.38	78.34 5.71 -12.58	73.87 5.85 0.00	67.00 4.67 0.00	55.70 3.98 -0.01	48.25 3.62 -1.01	42.20 2.98 0.01
ASTORIA_GT_13 24227	44.13 3.42 0.02	38.70 3.10 -0.01	35.35 2.68 -0.01	33.88 2.63 -0.01	33.96 2.54 -0.01	36.00 2.36 0.00	43.57 2.66 0.00	44.19 2.93 0.00	43.50 3.19 0.00	39.79 3.12 0.00	39.28 3.07 -0.47	41.80 3.21 -2.10	48.19 3.58 -5.21	53.89 3.77 -10.44	58.00 4.04 -11.91	65.12 4.36 -14.34	66.23 4.78 -11.67	76.49 5.40 -15.38	78.34 5.71 -12.58	73.87 5.85 0.00	67.00 4.67 0.00	55.70 3.98 -0.01	48.25 3.62 -1.01	42.20 2.98 0.01
ASTORIA_GT_5 24106	44.30 3.58 0.02	38.77 3.17 -0.01	35.45 2.78 -0.01	34.04 2.78 -0.01	34.15 2.73 -0.01	36.17 2.52 0.00	43.62 2.70 0.00	44.19 2.93 0.00	43.50 3.19 0.00	39.75 3.08 0.00	39.35 3.15 -0.47	41.94 3.36 -2.09	48.30 3.70 -5.21	54.01 3.89 -10.44	58.12 4.16 -11.90	65.31 4.55 -14.34	66.37 4.93 -11.67	76.61 5.52 -15.38	78.52 5.89 -12.58	74.07 6.05 0.00	67.00 4.67 0.00	55.85 4.14 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
ASTORIA_GT_7 24107	44.30 3.58 0.02	38.77 3.17 -0.01	35.45 2.78 -0.01	34.04 2.78 -0.01	34.15 2.73 -0.01	36.17 2.52 0.00	43.62 2.70 0.00	44.19 2.93 0.00	43.50 3.19 0.00	39.75 3.08 0.00	39.35 3.15 -0.47	41.94 3.36 -2.09	48.30 3.70 -5.21	54.01 3.89 -10.44	58.12 4.16 -11.90	65.31 4.55 -14.34	66.37 4.93 -11.67	76.61 5.52 -15.38	78.52 5.89 -12.58	74.07 6.05 0.00	67.00 4.67 0.00	55.85 4.14 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
ASTORIA_GT_8 24108	44.30 3.58 0.02	38.77 3.17 -0.01	35.45 2.78 -0.01	34.04 2.78 -0.01	34.15 2.73 -0.01	36.17 2.52 0.00	43.62 2.70 0.00	44.19 2.93 0.00	43.50 3.19 0.00	39.75 3.08 0.00	39.35 3.15 -0.47	41.94 3.36 -2.09	48.30 3.70 -5.21	54.01 3.89 -10.44	58.12 4.16 -11.90	65.31 4.55 -14.34	66.37 4.93 -11.67	76.61 5.52 -15.38	78.52 5.89 -12.58	74.07 6.05 0.00	67.00 4.67 0.00	55.85 4.14 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
ASTORIA___2 24149	44.21 3.50 0.02	38.70 3.10 -0.01	35.39 2.71 -0.01	33.98 2.72 -0.01	34.05 2.64 -0.01	36.10 2.45 0.00	43.57 2.66 0.00	44.15 2.89 0.00	43.42 3.10 0.00	39.68 3.01 0.00	39.27 3.07 -0.46	41.83 3.25 -2.09	48.22 3.62 -5.20	53.96 3.85 -10.43	58.03 4.08 -11.90	65.30 4.55 -14.33	66.29 4.88 -11.63	76.32 5.35 -15.26	78.31 5.77 -12.48	73.93 5.91 0.00	66.86 4.55 0.01	55.85 4.14 -0.01	48.43 3.79 -1.01	42.32 3.10 0.01
ASTORIA___3 23516	44.13 3.42 0.02	38.70 3.10 -0.01	35.35 2.68 -0.01	33.88 2.63 -0.01	33.93 2.51 -0.01	36.00 2.35 0.00	43.61 2.70 0.00	44.27 3.01 0.00	43.50 3.18 0.00	39.79 3.12 0.00	39.28 3.07 -0.47	41.81 3.21 -2.10	48.19 3.58 -5.21	53.93 3.81 -10.44	58.00 4.04 -11.91	65.26 4.50 -14.34	66.25 4.83 -11.64	76.38 5.40 -15.27	78.25 5.71 -12.48	73.87 5.85 0.00	67.00 4.68 0.00	55.70 3.98 -0.01	48.25 3.62 -1.01	42.20 2.98 0.01
ASTORIA___4 23517	44.13 3.42 0.02	38.70 3.10 -0.01	35.35 2.68 -0.01	33.88 2.63 -0.01	33.96 2.54 -0.01	36.00 2.36 0.00	43.57 2.66 0.00	44.19 2.93 0.00	43.50 3.19 0.00	39.79 3.12 0.00	39.28 3.07 -0.47	41.80 3.21 -2.10	48.19 3.58 -5.21	53.89 3.77 -10.44	58.00 4.04 -11.91	65.12 4.36 -14.34	66.23 4.78 -11.67	76.49 5.40 -15.38	78.34 5.71 -12.58	73.87 5.85 0.00	67.00 4.67 0.00	55.70 3.98 -0.01	48.25 3.62 -1.01	42.20 2.98 0.01
ASTORIA___5 23518	44.13 3.42 0.02	38.70 3.10 -0.01	35.35 2.68 -0.01	33.88 2.63 -0.01	33.93 2.51 -0.01	36.00 2.35 0.00	43.61 2.70 0.00	44.27 3.01 0.00	43.50 3.18 0.00	39.79 3.12 0.00	39.28 3.07 -0.47	41.81 3.21 -2.10	48.19 3.58 -5.21	53.93 3.81 -10.44	58.00 4.04 -11.91	65.26 4.50 -14.34	66.25 4.83 -11.64	76.38 5.40 -15.27	78.25 5.71 -12.48	73.87 5.85 0.00	67.00 4.68 0.00	55.70 3.98 -0.01	48.25 3.62 -1.01	42.20 2.98 0.01
AST_ENERGY_2_CC3 323677	43.96 3.26 0.03	38.55 2.95 0.00	35.18 2.52 0.00	33.72 2.47 0.00	33.79 2.39 0.00	35.87 2.22 0.00	43.57 2.66 0.00	44.27 3.01 0.00	43.55 3.23 0.00	39.75 3.08 0.00	39.28 3.07 -0.46	41.80 3.21 -2.09	48.13 3.55 -5.19	53.85 3.77 -10.40	58.00 4.08 -11.87	65.26 4.55 -14.29	66.32 4.93 -11.61	76.44 5.46 -15.27	78.31 5.77 -12.48	74.01 5.99 0.00	67.19 4.86 0.00	55.59 3.88 -0.01	48.07 3.45 -1.00	42.00 2.79 0.02
AST_ENERGY_2_CC4 323678	43.96 3.26 0.03	38.55 2.95 0.00	35.18 2.52 0.00	33.72 2.47 0.00	33.79 2.39 0.00	35.87 2.22 0.00	43.57 2.66 0.00	44.27 3.01 0.00	43.55 3.23 0.00	39.75 3.08 0.00	39.28 3.07 -0.46	41.80 3.21 -2.09	48.13 3.55 -5.19	53.85 3.77 -10.40	58.00 4.08 -11.87	65.26 4.55 -14.29	66.32 4.93 -11.61	76.44 5.46 -15.27	78.31 5.77 -12.48	74.01 5.99 0.00	67.19 4.86 0.00	55.59 3.88 -0.01	48.07 3.45 -1.00	42.00 2.79 0.02

ATHENS_STG_1 23668	42.24 1.51 0.00	36.98 1.39 0.00	33.94 1.27 0.00	32.47 1.22 0.00	32.60 1.19 0.00	34.75 1.11 0.00	42.18 1.27 0.00	42.54 1.28 0.00	41.77 1.45 0.00	38.03 1.36 0.00	37.10 1.36 0.00	37.88 1.39 0.00	40.97 1.58 0.00	41.38 1.70 0.00	43.86 1.81 0.00	47.46 1.95 0.91	49.72 1.99 2.06	50.80 2.23 7.14	56.55 2.34 5.85	70.40 2.38 0.00	64.38 2.05 0.00	53.37 1.65 -0.01	46.16 1.48 -1.05	40.47 1.26 0.02
ATHENS_STG_2 23670	42.24 1.51 0.00	36.98 1.39 0.00	33.94 1.27 0.00	32.47 1.22 0.00	32.60 1.19 0.00	34.75 1.11 0.00	42.18 1.27 0.00	42.54 1.28 0.00	41.77 1.45 0.00	38.03 1.36 0.00	37.10 1.36 0.00	37.88 1.39 0.00	40.97 1.58 0.00	41.38 1.70 0.00	43.86 1.81 0.00	47.46 1.95 0.91	49.72 1.99 2.06	50.80 2.23 7.14	56.55 2.34 5.85	70.40 2.38 0.00	64.38 2.05 0.00	53.37 1.65 -0.01	46.16 1.48 -1.05	40.47 1.26 0.02
ATHENS_STG_3 23677	42.24 1.51 0.00	36.98 1.39 0.00	33.94 1.27 0.00	32.47 1.22 0.00	32.60 1.19 0.00	34.75 1.11 0.00	42.18 1.27 0.00	42.54 1.28 0.00	41.77 1.45 0.00	38.03 1.36 0.00	37.10 1.36 0.00	37.88 1.39 0.00	40.97 1.58 0.00	41.38 1.70 0.00	43.86 1.81 0.00	47.46 1.95 0.91	49.72 1.99 2.06	50.80 2.23 7.14	56.55 2.34 5.85	70.40 2.38 0.00	64.38 2.05 0.00	53.37 1.65 -0.01	46.16 1.48 -1.05	40.47 1.26 0.02
AUBURN____LFGE 323710	43.28 -0.53 -3.07	39.30 -0.28 -3.99	36.47 -0.29 -4.09	37.67 -0.31 -6.73	37.16 -0.28 -6.04	38.51 -0.24 -5.10	46.85 -0.16 -6.10	46.52 -0.21 -5.46	41.16 -0.36 -1.20	37.47 -0.29 -1.10	36.39 -0.43 -1.08	37.22 -0.36 -1.10	40.09 -0.47 -1.17	40.30 -0.56 -1.18	44.88 -0.59 -3.42	46.97 -0.60 -1.15	50.23 -0.70 -1.15	56.21 -0.67 -1.17	61.60 -0.72 -2.26	69.90 -0.48 -2.36	63.28 -0.37 -1.33	52.15 -0.47 -0.91	46.81 -0.61 -3.80	42.63 -0.55 -3.95
BABYLON_RES_REC 323704	45.20 4.11 -0.35	39.30 3.70 0.00	35.57 2.91 0.00	33.97 2.72 0.00	33.92 2.51 0.00	36.14 2.49 0.00	44.07 3.15 0.00	45.19 3.92 0.00	44.46 4.07 -0.07	40.58 3.78 -0.13	46.40 3.57 -7.09	44.72 3.65 -4.58	48.16 3.98 -4.80	49.23 4.20 -5.34	49.53 4.46 -3.03	53.17 4.78 -1.96	59.39 5.23 -4.39	76.15 5.18 -15.26	78.37 5.82 -12.49	74.27 6.25 0.00	66.81 4.49 0.00	55.90 4.19 0.00	48.77 4.15 -1.00	43.67 3.61 -0.83
BALL_HILL_WT_PWR 323825	23.39 -4.52 12.83	25.32 -3.59 6.68	18.54 -3.36 10.76	20.67 -3.31 7.27	21.53 -3.36 6.52	24.57 -3.57 5.51	18.68 -4.05 18.18	17.59 -4.09 19.59	17.12 -4.15 19.05	17.19 -3.63 15.85	15.01 -3.79 16.94	15.67 -3.87 16.96	16.32 -4.41 18.66	16.36 -4.44 18.88	16.09 -4.83 21.13	18.73 -5.48 22.21	22.85 -5.18 21.75	25.86 -5.91 23.94	32.89 -6.06 21.10	39.35 -6.60 22.07	43.31 -5.73 13.28	37.53 -5.01 9.16	33.32 -4.67 5.63	28.97 -4.32 5.95
BARON_WINDS____WT_PWR 323822	-6.00 -2.61 44.13	15.57 -1.99 18.03	-6.00 -1.83 36.84	17.61 -1.81 11.83	19.00 -1.79 10.61	22.81 -1.85 8.98	-0.74 -1.35 40.31	-6.00 -1.36 45.90	-6.00 -1.53 44.79	-6.00 -1.39 41.28	-6.00 -1.54 40.20	-6.00 -1.53 40.96	-6.00 -1.77 43.62	-6.00 -1.74 43.93	-6.00 -1.81 46.24	-6.00 -1.99 50.43	-6.00 -2.39 53.39	-6.00 -2.45 59.26	-6.00 -3.60 62.45	-6.00 -3.67 70.34	8.37 -3.11 50.84	14.07 -2.84 34.79	29.69 -2.70 11.23	24.30 -2.51 12.42
BARRETT_IC_1 23704	44.71 3.62 -0.35	38.87 3.27 0.00	35.28 2.61 0.00	33.72 2.47 0.00	33.70 2.29 0.00	35.87 2.22 0.00	43.70 2.78 0.00	44.69 3.42 0.00	43.94 3.55 -0.07	40.14 3.34 -0.13	46.05 3.22 -7.09	44.43 3.36 -4.58	47.86 3.66 -4.80	49.92 3.81 -6.43	49.92 4.08 -3.79	52.91 4.46 -2.03	58.95 4.78 -4.39	75.76 4.79 -15.26	77.84 5.29 -12.50	73.67 5.64 -0.01	66.44 4.11 0.00	55.67 3.88 -0.08	48.38 3.75 -1.01	43.28 3.22 -0.83
BARRETT_IC_10 23701	44.71 3.62 -0.35	38.87 3.27 0.00	35.28 2.61 0.00	33.72 2.47 0.00	33.70 2.29 0.00	35.87 2.22 0.00	43.70 2.78 0.00	44.69 3.42 0.00	43.94 3.55 -0.07	40.14 3.34 -0.13	46.05 3.22 -7.09	44.43 3.36 -4.58	47.86 3.66 -4.80	49.92 3.81 -6.43	49.92 4.08 -3.79	52.91 4.46 -2.03	58.95 4.78 -4.39	75.76 4.79 -15.26	77.84 5.29 -12.50	73.67 5.64 -0.01	66.44 4.11 0.00	55.67 3.88 -0.08	48.38 3.75 -1.01	43.28 3.22 -0.83
BARRETT_IC_11 23702	44.71 3.62 -0.35	38.87 3.27 0.00	35.28 2.61 0.00	33.72 2.47 0.00	33.70 2.29 0.00	35.87 2.22 0.00	43.70 2.78 0.00	44.69 3.42 0.00	43.94 3.55 -0.07	40.14 3.34 -0.13	46.05 3.22 -7.09	44.43 3.36 -4.58	47.86 3.66 -4.80	49.92 3.81 -6.43	49.92 4.08 -3.79	52.91 4.46 -2.03	58.95 4.78 -4.39	75.76 4.79 -15.26	77.84 5.29 -12.50	73.67 5.64 -0.01	66.44 4.11 0.00	55.67 3.88 -0.08	48.38 3.75 -1.01	43.28 3.22 -0.83
BARRETT_IC_12 23703	44.71 3.62 -0.35	38.87 3.27 0.00	35.28 2.61 0.00	33.72 2.47 0.00	33.70 2.29 0.00	35.87 2.22 0.00	43.70 2.78 0.00	44.69 3.42 0.00	43.94 3.55 -0.07	40.14 3.34 -0.13	46.05 3.22 -7.09	44.43 3.36 -4.58	47.86 3.66 -4.80	49.92 3.81 -6.43	49.92 4.08 -3.79	52.91 4.46 -2.03	58.95 4.78 -4.39	75.76 4.79 -15.26	77.84 5.29 -12.50	73.67 5.64 -0.01	66.44 4.11 0.00	55.67 3.88 -0.08	48.38 3.75 -1.01	43.28 3.22 -0.83
BARRETT_IC_2 23705	44.71 3.62 -0.35	38.87 3.27 0.00	35.28 2.61 0.00	33.72 2.47 0.00	33.70 2.29 0.00	35.87 2.22 0.00	43.70 2.78 0.00	44.69 3.42 0.00	43.94 3.55 -0.07	40.14 3.34 -0.13	46.05 3.22 -7.09	44.43 3.36 -4.58	47.86 3.66 -4.80	49.92 3.81 -6.43	49.92 4.08 -3.79	52.91 4.46 -2.03	58.95 4.78 -4.39	75.76 4.79 -15.26	77.84 5.29 -12.50	73.67 5.64 -0.01	66.44 4.11 0.00	55.67 3.88 -0.08	48.38 3.75 -1.01	43.28 3.22 -0.83
BARRETT_IC_3 23706	44.71 3.62 -0.35	38.87 3.27 0.00	35.28 2.61 0.00	33.72 2.47 0.00	33.70 2.29 0.00	35.87 2.22 0.00	43.70 2.78 0.00	44.69 3.42 0.00	43.94 3.55 -0.07	40.14 3.34 -0.13	46.05 3.22 -7.09	44.43 3.36 -4.58	47.86 3.66 -4.80	49.92 3.81 -6.43	49.92 4.08 -3.79	52.91 4.46 -2.03	58.95 4.78 -4.39	75.76 4.79 -15.26	77.84 5.29 -12.50	73.67 5.64 -0.01	66.44 4.11 0.00	55.67 3.88 -0.08	48.38 3.75 -1.01	43.28 3.22 -0.83
BARRETT_IC_4 23707	44.71 3.62 -0.35	38.87 3.27 0.00	35.28 2.61 0.00	33.72 2.47 0.00	33.70 2.29 0.00	35.87 2.22 0.00	43.70 2.78 0.00	44.69 3.42 0.00	43.94 3.55 -0.07	40.14 3.34 -0.13	46.05 3.22 -7.09	44.43 3.36 -4.58	47.86 3.66 -4.80	49.92 3.81 -6.43	49.92 4.08 -3.79	52.91 4.46 -2.03	58.95 4.78 -4.39	75.76 4.79 -15.26	77.84 5.29 -12.50	73.67 5.64 -0.01	66.44 4.11 0.00	55.67 3.88 -0.08	48.38 3.75 -1.01	43.28 3.22 -0.83
BARRETT_IC_5 23708	44.71 3.62 -0.35	38.87 3.27 0.00	35.28 2.61 0.00	33.72 2.47 0.00	33.70 2.29 0.00	35.87 2.22 0.00	43.70 2.78 0.00	44.69 3.42 0.00	43.94 3.55 -0.07	40.14 3.34 -0.13	46.05 3.22 -7.09	44.43 3.36 -4.58	47.86 3.66 -4.80	49.92 3.81 -6.43	49.92 4.08 -3.79	52.91 4.46 -2.03	58.95 4.78 -4.39	75.76 4.79 -15.26	77.84 5.29 -12.50	73.67 5.64 -0.01	66.44 4.11 0.00	55.67 3.88 -0.08	48.38 3.75 -1.01	43.28 3.22 -0.83

BARRETT_IC_6 23709	44.71 3.62 -0.35	38.87 3.27 0.00	35.28 2.61 0.00	33.72 2.47 0.00	33.70 2.29 0.00	35.87 2.22 0.00	43.70 2.78 0.00	44.69 3.42 0.00	43.94 3.55 -0.07	40.14 3.34 -0.13	46.05 3.22 -7.09	44.43 3.36 -4.58	47.86 3.66 -4.80	49.92 3.81 -6.43	49.92 4.08 -3.79	52.91 4.46 -2.03	58.95 4.78 -4.39	75.76 4.79 -15.26	77.84 5.29 -12.50	73.67 5.64 -0.01	66.44 4.11 0.00	55.67 3.88 -0.08	48.38 3.75 -1.01	43.28 3.22 -0.83
BARRETT_IC_7 23710	44.71 3.63 -0.35	38.87 3.28 0.00	35.31 2.65 0.00	33.72 2.47 0.00	33.70 2.29 0.00	35.87 2.22 0.00	43.45 2.54 0.00	44.44 3.18 0.00	43.94 3.55 -0.07	40.14 3.34 -0.13	46.05 3.22 -7.09	44.43 3.36 -4.58	47.85 3.66 -4.80	49.88 3.77 -6.43	49.88 4.04 -3.79	52.82 4.36 -2.03	58.78 4.58 -4.42	75.87 4.79 -15.37	77.92 5.28 -12.58	73.66 5.65 0.00	66.44 4.11 0.00	55.66 3.88 -0.08	48.33 3.71 -1.00	43.28 3.22 -0.83
BARRETT_IC_8 23711	44.71 3.62 -0.35	38.87 3.27 0.00	35.28 2.61 0.00	33.72 2.47 0.00	33.70 2.29 0.00	35.87 2.22 0.00	43.70 2.78 0.00	44.69 3.42 0.00	43.94 3.55 -0.07	40.14 3.34 -0.13	46.05 3.22 -7.09	44.43 3.36 -4.58	47.86 3.66 -4.80	49.92 3.81 -6.43	49.92 4.08 -3.79	52.91 4.46 -2.03	58.95 4.78 -4.39	75.76 4.79 -15.26	77.84 5.29 -12.50	73.67 5.64 -0.01	66.44 4.11 0.00	55.67 3.88 -0.08	48.38 3.75 -1.01	43.28 3.22 -0.83
BARRETT_IC_9 23700	44.71 3.62 -0.35	38.87 3.27 0.00	35.28 2.61 0.00	33.72 2.47 0.00	33.70 2.29 0.00	35.87 2.22 0.00	43.70 2.78 0.00	44.69 3.42 0.00	43.94 3.55 -0.07	40.14 3.34 -0.13	46.05 3.22 -7.09	44.43 3.36 -4.58	47.86 3.66 -4.80	49.92 3.81 -6.43	49.92 4.08 -3.79	52.91 4.46 -2.03	58.95 4.78 -4.39	75.76 4.79 -15.26	77.84 5.29 -12.50	73.67 5.64 -0.01	66.44 4.11 0.00	55.67 3.88 -0.08	48.38 3.75 -1.01	43.28 3.22 -0.83
BARRETT___1 23545	44.71 3.62 -0.35	38.87 3.27 0.00	35.28 2.61 0.00	33.72 2.47 0.00	33.70 2.29 0.00	35.87 2.22 0.00	43.70 2.78 0.00	44.69 3.42 0.00	43.94 3.55 -0.07	40.14 3.34 -0.13	46.05 3.22 -7.09	44.43 3.36 -4.58	47.86 3.66 -4.80	49.92 3.81 -6.43	49.92 4.08 -3.79	52.91 4.46 -2.03	58.95 4.78 -4.39	75.76 4.79 -15.26	77.84 5.29 -12.50	73.67 5.64 -0.01	66.44 4.11 0.00	55.67 3.88 -0.08	48.38 3.75 -1.01	43.28 3.22 -0.83
BARRETT___2 23546	44.71 3.62 -0.35	38.87 3.27 0.00	35.28 2.61 0.00	33.72 2.47 0.00	33.70 2.29 0.00	35.87 2.22 0.00	43.70 2.78 0.00	44.69 3.42 0.00	43.94 3.55 -0.07	40.14 3.34 -0.13	46.05 3.22 -7.09	44.43 3.36 -4.58	47.86 3.66 -4.80	49.92 3.81 -6.43	49.92 4.08 -3.79	52.91 4.46 -2.03	58.95 4.78 -4.39	75.76 4.79 -15.26	77.84 5.29 -12.50	73.67 5.64 -0.01	66.44 4.11 0.00	55.67 3.88 -0.08	48.38 3.75 -1.01	43.28 3.22 -0.83
BATAVIA___115KV_TB1 55881	29.00 -4.03 7.71	27.56 -3.10 4.94	22.85 -2.94 6.87	22.03 -2.88 6.35	22.92 -2.80 5.69	25.91 -2.93 4.81	25.02 -3.15 12.75	24.76 -3.22 13.29	28.19 -3.39 8.74	26.56 -3.01 7.11	24.91 -3.07 7.76	25.62 -3.14 7.73	27.31 -3.51 8.57	27.43 -3.57 8.68	27.47 -3.95 10.63	31.28 -4.27 10.87	33.68 -4.48 11.61	37.22 -5.13 13.37	41.75 -5.28 13.02	49.00 -5.37 13.65	48.89 -4.74 8.70	41.46 -4.19 6.06	34.84 -4.01 4.77	30.90 -3.73 4.61
BAYONEEC___CTG1 323682	43.96 3.26 0.03	38.55 2.95 0.00	35.22 2.55 0.00	33.75 2.50 0.00	33.79 2.39 0.00	35.87 2.22 0.00	43.61 2.70 0.00	44.32 3.05 0.00	43.63 3.31 0.00	39.83 3.15 0.00	39.35 3.15 -0.46	41.86 3.29 -2.08	48.16 3.62 -5.15	53.85 3.85 -10.32	57.99 4.16 -11.78	65.26 4.64 -14.20	66.32 4.98 -11.56	76.49 5.52 -15.27	78.36 5.82 -12.48	74.07 6.05 0.00	67.25 4.92 0.00	55.64 3.93 -0.01	48.11 3.49 -1.00	42.04 2.83 0.02
BAYONEEC___CTG10 323750	43.96 3.26 0.03	38.55 2.95 0.00	35.22 2.55 0.00	33.75 2.50 0.00	33.79 2.39 0.00	35.87 2.22 0.00	43.61 2.70 0.00	44.32 3.05 0.00	43.63 3.31 0.00	39.83 3.15 0.00	39.35 3.15 -0.46	41.86 3.29 -2.08	48.16 3.62 -5.15	53.85 3.85 -10.32	57.99 4.16 -11.78	65.26 4.64 -14.20	66.32 4.98 -11.56	76.49 5.52 -15.27	78.36 5.82 -12.48	74.07 6.05 0.00	67.25 4.92 0.00	55.64 3.93 -0.01	48.11 3.49 -1.00	42.04 2.83 0.02
BAYONEEC___CTG2 323683	43.96 3.26 0.03	38.55 2.95 0.00	35.22 2.55 0.00	33.75 2.50 0.00	33.79 2.39 0.00	35.87 2.22 0.00	43.61 2.70 0.00	44.32 3.05 0.00	43.63 3.31 0.00	39.83 3.15 0.00	39.35 3.15 -0.46	41.86 3.29 -2.08	48.16 3.62 -5.15	53.85 3.85 -10.32	57.99 4.16 -11.78	65.26 4.64 -14.20	66.32 4.98 -11.56	76.49 5.52 -15.27	78.36 5.82 -12.48	74.07 6.05 0.00	67.25 4.92 0.00	55.64 3.93 -0.01	48.11 3.49 -1.00	42.04 2.83 0.02
BAYONEEC___CTG3 323684	43.96 3.26 0.03	38.55 2.95 0.00	35.22 2.55 0.00	33.75 2.50 0.00	33.79 2.39 0.00	35.87 2.22 0.00	43.61 2.70 0.00	44.32 3.05 0.00	43.63 3.31 0.00	39.83 3.15 0.00	39.35 3.15 -0.46	41.86 3.29 -2.08	48.16 3.62 -5.15	53.85 3.85 -10.32	57.99 4.16 -11.78	65.26 4.64 -14.20	66.32 4.98 -11.56	76.49 5.52 -15.27	78.36 5.82 -12.48	74.07 6.05 0.00	67.25 4.92 0.00	55.64 3.93 -0.01	48.11 3.49 -1.00	42.04 2.83 0.02
BAYONEEC___CTG4 323685	43.96 3.26 0.03	38.55 2.95 0.00	35.22 2.55 0.00	33.75 2.50 0.00	33.79 2.39 0.00	35.87 2.22 0.00	43.61 2.70 0.00	44.32 3.05 0.00	43.63 3.31 0.00	39.83 3.15 0.00	39.35 3.15 -0.46	41.86 3.29 -2.08	48.16 3.62 -5.15	53.85 3.85 -10.32	57.99 4.16 -11.78	65.26 4.64 -14.20	66.32 4.98 -11.56	76.49 5.52 -15.27	78.36 5.82 -12.48	74.07 6.05 0.00	67.25 4.92 0.00	55.64 3.93 -0.01	48.11 3.49 -1.00	42.04 2.83 0.02
BAYONEEC___CTG5 323686	43.96 3.26 0.03	38.55 2.95 0.00	35.22 2.55 0.00	33.75 2.50 0.00	33.79 2.39 0.00	35.87 2.22 0.00	43.61 2.70 0.00	44.32 3.05 0.00	43.63 3.31 0.00	39.83 3.15 0.00	39.35 3.15 -0.46	41.86 3.29 -2.08	48.16 3.62 -5.15	53.85 3.85 -10.32	57.99 4.16 -11.78	65.26 4.64 -14.20	66.32 4.98 -11.56	76.49 5.52 -15.27	78.36 5.82 -12.48	74.07 6.05 0.00	67.25 4.92 0.00	55.64 3.93 -0.01	48.11 3.49 -1.00	42.04 2.83 0.02
BAYONEEC___CTG6 323687	43.96 3.26 0.03	38.55 2.95 0.00	35.22 2.55 0.00	33.75 2.50 0.00	33.79 2.39 0.00	35.87 2.22 0.00	43.61 2.70 0.00	44.32 3.05 0.00	43.63 3.31 0.00	39.83 3.15 0.00	39.35 3.15 -0.46	41.86 3.29 -2.08	48.16 3.62 -5.15	53.85 3.85 -10.32	57.99 4.16 -11.78	65.26 4.64 -14.20	66.32 4.98 -11.56	76.49 5.52 -15.27	78.36 5.82 -12.48	74.07 6.05 0.00	67.25 4.92 0.00	55.64 3.93 -0.01	48.11 3.49 -1.00	42.04 2.83 0.02
BAYONEEC___CTG7 323688	43.96 3.26 0.03	38.55 2.95 0.00	35.22 2.55 0.00	33.75 2.50 0.00	33.79 2.39 0.00	35.87 2.22 0.00	43.61 2.70 0.00	44.32 3.05 0.00	43.63 3.31 0.00	39.83 3.15 0.00	39.35 3.15 -0.46	41.86 3.29 -2.08	48.16 3.62 -5.15	53.85 3.85 -10.32	57.99 4.16 -11.78	65.26 4.64 -14.20	66.32 4.98 -11.56	76.49 5.52 -15.27	78.36 5.82 -12.48	74.07 6.05 0.00	67.25 4.92 0.00	55.64 3.93 -0.01	48.11 3.49 -1.00	42.04 2.83 0.02

BAYONEEC___CTG8 323689	43.96 3.26 0.03	38.55 2.95 0.00	35.22 2.55 0.00	33.75 2.50 0.00	33.79 2.39 0.00	35.87 2.22 0.00	43.61 2.70 0.00	44.32 3.05 0.00	43.63 3.31 0.00	39.83 3.15 0.00	39.35 3.15 -0.46	41.86 3.29 -2.08	48.16 3.62 -5.15	53.85 3.85 -10.32	57.99 4.16 -11.78	65.26 4.64 -14.20	66.32 4.98 -11.56	76.49 5.52 -15.27	78.36 5.82 -12.48	74.07 6.05 0.00	67.25 4.92 0.00	55.64 3.93 -0.01	48.11 3.49 -1.00	42.04 2.83 0.02
BAYONEEC___CTG9 323749	43.96 3.26 0.03	38.55 2.95 0.00	35.22 2.55 0.00	33.75 2.50 0.00	33.79 2.39 0.00	35.87 2.22 0.00	43.61 2.70 0.00	44.32 3.05 0.00	43.63 3.31 0.00	39.83 3.15 0.00	39.35 3.15 -0.46	41.86 3.29 -2.08	48.16 3.62 -5.15	53.85 3.85 -10.32	57.99 4.16 -11.78	65.26 4.64 -14.20	66.32 4.98 -11.56	76.49 5.52 -15.27	78.36 5.82 -12.48	74.07 6.05 0.00	67.25 4.92 0.00	55.64 3.93 -0.01	48.11 3.49 -1.00	42.04 2.83 0.02
BAYPORT_69_KV_BK 2 356364	45.73 4.64 -0.35	39.69 4.09 0.00	36.00 3.33 0.00	34.31 3.06 0.00	34.27 2.86 0.00	36.57 2.93 0.00	44.02 3.11 0.00	45.35 4.09 0.00	45.15 4.76 -0.07	41.20 4.40 -0.13	46.87 4.04 -7.09	45.09 4.01 -4.58	48.72 4.53 -4.80	49.70 4.72 -5.30	50.05 5.00 -3.00	53.67 5.29 -1.96	59.88 5.67 -4.42	76.82 5.74 -15.37	79.06 6.43 -12.58	74.96 6.94 0.00	67.31 4.99 0.00	56.47 4.76 0.00	49.12 4.49 -1.00	44.02 3.96 -0.83
BEACON___LESR 323632	42.24 1.51 0.00	36.98 1.39 0.00	34.07 1.40 0.00	32.56 1.31 0.00	32.73 1.32 0.00	34.96 1.31 0.00	42.06 1.14 0.00	42.25 0.99 0.00	41.33 1.01 0.00	37.59 0.92 0.00	36.67 0.93 0.00	37.37 0.87 0.00	40.41 1.02 0.00	40.79 1.11 0.00	43.23 1.18 0.00	47.60 1.25 0.07	51.12 1.49 0.15	56.81 1.62 0.52	61.61 1.98 0.43	70.33 2.31 0.00	64.63 2.31 0.00	53.61 1.86 -0.05	48.08 1.57 -2.89	40.64 1.41 0.00
BEAVER RIVER___HYD 24048	40.29 -0.45 0.00	35.10 -0.50 0.00	32.31 -0.36 0.00	30.94 -0.31 0.00	31.03 -0.38 0.00	33.41 -0.23 0.00	40.43 -0.49 0.00	40.65 -0.62 0.00	39.19 -1.13 0.00	35.28 -1.39 0.00	34.27 -1.47 0.00	34.96 -1.53 0.00	37.70 -1.69 0.00	38.01 -1.66 0.00	40.12 -1.93 0.00	44.24 -2.18 0.00	47.54 -2.24 0.00	53.65 -2.06 0.00	58.26 -1.80 0.00	66.25 -1.77 0.00	60.95 -1.37 0.00	50.78 -0.93 0.00	42.75 -0.87 0.00	38.49 -0.75 0.00
BEEBEE_GT_13 23619	35.01 -3.14 2.59	29.83 -2.49 3.27	26.91 -2.32 3.44	23.55 -2.28 5.42	24.38 -2.17 4.86	27.29 -2.25 4.10	30.45 -2.58 7.89	31.06 -2.56 7.64	36.67 -2.66 0.99	33.72 -2.31 0.64	32.59 -2.29 0.86	33.36 -2.30 0.83	35.81 -2.60 0.98	36.02 -2.66 1.00	36.27 -2.94 2.84	40.91 -3.16 2.36	43.50 -3.34 2.94	47.94 -3.84 3.92	52.95 -3.96 3.14	60.66 -4.01 3.34	55.76 -3.61 2.95	46.31 -3.26 2.15	36.86 -3.14 3.62	33.63 -2.86 2.74
BENSHRST_27_KV_BENSHRST_1 355998	44.50 3.79 0.02	38.99 3.38 -0.01	35.58 2.91 -0.01	34.04 2.78 -0.01	34.12 2.70 -0.01	36.14 2.49 0.00	43.74 2.82 0.00	44.36 3.09 0.00	43.67 3.35 0.00	39.90 3.23 0.00	39.46 3.25 -0.47	42.02 3.43 -2.10	48.50 3.90 -5.21	54.21 4.09 -10.44	58.29 4.33 -11.91	65.45 4.69 -14.34	66.58 5.13 -11.67	76.88 5.79 -15.38	78.76 6.13 -12.58	74.34 6.33 0.00	67.37 5.05 0.00	56.21 4.50 -0.01	48.73 4.10 -1.01	42.60 3.37 0.01
BETHLEHEM___GRP 23843	41.71 0.98 0.00	36.52 0.93 0.00	33.48 0.82 0.00	32.03 0.78 0.00	32.16 0.75 0.00	34.35 0.71 0.00	41.53 0.61 0.00	41.76 0.50 0.00	40.84 0.52 0.00	37.18 0.51 0.00	36.28 0.54 0.00	37.00 0.51 0.00	39.98 0.59 0.00	40.31 0.63 0.00	42.77 0.71 0.00	47.03 0.70 0.09	50.47 0.90 0.20	55.90 0.89 0.70	60.57 1.08 0.57	69.17 1.16 0.00	63.51 1.18 0.00	52.73 0.98 -0.04	47.35 0.87 -2.85	40.02 0.78 0.00
BETHLEHEM___GS1 323560	41.71 0.98 0.00	36.52 0.92 0.00	33.68 1.01 0.00	32.22 0.97 0.00	32.38 0.97 0.00	34.55 0.91 0.00	41.57 0.65 0.00	41.76 0.50 0.00	40.84 0.52 0.00	37.18 0.51 0.00	36.28 0.54 0.00	37.00 0.51 0.00	39.98 0.59 0.00	40.39 0.71 0.00	42.77 0.71 0.00	47.03 0.70 0.09	50.44 0.85 0.18	55.96 0.89 0.64	60.62 1.08 0.52	69.17 1.16 0.00	63.51 1.18 0.00	52.73 0.98 -0.04	47.30 0.83 -2.85	40.06 0.83 0.00
BETHLEHEM___GS2 323561	41.71 0.98 0.00	36.52 0.92 0.00	33.68 1.01 0.00	32.22 0.97 0.00	32.38 0.97 0.00	34.55 0.91 0.00	41.57 0.65 0.00	41.76 0.50 0.00	40.84 0.52 0.00	37.18 0.51 0.00	36.28 0.54 0.00	37.00 0.51 0.00	39.98 0.59 0.00	40.39 0.71 0.00	42.77 0.71 0.00	47.03 0.70 0.09	50.44 0.85 0.18	55.96 0.89 0.64	60.62 1.08 0.52	69.17 1.16 0.00	63.51 1.18 0.00	52.73 0.98 -0.04	47.30 0.83 -2.85	40.06 0.83 0.00
BETHLEHEM___GS3 323562	41.71 0.98 0.00	36.52 0.92 0.00	33.68 1.01 0.00	32.22 0.97 0.00	32.38 0.97 0.00	34.55 0.91 0.00	41.57 0.65 0.00	41.76 0.50 0.00	40.84 0.52 0.00	37.18 0.51 0.00	36.28 0.54 0.00	37.00 0.51 0.00	39.98 0.59 0.00	40.39 0.71 0.00	42.77 0.71 0.00	47.03 0.70 0.09	50.44 0.85 0.18	55.96 0.89 0.64	60.62 1.08 0.52	69.17 1.16 0.00	63.51 1.18 0.00	52.73 0.98 -0.04	47.30 0.83 -2.85	40.06 0.83 0.00
BETHLEHEM___STEEL 23779	23.51 -4.68 12.54	25.34 -3.67 6.59	18.65 -3.50 10.52	20.60 -3.41 7.25	21.39 -3.52 6.50	24.49 -3.67 5.49	19.09 -4.05 17.78	18.05 -4.09 19.12	20.64 -4.11 15.57	20.36 -3.59 12.72	18.17 -3.75 13.82	18.94 -3.76 13.79	19.91 -4.21 15.27	19.98 -4.25 15.45	19.99 -4.63 17.43	23.00 -5.06 18.36	25.19 -5.03 19.56	28.29 -5.79 21.63	33.02 -6.13 20.91	39.34 -6.80 21.88	43.06 -5.98 13.28	37.32 -5.22 9.17	33.17 -4.75 5.69	28.97 -4.35 5.90
BETHLHEM_115KV_TB1 79974	41.75 1.02 0.00	36.56 0.96 0.00	33.52 0.85 0.00	32.06 0.81 0.00	32.19 0.79 0.00	34.39 0.74 0.00	41.61 0.70 0.00	41.84 0.58 0.00	40.92 0.60 0.00	37.26 0.59 0.00	36.35 0.61 0.00	37.08 0.58 0.00	40.10 0.71 0.00	40.39 0.71 0.00	42.85 0.80 0.00	47.11 0.79 0.10	50.55 1.00 0.22	55.94 1.00 0.78	60.62 1.20 0.64	69.31 1.29 0.00	63.63 1.31 0.00	52.78 1.03 -0.04	47.29 0.92 -2.75	40.10 0.86 0.00
BETHPAGE_CC_5 323564	45.08 3.99 -0.35	39.19 3.59 0.00	35.54 2.88 0.00	33.94 2.69 0.00	33.89 2.48 0.00	36.10 2.45 0.00	43.98 3.07 0.00	45.10 3.84 0.00	44.34 3.95 -0.07	40.50 3.70 -0.13	46.37 3.54 -7.09	44.72 3.65 -4.58	48.12 3.94 -4.80	49.21 4.17 -5.37	49.55 4.46 -3.04	53.17 4.78 -1.96	59.30 5.13 -4.39	76.09 5.12 -15.26	78.25 5.71 -12.49	74.14 6.12 0.00	66.75 4.43 0.00	55.80 4.08 -0.01	48.68 4.06 -1.00	43.59 3.53 -0.83
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	23.96 -4.48 12.29	25.62 -3.52 6.45	19.04 -3.33 10.29	20.91 -3.25 7.09	21.66 -3.39 6.36	24.71 -3.57 5.37	19.34 -3.89 17.69	18.32 -3.92 19.02	21.03 -3.99 15.30	20.74 -3.45 12.49	18.51 -3.65 13.58	19.33 -3.61 13.55	20.29 -4.10 15.00	20.36 -4.13 15.19	20.40 -4.50 17.15	23.49 -4.87 18.06	25.74 -4.78 19.26	28.90 -5.52 21.30	33.79 -5.77 20.50	40.25 -6.33 21.45	43.68 -5.61 13.03	37.85 -4.86 9.00	33.55 -4.49 5.58	29.33 -4.12 5.78

BINGHAMTON___COGEN 23790	42.59 0.04 -1.81	37.57 0.14 -1.83	35.05 0.13 -2.26	34.03 0.09 -2.69	33.88 0.06 -2.41	35.75 0.07 -2.04	46.69 0.70 -5.08	47.10 0.70 -5.14	41.94 0.60 -1.01	37.84 0.51 -0.65	37.05 0.43 -0.88	37.85 0.51 -0.85	40.94 0.55 -1.00	41.26 0.56 -1.02	44.54 0.63 -1.86	48.09 0.70 -0.97	50.83 0.05 -1.00	57.32 0.17 -1.44	59.79 -0.24 0.03	67.16 -0.20 0.65	61.54 -0.19 0.60	50.90 -0.36 0.44	44.46 -0.44 -1.27	39.88 -0.43 -1.08
BIXINCNT_115KV_LOAD 355685	24.61 -4.81 11.32	25.95 -3.77 5.88	19.76 -3.50 9.41	21.50 -3.31 6.44	22.08 -3.55 5.77	25.10 -3.67 4.88	19.43 -4.09 17.39	18.41 -4.17 18.68	21.77 -4.27 14.27	21.20 -3.89 11.58	18.75 -4.32 12.66	19.49 -4.38 12.62	20.23 -5.16 14.00	20.18 -5.32 14.18	20.30 -5.68 16.07	23.27 -6.22 16.93	25.82 -5.87 18.08	29.27 -6.41 20.04	34.82 -6.37 18.87	41.46 -6.80 19.75	44.52 -5.73 12.07	38.50 -4.86 8.35	34.14 -4.36 5.12	30.00 -3.96 5.27
BLACK RIVER___HYD 24047	41.23 0.49 0.00	35.92 0.32 0.00	33.12 0.46 0.00	31.75 0.50 0.00	31.81 0.41 0.00	34.28 0.64 0.00	41.45 0.53 0.00	41.68 0.41 0.00	39.96 -0.36 0.00	35.83 -0.84 0.00	34.81 -0.93 0.00	35.54 -0.95 0.00	38.29 -1.10 0.00	38.61 -1.07 0.00	40.70 -1.35 0.00	44.94 -1.49 0.00	48.33 -1.45 0.00	54.76 -0.95 0.00	59.64 -0.42 0.00	67.88 -0.14 0.00	62.51 0.19 0.00	52.02 0.31 0.00	43.62 0.00 0.00	39.35 0.12 0.00
BLACKRVR_115KV_TB2 79977	41.22 0.49 0.00	35.95 0.36 0.00	33.12 0.46 0.00	31.75 0.50 0.00	31.82 0.41 0.00	34.28 0.64 0.00	41.45 0.53 0.00	41.68 0.41 0.00	39.96 -0.36 0.00	35.83 -0.84 0.00	34.81 -0.93 0.00	35.54 -0.95 0.00	38.29 -1.10 0.00	38.65 -1.03 0.00	40.71 -1.35 0.00	44.98 -1.44 0.00	48.34 -1.44 0.00	54.76 -0.95 0.00	59.64 -0.42 0.00	67.88 -0.14 0.00	62.51 0.19 0.00	52.02 0.31 0.00	43.62 0.00 0.00	39.35 0.12 0.00
BLISS_WT_PWR 323608	24.28 -5.13 11.32	25.66 -4.06 5.88	19.53 -3.72 9.41	21.34 -3.47 6.44	21.93 -3.71 5.77	24.93 -3.84 4.88	19.23 -4.30 17.39	18.25 -4.33 18.68	17.96 -4.48 17.88	17.68 -4.11 14.88	15.30 -4.54 15.90	15.86 -4.71 15.92	16.32 -5.55 17.52	16.20 -5.75 17.72	16.00 -6.10 19.95	18.61 -6.87 20.94	23.31 -6.42 20.05	26.56 -6.97 22.19	34.63 -6.90 18.52	41.30 -7.35 19.37	44.42 -6.17 11.74	38.43 -5.17 8.11	33.82 -4.80 5.00	29.60 -4.36 5.27
BLUESTONE___WT_PWR 323821	43.99 1.39 -1.87	38.65 1.28 -1.77	36.11 1.21 -2.23	35.01 1.19 -2.57	34.84 1.13 -2.31	36.87 1.28 -1.95	46.58 1.14 -4.52	46.99 1.15 -4.57	43.97 0.64 -3.01	39.39 0.22 -2.50	38.45 0.04 -2.67	39.24 0.07 -2.68	42.41 0.08 -2.95	42.86 0.20 -2.98	46.09 0.13 -3.91	49.82 0.19 -3.21	52.30 -0.10 -2.62	59.35 0.39 -3.24	62.83 0.42 -2.35	70.32 0.48 -1.82	63.63 0.50 -0.80	52.49 0.26 -0.53	45.33 -0.09 -1.80	40.58 -0.12 -1.46
BLUE_CIRC_CHEM_DRP 24182	42.12 1.38 0.00	36.88 1.28 0.00	33.88 1.21 0.00	32.38 1.13 0.00	32.54 1.13 0.00	34.72 1.28 0.00	41.98 1.06 0.00	42.13 0.87 0.00	41.09 0.77 0.00	37.37 0.70 0.00	36.42 0.68 0.00	37.11 0.62 0.00	40.14 0.75 0.00	40.43 0.75 0.00	42.89 0.84 0.00	47.35 0.93 0.00	50.92 1.14 0.00	56.99 1.28 0.00	61.68 1.62 0.00	69.99 1.97 0.00	64.26 1.93 0.00	53.34 1.60 -0.03	47.34 1.35 -2.37	40.49 1.26 0.00
BOC_GAS_DRP 24189	41.79 1.06 0.00	36.59 1.00 0.00	33.58 0.91 0.00	32.13 0.88 0.00	32.26 0.85 0.00	34.45 0.81 0.00	41.73 0.82 0.00	42.01 0.74 0.00	41.13 0.81 0.00	37.48 0.81 0.00	36.53 0.79 0.00	37.29 0.80 0.00	40.30 0.91 0.00	40.63 0.95 0.00	43.10 1.05 0.00	47.34 1.07 0.15	50.68 1.24 0.34	55.86 1.34 1.18	60.59 1.50 0.97	69.51 1.50 0.00	63.70 1.37 0.00	52.88 1.14 -0.03	46.91 1.05 -2.25	40.14 0.90 0.00
BOONVILLE_115KV_TB1 79983	40.90 0.16 0.00	35.70 0.11 0.00	32.83 0.16 0.00	31.41 0.16 0.00	31.53 0.13 0.00	33.85 0.20 0.00	41.04 0.12 0.00	41.35 0.08 0.00	40.08 -0.24 0.00	36.19 -0.48 0.00	35.24 -0.50 0.00	35.98 -0.51 0.00	38.84 -0.55 0.00	39.20 -0.48 0.00	41.42 -0.63 0.00	45.73 -0.70 0.00	49.08 -0.70 0.00	55.32 -0.39 0.00	59.88 -0.18 0.00	67.88 -0.14 0.00	62.26 -0.06 0.00	51.71 0.00 0.00	43.53 -0.09 0.00	39.15 -0.08 0.00
BORALEX_4TH_BRANCH 23824	43.06 2.32 0.00	37.66 2.06 0.00	34.40 1.73 0.00	32.94 1.69 0.00	33.07 1.66 0.00	35.36 1.72 0.00	42.47 1.55 0.00	42.46 1.20 0.00	41.57 1.25 0.00	37.99 1.32 0.00	37.10 1.36 0.00	37.73 1.24 0.00	40.81 1.42 0.00	41.07 1.39 0.00	43.61 1.56 0.00	48.33 1.90 0.00	52.17 2.39 0.00	58.16 2.45 0.00	63.06 3.00 0.00	70.88 2.86 0.00	65.44 3.12 0.00	54.51 2.74 -0.06	49.64 2.44 -3.58	41.23 2.00 0.00
BOWLINE___1 23526	43.35 2.65 0.03	37.98 2.39 0.00	34.73 2.06 0.00	33.25 2.00 0.00	33.32 1.92 0.00	35.43 1.78 0.00	43.08 2.17 0.00	43.70 2.43 0.00	42.90 2.58 0.00	39.13 2.46 0.00	38.20 2.46 0.00	39.08 2.59 0.00	42.26 2.87 0.00	42.77 3.10 0.00	45.42 3.37 0.00	52.04 3.76 -1.86	58.02 4.08 -4.16	74.66 4.51 -14.44	76.68 4.81 -11.82	72.98 4.96 0.00	66.44 4.11 0.00	54.87 3.15 -0.01	47.34 2.75 -0.97	41.45 2.24 0.02
BOWLINE___2 23595	43.35 2.65 0.03	37.98 2.39 0.00	34.73 2.06 0.00	33.25 2.00 0.00	33.32 1.92 0.00	35.43 1.78 0.00	43.08 2.17 0.00	43.70 2.43 0.00	42.90 2.58 0.00	39.13 2.46 0.00	38.20 2.46 0.00	39.08 2.59 0.00	42.26 2.87 0.00	42.77 3.10 0.00	45.42 3.37 -1.86	52.04 3.76 -4.16	58.02 4.08 -14.44	74.66 4.51 -14.44	76.68 4.81 -11.82	72.98 4.96 0.00	66.44 4.11 0.00	54.87 3.15 -0.01	47.35 2.75 -0.97	41.45 2.24 0.02
BRADY___115KV_TB2 356060	40.61 -0.12 0.00	35.28 -0.32 0.00	32.44 -0.23 0.00	31.03 -0.22 0.00	31.16 -0.25 0.00	33.54 -0.10 0.00	40.67 -0.25 0.00	40.97 -0.29 0.00	39.84 -0.48 0.00	36.01 -0.66 0.00	35.06 -0.68 0.00	35.72 -0.77 0.00	38.72 -0.67 0.00	38.96 -0.71 0.00	41.17 -0.88 0.00	45.45 -0.97 0.00	48.68 -1.10 0.00	54.48 -1.23 0.00	58.92 -1.14 0.00	67.13 -0.88 0.00	61.70 -0.62 0.00	51.55 -0.16 0.00	43.62 0.00 0.00	39.23 0.00 0.00
BRANSCOMB___SOLAR 323811	43.22 2.49 0.00	37.84 2.24 0.00	34.69 2.03 0.00	33.16 1.91 0.00	33.32 1.92 0.00	35.63 1.98 0.00	43.04 2.13 0.00	43.04 1.77 0.00	41.89 1.57 0.00	37.99 1.32 0.00	36.99 1.25 0.00	37.51 1.02 0.00	40.53 1.14 0.00	40.87 1.19 0.00	43.19 1.14 0.00	47.87 1.53 0.09	51.55 1.94 0.17	57.51 2.39 0.60	62.63 3.06 0.49	72.10 4.08 0.00	66.57 4.24 0.00	55.30 3.52 -0.08	50.92 2.92 -4.38	41.71 2.47 0.00
BRDGHMPT_69_KV_BK1 55812	45.28 4.20 -0.35	39.30 3.70 0.00	35.67 3.01 0.00	34.00 2.75 0.00	33.89 2.48 0.00	36.27 2.62 0.00	43.57 2.66 0.00	45.18 3.92 0.00	45.23 4.84 -0.07	41.27 4.47 -0.13	46.72 3.90 -7.09	44.94 3.87 -4.58	48.64 4.45 -4.80	49.69 4.72 -5.29	49.88 4.84 -2.99	53.58 5.20 -1.96	59.88 5.67 -4.42	76.82 5.74 -15.37	79.12 6.49 -12.58	74.96 6.94 0.00	67.00 4.67 0.00	56.16 4.45 0.00	48.77 4.14 -1.00	43.55 3.49 -0.83

BRENTWOD_69_KV_W. BRTWOOD 56703	45.40 4.32 -0.35	39.44 3.84 0.00	35.77 3.10 0.00	34.13 2.88 0.00	34.08 2.67 0.00	36.34 2.69 0.00	43.86 2.95 0.00	45.06 3.80 0.00	44.75 4.35 -0.07	40.83 4.03 -0.13	46.58 3.75 -7.09	44.87 3.80 -4.58	48.32 4.14 -4.80	49.27 4.29 -5.30	49.63 4.58 -3.00	53.16 4.78 -1.96	59.28 5.08 -4.42	76.09 5.01 -15.37	78.28 5.65 -12.58	74.14 6.12 0.00	66.63 4.30 0.00	56.00 4.29 0.00	48.90 4.27 -1.00	43.86 3.81 -0.83
BRISTLHL_115KV_TB1 79998	39.68 -1.06 0.00	34.78 -0.82 0.00	31.88 -0.78 0.00	30.50 -0.75 0.00	30.68 -0.72 0.00	32.87 -0.77 0.00	40.06 -0.86 0.00	40.36 -0.91 0.00	39.35 -0.97 0.00	35.83 -0.84 0.00	34.85 -0.89 0.00	35.62 -0.88 0.00	38.33 -1.06 0.00	38.57 -1.11 0.00	40.87 -1.18 0.00	45.96 -1.30 -0.83	49.56 -1.44 -1.22	55.96 -1.56 -1.81	60.52 -1.62 -2.09	68.54 -1.70 -2.22	62.80 -1.50 -1.97	51.80 -1.34 -1.44	43.05 -1.27 -0.70	38.21 -1.02 0.00
BROOKHAVEN___DRP 24191	45.12 4.03 -0.35	39.19 3.60 0.00	35.57 2.91 0.00	33.94 2.69 0.00	33.86 2.45 0.00	36.20 2.56 0.00	43.45 2.54 0.00	44.81 3.55 0.00	44.75 4.35 -0.07	40.83 4.03 -0.13	46.30 3.47 -7.09	44.51 3.43 -4.58	48.09 3.90 -4.80	49.06 4.09 -5.29	49.21 4.16 -2.99	52.74 4.36 -1.96	58.88 4.68 -4.42	75.65 4.57 -15.37	77.80 5.16 -12.58	73.60 5.58 0.00	66.06 3.74 0.00	55.48 3.77 0.00	48.38 3.75 -1.00	43.35 3.30 -0.83
BROOKLYN_NAVY_YARD 23515	43.96 3.26 0.03	38.55 2.95 0.00	35.18 2.52 0.00	33.72 2.47 0.00	33.76 2.36 0.00	35.83 2.19 0.00	43.61 2.70 0.00	44.32 3.05 0.00	43.63 3.31 0.00	39.79 3.12 0.00	39.27 3.07 -0.46	41.74 3.17 -2.08	48.09 3.55 -5.15	53.77 3.77 -10.32	57.91 4.08 -11.78	65.17 4.55 -14.20	66.27 4.93 -11.56	76.49 5.52 -15.27	78.36 5.82 -12.48	74.01 5.99 0.00	67.25 4.92 0.00	55.59 3.88 -0.01	48.11 3.49 -1.00	42.04 2.83 0.02
BROOKLYN___ARMY_DRP 323595	44.30 3.58 0.02	38.85 3.24 -0.01	35.42 2.74 -0.01	33.92 2.66 -0.01	33.99 2.58 -0.01	36.00 2.36 0.00	43.57 2.66 0.00	44.15 2.89 0.00	43.46 3.14 0.00	39.72 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.26 3.66 -5.21	53.97 3.85 -10.44	58.08 4.12 -11.91	65.17 4.41 -14.34	66.28 4.83 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	67.00 4.67 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
BROOME_2_LFGE 323671	42.59 0.04 -1.81	37.57 0.14 -1.83	35.02 0.10 -2.26	34.03 0.09 -2.69	33.88 0.06 -2.41	35.75 0.07 -2.04	46.69 0.69 -5.08	47.10 0.70 -5.14	44.29 0.61 -3.37	39.99 0.51 -2.80	39.20 0.46 -3.00	40.00 0.51 -3.00	43.20 0.51 -3.30	43.57 0.56 -3.34	47.07 0.63 -4.39	50.70 0.70 -3.58	52.30 0.05 -2.48	58.92 0.17 -3.04	59.68 -0.24 0.14	67.08 -0.20 0.73	61.46 -0.19 0.68	50.85 -0.36 0.50	44.39 -0.48 -1.25	39.84 -0.47 -1.08
BROOME___LFGE 323600	42.59 0.04 -1.81	37.57 0.14 -1.83	35.02 0.10 -2.26	34.03 0.09 -2.69	33.88 0.06 -2.41	35.75 0.07 -2.04	46.69 0.69 -5.08	47.10 0.70 -5.14	44.29 0.61 -3.37	39.99 0.51 -2.80	39.20 0.46 -3.00	40.00 0.51 -3.00	43.20 0.51 -3.30	43.57 0.56 -3.34	47.07 0.63 -4.39	50.70 0.70 -3.58	52.30 0.05 -2.48	58.92 0.17 -3.04	59.68 -0.24 0.14	67.08 -0.20 0.73	61.46 -0.19 0.68	50.85 -0.36 0.50	44.39 -0.48 -1.25	39.84 -0.47 -1.08
BROWNFLS_115KV_TB_3_5 80003	40.00 -0.73 0.00	34.78 -0.82 0.00	31.98 -0.69 0.00	30.63 -0.63 0.00	30.72 -0.69 0.00	33.07 -0.57 0.00	40.10 -0.82 0.00	40.36 -0.91 0.00	39.11 -1.21 0.00	35.24 -1.43 0.00	34.27 -1.47 0.00	34.89 -1.61 0.00	37.70 -1.69 0.00	37.97 -1.71 0.00	39.99 -2.06 0.00	44.19 -2.23 0.00	47.34 -2.44 0.00	53.26 -2.45 0.00	57.71 -2.34 0.00	65.64 -2.38 0.00	60.39 -1.93 0.00	50.47 -1.24 0.00	42.62 -1.00 0.00	38.37 -0.86 0.00
BROWNSV1_27_KV_LOAD 356125	44.33 3.63 0.03	38.87 3.28 0.00	35.51 2.84 0.00	34.00 2.75 0.00	34.05 2.64 0.00	36.14 2.49 0.00	43.90 2.99 0.00	44.61 3.34 0.00	43.95 3.63 0.00	40.12 3.45 0.00	39.63 3.43 -0.46	42.15 3.58 -2.08	48.52 3.98 -5.15	54.17 4.17 -10.32	58.33 4.50 -11.78	65.63 5.01 -14.20	66.85 5.48 -11.59	77.22 6.13 -15.38	79.12 6.49 -12.58	74.82 6.80 0.00	67.93 5.61 0.00	56.16 4.45 -0.01	48.51 3.88 -1.00	42.39 3.18 0.02
BURROWS___LYONSDAL 23803	40.61 -0.12 0.00	35.46 -0.14 0.00	32.60 -0.07 0.00	31.22 -0.03 0.00	31.31 -0.09 0.00	33.65 0.00 0.00	40.79 -0.12 0.00	41.06 -0.21 0.00	39.75 -0.56 0.00	35.86 -0.81 0.00	34.92 -0.82 0.00	35.65 -0.95 0.00	38.44 -0.87 0.00	38.80 -1.05 0.00	41.00 -1.16 0.00	45.26 -1.19 0.00	48.58 -0.95 0.00	54.76 -0.72 0.00	59.34 -0.75 0.00	67.27 -0.75 0.00	61.76 -0.56 0.00	51.35 -0.36 0.00	43.18 -0.44 0.00	38.88 -0.35 0.00
CAITHNESS_CC_1 323624	45.08 3.99 -0.35	39.27 3.67 0.00	35.54 2.88 0.00	33.88 2.63 0.00	33.83 2.42 0.00	36.14 2.49 0.00	43.90 2.99 0.00	45.26 4.00 0.00	44.62 4.23 -0.07	40.76 3.96 -0.13	46.26 3.43 -7.09	44.47 3.39 -4.58	48.01 3.82 -4.80	49.06 4.09 -5.29	49.21 4.16 -2.99	52.79 4.41 -1.96	59.00 4.83 -4.39	75.48 4.51 -15.25	77.65 5.10 -12.49	73.46 5.44 0.00	65.94 3.61 0.00	55.43 3.73 0.00	48.38 3.75 -1.00	43.35 3.30 -0.83
CALPINE BETH_PAGE_GT4 24209	45.08 3.99 -0.35	39.16 3.56 0.00	35.57 2.91 0.00	33.94 2.69 0.00	33.92 2.51 0.00	36.10 2.46 0.00	43.70 2.78 0.00	44.77 3.51 0.00	44.34 3.95 -0.07	40.47 3.67 -0.13	46.37 3.54 -7.09	44.72 3.65 -4.58	48.09 3.90 -4.80	49.13 4.05 -5.41	49.50 4.37 -3.07	53.08 4.69 -1.96	58.98 4.78 -4.42	76.04 4.96 -15.37	78.16 5.53 -12.58	73.94 5.92 0.00	66.56 4.24 0.00	55.65 3.93 -0.01	48.59 3.97 -1.00	43.59 3.53 -0.83
CALPINE_BETH_PAGE_GT_4 323586	45.08 3.99 -0.35	39.19 3.59 0.00	35.54 2.88 0.00	33.94 2.69 0.00	33.89 2.48 0.00	36.10 2.45 0.00	43.98 3.07 0.00	45.06 3.79 0.00	44.34 3.95 -0.07	40.50 3.70 -0.13	46.37 3.54 -7.09	44.72 3.65 -4.58	48.09 3.90 -4.80	49.17 4.09 -5.41	49.54 4.41 -3.07	53.12 4.74 -1.96	59.15 4.98 -4.39	75.98 5.02 -15.26	78.13 5.59 -12.49	73.93 5.91 0.00	66.57 4.24 0.00	55.65 3.93 -0.01	48.59 3.97 -1.00	43.59 3.53 -0.83
CALPINE_BP_GT1 23823	45.08 3.99 -0.35	39.19 3.59 0.00	35.54 2.88 0.00	33.94 2.69 0.00	33.89 2.48 0.00	36.10 2.45 0.00	43.98 3.07 0.00	45.06 3.79 0.00	44.34 3.95 -0.07	40.50 3.70 -0.13	46.37 3.54 -7.09	44.72 3.65 -4.58	48.09 3.90 -4.80	49.17 4.09 -5.41	49.54 4.41 -3.07	53.12 4.74 -1.96	59.15 4.98 -4.39	75.98 5.02 -15.26	78.13 5.59 -12.49	73.93 5.91 0.00	66.57 4.24 0.00	55.65 3.93 -0.01	48.59 3.97 -1.00	43.59 3.53 -0.83
CALSPAN___DRP 24200	23.51 -4.68 12.54	25.34 -3.67 6.59	18.65 -3.50 10.52	20.60 -3.41 7.25	21.39 -3.52 6.50	24.49 -3.67 5.49	19.09 -4.05 17.78	18.05 -4.09 19.12	20.64 -4.11 15.57	20.36 -3.59 12.72	18.17 -3.75 13.82	18.94 -3.76 13.79	19.91 -4.21 15.27	19.98 -4.25 15.45	19.99 -4.63 17.43	23.00 -5.06 18.36	25.19 -5.03 19.56	28.29 -5.79 21.63	33.02 -6.13 20.91	39.34 -6.80 21.88	43.06 -5.98 13.28	37.32 -5.22 9.17	33.17 -4.75 5.69	28.97 -4.35 5.90

CALVERTON___SOLAR 323806	45.20 -4.11 -0.35	39.37 3.77 0.00	35.61 2.94 0.00	33.94 2.69 0.00	33.89 2.48 0.00	36.24 2.59 0.00	44.02 3.11 0.00	45.43 4.17 0.00	44.87 4.47 -0.07	40.94 4.14 -0.13	46.37 3.54 -7.09	44.54 3.47 -4.58	48.16 3.98 -4.80	49.22 4.25 -5.29	49.29 4.25 -2.99	52.93 4.55 -1.96	59.19 5.03 -4.39	75.70 4.73 -15.25	77.95 5.41 -12.49	73.80 5.78 0.00	66.19 3.87 0.00	55.59 3.88 0.00	48.46 3.84 -1.00	43.35 3.30 -0.83
CANDIGU_WT_PWR 323617	-6.00 -2.61 44.13	15.57 -1.99 18.03	-6.00 -1.83 36.84	17.61 -1.81 11.83	19.00 -1.79 10.61	22.81 -1.85 8.98	-0.74 -1.35 40.31	-6.00 -1.36 45.90	-6.00 -1.53 44.79	-6.00 -1.39 41.28	-6.00 -1.54 40.20	-6.00 -1.53 40.96	-6.00 -1.77 43.62	-6.00 -1.74 43.93	-6.00 -1.81 46.24	-6.00 -1.99 50.43	-6.00 -2.39 53.39	-6.00 -2.45 59.26	-6.00 -3.60 62.45	-6.00 -3.67 70.34	8.37 -3.11 50.84	14.07 -2.84 34.79	29.69 -2.70 11.23	24.30 -2.51 12.42
CARR STREET_E_SYR 24060	39.96 -0.78 0.00	35.03 -0.57 0.00	32.11 -0.56 0.00	30.72 -0.53 0.00	30.90 -0.50 0.00	33.11 -0.54 0.00	40.38 -0.53 0.00	40.73 -0.54 0.00	39.72 -0.60 0.00	36.16 -0.51 0.00	35.20 -0.54 0.00	35.98 -0.51 0.00	38.72 -0.67 0.00	38.92 -0.76 0.00	41.30 -0.76 0.00	45.08 -0.83 0.50	48.10 -0.95 0.73	53.62 -1.00 1.09	57.67 -1.14 1.24	65.54 -1.16 1.32	60.16 -1.00 1.17	49.93 -0.93 0.85	42.29 -0.92 0.41	38.45 -0.78 0.00
CARTHAGE___PAPER 23857	40.78 0.04 0.00	35.49 -0.11 0.00	32.70 0.03 0.00	31.31 0.06 0.00	31.41 0.00 0.00	33.85 0.20 0.00	40.91 0.00 0.00	41.14 -0.12 0.00	39.55 -0.77 0.00	35.53 -1.14 0.00	34.52 -1.22 0.00	35.21 -1.28 0.00	37.97 -1.42 0.00	38.29 -1.39 0.00	40.37 -1.68 0.00	44.56 -1.86 0.00	47.89 -1.89 0.00	54.15 -1.56 0.00	58.91 -1.14 0.00	67.07 -0.95 0.00	61.70 -0.62 0.00	51.45 -0.26 0.00	43.18 -0.44 0.00	38.92 -0.32 0.00
CASSADAGA_WT_PWR 323784	24.33 -4.52 11.88	25.69 -3.74 6.17	19.29 -3.46 9.91	21.12 -3.41 6.73	22.01 -3.36 6.03	24.95 -3.60 5.10	19.15 -4.05 17.72	18.12 -4.09 19.06	17.64 -4.31 18.36	17.47 -3.92 15.28	15.19 -4.22 16.33	15.76 -4.38 16.35	16.24 -5.16 17.99	16.08 -5.40 18.20	15.64 -5.97 20.44	18.32 -6.64 21.46	22.93 -6.12 20.72	25.98 -6.85 22.87	34.04 -6.54 19.47	40.91 -6.74 20.37	44.54 -5.49 12.30	38.51 -4.71 8.50	33.95 -4.45 5.22	29.60 -4.12 5.51
CE_DUNWOOD___DRP 24194	43.64 2.93 0.03	38.23 2.63 0.00	34.99 2.32 0.00	33.50 2.25 0.00	33.57 2.17 0.00	35.66 2.02 0.00	43.29 2.37 0.00	43.90 2.64 0.00	43.22 2.90 0.00	39.38 2.71 0.00	38.49 2.75 0.00	39.34 2.85 0.00	42.58 3.19 0.00	43.05 3.37 0.00	45.71 3.66 0.00	52.42 4.04 -1.95	58.61 4.43 -4.41	75.98 4.96 -15.31	77.87 5.28 -12.53	73.46 5.44 0.00	66.87 4.55 0.00	55.23 3.52 -0.01	47.72 3.10 -1.00	41.72 2.51 0.02
CE_MILLWOOD___DRP 24193	43.55 2.85 0.03	38.16 2.56 0.00	34.89 2.22 0.00	33.41 2.16 0.00	33.51 2.10 0.00	35.60 1.95 0.00	43.21 2.29 0.00	43.82 2.56 0.00	43.10 2.78 0.00	39.27 2.60 0.00	38.38 2.64 0.00	39.23 2.74 0.00	42.46 3.07 0.00	42.93 3.25 0.00	45.58 3.53 0.00	52.26 3.90 -1.94	58.39 4.23 -4.38	75.71 4.79 -15.21	77.61 5.10 -12.45	73.26 5.24 0.00	66.69 4.36 0.00	55.08 3.36 -0.01	47.58 2.97 -1.00	41.65 2.43 0.02
CE_NYC2_DRP 24202	44.13 3.42 0.02	38.70 3.10 -0.01	35.35 2.68 -0.01	33.88 2.63 -0.01	33.96 2.54 -0.01	36.00 2.36 0.00	43.57 2.66 0.00	44.23 2.97 0.00	43.54 3.23 0.00	39.79 3.12 0.00	39.31 3.11 -0.47	41.84 3.25 -2.10	48.23 3.62 -5.21	53.89 3.77 -10.44	58.04 4.08 -11.91	65.21 4.46 -14.34	66.28 4.83 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	74.00 5.99 0.00	67.06 4.74 0.00	55.75 4.03 -0.01	48.30 3.66 -1.01	42.20 2.98 0.01
CE_NYC_DRP 24195	44.00 3.30 0.03	38.59 2.99 0.00	35.28 2.61 0.00	33.78 2.53 0.00	33.86 2.45 0.00	35.93 2.29 0.00	43.62 2.70 0.00	44.32 3.05 0.00	43.67 3.35 0.00	39.86 3.19 0.00	39.38 3.18 -0.46	41.89 3.32 -2.07	48.23 3.70 -5.14	53.86 3.89 -10.30	58.00 4.21 -11.75	65.23 4.64 -14.17	66.43 5.08 -11.57	76.72 5.63 -15.38	78.58 5.95 -12.58	74.21 6.19 0.00	67.37 5.05 0.00	55.70 3.98 -0.01	48.16 3.53 -1.00	42.08 2.86 0.02
CHAFFEE___LFGE 323603	24.31 -4.48 11.94	25.83 -3.52 6.24	19.40 -3.30 9.97	21.15 -3.25 6.85	21.91 -3.36 6.14	24.89 -3.57 5.19	19.40 -3.93 17.59	18.43 -3.92 18.91	18.12 -4.03 18.17	18.07 -3.48 15.12	15.97 -3.61 16.16	16.67 -3.65 16.18	17.49 -4.10 17.80	17.58 -4.09 18.01	17.39 -4.41 20.24	20.15 -5.01 21.25	24.46 -4.73 20.59	27.50 -5.46 22.76	34.75 -5.71 19.60	41.26 -6.26 20.50	44.39 -5.55 12.39	38.29 -4.86 8.55	33.78 -4.54 5.30	29.44 -4.20 5.59
CHATEAUG_35_KV_LOAD 355732	39.68 -1.06 0.00	34.53 -1.07 0.00	31.79 -0.88 0.00	30.41 -0.84 0.00	30.50 -0.91 0.00	32.80 -0.84 0.00	39.89 -1.02 0.00	40.15 -1.11 0.00	39.15 -1.17 0.00	35.50 -1.17 0.00	34.60 -1.14 0.00	35.32 -1.17 0.00	38.21 -1.18 0.00	38.49 -1.19 0.00	40.75 -1.30 0.00	45.03 -1.39 0.00	48.29 -1.49 0.00	54.04 -1.67 0.00	58.25 -1.80 0.00	66.39 -1.63 0.00	60.83 -1.50 0.00	50.67 -1.03 0.00	42.75 -0.87 0.00	38.53 -0.71 0.00
CHATEAUG_WT_PWR 323614	39.68 -1.06 0.00	34.53 -1.07 0.00	31.79 -0.88 0.00	30.41 -0.84 0.00	30.53 -0.88 0.00	32.84 -0.81 0.00	39.89 -1.02 0.00	40.19 -1.07 0.00	39.27 -1.05 0.00	35.61 -1.06 0.00	34.70 -1.04 0.00	35.43 -1.06 0.00	38.33 -1.06 0.00	38.65 -1.03 0.00	40.87 -1.18 0.00	45.07 -1.35 0.00	48.44 -1.34 0.00	54.15 -1.56 0.00	58.31 -1.74 0.00	66.32 -1.70 0.00	60.77 -1.56 0.00	50.67 -1.03 0.00	42.70 -0.92 0.00	38.53 -0.71 0.00
CHAT_HIGH_FALL_HYD 323578	39.68 -1.06 0.00	34.53 -1.07 0.00	31.79 -0.88 0.00	30.41 -0.84 0.00	30.50 -0.91 0.00	32.80 -0.84 0.00	39.89 -1.02 0.00	40.15 -1.11 0.00	39.15 -1.17 0.00	35.50 -1.17 0.00	34.60 -1.14 0.00	35.32 -1.17 0.00	38.21 -1.18 0.00	38.49 -1.19 0.00	40.75 -1.30 0.00	45.03 -1.39 0.00	48.29 -1.49 0.00	54.04 -1.67 0.00	58.25 -1.80 0.00	66.39 -1.63 0.00	60.83 -1.50 0.00	50.67 -1.03 0.00	42.75 -0.87 0.00	38.53 -0.71 0.00
CHAUTAUQUA___LFGE 323629	23.97 -4.44 12.32	25.59 -3.59 6.41	18.99 -3.36 10.31	20.94 -3.31 7.00	21.84 -3.30 6.27	24.81 -3.53 5.30	19.01 -4.01 17.90	17.96 -4.04 19.26	17.50 -4.19 18.63	17.47 -3.70 15.50	15.28 -3.89 16.57	15.89 -4.01 16.58	16.53 -4.61 18.25	16.49 -4.72 18.46	16.21 -5.13 20.71	18.91 -5.76 21.76	23.25 -5.38 21.15	26.31 -6.07 23.33	33.76 -6.06 20.23	40.39 -6.46 21.16	44.02 -5.55 12.76	38.09 -4.81 8.81	33.66 -4.54 5.42	29.31 -4.20 5.73
CHERRYST_13_KV_LD 356241	44.12 3.42 0.03	38.73 3.13 0.00	35.38 2.71 0.00	33.88 2.63 0.00	33.95 2.54 0.00	36.03 2.39 0.00	43.78 2.86 0.00	44.48 3.22 0.00	43.83 3.51 0.00	40.01 3.34 0.00	39.56 3.36 -0.46	42.07 3.50 -2.07	48.39 3.86 -5.14	54.02 4.05 -10.30	58.17 4.37 -11.75	65.46 4.87 -14.17	66.68 5.33 -11.57	76.99 5.91 -15.38	78.82 6.19 -12.58	74.48 6.46 0.00	67.62 5.30 0.00	55.90 4.19 -0.01	48.29 3.66 -1.00	42.20 2.98 0.02

CHESTROR_138KV_BK263 355645	43.02 2.32 0.03	37.70 2.10 0.00	34.50 1.83 0.00	33.00 1.75 0.00	33.10 1.70 0.00	35.19 1.55 0.00	42.80 1.88 0.00	43.28 2.02 0.00	42.50 2.18 0.00	38.72 2.05 0.00	37.81 2.07 0.00	38.64 2.15 0.00	41.79 2.40 0.00	42.26 2.58 0.00	44.87 2.82 0.00	51.29 3.16 -1.71	57.08 3.43 -3.86	73.03 3.90 -13.42	75.25 4.20 -10.99	72.30 4.29 0.00	65.94 3.61 0.00	54.45 2.74 -0.01	46.96 2.40 -0.94	41.13 1.92 0.02
CH_MIDHUDSON___DRP 24192	43.51 2.81 0.03	38.13 2.53 0.00	34.89 2.22 0.00	33.41 2.16 0.00	33.48 2.07 0.00	35.60 1.95 0.00	43.21 2.29 0.00	43.70 2.43 0.00	42.90 2.58 0.00	39.05 2.38 0.00	38.13 2.39 0.00	38.97 2.48 0.00	42.19 2.80 0.00	42.65 2.98 0.00	45.33 3.28 0.00	52.03 3.67 -1.94	58.14 3.98 -4.38	75.55 4.62 -15.21	77.49 4.98 -12.45	73.26 5.24 0.00	66.81 4.49 0.00	55.13 3.41 -0.01	47.76 3.05 -1.09	41.61 2.39 0.02
CH_MISC_IPPS 23765	43.72 3.01 0.03	38.27 2.67 0.00	34.99 2.32 0.00	33.50 2.25 0.00	33.54 2.14 0.00	35.66 2.02 0.00	43.41 2.50 0.00	43.86 2.60 0.00	43.02 2.70 0.00	39.13 2.46 0.00	38.17 2.43 0.00	39.01 2.52 0.00	42.26 2.87 0.00	42.77 3.10 0.00	45.46 3.40 0.00	52.21 3.90 -1.88	58.16 4.23 -4.16	75.05 4.90 -14.44	77.22 5.34 -11.82	73.66 5.64 0.00	67.19 4.86 0.00	55.39 3.67 -0.01	47.85 3.18 -1.05	41.76 2.55 0.02
CH_RES_BVR_FALLS 23983	40.33 -0.41 0.00	35.21 -0.39 0.00	32.31 -0.36 0.00	30.91 -0.34 0.00	31.06 -0.34 0.00	33.31 -0.34 0.00	40.51 -0.41 0.00	40.85 -0.41 0.00	39.92 -0.40 0.00	36.27 -0.40 0.00	35.35 -0.39 0.00	36.09 -0.40 0.00	39.00 -0.39 0.00	39.28 -0.40 0.00	41.59 -0.46 0.00	45.91 -0.51 0.00	49.23 -0.55 0.00	55.04 -0.67 0.00	59.34 -0.72 0.00	67.27 -0.75 0.00	61.64 -0.68 0.00	51.24 -0.47 0.00	43.23 -0.39 0.00	38.88 -0.35 0.00
CH_RES_NIAGARA 23895	24.57 -5.83 10.34	25.35 -4.63 5.62	19.74 -4.34 8.58	20.38 -4.25 6.62	21.26 -4.21 5.94	24.19 -4.44 5.02	20.87 -5.07 14.97	20.38 -4.99 15.89	23.44 -5.00 11.88	22.62 -4.36 9.68	20.77 -4.43 10.54	21.48 -4.49 10.52	22.74 -5.00 11.65	22.81 -5.08 11.79	22.79 -5.55 13.71	26.05 -6.03 14.34	27.85 -6.42 15.51	30.96 -7.41 17.34	35.20 -8.11 16.75	41.30 -9.18 17.54	43.16 -8.29 10.88	37.33 -6.88 7.50	32.30 -6.11 5.21	28.35 -5.53 5.35
CH_RES_SYRACUSE 23985	40.81 -0.53 -0.60	36.36 -0.32 -1.08	33.31 -0.33 -0.97	32.91 -0.31 -1.97	32.86 -0.31 -1.77	34.83 -0.30 -1.49	42.48 -0.28 -1.85	42.59 -0.33 -1.66	39.92 -0.40 0.00	36.30 -0.37 0.00	35.35 -0.39 0.00	36.13 -0.36 0.00	38.92 -0.47 0.00	39.12 -0.56 0.00	42.15 -0.55 -0.65	45.82 -0.60 0.00	49.08 -0.70 0.00	54.98 -0.73 0.00	59.27 -0.78 0.00	67.34 -0.68 0.00	61.70 -0.62 0.00	51.09 -0.62 0.00	44.00 -0.65 -1.03	39.83 -0.51 -1.11
CLINTON_WT_PWR 323605	39.68 -1.06 0.00	34.53 -1.07 0.00	31.79 -0.88 0.00	30.41 -0.84 0.00	30.53 -0.88 0.00	32.84 -0.81 0.00	39.89 -1.02 0.00	40.19 -1.07 0.00	39.27 -1.05 0.00	35.61 -1.06 0.00	34.70 -1.04 0.00	35.43 -1.06 0.00	38.33 -1.06 0.00	38.65 -1.03 0.00	40.87 -1.18 0.00	45.07 -1.35 0.00	48.44 -1.34 0.00	54.15 -1.56 0.00	58.31 -1.74 0.00	66.32 -1.70 0.00	60.77 -1.56 0.00	50.67 -1.03 0.00	42.70 -0.92 0.00	38.53 -0.71 0.00
CLINTON___LFGE 323618	40.08 -0.65 0.00	34.89 -0.71 0.00	32.08 -0.59 0.00	30.69 -0.56 0.00	30.78 -0.63 0.00	33.14 -0.50 0.00	40.26 -0.66 0.00	40.56 -0.70 0.00	39.63 -0.69 0.00	35.86 -0.81 0.00	34.92 -0.82 0.00	35.69 -0.80 0.00	38.64 -0.75 0.00	39.00 -0.67 0.00	41.21 -0.84 0.00	45.45 -0.98 0.00	48.88 -0.89 0.00	54.65 -1.06 0.00	58.91 -1.14 0.00	67.13 -0.89 0.00	61.51 -0.81 0.00	51.24 -0.47 0.00	43.23 -0.39 0.00	38.96 -0.27 0.00
COBBLENY_34_KV_TB1 80064	24.31 -4.48 11.94	25.87 -3.49 6.24	19.36 -3.33 9.97	21.15 -3.25 6.85	21.87 -3.39 6.14	24.92 -3.53 5.19	19.40 -3.93 17.59	18.39 -3.96 18.91	21.36 -4.03 14.93	21.03 -3.48 12.16	18.81 -3.68 13.25	19.62 -3.65 13.22	20.65 -4.10 14.64	20.76 -4.09 14.83	20.83 -4.46 16.77	23.94 -4.83 17.66	26.21 -4.73 18.84	29.46 -5.40 20.84	34.44 -5.71 19.91	40.93 -6.26 20.83	44.09 -5.55 12.68	38.08 -4.86 8.77	33.76 -4.45 5.41	29.52 -4.12 5.59
COFFEEN___115KV_TB3 355620	41.43 0.69 0.00	36.10 0.50 0.00	33.29 0.62 0.00	31.91 0.66 0.00	31.97 0.57 0.00	34.45 0.81 0.00	41.61 0.70 0.00	41.88 0.62 0.00	40.12 -0.20 0.00	35.94 -0.73 0.00	34.88 -0.86 0.00	35.65 -0.84 0.00	38.40 -0.98 0.00	38.73 -0.95 0.00	40.79 -1.26 0.00	45.08 -1.35 0.00	48.43 -1.34 0.00	54.99 -0.72 0.00	59.88 -0.18 0.00	68.22 0.20 0.00	62.82 0.50 0.00	52.33 0.62 0.00	43.84 0.22 0.00	39.55 0.31 0.00
COLDSPRG_115KV_BK1 355956	26.04 -3.50 11.19	27.01 -2.81 5.78	20.74 -2.65 9.28	22.29 -2.66 6.30	22.89 -2.86 5.65	25.87 -2.99 4.78	20.13 -3.36 17.43	19.07 -3.47 18.72	22.52 -3.63 14.17	22.03 -3.15 11.49	19.67 -3.50 12.57	20.46 -3.50 12.53	21.43 -4.06 13.90	21.47 -4.13 14.08	21.59 -4.50 15.96	24.68 -4.92 16.82	27.57 -4.23 17.98	31.01 -4.79 19.91	37.03 -4.38 18.65	43.88 -4.63 19.51	46.59 -3.80 11.94	40.03 -3.41 8.26	35.28 -3.32 5.03	30.96 -3.10 5.18
COLONIE_LFGE___ 323577	42.61 1.87 0.00	37.31 1.71 0.00	34.20 1.54 0.00	32.69 1.44 0.00	32.85 1.45 0.00	35.09 1.45 0.00	42.35 1.43 0.00	42.46 1.20 0.00	41.49 1.17 0.00	37.77 1.10 0.00	36.85 1.11 0.00	37.48 0.99 0.00	40.53 1.14 0.00	40.91 1.23 0.00	43.31 1.26 0.00	47.84 1.49 0.07	51.57 1.79 0.00	57.71 2.00 0.00	62.52 2.46 0.00	70.74 2.72 0.00	65.13 2.81 0.00	54.16 2.38 -0.07	49.60 2.01 -3.97	40.96 1.72 0.00
COOPERNY_115KV_TB1 80082	42.37 1.67 0.04	37.09 1.50 0.00	33.97 1.31 0.00	32.50 1.25 0.00	32.63 1.22 0.00	34.76 1.11 0.00	42.26 1.35 0.00	42.75 1.49 0.00	41.93 1.61 0.00	38.17 1.50 0.00	37.24 1.50 0.00	38.06 1.57 0.00	41.16 1.77 0.00	41.58 1.90 0.00	44.11 2.06 0.00	49.84 2.27 -1.14	54.80 2.44 -2.58	67.51 2.84 -8.96	70.39 3.00 -7.33	71.08 3.06 0.00	64.82 2.49 0.00	53.63 1.91 -0.01	46.06 1.66 -0.78	40.54 1.33 0.02
COPENHAGEN_WT_PWR 323753	41.10 0.37 0.00	35.81 0.21 0.00	32.99 0.33 0.00	31.63 0.38 0.00	31.72 0.31 0.00	34.15 0.51 0.00	41.28 0.37 0.00	41.55 0.29 0.00	39.92 -0.40 0.00	35.83 -0.84 0.00	34.81 -0.93 0.00	35.54 -0.95 0.00	38.29 -1.10 0.00	38.61 -1.07 0.00	40.70 -1.35 0.00	44.98 -1.44 0.00	48.33 -1.45 0.00	54.71 -1.00 0.00	59.46 -0.60 0.00	67.75 -0.27 0.00	62.32 0.00 0.00	51.86 0.16 0.00	43.53 -0.09 0.00	39.23 0.00 0.00
CORNELL_____ 23752	45.65 0.16 -4.75	39.90 0.28 -4.02	38.14 0.23 -5.25	37.10 0.22 -5.63	36.68 0.22 -5.05	38.18 0.27 -4.27	50.14 0.61 -8.61	50.57 0.58 -8.73	46.03 0.32 -5.39	41.30 0.18 -4.44	40.56 0.04 -4.79	41.35 0.07 -4.79	44.71 0.04 -5.28	45.02 0.00 -5.35	49.09 0.00 -7.04	52.20 0.05 -5.73	55.68 -0.05 -5.95	62.60 0.22 -6.67	66.81 0.18 -6.57	75.01 0.54 -6.45	66.28 0.56 -3.39	54.30 0.31 -2.28	47.02 0.04 -3.36	42.77 0.00 -3.53

CORONA__69_KV_TB1 355595	44.87 3.79 -0.35	39.02 3.42 0.00	35.41 2.74 0.00	33.88 2.63 0.00	33.86 2.45 0.00	36.03 2.39 0.00	43.66 2.74 0.00	44.61 3.34 0.00	44.06 3.67 -0.07	40.25 3.45 -0.13	46.22 3.40 -7.09	44.61 3.54 -4.58	48.09 3.90 -4.80	49.67 4.09 -5.91	49.89 4.42 -3.42	53.25 4.83 -2.00	59.33 5.13 -4.42	76.59 5.52 -15.37	78.70 6.07 -12.58	74.48 6.46 0.00	67.19 4.86 0.00	56.15 4.40 -0.04	48.59 3.97 -1.00	43.43 3.37 -0.83
CORTLAND__115KV_TB3 80093	42.50 0.04 -1.73	37.35 0.14 -1.61	34.80 0.13 -2.01	33.70 0.09 -2.36	33.62 0.09 -2.12	35.57 0.13 -1.79	44.91 0.41 -3.58	45.27 0.41 -3.59	42.40 0.20 -1.88	38.36 0.15 -1.54	37.45 0.04 -1.67	38.27 0.11 -1.67	41.28 0.04 -1.85	41.59 0.04 -1.87	44.71 0.04 -2.62	48.34 0.09 -1.82	51.53 -0.05 -1.80	57.59 0.06 -1.82	61.73 0.00 -1.67	69.89 0.14 -1.73	63.26 0.19 -0.75	52.24 0.05 -0.48	44.83 -0.13 -1.34	40.54 -0.12 -1.43
COXSACKIE__GT 23611	43.42 2.69 0.00	37.98 2.39 0.00	34.95 2.29 0.00	33.38 2.13 0.00	33.51 2.10 0.00	35.66 2.02 0.00	43.08 2.17 0.00	42.96 1.69 0.00	41.69 1.37 0.00	37.66 0.99 0.00	36.60 0.86 0.00	37.26 0.77 0.00	40.33 0.94 0.00	40.75 1.07 0.00	43.31 1.26 0.00	48.19 1.53 -0.24	52.56 2.24 -0.54	60.59 3.01 -1.87	65.55 3.96 -1.53	72.65 4.63 0.00	66.94 4.61 0.00	55.31 3.57 -0.03	48.40 2.49 -2.29	41.67 2.43 0.00
CPV_VALLEY__CC1 323721	42.69 2.00 0.04	37.41 1.81 0.00	34.20 1.54 0.00	32.75 1.50 0.00	32.85 1.45 0.00	34.96 1.31 0.00	42.55 1.64 0.00	43.04 1.77 0.00	42.25 1.94 0.00	38.47 1.80 0.00	37.56 1.82 0.00	38.39 1.90 0.00	41.52 2.13 0.00	42.02 2.34 0.00	44.53 2.48 0.00	50.77 2.83 -1.51	56.20 3.04 -3.38	70.87 3.40 -11.76	73.28 3.60 -9.63	71.69 3.67 0.00	65.38 3.05 0.00	53.99 2.27 -0.01	46.50 2.01 -0.87	40.86 1.65 0.02
CPV_VALLEY__CC2 323722	42.69 2.00 0.04	37.41 1.81 0.00	34.20 1.54 0.00	32.75 1.50 0.00	32.85 1.45 0.00	34.96 1.31 0.00	42.55 1.64 0.00	43.04 1.77 0.00	42.25 1.94 0.00	38.47 1.80 0.00	37.56 1.82 0.00	38.39 1.90 0.00	41.52 2.13 0.00	42.02 2.34 0.00	44.53 2.48 0.00	50.77 2.83 -1.51	56.20 3.04 -3.38	70.87 3.40 -11.76	73.28 3.60 -9.63	71.69 3.67 0.00	65.38 3.05 0.00	53.99 2.27 -0.01	46.50 2.01 -0.87	40.86 1.65 0.02
CRESCENT__HYD 24018	42.61 1.87 0.00	37.31 1.71 0.00	34.20 1.54 0.00	32.69 1.44 0.00	32.85 1.45 0.00	35.09 1.45 0.00	42.35 1.43 0.00	42.46 1.20 0.00	41.49 1.17 0.00	37.77 1.10 0.00	36.85 1.11 0.00	37.48 0.99 0.00	40.53 1.14 0.00	40.91 1.23 0.00	43.31 1.26 0.00	47.84 1.49 0.07	51.57 1.79 0.00	57.71 2.00 0.00	62.52 2.46 0.00	70.74 2.72 0.00	65.13 2.81 0.00	54.16 2.38 -0.07	49.60 2.01 -3.97	40.96 1.72 0.00
CRICKET__VALLEY_CC1 323756	43.07 2.36 0.03	37.73 2.14 0.00	34.46 1.80 0.00	33.06 1.81 0.00	33.13 1.73 0.00	35.19 1.55 0.00	42.71 1.80 0.00	43.20 1.94 0.00	42.45 2.14 0.00	38.72 2.05 0.00	37.81 2.07 0.00	38.64 2.15 0.00	41.83 2.44 0.00	42.30 2.62 0.00	44.91 2.86 0.00	51.75 3.20 -2.12	57.97 3.43 -4.76	76.03 3.79 -16.53	77.67 4.09 -13.53	72.10 4.08 0.00	65.75 3.43 0.00	54.40 2.69 -0.01	47.06 2.40 -1.05	41.14 1.92 0.02
CRICKET__VALLEY_CC2 323757	43.07 2.36 0.03	37.73 2.14 0.00	34.46 1.80 0.00	33.06 1.81 0.00	33.13 1.73 0.00	35.19 1.55 0.00	42.71 1.80 0.00	43.20 1.94 0.00	42.45 2.14 0.00	38.72 2.05 0.00	37.81 2.07 0.00	38.64 2.15 0.00	41.83 2.44 0.00	42.30 2.62 0.00	44.91 2.86 0.00	51.75 3.20 -2.12	57.97 3.43 -4.76	76.03 3.79 -16.53	77.67 4.09 -13.53	72.10 4.08 0.00	65.75 3.43 0.00	54.40 2.69 -0.01	47.06 2.40 -1.05	41.14 1.92 0.02
CRICKET__VALLEY_CC3 323758	43.07 2.36 0.03	37.73 2.14 0.00	34.46 1.80 0.00	33.06 1.81 0.00	33.13 1.73 0.00	35.19 1.55 0.00	42.71 1.80 0.00	43.20 1.94 0.00	42.45 2.14 0.00	38.72 2.05 0.00	37.81 2.07 0.00	38.64 2.15 0.00	41.83 2.44 0.00	42.30 2.62 0.00	44.91 2.86 0.00	51.75 3.20 -2.12	57.97 3.43 -4.76	76.03 3.79 -16.53	77.67 4.09 -13.53	72.10 4.08 0.00	65.75 3.43 0.00	54.40 2.69 -0.01	47.06 2.40 -1.05	41.14 1.92 0.02
CRUCIBLE__METL_DRP 24180	40.81 -0.53 -0.60	36.36 -0.32 -1.08	33.31 -0.33 -0.97	32.91 -0.31 -1.97	32.86 -0.31 -1.77	34.84 -0.30 -1.49	42.48 -0.29 -1.85	42.59 -0.33 -1.66	39.92 -0.40 0.00	36.30 -0.37 0.00	35.35 -0.39 0.00	36.13 -0.36 0.00	38.92 -0.47 0.00	39.16 -0.52 0.00	42.15 -0.55 -0.65	45.82 -0.60 0.00	49.08 -0.70 0.00	54.99 -0.72 0.00	59.28 -0.78 0.00	67.34 -0.68 0.00	61.70 -0.62 0.00	51.09 -0.62 0.00	44.00 -0.65 -1.03	39.83 -0.51 -1.11
DAHOWA__HYDRO 323763	43.46 2.73 0.00	38.09 2.49 0.00	34.89 2.22 0.00	33.34 2.09 0.00	33.51 2.10 0.00	35.83 2.19 0.00	43.33 2.41 0.00	43.28 2.02 0.00	42.09 1.77 0.00	38.18 1.50 0.00	37.17 1.43 0.00	37.62 1.13 0.00	40.65 1.26 0.00	40.98 1.31 0.00	43.27 1.22 0.00	48.00 1.67 0.09	51.74 2.14 0.18	57.82 2.73 0.62	63.03 3.48 0.51	72.71 4.69 0.00	67.12 4.80 0.00	55.77 3.98 -0.08	51.33 3.27 -4.44	42.02 2.79 0.00
DANC__LFGE 323619	40.57 -0.16 0.00	35.46 -0.14 0.00	32.60 -0.07 0.00	31.22 -0.03 0.00	31.34 -0.06 0.00	33.68 0.03 0.00	40.83 -0.08 0.00	41.10 -0.16 0.00	39.72 -0.60 0.00	35.83 -0.84 0.00	34.85 -0.89 0.00	35.58 -0.91 0.00	38.33 -1.06 0.00	38.57 -1.11 0.00	40.79 -1.26 0.00	45.26 -1.39 -0.23	48.63 -1.49 -0.34	54.94 -1.28 -0.51	59.63 -1.02 -0.59	67.76 -0.89 -0.63	62.26 -0.62 -0.56	51.70 -0.42 -0.41	43.30 -0.52 -0.20	38.88 -0.35 0.00
DANSKAMMER__1 23586	43.72 3.01 0.03	38.27 2.67 0.00	34.99 2.32 0.00	33.50 2.25 0.00	33.54 2.14 0.00	35.66 2.02 0.00	43.41 2.50 0.00	43.86 2.60 0.00	43.02 2.70 0.00	39.13 2.46 0.00	38.17 2.43 0.00	39.01 2.52 0.00	42.26 2.87 0.00	42.77 3.10 0.00	45.46 3.40 0.00	52.21 3.90 -1.88	58.16 4.23 -4.16	75.05 4.90 -14.44	77.22 5.34 -11.82	73.66 5.64 0.00	67.19 4.86 0.00	55.39 3.67 -0.01	47.85 3.18 -1.05	41.76 2.55 0.02
DANSKAMMER__2 23589	43.72 3.01 0.03	38.27 2.67 0.00	34.99 2.32 0.00	33.50 2.25 0.00	33.54 2.14 0.00	35.66 2.02 0.00	43.41 2.50 0.00	43.86 2.60 0.00	43.02 2.70 0.00	39.13 2.46 0.00	38.17 2.43 0.00	39.01 2.52 0.00	42.26 2.87 0.00	42.77 3.10 0.00	45.46 3.40 0.00	52.21 3.90 -1.88	58.16 4.23 -4.16	75.05 4.90 -14.44	77.22 5.34 -11.82	73.66 5.64 0.00	67.19 4.86 0.00	55.39 3.67 -0.01	47.85 3.18 -1.05	41.76 2.55 0.02
DANSKAMMER__3 23590	43.72 3.01 0.03	38.27 2.67 0.00	34.99 2.32 0.00	33.50 2.25 0.00	33.54 2.14 0.00	35.66 2.02 0.00	43.41 2.50 0.00	43.86 2.60 0.00	43.02 2.70 0.00	39.13 2.46 0.00	38.17 2.43 0.00	39.01 2.52 0.00	42.26 2.87 0.00	42.77 3.10 0.00	45.46 3.40 0.00	52.21 3.90 -1.88	58.16 4.23 -4.16	75.05 4.90 -14.44	77.22 5.34 -11.82	73.66 5.64 0.00	67.19 4.86 0.00	55.39 3.67 -0.01	47.85 3.18 -1.05	41.76 2.55 0.02

DANSKAMMER___4 23591	43.72 3.01 0.03	38.27 2.67 0.00	34.99 2.32 0.00	33.50 2.25 0.00	33.54 2.14 0.00	35.66 2.02 0.00	43.41 2.50 0.00	43.86 2.60 0.00	43.02 2.70 0.00	39.13 2.46 0.00	38.17 2.43 0.00	39.01 2.52 0.00	42.26 2.87 0.00	42.77 3.10 0.00	45.46 3.40 0.00	52.21 3.90 -1.88	58.16 4.23 -4.16	75.05 4.90 -14.44	77.22 5.34 -11.82	73.66 5.64 0.00	67.19 4.86 0.00	55.39 3.67 -0.01	47.85 3.18 -1.05	41.76 2.55 0.02
DANSKAMMER___DIESEL 23592	43.72 3.01 0.03	38.27 2.67 0.00	35.02 2.35 0.00	33.50 2.25 0.00	33.57 2.17 0.00	35.70 2.05 0.00	43.37 2.45 0.00	43.82 2.56 0.00	43.02 2.70 0.00	39.13 2.46 0.00	38.17 2.43 0.00	39.01 2.52 0.00	42.27 2.88 0.00	42.73 3.06 0.00	45.46 3.41 0.00	52.11 3.81 -1.88	58.26 4.23 -4.25	75.37 4.90 -14.76	77.48 5.35 -12.08	73.66 5.65 0.00	67.19 4.86 0.00	55.39 3.67 -0.01	47.90 3.23 -1.05	41.76 2.55 0.02
DARBY___SOLAR 323810	43.26 2.53 0.00	37.88 2.28 0.00	34.73 2.06 0.00	33.19 1.94 0.00	33.36 1.95 0.00	35.63 1.98 0.00	43.08 2.17 0.00	43.08 1.81 0.00	41.93 1.61 0.00	38.03 1.36 0.00	37.02 1.28 0.00	37.55 1.06 0.00	40.57 1.18 0.00	40.87 1.19 0.00	43.19 1.14 0.00	47.87 1.53 0.09	51.60 1.99 0.17	57.62 2.51 0.60	62.81 3.24 0.49	72.24 4.22 0.00	66.69 4.36 0.00	55.35 3.57 -0.08	50.97 2.97 -4.38	41.75 2.51 0.00
DASHVILLE___HYD 23610	44.25 3.54 0.03	38.73 3.13 0.00	35.44 2.78 0.00	33.88 2.63 0.00	33.95 2.54 0.00	36.00 2.36 0.00	43.74 2.82 0.00	44.15 2.89 0.00	43.26 2.94 0.00	39.31 2.64 0.00	38.31 2.57 0.00	39.16 2.66 0.00	42.46 3.07 0.00	42.93 3.25 0.00	45.79 3.74 0.00	52.22 4.36 -1.43	57.88 4.88 -3.22	72.70 5.79 -11.19	75.71 6.49 -9.16	74.75 6.73 0.00	68.18 5.86 0.00	56.17 4.45 -0.01	48.55 3.58 -1.35	42.20 2.98 0.02
DELAWARE___LFGE 323621	42.24 1.26 -0.24	37.40 1.17 -0.62	34.30 1.08 -0.56	33.42 1.03 -1.13	33.43 1.01 -1.02	35.51 1.01 -0.86	44.80 1.27 -2.62	45.23 1.32 -2.65	42.05 1.21 -0.52	38.03 1.03 -0.34	37.16 0.96 -0.45	37.95 1.02 -0.44	41.05 1.14 -0.52	41.47 1.27 -0.53	44.31 1.30 -0.96	48.54 1.44 -0.68	52.06 1.44 -0.84	59.03 1.78 -1.53	62.70 1.86 -0.78	70.03 1.97 -0.03	64.09 1.75 -0.02	53.07 1.34 -0.02	46.21 1.09 -1.50	40.75 0.94 -0.57
DERFIELD_115KV_TB7 355931	40.90 0.16 0.00	35.74 0.14 0.00	32.80 0.13 0.00	31.41 0.16 0.00	31.53 0.13 0.00	33.75 0.10 0.00	41.04 0.12 0.00	41.35 0.08 0.00	40.40 0.08 0.00	36.74 0.07 0.00	35.81 0.07 0.00	36.56 0.07 0.00	39.47 0.08 0.00	39.76 0.08 0.00	42.14 0.08 0.00	46.52 0.09 0.00	49.88 0.10 0.00	55.82 0.11 0.00	60.24 0.18 0.00	68.15 0.14 0.00	62.45 0.12 0.00	51.81 0.10 0.00	43.71 0.09 0.00	39.31 0.08 0.00
DOGLEVILLE___HYD 23807	40.04 -0.69 0.00	34.99 -0.61 0.00	32.11 -0.56 0.00	30.75 -0.50 0.00	30.90 -0.50 0.00	33.11 -0.54 0.00	40.22 -0.70 0.00	40.48 -0.78 0.00	39.43 -0.89 0.00	35.79 -0.88 0.00	34.88 -0.86 0.00	35.62 -0.88 0.00	38.44 -0.95 0.00	38.73 -0.95 0.00	41.00 -1.05 0.00	45.22 -1.21 0.00	48.38 -1.39 0.00	54.26 -1.45 0.00	58.61 -1.44 0.00	66.32 -1.70 0.00	60.83 -1.50 0.00	50.47 -1.24 0.00	42.71 -0.92 0.00	38.41 -0.82 0.00
DUNKIRK___115KV_TB_200 55889	23.97 -4.40 12.36	25.64 -3.52 6.44	18.99 -3.33 10.35	20.95 -3.28 7.02	21.81 -3.30 6.30	24.82 -3.50 5.32	18.99 -4.01 17.92	17.89 -4.09 19.28	20.69 -4.15 15.48	20.38 -3.67 12.62	18.10 -3.90 13.74	18.84 -3.94 13.71	19.68 -4.53 15.18	19.71 -4.60 15.37	19.68 -5.05 17.32	22.64 -5.52 18.26	25.01 -5.28 19.50	28.24 -5.96 21.51	33.50 -5.95 20.61	39.99 -6.46 21.56	43.75 -5.48 13.09	37.85 -4.81 9.05	33.63 -4.45 5.55	29.44 -4.04 5.75
DUNKIRK___1 23563	23.97 -4.40 12.36	25.64 -3.52 6.44	18.99 -3.33 10.35	20.95 -3.28 7.02	21.81 -3.30 6.30	24.82 -3.50 5.32	18.99 -4.01 17.92	17.89 -4.09 19.28	20.69 -4.15 15.48	20.38 -3.67 12.62	18.10 -3.90 13.74	18.84 -3.94 13.71	19.68 -4.53 15.18	19.71 -4.60 15.37	19.68 -5.05 17.32	22.64 -5.52 18.26	25.01 -5.28 19.50	28.24 -5.96 21.51	33.50 -5.95 20.61	39.99 -6.46 21.56	43.75 -5.48 13.09	37.85 -4.81 9.05	33.63 -4.45 5.55	29.44 -4.04 5.75
DUNKIRK___2 23564	23.97 -4.40 12.36	25.64 -3.52 6.44	18.99 -3.33 10.35	20.95 -3.28 7.02	21.81 -3.30 6.30	24.82 -3.50 5.32	18.99 -4.01 17.92	17.89 -4.09 19.28	20.69 -4.15 15.48	20.38 -3.67 12.62	18.10 -3.90 13.74	18.84 -3.94 13.71	19.68 -4.53 15.18	19.71 -4.60 15.37	19.68 -5.05 17.32	22.64 -5.52 18.26	25.01 -5.28 19.50	28.24 -5.96 21.51	33.50 -5.95 20.61	39.99 -6.46 21.56	43.75 -5.48 13.09	37.85 -4.81 9.05	33.63 -4.45 5.55	29.44 -4.04 5.75
DUNKIRK___3 23565	23.72 -4.44 12.57	25.53 -3.52 6.54	18.83 -3.30 10.54	20.85 -3.28 7.12	21.69 -3.33 6.39	24.75 -3.50 5.40	18.85 -4.01 18.06	17.77 -4.04 19.45	20.43 -4.15 15.74	20.20 -3.63 12.84	17.91 -3.86 13.97	18.68 -3.87 13.94	19.54 -4.41 15.44	19.61 -4.44 15.63	19.58 -4.88 17.59	22.59 -5.29 18.54	24.84 -5.13 19.81	28.08 -5.79 21.83	33.21 -5.89 20.96	39.70 -6.39 21.93	43.48 -5.55 13.30	37.66 -4.86 9.19	33.55 -4.45 5.62	29.32 -4.08 5.83
DUNKIRK___4 23566	23.72 -4.44 12.57	25.53 -3.52 6.54	18.83 -3.30 10.54	20.85 -3.28 7.12	21.69 -3.33 6.39	24.75 -3.50 5.40	18.85 -4.01 18.06	17.77 -4.04 19.45	20.43 -4.15 15.74	20.20 -3.63 12.84	17.91 -3.86 13.97	18.68 -3.87 13.94	19.54 -4.41 15.44	19.61 -4.44 15.63	19.58 -4.88 17.59	22.59 -5.29 18.54	24.84 -5.13 19.81	28.08 -5.79 21.83	33.21 -5.89 20.96	39.70 -6.39 21.93	43.48 -5.55 13.30	37.66 -4.86 9.19	33.55 -4.45 5.62	29.32 -4.08 5.83
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.76 3.06 0.03	38.34 2.74 0.00	35.05 2.38 0.00	33.56 2.31 0.00	33.64 2.23 0.00	35.73 2.09 0.00	43.41 2.50 0.00	44.03 2.76 0.00	43.34 3.02 0.00	39.53 2.86 0.00	38.60 2.86 0.00	39.48 2.99 0.00	42.74 3.35 0.00	43.21 3.53 0.00	45.88 3.83 0.00	52.61 4.22 -1.96	58.78 4.58 -4.42	76.20 5.13 -15.36	78.10 5.47 -12.58	73.66 5.65 0.00	67.00 4.67 0.00	55.39 3.67 -0.01	47.85 3.23 -1.00	41.84 2.63 0.02
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	43.35 2.65 0.03	37.95 2.35 0.00	34.73 2.06 0.00	33.22 1.97 0.00	33.32 1.92 0.00	35.43 1.78 0.00	43.04 2.13 0.00	43.57 2.31 0.00	42.78 2.46 0.00	38.94 2.27 0.00	37.99 2.25 0.00	38.86 2.37 0.00	42.03 2.64 0.00	42.49 2.82 0.00	45.16 3.11 0.00	51.67 3.48 -1.76	57.59 3.83 -3.98	73.94 4.40 -13.83	76.12 4.74 -11.32	72.98 4.97 0.00	66.56 4.24 0.00	54.87 3.15 -0.01	47.40 2.79 -0.99	41.41 2.20 0.02
E179THST_138_KV_TB4_REV_LBMP_J 345001	44.25 3.54 0.02	38.74 3.13 -0.01	35.42 2.74 -0.01	33.98 2.72 -0.01	34.05 2.64 -0.01	36.07 2.42 0.00	43.53 2.62 0.00	44.07 2.81 0.00	43.38 3.06 0.00	39.64 2.97 0.00	39.17 2.97 -0.47	39.91 3.10 -0.31	48.07 3.47 -5.21	53.73 3.61 -10.44	46.20 3.91 -0.24	65.03 4.27 -14.34	58.86 4.63 -4.45	76.33 5.24 -15.38	78.28 5.65 -12.58	73.80 5.78 0.00	66.81 4.49 0.00	55.70 3.98 -0.01	48.34 3.71 -1.01	42.32 3.10 0.01

E179THST_13_KV_LOAD 356214	44.46 3.75 0.02	38.92 3.31 -0.01	35.58 2.91 -0.01	34.13 2.88 -0.01	34.21 2.80 -0.01	36.24 2.59 0.00	43.74 2.82 0.00	44.32 3.05 0.00	43.58 3.27 0.00	39.86 3.19 0.00	39.35 3.15 -0.47	40.09 3.28 -0.31	48.26 3.66 -5.21	53.97 3.85 -10.44	46.41 4.12 -0.24	65.31 4.55 -14.34	59.16 4.93 -4.45	76.66 5.57 -15.38	78.64 6.01 -12.58	74.21 6.19 0.00	67.19 4.86 0.00	55.95 4.24 -0.01	48.60 3.97 -1.01	42.52 3.30 0.01
EAST HAMPTON___GT 23717	44.91 3.83 -0.35	39.16 3.56 0.00	35.35 2.68 0.00	33.72 2.47 0.00	33.57 2.17 0.00	35.93 2.29 0.00	43.86 2.95 0.00	45.55 4.29 0.00	45.07 4.67 -0.07	41.12 4.33 -0.13	46.58 3.75 -7.09	44.76 3.68 -4.58	48.48 4.29 -4.80	49.61 4.64 -5.29	49.75 4.71 -2.99	53.53 5.15 -1.96	59.99 5.82 -4.39	76.54 5.57 -15.25	78.91 6.36 -12.49	74.75 6.74 0.00	66.75 4.43 0.00	55.90 4.19 0.00	48.55 3.93 -1.00	43.31 3.25 -0.83
EAST RIVER___6 23660	44.12 3.42 0.03	38.69 3.10 0.00	35.31 2.64 0.00	33.84 2.59 0.00	33.89 2.48 0.00	36.00 2.35 0.00	43.82 2.91 0.00	44.57 3.30 0.00	43.87 3.55 0.00	40.04 3.37 0.00	39.56 3.36 -0.46	42.10 3.54 -2.07	48.43 3.90 -5.14	54.10 4.13 -10.30	58.25 4.46 -11.75	65.60 5.02 -14.17	66.75 5.43 -11.54	76.94 5.96 -15.27	78.84 6.30 -12.48	74.55 6.53 0.00	67.69 5.36 0.00	55.90 4.19 -0.01	48.29 3.66 -1.00	42.19 2.98 0.02
EAST RIVER___7 23524	44.12 3.42 0.03	38.69 3.10 0.00	35.31 2.64 0.00	33.84 2.59 0.00	33.89 2.48 0.00	36.00 2.35 0.00	43.82 2.91 0.00	44.57 3.30 0.00	43.87 3.55 0.00	40.04 3.37 0.00	39.56 3.36 -0.46	42.10 3.54 -2.07	48.43 3.90 -5.14	54.10 4.13 -10.30	58.25 4.46 -11.75	65.60 5.02 -14.17	66.75 5.43 -11.54	76.94 5.96 -15.27	78.84 6.30 -12.48	74.55 6.53 0.00	67.69 5.36 0.00	55.90 4.19 -0.01	48.29 3.66 -1.00	42.19 2.98 0.02
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.64 2.93 0.03	38.23 2.63 0.00	34.99 2.32 0.00	33.50 2.25 0.00	33.57 2.17 0.00	35.66 2.02 0.00	43.29 2.37 0.00	43.90 2.64 0.00	43.22 2.90 0.00	39.38 2.71 0.00	38.49 2.75 0.00	39.34 2.85 0.00	42.58 3.19 0.00	43.05 3.37 0.00	45.71 3.66 0.00	52.42 4.04 -1.95	58.61 4.43 -4.41	75.98 4.96 -15.31	77.87 5.28 -12.53	73.46 5.44 0.00	66.87 4.55 0.00	55.23 3.52 -0.01	47.72 3.10 -1.00	41.72 2.51 0.02
EAST_HAMPTON___DIESEL 23722	44.83 3.75 -0.35	39.09 3.49 0.00	35.31 2.64 0.00	33.66 2.41 0.00	33.54 2.14 0.00	35.87 2.22 0.00	43.82 2.91 0.00	45.51 4.25 0.00	45.03 4.63 -0.07	41.09 4.29 -0.13	46.55 3.72 -7.09	44.72 3.65 -4.58	48.44 4.26 -4.80	49.53 4.56 -5.29	49.71 4.67 -2.99	53.49 5.11 -1.96	59.94 5.77 -4.39	76.48 5.52 -15.25	78.85 6.30 -12.49	74.61 6.60 0.00	66.62 4.30 0.00	55.85 4.14 0.00	48.46 3.84 -1.00	43.23 3.18 -0.83
EAST_POINT___SOLAR 323840	43.60 2.89 0.03	38.20 2.60 0.00	35.02 2.35 0.00	33.47 2.22 0.00	33.64 2.23 0.00	36.00 2.35 0.00	43.33 2.41 0.00	42.46 1.20 0.00	40.52 0.20 0.00	36.16 -0.51 0.00	35.10 -0.64 0.00	35.76 -0.73 0.00	38.64 -0.75 0.00	39.00 -0.67 0.00	41.25 -0.80 0.00	45.73 -0.60 0.08	49.30 -0.30 0.18	55.59 0.50 0.62	61.23 1.68 0.50	72.24 4.22 0.00	67.56 5.24 0.00	56.03 4.24 -0.08	51.54 3.53 -4.39	42.16 2.94 0.02
EAST_PULASKI___ESR 323781	40.13 -0.61 0.00	35.13 -0.46 0.00	32.24 -0.43 0.00	30.84 -0.41 0.00	31.00 -0.41 0.00	33.28 -0.37 0.00	40.47 -0.45 0.00	40.77 -0.49 0.00	39.55 -0.77 0.00	35.90 -0.77 0.00	34.92 -0.82 0.00	35.69 -0.80 0.00	38.41 -0.98 0.00	38.61 -1.07 0.00	40.87 -1.18 0.00	45.79 -1.25 -0.62	49.30 -1.39 -0.91	55.67 -1.39 -1.35	60.29 -1.32 -1.56	68.38 -1.29 -1.66	62.73 -1.06 -1.47	51.95 -0.83 -1.07	43.31 -0.83 -0.52	38.57 -0.67 0.00
EAST_RIVER___1 323558	44.04 3.34 0.03	38.59 2.99 0.00	35.25 2.58 0.00	33.78 2.53 0.00	33.83 2.42 0.00	35.90 2.25 0.00	43.70 2.78 0.00	44.40 3.13 0.00	43.66 3.34 0.00	39.86 3.19 0.00	39.38 3.18 -0.46	41.88 3.32 -2.07	48.23 3.70 -5.14	53.90 3.93 -10.30	58.00 4.20 -11.75	65.33 4.74 -14.17	66.45 5.13 -11.54	76.60 5.62 -15.27	78.49 5.95 -12.48	74.21 6.19 0.00	67.37 5.05 0.00	55.70 3.98 -0.01	48.16 3.53 -1.00	42.08 2.86 0.02
EAST_RIVER___2 323559	44.12 3.42 0.03	38.69 3.10 0.00	35.31 2.64 0.00	33.84 2.59 0.00	33.89 2.48 0.00	36.00 2.35 0.00	43.82 2.91 0.00	44.57 3.30 0.00	43.87 3.55 0.00	40.04 3.37 0.00	39.56 3.36 -0.46	42.10 3.54 -2.07	48.43 3.90 -5.14	54.10 4.13 -10.30	58.25 4.46 -11.75	65.60 5.02 -14.17	66.75 5.43 -11.54	76.94 5.96 -15.27	78.84 6.30 -12.48	74.55 6.53 0.00	67.69 5.36 0.00	55.90 4.19 -0.01	48.29 3.66 -1.00	42.19 2.98 0.02
EAST___DELAWARE_HYD 23607	43.27 2.57 0.04	37.84 2.24 0.00	34.59 1.93 0.00	33.09 1.84 0.00	33.17 1.76 0.00	35.26 1.61 0.00	42.96 2.04 0.00	43.45 2.19 0.00	42.54 2.22 0.00	38.65 1.98 0.00	37.67 1.93 0.00	38.53 2.04 0.00	41.71 2.32 0.00	42.22 2.54 0.00	44.91 2.86 0.00	51.18 3.30 -1.46	56.64 3.63 -3.23	71.29 4.35 -11.24	74.12 4.86 -9.20	73.12 5.10 0.00	66.69 4.36 0.00	54.92 3.21 -0.01	47.37 2.75 -1.00	41.33 2.12 0.02
EIGHT_POINT___WT_PWR 323820	75.54 -3.75 -38.56	54.17 -2.81 -21.38	66.02 -2.58 -35.93	50.65 -2.50 -21.90	48.54 -2.51 -19.65	47.63 -2.62 -16.61	83.28 -2.33 -44.70	88.20 -2.23 -49.16	90.55 -2.38 -52.61	78.25 -2.20 -43.78	80.13 -2.39 -46.79	80.89 -2.44 -46.84	88.14 -2.80 -51.55	89.01 -2.82 -52.15	95.59 -2.90 -56.44	100.48 -3.20 -57.26	105.97 -3.79 -59.97	116.61 -4.06 -64.97	122.22 -5.41 -67.57	132.85 -5.64 -70.48	96.57 -4.68 -38.92	74.11 -4.09 -26.49	54.82 -3.75 -14.95	52.34 -3.49 -16.60
ELBRIDGE_115KV_TB2 80188	40.73 -0.81 -0.81	36.49 -0.57 -1.46	33.41 -0.56 -1.30	33.38 -0.53 -2.66	33.29 -0.50 -2.38	35.12 -0.54 -2.01	42.90 -0.53 -2.52	42.94 -0.58 -2.26	39.67 -0.65 0.00	36.08 -0.59 0.00	35.13 -0.61 0.00	35.91 -0.58 0.00	38.64 -0.75 0.00	38.88 -0.79 0.00	42.09 -0.84 -0.88	45.54 -0.88 0.00	48.73 -1.05 0.00	54.60 -1.11 0.00	58.86 -1.20 0.00	66.86 -1.16 0.00	61.27 -1.06 0.00	50.73 -0.98 0.00	44.05 -0.96 -1.39	39.94 -0.78 -1.50
ELEC_TRO_TEK 24086	44.67 3.58 -0.35	38.84 3.24 0.00	35.28 2.61 0.00	33.72 2.47 0.00	33.70 2.29 0.00	35.87 2.22 0.00	43.45 2.54 0.00	44.40 3.14 0.00	43.90 3.51 -0.07	40.10 3.30 -0.13	46.05 3.22 -7.09	44.40 3.32 -4.58	47.85 3.66 -4.80	49.07 3.81 -5.59	49.37 4.12 -3.20	52.86 4.46 -1.98	58.88 4.68 -4.42	76.04 4.96 -15.37	78.04 5.41 -12.58	73.80 5.78 0.00	66.56 4.24 0.00	55.66 3.93 -0.02	48.29 3.66 -1.00	43.20 3.14 -0.83
ELLENBURG_WT_PWR 323604	39.68 -1.06 0.00	34.53 -1.07 0.00	31.79 -0.88 0.00	30.41 -0.84 0.00	30.53 -0.88 0.00	32.84 -0.81 0.00	39.89 -1.02 0.00	40.19 -1.07 0.00	39.27 -1.05 0.00	35.61 -1.06 0.00	34.70 -1.04 0.00	35.43 -1.06 0.00	38.33 -1.06 0.00	38.65 -1.03 0.00	40.87 -1.18 0.00	45.07 -1.35 0.00	48.44 -1.34 0.00	54.15 -1.56 0.00	58.31 -1.74 0.00	66.32 -1.70 0.00	60.77 -1.56 0.00	50.67 -1.03 0.00	42.70 -0.92 0.00	38.53 -0.71 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.03 -4.97 12.73	25.00 -3.92 6.69	18.29 -3.69 10.68	20.24 -3.63 7.39	21.11 -3.67 6.62	24.18 -3.87 5.60	18.97 -4.30 17.64	18.00 -4.29 18.97	20.36 -4.35 15.60	20.13 -3.78 12.77	17.95 -3.93 13.86	18.72 -3.94 13.83	19.68 -4.41 15.30	19.74 -4.44 15.49	19.69 -4.88 17.48	22.72 -5.29 18.41	24.64 -5.43 19.71	27.89 -6.24 21.58	32.55 -6.61 20.90	38.81 -7.35 21.86	42.50 -6.54 13.28	36.91 -5.64 9.16	32.71 -5.10 5.81	28.53 -4.67 6.04
EMPIRE_CC_1 323656	42.45 1.71 0.00	37.13 1.53 0.00	34.07 1.40 0.00	32.59 1.34 0.00	32.73 1.32 0.00	34.96 1.31 0.00	42.14 1.23 0.00	42.30 1.03 0.00	41.37 1.05 0.00	37.70 1.03 0.00	36.78 1.04 0.00	37.48 0.99 0.00	40.53 1.14 0.00	40.91 1.23 0.00	43.36 1.31 0.00	48.01 1.49 -0.10	51.73 1.69 -0.26	58.52 1.90 -0.91	63.03 2.22 -0.75	70.26 2.24 0.00	64.57 2.24 0.00	53.65 1.91 -0.02	47.28 1.70 -1.96	40.69 1.45 0.00
EMPIRE_CC_2 323658	42.45 1.71 0.00	37.13 1.53 0.00	34.07 1.40 0.00	32.59 1.34 0.00	32.73 1.32 0.00	34.96 1.31 0.00	42.14 1.23 0.00	42.30 1.03 0.00	41.37 1.05 0.00	37.70 1.03 0.00	36.78 1.04 0.00	37.48 0.99 0.00	40.53 1.14 0.00	40.91 1.23 0.00	43.36 1.31 0.00	48.01 1.49 -0.10	51.73 1.69 -0.26	58.52 1.90 -0.91	63.03 2.22 -0.75	70.26 2.24 0.00	64.57 2.24 0.00	53.65 1.91 -0.02	47.28 1.70 -1.96	40.69 1.45 0.00
ENORWICH_115KV_TB1 80156	44.69 1.43 -2.53	39.20 1.32 -2.29	36.86 1.27 -2.92	35.81 1.28 -3.28	35.57 1.22 -2.94	37.55 1.41 -2.49	48.01 1.68 -5.42	48.35 1.61 -5.48	44.01 0.81 -2.88	39.23 0.22 -2.34	38.26 -0.04 -2.56	39.04 0.00 -2.55	42.22 0.00 -2.83	42.70 0.16 -2.86	46.00 0.04 -3.91	49.56 0.09 -3.05	52.97 0.00 -3.19	60.31 0.78 -3.82	64.56 1.14 -3.36	72.52 1.56 -2.94	65.33 1.56 -1.45	53.81 1.14 -0.96	46.43 0.65 -2.15	41.77 0.59 -1.95
ERIE_ST__34_KV_TB1-2 80199	25.19 -3.83 11.72	26.46 -2.95 6.18	20.08 -2.81 9.77	21.62 -2.78 6.85	22.18 -3.08 6.15	25.22 -3.23 5.20	20.30 -3.40 17.22	19.35 -3.42 18.48	22.28 -3.51 14.53	21.82 -3.01 11.84	19.59 -3.25 12.90	20.45 -3.17 12.87	21.55 -3.58 14.25	21.68 -3.57 14.43	21.81 -3.87 16.37	24.98 -4.22 17.22	27.52 -3.93 18.32	30.79 -4.57 20.35	35.86 -4.68 19.51	42.50 -5.10 20.42	45.38 -4.49 12.46	39.07 -4.03 8.61	34.43 -3.80 5.40	30.13 -3.53 5.58
ERIE_WT_PWR 323693	23.47 -4.72 12.54	25.30 -3.70 6.59	18.65 -3.49 10.52	20.60 -3.41 7.25	21.42 -3.49 6.50	24.45 -3.70 5.49	19.05 -4.09 17.78	18.05 -4.09 19.12	17.72 -4.15 18.44	17.69 -3.63 15.35	15.62 -3.72 16.40	16.31 -3.76 16.42	17.06 -4.25 18.07	17.11 -4.29 18.28	16.90 -4.63 20.52	19.63 -5.25 21.55	23.60 -5.08 21.10	26.56 -5.85 23.31	33.29 -6.13 20.64	39.69 -6.74 21.59	43.32 -5.98 13.02	37.51 -5.22 8.98	33.22 -4.80 5.60	28.89 -4.43 5.90
ESPRGFLD_115KV_TB1 80157	42.72 2.04 0.06	37.45 1.85 0.00	34.37 1.70 0.00	32.88 1.63 0.00	33.01 1.60 0.00	35.36 1.72 0.00	42.96 2.05 0.00	43.08 1.82 0.00	41.65 1.33 0.00	37.51 0.84 0.00	36.42 0.68 0.00	37.22 0.73 0.00	40.22 0.83 0.00	40.63 0.95 0.00	42.98 0.93 0.00	47.54 1.11 0.00	50.97 1.19 0.00	57.55 1.84 0.00	62.46 2.40 0.00	71.35 3.33 0.00	65.69 3.37 0.00	54.40 2.64 -0.06	49.03 2.18 -3.22	41.04 1.84 0.03
ETNA_115_KV_TB1_REV_LBMP_C 345029	44.86 0.12 -4.00	39.29 0.25 -3.44	37.35 0.23 -4.46	36.31 0.19 -4.87	35.96 0.19 -4.36	37.57 0.24 -3.69	48.92 0.57 -7.43	49.32 0.54 -7.52	45.11 0.28 -4.51	40.53 0.15 -3.71	39.74 0.00 -4.01	40.53 0.04 -4.00	43.81 0.00 -4.42	44.15 0.00 -4.47	48.00 0.00 -5.95	51.25 0.05 -4.78	54.64 -0.10 -4.96	61.48 0.17 -5.60	65.63 0.12 -5.46	73.71 0.41 -5.29	65.58 0.50 -2.75	53.77 0.21 -1.85	46.53 0.00 -2.91	42.22 -0.04 -3.03
ETNA____115KV_TB2 80207	44.86 0.12 -4.00	39.29 0.25 -3.44	37.35 0.23 -4.46	36.31 0.19 -4.87	35.96 0.19 -4.36	37.57 0.24 -3.69	48.92 0.57 -7.43	49.32 0.54 -7.52	45.11 0.28 -4.51	40.53 0.15 -3.71	39.74 0.00 -4.01	40.53 0.04 -4.00	43.81 0.00 -4.42	44.15 0.00 -4.47	48.00 0.00 -5.95	51.25 0.05 -4.78	54.64 -0.10 -4.96	61.48 0.17 -5.60	65.63 0.12 -5.46	73.71 0.41 -5.29	65.58 0.50 -2.75	53.77 0.21 -1.85	46.53 0.00 -2.91	42.22 -0.04 -3.03
EUCLID____115KV_TB2 356179	39.76 -0.98 0.00	34.85 -0.75 0.00	31.98 -0.69 0.00	30.56 -0.69 0.00	30.75 -0.66 0.00	32.94 -0.71 0.00	40.14 -0.78 0.00	40.48 -0.78 0.00	39.47 -0.85 0.00	35.94 -0.73 0.00	34.99 -0.75 0.00	35.76 -0.73 0.00	38.52 -0.87 0.00	38.73 -0.95 0.00	41.08 -0.97 0.00	44.71 -1.07 0.64	47.65 -1.19 0.94	52.98 -1.34 1.39	57.03 -1.44 1.59	64.84 -1.50 1.69	59.46 -1.37 1.49	49.38 -1.24 1.09	41.96 -1.13 0.53	38.29 -0.94 0.00
E_CANADA_CAP_HY 24051	43.38 2.69 0.04	37.98 2.39 0.00	34.82 2.16 0.00	33.28 2.03 0.00	33.45 2.04 0.00	35.80 2.16 0.00	43.33 2.41 0.00	43.08 1.81 0.00	41.49 1.17 0.00	37.26 0.58 0.00	36.13 0.39 0.00	36.86 0.36 0.00	39.82 0.43 0.00	40.23 0.56 0.00	42.56 0.51 0.00	47.05 0.70 0.07	50.49 0.85 0.14	56.78 1.56 0.48	62.18 2.52 0.40	72.24 4.22 0.00	66.87 4.55 0.00	55.40 3.62 -0.07	50.80 3.10 -4.08	41.84 2.63 0.02
E_CANADA_MHWK_HY 24050	40.04 -0.69 0.00	34.99 -0.61 0.00	32.14 -0.52 0.00	30.75 -0.50 0.00	30.90 -0.50 0.00	33.11 -0.54 0.00	40.22 -0.70 0.00	40.48 -0.79 0.00	39.43 -0.89 0.00	35.79 -0.88 0.00	34.85 -0.89 0.00	35.62 -0.88 0.00	38.44 -0.95 0.00	38.72 -0.95 0.00	41.00 -1.05 0.00	45.22 -1.21 0.00	48.39 -1.39 0.00	54.26 -1.45 0.00	58.61 -1.44 0.00	66.32 -1.70 0.00	60.83 -1.50 0.00	50.47 -1.24 0.00	42.70 -0.92 0.00	38.41 -0.83 0.00
E_FISHKILL__LBMP 23776	43.27 2.57 0.03	37.91 2.31 0.00	34.69 2.03 0.00	33.22 1.97 0.00	33.32 1.92 0.00	35.43 1.78 0.00	42.96 2.05 0.00	43.53 2.27 0.00	42.78 2.46 0.00	39.02 2.35 0.00	38.10 2.36 0.00	38.94 2.44 0.00	42.11 2.72 0.00	42.57 2.90 0.00	45.21 3.15 0.00	51.93 3.48 -2.03	58.13 3.78 -4.57	75.82 4.23 -15.87	77.55 4.50 -12.99	72.64 4.63 0.00	66.19 3.86 0.00	54.71 3.00 -0.01	47.35 2.70 -1.02	41.37 2.16 0.02
FALCON__SEABRD_CC1 323796	40.00 -0.73 0.00	34.81 -0.78 0.00	32.05 -0.62 0.00	30.66 -0.59 0.00	30.78 -0.63 0.00	33.11 -0.54 0.00	40.22 -0.70 0.00	40.56 -0.70 0.00	39.59 -0.72 0.00	35.86 -0.81 0.00	34.95 -0.79 0.00	35.69 -0.80 0.00	38.68 -0.71 0.00	38.96 -0.71 0.00	41.21 -0.84 0.00	45.45 -0.98 0.00	48.83 -0.95 0.00	54.60 -1.11 0.00	58.86 -1.20 0.00	67.00 -1.02 0.00	61.39 -0.93 0.00	51.14 -0.57 0.00	43.10 -0.52 0.00	38.88 -0.35 0.00
FALCON__SEABRD_CC2 323797	40.00 -0.73 0.00	34.81 -0.78 0.00	32.05 -0.62 0.00	30.66 -0.59 0.00	30.78 -0.63 0.00	33.11 -0.54 0.00	40.22 -0.70 0.00	40.56 -0.70 0.00	39.59 -0.72 0.00	35.86 -0.81 0.00	34.95 -0.79 0.00	35.69 -0.80 0.00	38.68 -0.71 0.00	38.96 -0.71 0.00	41.21 -0.84 0.00	45.45 -0.98 0.00	48.83 -0.95 0.00	54.60 -1.11 0.00	58.86 -1.20 0.00	67.00 -1.02 0.00	61.39 -0.93 0.00	51.14 -0.57 0.00	43.10 -0.52 0.00	38.88 -0.35 0.00

FAR ROCKAWAY___4 23548	45.28 4.20 -0.35	39.37 3.77 0.00	35.74 3.07 0.00	34.13 2.88 0.00	34.11 2.70 0.00	36.30 2.66 0.00	43.98 3.07 0.00	44.98 3.71 0.00	44.46 4.07 -0.07	40.61 3.81 -0.13	46.58 3.75 -7.09	44.98 3.90 -4.58	48.52 4.33 -4.80	50.14 4.48 -5.98	50.40 4.88 -3.47	53.76 5.34 -2.00	59.93 5.72 -4.42	77.26 6.18 -15.37	79.48 6.85 -12.58	75.36 7.35 0.00	67.93 5.61 0.00	56.72 4.96 -0.05	49.07 4.45 -1.00	43.83 3.77 -0.83
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	44.04 3.34 0.03	38.62 3.03 0.00	35.28 2.61 0.00	33.78 2.53 0.00	33.86 2.45 0.00	35.93 2.29 0.00	43.62 2.70 0.00	44.32 3.05 0.00	43.67 3.35 0.00	39.86 3.19 0.00	39.38 3.18 -0.46	41.89 3.32 -2.08	48.25 3.70 -5.15	53.85 3.85 -10.32	58.03 4.21 -11.78	65.26 4.64 -14.20	66.40 5.03 -11.59	76.72 5.63 -15.38	78.58 5.95 -12.58	74.21 6.19 0.00	67.37 5.05 0.00	55.75 4.03 -0.01	48.16 3.53 -1.00	42.08 2.86 0.02
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	44.04 3.34 0.03	38.62 3.03 0.00	35.28 2.61 0.00	33.81 2.56 0.00	33.86 2.45 0.00	35.93 2.29 0.00	43.62 2.70 0.00	44.32 3.05 0.00	43.67 3.35 0.00	39.86 3.19 0.00	39.38 3.18 -0.46	41.89 3.32 -2.08	48.25 3.70 -5.15	53.85 3.85 -10.32	58.03 4.21 -11.78	65.26 4.64 -14.20	66.45 5.08 -11.59	76.72 5.63 -15.38	78.58 5.95 -12.58	74.21 6.19 0.00	67.37 5.05 0.00	55.75 4.03 -0.01	48.16 3.53 -1.00	42.12 2.90 0.02
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	44.00 3.30 0.03	38.59 2.99 0.00	35.25 2.58 0.00	33.78 2.53 0.00	33.86 2.45 0.00	35.93 2.29 0.00	43.62 2.70 0.00	44.28 3.01 0.00	43.63 3.31 0.00	39.83 3.15 0.00	39.38 3.18 -0.46	41.85 3.28 -2.08	48.21 3.66 -5.15	53.85 3.85 -10.32	57.99 4.16 -11.78	65.22 4.60 -14.20	66.40 5.03 -11.59	76.72 5.63 -15.38	78.52 5.89 -12.58	74.14 6.12 0.00	67.31 4.99 0.00	55.70 3.98 -0.01	48.11 3.49 -1.00	42.08 2.86 0.02
FARRAGUT___LBMP 323566	43.96 3.26 0.03	38.55 2.95 0.00	35.25 2.58 0.00	33.75 2.50 0.00	33.83 2.42 0.00	35.90 2.25 0.00	43.57 2.66 0.00	44.23 2.97 0.00	43.58 3.27 0.00	39.79 3.12 0.00	39.34 3.15 -0.46	41.82 3.25 -2.08	48.17 3.62 -5.15	53.81 3.81 -10.32	57.95 4.12 -11.78	65.17 4.55 -14.20	66.35 4.98 -11.59	76.66 5.57 -15.38	78.46 5.83 -12.58	74.07 6.05 0.00	67.31 4.99 0.00	55.64 3.93 -0.01	48.11 3.49 -1.00	42.04 2.82 0.02
FARRCKWY_69_KV_BK2 55825	45.28 4.20 -0.35	39.37 3.77 0.00	35.74 3.07 0.00	34.13 2.88 0.00	34.11 2.70 0.00	36.30 2.66 0.00	43.98 3.07 0.00	44.98 3.71 0.00	44.46 4.07 -0.07	40.61 3.81 -0.13	46.58 3.75 -7.09	44.98 3.90 -4.58	48.52 4.33 -4.80	50.14 4.48 -5.98	50.40 4.88 -3.47	53.76 5.34 -2.00	59.93 5.72 -4.42	77.26 6.18 -15.37	79.48 6.85 -12.58	75.36 7.35 0.00	67.93 5.61 0.00	56.72 4.96 -0.05	49.07 4.45 -1.00	43.83 3.77 -0.83
FENNER___WINDPWR 24204	41.42 0.37 -0.32	36.61 0.36 -0.65	33.61 0.36 -0.58	32.79 0.34 -1.19	32.79 0.31 -1.07	34.92 0.37 -0.90	42.71 0.53 -1.26	42.89 0.50 -1.13	40.56 0.24 0.00	36.78 0.11 0.00	35.77 0.04 0.00	36.56 0.07 0.00	39.43 0.04 0.00	39.76 0.08 0.00	42.54 0.04 -0.44	46.22 0.05 0.25	49.45 0.05 0.37	55.44 0.28 0.55	59.77 0.36 0.65	67.87 0.54 0.69	62.27 0.56 0.61	51.67 0.41 0.45	44.20 0.18 -0.40	40.04 0.16 -0.65
FIBERTEK___ENERGY 23856	40.81 -0.53 -0.60	36.36 -0.32 -1.08	33.31 -0.33 -0.97	32.91 -0.31 -1.97	32.86 -0.31 -1.77	34.84 -0.30 -1.49	42.48 -0.29 -1.85	42.59 -0.33 -1.66	39.92 -0.40 0.00	36.30 -0.37 0.00	35.35 -0.39 0.00	36.13 -0.36 0.00	38.92 -0.47 0.00	39.16 -0.52 0.00	42.15 -0.55 -0.65	45.82 -0.60 0.00	49.08 -0.70 0.00	54.99 -0.72 0.00	59.28 -0.78 0.00	67.34 -0.68 0.00	61.70 -0.62 0.00	51.09 -0.62 0.00	44.00 -0.65 -1.03	39.83 -0.51 -1.11
FITZPATRICK___ 23598	39.27 -1.46 0.00	34.39 -1.21 0.00	31.56 -1.11 0.00	30.19 -1.06 0.00	30.37 -1.04 0.00	32.54 -1.11 0.00	39.60 -1.31 0.00	39.94 -1.32 0.00	38.99 -1.33 0.00	35.50 -1.17 0.00	34.59 -1.15 0.00	35.32 -1.17 0.00	38.01 -1.38 0.00	38.13 -1.55 0.00	40.45 -1.60 0.00	44.71 -1.72 0.00	47.89 -1.89 0.00	53.65 -2.06 0.00	57.77 -2.28 0.00	65.50 -2.52 0.00	60.08 -2.24 0.00	49.80 -1.91 0.00	41.92 -1.70 0.00	37.87 -1.37 -0.02
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	43.76 3.06 0.03	38.34 2.74 0.00	35.08 2.42 0.00	33.56 2.31 0.00	33.64 2.23 0.00	35.73 2.09 0.00	43.41 2.50 0.00	43.86 2.60 0.00	43.06 2.74 0.00	39.16 2.49 0.00	38.20 2.47 0.00	39.05 2.55 0.00	42.30 2.91 0.00	42.77 3.09 0.00	45.50 3.45 0.00	52.18 3.85 -1.91	58.36 4.28 -4.30	75.60 4.96 -14.94	77.75 5.47 -12.23	73.80 5.78 0.00	67.31 4.99 0.00	55.49 3.77 -0.01	47.94 3.27 -1.05	41.80 2.59 0.02
FORT ORANGE___ 23900	42.12 1.39 0.00	36.88 1.28 0.00	33.98 1.31 0.00	32.50 1.25 0.00	32.63 1.22 0.00	34.82 1.18 0.00	41.94 1.02 0.00	42.09 0.82 0.00	41.13 0.81 0.00	37.40 0.73 0.00	36.45 0.71 0.00	37.15 0.66 0.00	40.18 0.79 0.00	40.59 0.91 0.00	43.02 0.97 0.00	47.44 1.02 0.00	51.02 1.24 0.00	57.10 1.39 0.00	61.80 1.74 0.00	69.99 1.97 0.00	64.32 1.99 0.00	53.36 1.60 -0.04	47.75 1.31 -2.82	40.45 1.22 0.00
FORT_DRUM_COGEN 23780	41.18 0.45 0.00	35.88 0.28 0.00	33.06 0.39 0.00	31.69 0.44 0.00	31.75 0.35 0.00	34.22 0.57 0.00	41.36 0.45 0.00	41.59 0.33 0.00	39.92 -0.40 0.00	35.79 -0.88 0.00	34.77 -0.96 0.00	35.51 -0.99 0.00	38.25 -1.14 0.00	38.61 -1.07 0.00	40.66 -1.39 0.00	44.94 -1.49 0.00	48.29 -1.49 0.00	54.71 -1.00 0.00	59.52 -0.54 0.00	67.81 -0.20 0.00	62.39 0.06 0.00	51.97 0.26 0.00	43.58 -0.04 0.00	39.27 0.04 0.00
FOX_HILLS___ESR 323835	44.21 3.50 0.02	38.74 3.13 -0.01	35.32 2.64 -0.01	33.82 2.56 -0.01	33.87 2.45 -0.01	35.90 2.25 0.00	43.49 2.58 0.00	44.11 2.84 0.00	43.30 2.98 0.00	39.61 2.93 0.00	39.14 2.93 -0.47	41.73 3.14 -2.10	48.15 3.55 -5.21	53.93 3.81 -10.44	57.87 3.91 -11.91	65.08 4.32 -14.34	66.05 4.63 -11.64	76.21 5.24 -15.27	78.06 5.52 -12.48	73.66 5.64 0.00	66.75 4.43 0.00	55.80 4.08 -0.01	48.47 3.84 -1.01	42.36 3.14 0.01
FPL_FAR_ROCK_GT1 24212	45.28 4.20 -0.35	39.37 3.77 0.00	35.71 3.04 0.00	34.12 2.87 0.00	34.08 2.67 0.00	36.27 2.63 0.00	44.23 3.31 0.00	45.22 3.96 0.00	44.46 4.07 -0.07	40.61 3.81 -0.13	46.58 3.75 -7.09	44.98 3.91 -4.58	48.52 4.33 -4.80	50.22 4.56 -5.98	50.44 4.92 -3.47	53.85 5.43 -2.00	60.04 5.87 -4.39	77.15 6.18 -15.26	79.39 6.84 -12.49	75.37 7.35 0.00	67.94 5.61 0.00	56.72 4.96 -0.05	49.08 4.45 -1.01	43.83 3.77 -0.83
FPL_FAR_ROCK_GT2 23815	45.28 4.20 -0.35	39.37 3.77 0.00	35.71 3.04 0.00	34.12 2.87 0.00	34.08 2.67 0.00	36.27 2.63 0.00	44.23 3.31 0.00	45.22 3.96 0.00	44.46 4.07 -0.07	40.61 3.81 -0.13	46.58 3.75 -7.09	44.98 3.91 -4.58	48.52 4.33 -4.80	50.22 4.56 -5.98	50.44 4.92 -3.47	53.85 5.43 -2.00	60.04 5.87 -4.39	77.15 6.18 -15.26	79.39 6.84 -12.49	75.37 7.35 0.00	67.94 5.61 0.00	56.72 4.96 -0.05	49.08 4.45 -1.01	43.83 3.77 -0.83

FRANKLIN_FALL_HYD 24054	39.96 -0.77 0.00	34.71 -0.89 0.00	31.92 -0.75 0.00	30.53 -0.72 0.00	30.62 -0.79 0.00	32.97 -0.67 0.00	40.06 -0.86 0.00	40.40 -0.87 0.00	39.47 -0.85 0.00	35.68 -0.99 0.00	34.77 -0.96 0.00	35.47 -1.02 0.00	38.44 -0.95 0.00	38.73 -0.95 0.00	40.92 -1.14 0.00	45.22 -1.21 0.00	48.43 -1.34 0.00	54.21 -1.50 0.00	58.43 -1.62 0.00	66.59 -1.43 0.00	61.08 -1.25 0.00	50.98 -0.72 0.00	43.05 -0.57 0.00	38.76 -0.47 0.00
FREEPORT_EQUS_GT1 23764	45.08 3.99 -0.35	39.19 3.59 0.00	35.54 2.88 0.00	33.94 2.69 0.00	33.89 2.48 0.00	36.10 2.45 0.00	43.98 3.07 0.00	45.02 3.75 0.00	44.30 3.91 -0.07	40.47 3.67 -0.13	46.37 3.54 -7.09	44.76 3.68 -4.58	48.21 4.02 -4.80	49.47 4.25 -5.54	49.76 4.54 -3.17	53.37 4.97 -1.97	59.55 5.38 -4.39	76.43 5.46 -15.26	78.61 6.06 -12.49	74.48 6.47 0.00	67.12 4.80 0.00	56.07 4.34 -0.02	48.77 4.15 -1.00	43.59 3.53 -0.83
FREEPORT___CT2 23818	45.08 3.99 -0.35	39.19 3.59 0.00	35.54 2.88 0.00	33.94 2.69 0.00	33.89 2.48 0.00	36.10 2.45 0.00	43.98 3.07 0.00	45.02 3.75 0.00	44.30 3.91 -0.07	40.47 3.67 -0.13	46.37 3.54 -7.09	44.76 3.68 -4.58	48.21 4.02 -4.80	49.47 4.25 -5.54	49.76 4.54 -3.17	53.37 4.97 -1.97	59.55 5.38 -4.39	76.43 5.46 -15.26	78.61 6.06 -12.49	74.48 6.47 0.00	67.12 4.80 0.00	56.07 4.34 -0.02	48.77 4.15 -1.00	43.59 3.53 -0.83
FRESHKLS_33_KV_LOAD 356253	44.25 3.54 0.02	38.77 3.17 -0.01	35.32 2.64 -0.01	33.82 2.56 -0.01	33.87 2.45 -0.01	35.90 2.25 0.00	43.49 2.58 0.00	44.07 2.81 0.00	43.30 2.98 0.00	39.57 2.90 0.00	39.14 2.93 -0.47	41.73 3.14 -2.10	48.19 3.58 -5.21	53.97 3.85 -10.44	57.83 3.87 -11.91	65.02 4.27 -14.33	65.99 4.58 -11.63	76.15 5.18 -15.26	78.00 5.46 -12.48	73.59 5.58 0.01	66.74 4.43 0.01	55.90 4.19 -0.01	48.60 3.97 -1.01	42.44 3.22 0.01
FULTON COGEN____ 23766	39.68 -1.06 0.00	34.78 -0.82 0.00	31.88 -0.78 0.00	30.50 -0.75 0.00	30.68 -0.72 0.00	32.87 -0.77 0.00	40.06 -0.86 0.00	40.36 -0.91 0.00	39.35 -0.97 0.00	35.83 -0.84 0.00	34.85 -0.89 0.00	35.62 -0.88 0.00	38.33 -1.06 0.00	38.57 -1.11 0.00	40.87 -1.18 0.00	45.96 -1.30 -0.83	49.56 -1.44 -1.22	55.96 -1.56 -1.81	60.52 -1.62 -2.09	68.54 -1.70 -2.22	62.80 -1.50 -1.97	51.80 -1.34 -1.44	43.05 -1.27 -0.70	38.21 -1.02 0.00
FULTON___LFGE 323630	43.31 2.61 0.03	37.95 2.35 0.00	34.79 2.12 0.00	33.25 2.00 0.00	33.42 2.01 0.00	35.77 2.12 0.00	43.16 2.25 0.00	42.79 1.53 0.00	41.17 0.85 0.00	36.93 0.26 0.00	35.85 0.11 0.00	36.53 0.04 0.00	39.47 0.08 0.00	39.88 0.20 0.00	42.18 0.13 0.00	46.66 0.33 0.09	50.19 0.60 0.19	56.35 1.28 0.65	61.93 2.40 0.53	72.24 4.22 0.00	66.94 4.61 0.00	55.51 3.73 -0.08	51.18 3.10 -4.46	41.80 2.59 0.02
G.F.CEMENT___DRP 24184	43.91 3.18 0.00	38.48 2.88 0.00	35.25 2.58 0.00	33.69 2.44 0.00	33.86 2.45 0.00	36.20 2.56 0.00	43.78 2.86 0.00	43.70 2.43 0.00	42.54 2.22 0.00	38.50 1.83 0.00	37.49 1.75 0.00	37.84 1.35 0.00	40.89 1.50 0.00	41.07 1.39 0.00	43.36 1.30 0.00	48.28 1.95 0.09	52.10 2.54 0.21	58.26 3.29 0.74	63.71 4.26 0.61	73.94 5.92 0.00	68.25 5.92 0.00	56.60 4.81 -0.08	52.07 3.93 -4.53	42.57 3.33 0.00
GARDENVILLE___LBMP 24039	22.32 -4.77 13.64	24.74 -3.74 7.12	17.64 -3.53 11.50	20.08 -3.47 7.70	20.95 -3.55 6.91	24.07 -3.73 5.84	18.11 -4.13 18.67	16.98 -4.13 20.16	19.07 -4.19 17.05	19.07 -3.63 13.97	16.77 -3.82 15.14	17.58 -3.80 15.12	18.38 -4.29 16.72	18.43 -4.32 16.92	18.40 -4.71 18.95	21.33 -5.11 19.98	23.28 -5.18 21.32	26.37 -5.91 23.44	30.92 -6.31 22.83	37.20 -6.94 23.88	41.76 -6.17 14.39	36.45 -5.33 9.94	32.73 -4.84 6.05	28.49 -4.43 6.31
GARDNVLA_35_KV_LD 355827	23.92 -4.68 12.13	25.53 -3.67 6.40	19.05 -3.46 10.15	20.77 -3.41 7.07	21.58 -3.49 6.34	24.62 -3.67 5.36	19.42 -4.05 17.44	18.48 -4.04 18.74	21.19 -4.11 15.01	20.82 -3.59 12.26	18.66 -3.75 13.33	19.47 -3.72 13.30	20.45 -4.21 14.72	20.56 -4.21 14.91	20.60 -4.58 16.87	23.65 -5.01 17.75	25.84 -5.03 18.91	29.02 -5.74 20.95	33.73 -6.13 20.20	40.15 -6.73 21.14	43.54 -5.92 12.86	37.65 -5.17 8.88	33.35 -4.71 5.56	29.12 -4.35 5.76
GELCKHM___115KV_LOAD 80723	40.25 -0.81 -0.33	35.58 -0.61 -0.59	32.64 -0.56 -0.53	31.76 -0.56 -1.07	31.84 -0.53 -0.96	33.92 -0.54 -0.81	41.27 -0.61 -0.97	41.52 -0.62 -0.87	39.63 -0.69 0.00	36.08 -0.59 0.00	35.13 -0.61 0.00	35.91 -0.58 0.00	38.64 -0.75 0.00	38.88 -0.79 0.00	41.55 -0.84 -0.34	45.11 -0.88 0.43	48.10 -1.05 0.63	53.66 -1.11 0.94	57.79 -1.20 1.06	65.66 -1.22 1.13	60.26 -1.06 1.00	49.99 -0.98 0.73	42.87 -0.96 -0.21	39.05 -0.78 -0.60
GENERAL___MILLS 23808	23.51 -4.68 12.54	25.34 -3.67 6.59	18.65 -3.50 10.52	20.60 -3.41 7.25	21.39 -3.52 6.50	24.49 -3.67 5.49	19.09 -4.05 17.78	18.05 -4.09 19.12	20.64 -4.11 15.57	20.36 -3.59 12.72	18.17 -3.75 13.82	18.94 -3.76 13.79	19.91 -4.21 15.27	19.98 -4.25 15.45	19.99 -4.63 17.43	23.00 -5.06 18.36	25.19 -5.03 19.56	28.29 -5.79 21.63	33.02 -6.13 20.91	39.34 -6.80 21.88	43.06 -5.98 13.28	37.32 -5.22 9.17	33.17 -4.75 5.69	28.97 -4.35 5.90
GE_PLASTICS___DRP 24183	41.88 1.14 0.00	36.63 1.03 0.00	33.61 0.95 0.00	32.16 0.91 0.00	32.29 0.88 0.00	34.49 0.84 0.00	41.73 0.82 0.00	42.01 0.74 0.00	41.09 0.77 0.00	37.40 0.73 0.00	36.49 0.75 0.00	37.18 0.69 0.00	40.22 0.83 0.00	40.51 0.83 0.00	42.98 0.93 0.00	47.30 0.97 0.09	50.71 1.14 0.21	56.26 1.28 0.73	60.90 1.44 0.60	69.51 1.50 0.00	63.82 1.50 0.00	52.99 1.24 -0.04	47.14 1.05 -2.47	40.17 0.94 0.00
GILBOA___1 23756	41.92 1.22 0.04	36.70 1.10 0.00	33.68 1.01 0.00	32.22 0.97 0.00	32.35 0.94 0.00	34.55 0.91 0.00	41.94 1.02 0.00	42.30 1.03 0.00	41.45 1.13 0.00	37.74 1.06 0.00	36.78 1.04 0.00	37.55 1.06 0.00	40.57 1.18 0.00	40.98 1.31 0.00	43.44 1.39 0.00	47.63 1.53 0.32	50.59 1.54 0.73	54.94 1.78 2.55	59.71 1.74 2.09	69.78 1.77 0.00	63.88 1.56 0.00	53.06 1.34 0.00	45.73 1.18 -0.93	40.19 0.98 0.02
GILBOA___2 23757	41.92 1.22 0.04	36.70 1.10 0.00	33.68 1.01 0.00	32.22 0.97 0.00	32.35 0.94 0.00	34.55 0.91 0.00	41.94 1.02 0.00	42.30 1.03 0.00	41.45 1.13 0.00	37.74 1.06 0.00	36.78 1.04 0.00	37.55 1.06 0.00	40.57 1.18 0.00	40.98 1.31 0.00	43.44 1.39 0.00	47.63 1.53 0.32	50.59 1.54 0.73	54.94 1.78 2.55	59.71 1.74 2.09	69.78 1.77 0.00	63.88 1.56 0.00	53.06 1.34 0.00	45.73 1.18 -0.93	40.19 0.98 0.02
GILBOA___3 23758	41.92 1.22 0.04	36.70 1.10 0.00	33.68 1.01 0.00	32.22 0.97 0.00	32.35 0.94 0.00	34.55 0.91 0.00	41.94 1.02 0.00	42.30 1.03 0.00	41.45 1.13 0.00	37.74 1.06 0.00	36.78 1.04 0.00	37.55 1.06 0.00	40.57 1.18 0.00	40.98 1.31 0.00	43.44 1.39 0.00	47.63 1.53 0.32	50.59 1.54 0.73	54.94 1.78 2.55	59.71 1.74 2.09	69.78 1.77 0.00	63.88 1.56 0.00	53.06 1.34 0.00	45.73 1.18 -0.93	40.19 0.98 0.02

GILBOA___4 23759	41.92 1.22 0.04	36.70 1.10 0.00	33.68 1.01 0.00	32.22 0.97 0.00	32.35 0.94 0.00	34.55 0.91 0.00	41.94 1.02 0.00	42.30 1.03 0.00	41.45 1.13 0.00	37.74 1.06 0.00	36.78 1.04 0.00	37.55 1.06 0.00	40.57 1.18 0.00	40.98 1.31 0.00	43.44 1.39 0.00	47.63 1.53 0.32	50.59 1.54 0.73	54.94 1.78 2.55	59.71 1.74 2.09	69.78 1.77 0.00	63.88 1.56 0.00	53.06 1.34 0.00	45.73 1.18 -0.93	40.19 0.98 0.02
GILBOA____ 23599	41.92 1.22 0.04	36.70 1.10 0.00	33.71 1.05 0.00	32.25 1.00 0.00	32.38 0.97 0.00	34.55 0.91 0.00	41.98 1.06 0.00	42.34 1.07 0.00	41.45 1.13 0.00	37.73 1.06 0.00	36.78 1.04 0.00	37.55 1.06 0.00	40.57 1.18 0.00	40.95 1.27 0.00	43.44 1.39 0.00	47.54 1.44 0.32	50.59 1.54 0.73	54.95 1.78 2.54	59.72 1.74 2.08	69.79 1.77 0.00	63.88 1.56 0.00	53.06 1.34 0.00	45.72 1.18 -0.93	40.19 0.98 0.02
GINNA____ 23603	34.09 -4.40 2.24	27.70 -3.63 4.27	25.49 -3.36 3.81	20.22 -3.25 7.78	21.29 -3.14 6.97	24.42 -3.33 5.89	27.07 -3.89 9.95	27.99 -3.92 9.35	33.88 -3.95 2.49	31.08 -3.52 2.07	30.13 -3.40 2.21	30.81 -3.47 2.22	33.09 -3.86 2.44	33.20 -4.01 2.47	32.35 -4.29 5.41	37.70 -4.74 3.99	40.80 -4.98 4.00	44.95 -5.68 5.08	51.07 -6.01 2.98	58.53 -6.32 3.17	53.80 -5.73 2.79	44.71 -4.96 2.03	34.14 -4.45 5.03	30.85 -4.08 4.30
GLEN PARK____ 23778	41.39 0.65 0.00	36.06 0.46 0.00	33.22 0.55 0.00	31.84 0.59 0.00	31.91 0.50 0.00	34.42 0.77 0.00	41.57 0.65 0.00	41.80 0.54 0.00	40.08 -0.24 0.00	35.90 -0.77 0.00	34.85 -0.89 0.00	35.62 -0.88 0.00	38.37 -1.02 0.00	38.69 -0.99 0.00	40.75 -1.30 0.00	45.03 -1.39 0.00	48.39 -1.39 0.00	54.93 -0.78 0.00	59.82 -0.24 0.00	68.15 0.14 0.00	62.76 0.44 0.00	52.23 0.52 0.00	43.80 0.18 0.00	39.47 0.24 0.00
GLENDALE_27_KV_LOAD 356172	44.34 3.63 0.02	38.88 3.28 -0.01	35.52 2.84 -0.01	34.01 2.75 -0.01	34.08 2.67 -0.01	36.14 2.49 0.00	43.78 2.86 0.00	44.44 3.18 0.00	43.75 3.43 0.00	39.97 3.30 0.00	39.49 3.29 -0.47	42.02 3.43 -2.10	48.42 3.82 -5.21	54.13 4.01 -10.44	58.25 4.29 -11.91	65.49 4.74 -14.34	66.63 5.18 -11.67	76.94 5.85 -15.38	78.82 6.19 -12.58	74.41 6.39 0.00	67.50 5.17 0.00	56.01 4.29 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GLENWOOD_IC_1_G5 23712	44.67 3.58 -0.35	38.84 3.24 0.00	35.35 2.68 0.00	33.78 2.53 0.00	33.83 2.42 0.00	35.97 2.32 0.00	43.62 2.70 0.00	44.48 3.22 0.00	43.90 3.51 -0.07	40.10 3.30 -0.13	46.15 3.32 -7.09	44.54 3.47 -4.58	48.01 3.82 -4.80	49.15 4.01 -5.47	49.50 4.33 -3.11	53.13 4.74 -1.97	59.28 5.08 -4.42	76.26 5.18 -15.37	78.22 5.59 -12.58	73.87 5.85 0.00	66.87 4.55 0.00	55.91 4.19 -0.01	48.38 3.75 -1.00	43.20 3.14 -0.83
GLENWOOD_IC_2_G1 23688	44.38 3.30 -0.35	38.59 2.99 0.00	35.15 2.48 0.00	33.62 2.37 0.00	33.67 2.26 0.00	35.80 2.16 0.00	43.57 2.66 0.00	44.36 3.10 0.00	43.66 3.26 -0.07	39.88 3.08 -0.13	45.90 3.07 -7.09	44.29 3.21 -4.58	47.73 3.55 -4.80	48.82 3.77 -5.37	49.13 4.04 -3.04	52.89 4.50 -1.96	59.00 4.83 -4.39	76.15 5.18 -15.26	78.13 5.59 -12.49	73.87 5.85 0.00	66.94 4.61 0.00	55.59 3.88 -0.01	48.07 3.45 -1.00	42.92 2.86 -0.83
GLENWOOD_IC_3_G1 23689	44.38 3.30 -0.35	38.59 2.99 0.00	35.15 2.48 0.00	33.62 2.37 0.00	33.67 2.26 0.00	35.80 2.16 0.00	43.57 2.66 0.00	44.36 3.10 0.00	43.66 3.26 -0.07	39.88 3.08 -0.13	45.90 3.07 -7.09	44.29 3.21 -4.58	47.73 3.55 -4.80	48.82 3.77 -5.37	49.13 4.04 -3.04	52.89 4.50 -1.96	59.00 4.83 -4.39	76.15 5.18 -15.26	78.13 5.59 -12.49	73.87 5.85 0.00	66.94 4.61 0.00	55.59 3.88 -0.01	48.07 3.45 -1.00	42.92 2.86 -0.83
GLENWOOD___4 23550	44.67 3.58 -0.35	38.84 3.24 0.00	35.35 2.68 0.00	33.78 2.53 0.00	33.83 2.42 0.00	35.97 2.32 0.00	43.62 2.70 0.00	44.48 3.22 0.00	43.90 3.51 -0.07	40.10 3.30 -0.13	46.15 3.32 -7.09	44.54 3.47 -4.58	48.01 3.82 -4.80	49.15 4.01 -5.47	49.50 4.33 -3.11	53.13 4.74 -1.97	59.28 5.08 -4.42	76.37 5.29 -15.37	78.34 5.71 -12.58	74.07 6.05 0.00	67.00 4.67 0.00	55.91 4.19 -0.01	48.38 3.75 -1.00	43.20 3.14 -0.83
GLENWOOD___5 23614	44.67 3.58 -0.35	38.84 3.24 0.00	35.35 2.68 0.00	33.78 2.53 0.00	33.83 2.42 0.00	35.97 2.32 0.00	43.62 2.70 0.00	44.48 3.22 0.00	43.90 3.51 -0.07	40.10 3.30 -0.13	46.15 3.32 -7.09	44.54 3.47 -4.58	48.01 3.82 -4.80	49.15 4.01 -5.47	49.50 4.33 -3.11	53.13 4.74 -1.97	59.28 5.08 -4.42	76.37 5.29 -15.37	78.34 5.71 -12.58	74.07 6.05 0.00	67.00 4.67 0.00	55.91 4.19 -0.01	48.38 3.75 -1.00	43.20 3.14 -0.83
GLOBAL GREEN_PORT_GT1 23814	45.32 4.24 -0.35	39.51 3.92 0.00	35.67 3.00 0.00	34.00 2.75 0.00	33.89 2.48 0.00	36.24 2.59 0.00	44.19 3.27 0.00	45.84 4.58 0.00	45.35 4.96 -0.07	41.38 4.58 -0.13	46.83 4.00 -7.09	45.02 3.94 -4.58	48.75 4.57 -4.80	49.89 4.92 -5.29	50.09 5.04 -2.99	53.85 5.48 -1.96	60.39 6.22 -4.39	76.98 6.02 -15.25	79.39 6.84 -12.49	75.30 7.28 0.00	67.31 4.99 0.00	56.37 4.66 0.00	48.90 4.28 -1.00	43.63 3.57 -0.83
GLOBE___DSASP 323697	24.60 -5.83 10.31	25.37 -4.63 5.60	19.77 -4.34 8.55	20.40 -4.25 6.60	21.28 -4.21 5.92	24.20 -4.44 5.01	20.93 -5.07 14.91	20.44 -4.99 15.83	23.51 -5.00 11.81	22.68 -4.36 9.63	20.83 -4.43 10.48	21.55 -4.49 10.46	22.81 -5.00 11.58	22.88 -5.08 11.72	22.82 -5.59 13.64	26.12 -6.03 14.26	27.88 -6.47 15.43	30.99 -7.41 17.31	35.14 -8.17 16.75	41.30 -9.18 17.54	43.16 -8.29 10.88	37.33 -6.88 7.50	32.31 -6.11 5.20	28.36 -5.53 5.34
GOETHSLN___LBMP 323567	43.84 3.14 0.03	38.48 2.88 0.00	35.15 2.48 0.00	33.69 2.44 0.00	33.73 2.32 0.00	35.80 2.15 0.00	43.45 2.54 0.00	44.15 2.89 0.00	43.50 3.19 0.00	39.72 3.04 0.00	39.24 3.04 -0.46	41.74 3.17 -2.08	48.09 3.55 -5.15	53.73 3.73 -10.32	57.87 4.04 -11.78	65.08 4.46 -14.20	66.20 4.83 -11.59	76.49 5.40 -15.38	78.34 5.71 -12.58	73.87 5.85 0.00	67.12 4.80 0.00	55.49 3.77 -0.01	47.98 3.36 -1.00	41.92 2.71 0.02
GOLAH___69_KV_TB 1_2 80279	34.63 -3.18 2.92	29.70 -2.49 3.40	26.66 -2.35 3.66	23.36 -2.34 5.54	24.21 -2.23 4.97	27.16 -2.29 4.20	30.11 -2.58 8.23	30.56 -2.68 8.02	35.07 -2.86 2.38	32.27 -2.53 1.88	31.09 -2.54 2.11	31.81 -2.59 2.09	34.09 -2.95 2.34	34.29 -3.02 2.37	34.44 -3.28 4.33	39.01 -3.53 3.89	41.46 -3.78 4.53	45.80 -4.23 5.68	50.26 -4.38 5.41	57.89 -4.42 5.70	54.08 -3.99 4.26	45.10 -3.57 3.04	36.20 -3.40 4.02	32.94 -3.06 3.23
GOODYEAR_LAKE_HYD 323669	42.48 1.55 -0.20	37.50 1.39 -0.52	34.44 1.31 -0.46	33.44 1.25 -0.94	33.48 1.22 -0.84	35.64 1.28 -0.71	43.68 1.60 -1.17	43.92 1.61 -1.05	41.69 1.37 0.00	37.70 1.03 0.00	36.70 0.96 0.00	37.51 1.02 0.00	40.57 1.18 0.00	40.99 1.31 0.00	43.81 1.35 -0.41	47.94 1.44 -0.08	51.45 1.49 -0.18	58.34 2.01 -0.63	62.81 2.22 -0.53	70.56 2.52 -0.03	64.65 2.31 -0.02	53.55 1.81 -0.03	47.15 1.44 -2.09	40.93 1.22 -0.48

GOUDEY___1 345031	42.74 0.12 -1.89	37.74 0.25 -1.89	35.20 0.20 -2.34	34.21 0.19 -2.78	34.05 0.16 -2.49	35.92 0.17 -2.10	46.95 0.82 -5.21	47.36 0.83 -5.27	42.09 0.73 -1.04	37.97 0.62 -0.67	37.18 0.54 -0.91	37.95 0.58 -0.87	41.05 0.63 -1.03	41.37 0.63 -1.05	44.68 0.71 -1.91	48.21 0.79 -1.00	50.75 -0.05 -1.02	57.24 0.06 -1.47	59.70 -0.30 0.06	67.00 -0.34 0.68	61.45 -0.25 0.63	50.83 -0.41 0.46	44.39 -0.52 -1.30	39.87 -0.47 -1.11
GOUDEY___7 23579	42.74 0.12 -1.89	37.74 0.25 -1.89	35.20 0.20 -2.34	34.21 0.19 -2.78	34.05 0.16 -2.49	35.92 0.17 -2.10	46.95 0.82 -5.21	47.36 0.83 -5.27	42.09 0.73 -1.04	37.97 0.62 -0.67	37.18 0.54 -0.91	37.95 0.58 -0.87	41.05 0.63 -1.03	41.37 0.63 -1.05	44.68 0.71 -1.91	48.21 0.79 -1.00	50.75 -0.05 -1.02	57.24 0.06 -1.47	59.70 -0.30 0.06	67.00 -0.34 0.68	61.45 -0.25 0.63	50.83 -0.41 0.46	44.39 -0.52 -1.30	39.87 -0.47 -1.11
GOUDEY___8 23580	42.74 0.12 -1.89	37.74 0.25 -1.89	35.20 0.20 -2.34	34.21 0.19 -2.78	34.05 0.16 -2.49	35.92 0.17 -2.10	46.95 0.82 -5.21	47.36 0.83 -5.27	42.09 0.73 -1.04	37.97 0.62 -0.67	37.18 0.54 -0.91	37.95 0.58 -0.87	41.05 0.63 -1.03	41.37 0.63 -1.05	44.68 0.71 -1.91	48.21 0.79 -1.00	50.75 -0.05 -1.02	57.24 0.06 -1.47	59.70 -0.30 0.06	67.00 -0.34 0.68	61.45 -0.25 0.63	50.83 -0.41 0.46	44.39 -0.52 -1.30	39.87 -0.47 -1.11
GOWANUS_GT1_1 24077	44.30 3.58 0.02	38.85 3.24 -0.01	35.42 2.74 -0.01	33.92 2.66 -0.01	33.99 2.58 -0.01	36.00 2.36 0.00	43.53 2.62 0.00	44.15 2.89 0.00	43.46 3.14 0.00	39.72 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.26 3.66 -5.21	53.97 3.85 -10.44	58.04 4.08 -11.91	65.17 4.41 -14.34	66.23 4.78 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	67.00 4.67 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT1_2 24078	44.30 3.58 0.02	38.85 3.24 -0.01	35.42 2.74 -0.01	33.92 2.66 -0.01	33.99 2.58 -0.01	36.00 2.36 0.00	43.53 2.62 0.00	44.15 2.89 0.00	43.46 3.14 0.00	39.72 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.26 3.66 -5.21	53.97 3.85 -10.44	58.04 4.08 -11.91	65.17 4.41 -14.34	66.23 4.78 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	67.00 4.67 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT1_3 24079	44.30 3.58 0.02	38.85 3.24 -0.01	35.42 2.74 -0.01	33.92 2.66 -0.01	33.99 2.58 -0.01	36.00 2.36 0.00	43.53 2.62 0.00	44.15 2.89 0.00	43.46 3.14 0.00	39.72 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.26 3.66 -5.21	53.97 3.85 -10.44	58.04 4.08 -11.91	65.17 4.41 -14.34	66.23 4.78 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	67.00 4.67 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT1_4 24080	44.30 3.58 0.02	38.85 3.24 -0.01	35.42 2.74 -0.01	33.92 2.66 -0.01	33.99 2.58 -0.01	36.00 2.36 0.00	43.53 2.62 0.00	44.15 2.89 0.00	43.46 3.14 0.00	39.72 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.26 3.66 -5.21	53.97 3.85 -10.44	58.04 4.08 -11.91	65.17 4.41 -14.34	66.23 4.78 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	67.00 4.67 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT1_5 24084	44.30 3.58 0.02	38.85 3.24 -0.01	35.42 2.74 -0.01	33.92 2.66 -0.01	33.99 2.58 -0.01	36.00 2.36 0.00	43.53 2.62 0.00	44.15 2.89 0.00	43.46 3.14 0.00	39.72 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.26 3.66 -5.21	53.97 3.85 -10.44	58.04 4.08 -11.91	65.17 4.41 -14.34	66.23 4.78 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	67.00 4.67 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT1_6 24111	44.30 3.58 0.02	38.85 3.24 -0.01	35.42 2.74 -0.01	33.92 2.66 -0.01	33.99 2.58 -0.01	36.00 2.36 0.00	43.53 2.62 0.00	44.15 2.89 0.00	43.46 3.14 0.00	39.72 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.26 3.66 -5.21	53.97 3.85 -10.44	58.04 4.08 -11.91	65.17 4.41 -14.34	66.23 4.78 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	67.00 4.67 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT1_7 24112	44.30 3.58 0.02	38.85 3.24 -0.01	35.42 2.74 -0.01	33.92 2.66 -0.01	33.99 2.58 -0.01	36.00 2.36 0.00	43.53 2.62 0.00	44.15 2.89 0.00	43.46 3.14 0.00	39.72 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.26 3.66 -5.21	53.97 3.85 -10.44	58.04 4.08 -11.91	65.17 4.41 -14.34	66.23 4.78 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	67.00 4.67 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT1_8 24113	44.30 3.58 0.02	38.85 3.24 -0.01	35.42 2.74 -0.01	33.92 2.66 -0.01	33.99 2.58 -0.01	36.00 2.36 0.00	43.53 2.62 0.00	44.15 2.89 0.00	43.46 3.14 0.00	39.72 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.26 3.66 -5.21	53.97 3.85 -10.44	58.04 4.08 -11.91	65.17 4.41 -14.34	66.23 4.78 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	67.00 4.67 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT2_1 24114	44.30 3.59 0.02	38.81 3.21 -0.01	35.39 2.71 -0.01	33.88 2.63 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.71 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.01 3.89 -10.44	58.04 4.08 -11.91	65.26 4.50 -14.34	66.25 4.83 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT2_2 24115	44.30 3.59 0.02	38.81 3.21 -0.01	35.39 2.71 -0.01	33.88 2.63 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.71 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.01 3.89 -10.44	58.04 4.08 -11.91	65.26 4.50 -14.34	66.25 4.83 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT2_3 24116	44.30 3.59 0.02	38.81 3.21 -0.01	35.39 2.71 -0.01	33.88 2.63 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.71 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.01 3.89 -10.44	58.04 4.08 -11.91	65.26 4.50 -14.34	66.25 4.83 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT2_4 24117	44.30 3.59 0.02	38.81 3.21 -0.01	35.39 2.71 -0.01	33.88 2.63 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.71 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.01 3.89 -10.44	58.04 4.08 -11.91	65.26 4.50 -14.34	66.25 4.83 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01

GOWANUS_GT2_5 24118	44.30 3.59 0.02	38.81 3.21 -0.01	35.39 2.71 -0.01	33.88 2.63 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.71 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.01 3.89 -10.44	58.04 4.08 -11.91	65.26 4.50 -14.34	66.25 4.83 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT2_6 24119	44.30 3.59 0.02	38.81 3.21 -0.01	35.39 2.71 -0.01	33.88 2.63 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.71 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.01 3.89 -10.44	58.04 4.08 -11.91	65.26 4.50 -14.34	66.25 4.83 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT2_7 24120	44.30 3.59 0.02	38.81 3.21 -0.01	35.39 2.71 -0.01	33.88 2.63 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.71 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.01 3.89 -10.44	58.04 4.08 -11.91	65.26 4.50 -14.34	66.25 4.83 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT2_8 24121	44.30 3.59 0.02	38.81 3.21 -0.01	35.39 2.71 -0.01	33.88 2.63 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.71 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.01 3.89 -10.44	58.04 4.08 -11.91	65.26 4.50 -14.34	66.25 4.83 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT3_1 24122	44.30 3.59 0.02	38.81 3.21 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.71 3.04 0.00	39.24 3.04 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.01 3.89 -10.44	58.04 4.08 -11.91	65.26 4.50 -14.34	66.25 4.83 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT3_2 24123	44.30 3.59 0.02	38.81 3.21 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.71 3.04 0.00	39.24 3.04 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.01 3.89 -10.44	58.04 4.08 -11.91	65.26 4.50 -14.34	66.25 4.83 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT3_3 24124	44.30 3.59 0.02	38.81 3.21 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.71 3.04 0.00	39.24 3.04 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.01 3.89 -10.44	58.04 4.08 -11.91	65.26 4.50 -14.34	66.25 4.83 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT3_4 24125	44.30 3.59 0.02	38.81 3.21 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.71 3.04 0.00	39.24 3.04 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.01 3.89 -10.44	58.04 4.08 -11.91	65.26 4.50 -14.34	66.25 4.83 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT3_5 24126	44.30 3.59 0.02	38.81 3.21 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.71 3.04 0.00	39.24 3.04 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.01 3.89 -10.44	58.04 4.08 -11.91	65.26 4.50 -14.34	66.25 4.83 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT3_6 24127	44.30 3.59 0.02	38.81 3.21 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.71 3.04 0.00	39.24 3.04 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.01 3.89 -10.44	58.04 4.08 -11.91	65.26 4.50 -14.34	66.25 4.83 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT3_7 24128	44.30 3.59 0.02	38.81 3.21 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.71 3.04 0.00	39.24 3.04 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.01 3.89 -10.44	58.04 4.08 -11.91	65.26 4.50 -14.34	66.25 4.83 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT3_8 24129	44.30 3.59 0.02	38.81 3.21 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.71 3.04 0.00	39.24 3.04 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.01 3.89 -10.44	58.04 4.08 -11.91	65.26 4.50 -14.34	66.25 4.83 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT4_1 24130	44.30 3.58 0.02	38.85 3.24 -0.01	35.42 2.74 -0.01	33.92 2.66 -0.01	33.99 2.58 -0.01	36.00 2.36 0.00	43.53 2.62 0.00	44.15 2.89 0.00	43.46 3.14 0.00	39.72 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.26 3.66 -5.21	53.97 3.85 -10.44	58.04 4.08 -11.91	65.17 4.41 -14.34	66.28 4.83 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	67.00 4.67 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT4_2 24131	44.30 3.58 0.02	38.85 3.24 -0.01	35.42 2.74 -0.01	33.92 2.66 -0.01	33.99 2.58 -0.01	36.00 2.36 0.00	43.53 2.62 0.00	44.15 2.89 0.00	43.46 3.14 0.00	39.72 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.26 3.66 -5.21	53.97 3.85 -10.44	58.04 4.08 -11.91	65.17 4.41 -14.34	66.28 4.83 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	67.00 4.67 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT4_3 24132	44.30 3.58 0.02	38.85 3.24 -0.01	35.42 2.74 -0.01	33.92 2.66 -0.01	33.99 2.58 -0.01	36.00 2.36 0.00	43.53 2.62 0.00	44.15 2.89 0.00	43.46 3.14 0.00	39.72 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.26 3.66 -5.21	53.97 3.85 -10.44	58.04 4.08 -11.91	65.17 4.41 -14.34	66.28 4.83 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	67.00 4.67 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01

GOWANUS_GT4_4 24133	44.30 3.58 0.02	38.85 3.24 -0.01	35.42 2.74 -0.01	33.92 2.66 -0.01	33.99 2.58 -0.01	36.00 2.36 0.00	43.53 2.62 0.00	44.15 2.89 0.00	43.46 3.14 0.00	39.72 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.26 3.66 -5.21	53.97 3.85 -10.44	58.04 4.08 -11.91	65.17 4.41 -14.34	66.28 4.83 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	67.00 4.67 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT4_5 24134	44.30 3.58 0.02	38.85 3.24 -0.01	35.42 2.74 -0.01	33.92 2.66 -0.01	33.99 2.58 -0.01	36.00 2.36 0.00	43.53 2.62 0.00	44.15 2.89 0.00	43.46 3.14 0.00	39.72 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.26 3.66 -5.21	53.97 3.85 -10.44	58.04 4.08 -11.91	65.17 4.41 -14.34	66.28 4.83 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	67.00 4.67 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT4_6 24135	44.30 3.58 0.02	38.85 3.24 -0.01	35.42 2.74 -0.01	33.92 2.66 -0.01	33.99 2.58 -0.01	36.00 2.36 0.00	43.53 2.62 0.00	44.15 2.89 0.00	43.46 3.14 0.00	39.72 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.26 3.66 -5.21	53.97 3.85 -10.44	58.04 4.08 -11.91	65.17 4.41 -14.34	66.28 4.83 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	67.00 4.67 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT4_7 24136	44.30 3.58 0.02	38.85 3.24 -0.01	35.42 2.74 -0.01	33.92 2.66 -0.01	33.99 2.58 -0.01	36.00 2.36 0.00	43.53 2.62 0.00	44.15 2.89 0.00	43.46 3.14 0.00	39.72 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.26 3.66 -5.21	53.97 3.85 -10.44	58.04 4.08 -11.91	65.17 4.41 -14.34	66.28 4.83 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	67.00 4.67 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GOWANUS_GT4_8 24137	44.30 3.58 0.02	38.85 3.24 -0.01	35.42 2.74 -0.01	33.92 2.66 -0.01	33.99 2.58 -0.01	36.00 2.36 0.00	43.53 2.62 0.00	44.15 2.89 0.00	43.46 3.14 0.00	39.72 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.26 3.66 -5.21	53.97 3.85 -10.44	58.04 4.08 -11.91	65.17 4.41 -14.34	66.28 4.83 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	67.00 4.67 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GREENBSH_115KV_TB3 55895	41.88 1.14 0.00	36.67 1.07 0.00	33.61 0.95 0.00	32.16 0.91 0.00	32.29 0.88 0.00	34.49 0.84 0.00	41.69 0.78 0.00	41.92 0.66 0.00	41.00 0.69 0.00	37.33 0.66 0.00	36.42 0.68 0.00	37.11 0.62 0.00	40.14 0.75 0.00	40.47 0.79 0.00	42.93 0.88 0.00	47.23 0.88 0.07	50.71 1.10 0.17	56.30 1.17 0.58	60.96 1.38 0.48	69.51 1.50 0.00	63.82 1.50 0.00	52.99 1.24 -0.05	47.61 1.09 -2.89	40.21 0.98 0.00
GREENDGE_115KV_TB5 80291	58.06 -2.12 -19.44	51.71 -1.25 -17.36	53.15 -1.24 -21.72	55.31 -1.25 -25.31	52.91 -1.19 -22.69	51.71 -1.11 -19.17	73.42 -1.31 -33.81	73.67 -1.32 -33.73	58.45 -1.57 -19.70	52.03 -1.03 -16.39	52.04 -1.22 -17.52	52.86 -1.17 -17.54	57.04 -1.65 -19.30	57.42 -1.79 -19.53	67.24 -1.89 -27.08	65.47 -2.04 -21.09	69.26 -2.34 -21.82	76.71 -2.45 -23.45	81.38 -3.00 -24.33	90.46 -2.92 -25.37	73.56 -2.49 -13.73	58.63 -2.38 -9.30	56.06 -1.96 -14.40	53.33 -1.73 -15.83
GREENIDGE___3 23582	58.06 -2.12 -19.44	51.71 -1.25 -17.36	53.15 -1.24 -21.72	55.31 -1.25 -25.31	52.91 -1.19 -22.69	51.71 -1.11 -19.17	73.42 -1.31 -33.81	73.67 -1.32 -33.73	58.45 -1.57 -19.70	52.03 -1.03 -16.39	52.04 -1.22 -17.52	52.86 -1.17 -17.54	57.04 -1.65 -19.30	57.42 -1.79 -19.53	67.24 -1.89 -27.08	65.47 -2.04 -21.09	69.26 -2.34 -21.82	76.71 -2.45 -23.45	81.38 -3.00 -24.33	90.46 -2.92 -25.37	73.56 -2.49 -13.73	58.63 -2.38 -9.30	56.06 -1.96 -14.40	53.33 -1.73 -15.83
GREENIDGE___4 23583	58.06 -2.12 -19.44	51.71 -1.25 -17.36	53.15 -1.24 -21.72	55.34 -1.22 -25.31	52.91 -1.19 -22.69	51.71 -1.11 -19.17	73.42 -1.31 -33.81	73.63 -1.36 -33.73	58.53 -1.57 -19.78	52.11 -1.03 -16.46	52.19 -1.15 -17.59	52.93 -1.17 -17.61	57.08 -1.69 -19.38	57.54 -1.74 -19.61	67.33 -1.89 -27.17	65.56 -2.04 -21.18	69.46 -2.34 -22.02	76.93 -2.45 -23.67	81.35 -3.00 -24.30	90.43 -2.92 -25.34	73.53 -2.49 -13.70	58.61 -2.38 -9.28	56.18 -1.83 -14.39	53.34 -1.73 -15.83
GREENLWN_69_KV_BK 3 55738	44.87 3.79 -0.35	38.98 3.38 0.00	35.38 2.71 0.00	33.78 2.53 0.00	33.76 2.36 0.00	35.93 2.29 0.00	43.45 2.54 0.00	44.56 3.30 0.00	44.18 3.79 -0.07	40.36 3.56 -0.13	46.19 3.36 -7.09	44.54 3.47 -4.58	47.89 3.70 -4.80	48.79 3.81 -5.30	49.13 4.08 -3.00	52.56 4.18 -1.96	58.58 4.38 -4.42	75.54 4.46 -15.37	77.56 4.92 -12.58	73.32 5.31 0.00	65.94 3.61 0.00	55.23 3.52 0.00	48.33 3.71 -1.00	43.43 3.37 -0.83
GREENWD_138_KV_38B11_REV_LBMP_J 345004	44.30 3.58 0.02	38.85 3.24 -0.01	35.42 2.74 -0.01	33.92 2.66 -0.01	33.99 2.58 -0.01	36.00 2.36 0.00	43.57 2.66 0.00	44.15 2.89 0.00	43.46 3.14 0.00	39.72 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.26 3.66 -5.21	53.97 3.85 -10.44	58.08 4.12 -11.91	65.17 4.41 -14.34	66.28 4.83 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	67.00 4.67 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
GRISSOM___SOLAR 323813	43.19 2.49 0.03	37.84 2.24 0.00	34.69 2.03 0.00	33.13 1.87 0.00	33.32 1.92 0.00	35.63 1.98 0.00	43.00 2.09 0.00	42.62 1.36 0.00	41.00 0.68 0.00	36.82 0.15 0.00	35.70 -0.04 0.00	36.38 -0.11 0.00	39.35 -0.04 0.00	39.72 0.04 0.00	42.05 0.00 0.00	46.52 0.19 0.09	50.03 0.45 0.20	56.09 1.06 0.68	61.72 2.22 0.56	71.96 3.94 0.00	66.69 4.36 0.00	55.31 3.52 -0.08	51.08 2.92 -4.53	41.69 2.47 0.02
GROVEVILLE___HYD 323602	43.76 3.06 0.03	38.34 2.74 0.00	35.08 2.42 0.00	33.56 2.31 0.00	33.64 2.23 0.00	35.73 2.09 0.00	43.41 2.50 0.00	43.86 2.60 0.00	43.06 2.74 0.00	39.16 2.49 0.00	38.20 2.47 0.00	39.05 2.55 0.00	42.30 2.91 0.00	42.77 3.09 0.00	45.50 3.45 0.00	52.18 3.85 -1.91	58.36 4.28 -4.30	75.60 4.96 -14.94	77.75 5.47 -12.23	73.80 5.78 0.00	67.31 4.99 0.00	55.49 3.77 -0.01	47.94 3.27 -1.05	41.80 2.59 0.02
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	40.81 -0.53 -0.60	36.36 -0.32 -1.08	33.31 -0.33 -0.97	32.91 -0.31 -1.97	32.86 -0.31 -1.77	34.84 -0.30 -1.49	42.48 -0.29 -1.85	42.59 -0.33 -1.66	39.92 -0.40 0.00	36.30 -0.37 0.00	35.35 -0.39 0.00	36.13 -0.36 0.00	38.92 -0.47 0.00	39.16 -0.52 0.00	42.15 -0.55 -0.65	45.82 -0.60 0.00	49.08 -0.70 0.00	54.99 -0.72 0.00	59.28 -0.78 0.00	67.34 -0.68 0.00	61.70 -0.62 0.00	51.09 -0.62 0.00	44.00 -0.65 -1.03	39.83 -0.51 -1.11
HAMLTNNY_34_KV_TB 80303	40.76 -0.61 -0.64	36.36 -0.39 -1.15	33.30 -0.39 -1.03	32.94 -0.41 -2.10	32.91 -0.38 -1.88	34.86 -0.37 -1.59	42.48 -0.37 -1.93	42.58 -0.41 -1.73	39.79 -0.52 0.00	36.23 -0.44 0.00	35.24 -0.50 0.00	36.05 -0.44 0.00	38.84 -0.55 0.00	39.04 -0.63 0.00	42.06 -0.67 -0.68	45.73 -0.70 0.00	48.98 -0.80 0.00	54.87 -0.84 0.00	59.16 -0.90 0.00	67.27 -0.75 0.00	61.70 -0.62 0.00	51.04 -0.67 0.00	43.98 -0.74 -1.10	39.83 -0.59 -1.18

HAMPSHIRE___PAPER_HYD 323593	40.00 -0.73 0.00	34.78 -0.82 0.00	31.98 -0.69 0.00	30.63 -0.62 0.00	30.72 -0.69 0.00	33.07 -0.57 0.00	40.10 -0.82 0.00	40.36 -0.91 0.00	39.11 -1.21 0.00	35.24 -1.43 0.00	34.27 -1.47 0.00	34.89 -1.60 0.00	37.70 -1.69 0.00	37.97 -1.70 0.00	39.99 -2.06 0.00	44.10 -2.32 0.00	47.34 -2.44 0.00	53.26 -2.45 0.00	57.71 -2.34 0.00	65.64 -2.38 0.00	60.39 -1.93 0.00	50.47 -1.24 0.00	42.62 -1.00 0.00	38.37 -0.86 0.00
HARDSCRABBLE_WT_PWR 323673	40.00 -0.73 0.00	34.99 -0.61 0.00	32.11 -0.56 0.00	30.75 -0.50 0.00	30.90 -0.50 0.00	33.11 -0.54 0.00	40.22 -0.70 0.00	40.48 -0.79 0.00	39.47 -0.85 0.00	35.79 -0.88 0.00	34.88 -0.86 0.00	35.62 -0.88 0.00	38.44 -0.95 0.00	38.72 -0.95 0.00	41.00 -1.05 0.00	45.22 -1.21 0.00	48.44 -1.34 0.00	54.32 -1.39 0.00	58.68 -1.38 0.00	66.39 -1.63 0.00	60.83 -1.50 0.00	50.47 -1.24 0.00	42.70 -0.92 0.00	38.41 -0.83 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	43.39 2.69 0.03	38.02 2.42 0.00	34.79 2.12 0.00	33.28 2.03 0.00	33.35 1.95 0.00	35.46 1.82 0.00	43.08 2.17 0.00	43.62 2.35 0.00	42.86 2.54 0.00	39.02 2.35 0.00	38.06 2.32 0.00	38.94 2.44 0.00	42.15 2.76 0.00	42.57 2.90 0.00	45.29 3.24 0.00	51.79 3.62 -1.75	57.76 4.03 -3.95	74.05 4.62 -13.72	76.27 4.98 -11.23	73.19 5.17 0.00	66.69 4.36 0.00	55.02 3.31 -0.01	47.40 2.84 -0.95	41.49 2.28 0.02
HARSNRAD_115KV_TB1 81005	25.45 -5.42 9.86	25.71 -4.24 5.65	20.29 -3.99 8.39	20.58 -3.91 6.76	21.45 -3.89 6.06	24.45 -4.07 5.13	21.62 -4.54 14.75	21.10 -4.54 15.62	24.13 -4.60 11.60	23.21 -4.00 9.46	21.33 -4.11 10.29	22.10 -4.12 10.27	23.37 -4.65 11.37	23.48 -4.68 11.51	23.45 -5.13 13.47	26.84 -5.57 14.02	28.98 -5.92 14.88	32.00 -6.85 16.86	36.20 -7.39 16.46	42.62 -8.16 17.24	44.33 -7.29 10.71	38.00 -6.26 7.45	32.80 -5.63 5.20	28.85 -5.14 5.24
HARZA MOOSE___RIVER 24016	40.61 -0.12 0.00	35.46 -0.14 0.00	32.60 -0.07 0.00	31.22 -0.03 0.00	31.31 -0.09 0.00	33.65 0.00 0.00	40.79 -0.12 0.00	41.06 -0.21 0.00	39.75 -0.56 0.00	35.86 -0.81 0.00	34.92 -0.82 0.00	35.65 -0.84 0.00	38.44 -0.95 0.00	38.80 -0.87 0.00	41.00 -1.05 0.00	45.26 -1.16 0.00	48.58 -1.19 0.00	54.76 -0.95 0.00	59.34 -0.72 0.00	67.27 -0.75 0.00	61.76 -0.56 0.00	51.35 -0.36 0.00	43.18 -0.44 0.00	38.88 -0.35 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	39.92 -0.81 0.00	35.03 -0.57 0.00	32.11 -0.56 0.00	30.69 -0.56 0.00	30.87 -0.53 0.00	33.11 -0.54 0.00	40.34 -0.57 0.00	40.69 -0.58 0.00	39.67 -0.65 0.00	36.12 -0.55 0.00	35.17 -0.57 0.00	35.94 -0.55 0.00	38.72 -0.67 0.00	38.96 -0.71 0.00	41.29 -0.76 0.00	45.08 -0.84 0.51	48.08 -0.95 0.75	53.54 -1.06 1.11	57.65 -1.14 1.26	65.52 -1.16 1.34	60.07 -1.06 1.19	49.86 -0.98 0.87	42.24 -0.96 0.42	38.45 -0.78 0.00
HELLGATE_13_KV_LD 55870	44.38 3.67 0.02	38.92 3.31 -0.01	35.55 2.87 -0.01	34.04 2.78 -0.01	34.12 2.70 -0.01	36.17 2.52 0.00	43.78 2.86 0.00	44.40 3.14 0.00	43.75 3.43 0.00	39.97 3.30 0.00	39.49 3.29 -0.47	42.02 3.43 -2.10	48.42 3.82 -5.21	54.09 3.97 -10.44	58.25 4.29 -11.91	65.45 4.69 -14.34	66.58 5.13 -11.67	76.83 5.74 -15.38	78.76 6.13 -12.58	74.34 6.33 0.00	67.37 5.05 0.00	56.01 4.29 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	44.38 3.67 0.02	38.92 3.31 -0.01	35.55 2.87 -0.01	34.04 2.78 -0.01	34.12 2.70 -0.01	36.17 2.52 0.00	43.78 2.86 0.00	44.40 3.14 0.00	43.75 3.43 0.00	39.97 3.30 0.00	39.49 3.29 -0.47	42.02 3.43 -2.10	48.42 3.82 -5.21	54.09 3.97 -10.44	58.25 4.29 -11.91	65.45 4.69 -14.34	66.58 5.13 -11.67	76.83 5.74 -15.38	78.76 6.13 -12.58	74.34 6.33 0.00	67.37 5.05 0.00	56.01 4.29 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
HEMPSTEAD____ 23647	44.71 3.62 -0.35	38.84 3.24 0.00	35.28 2.61 0.00	33.69 2.44 0.00	33.70 2.29 0.00	35.87 2.22 0.00	43.70 2.78 0.00	44.69 3.42 0.00	43.94 3.55 -0.07	40.14 3.34 -0.13	46.08 3.25 -7.09	44.47 3.39 -4.58	47.89 3.70 -4.80	49.09 3.93 -5.48	49.38 4.20 -3.12	52.99 4.60 -1.97	59.10 4.93 -4.39	75.98 5.02 -15.26	78.07 5.52 -12.49	73.87 5.85 0.00	66.62 4.30 0.00	55.65 3.93 -0.01	48.33 3.71 -1.00	43.24 3.18 -0.83
HICKLING___1 23621	46.13 -1.02 -6.42	40.64 -0.61 -5.64	39.40 -0.59 -7.32	38.59 -0.63 -7.97	37.89 -0.66 -7.14	39.08 -0.61 -6.04	54.18 0.41 -12.86	54.73 0.41 -13.05	48.19 0.20 -7.67	43.14 0.18 -6.28	42.55 0.00 -6.81	43.36 0.07 -6.80	46.95 0.04 -7.52	47.33 0.04 -7.61	52.23 0.08 -10.09	54.58 0.09 -8.07	57.91 -0.20 -8.33	64.85 -0.11 -9.25	68.88 -1.20 -10.03	77.06 -1.02 -10.07	67.03 -0.75 -5.45	54.45 -0.93 -3.67	47.41 -1.05 -4.84	43.36 -1.06 -5.18
HICKLING___2 23622	46.13 -1.02 -6.42	40.64 -0.61 -5.64	39.40 -0.59 -7.32	38.59 -0.63 -7.97	37.89 -0.66 -7.14	39.08 -0.61 -6.04	54.18 0.41 -12.86	54.73 0.41 -13.05	48.19 0.20 -7.67	43.14 0.18 -6.28	42.55 0.00 -6.81	43.36 0.07 -6.80	46.95 0.04 -7.52	47.33 0.04 -7.61	52.23 0.08 -10.09	54.58 0.09 -8.07	57.91 -0.20 -8.33	64.85 -0.11 -9.25	68.88 -1.20 -10.03	77.06 -1.02 -10.07	67.03 -0.75 -5.45	54.45 -0.93 -3.67	47.41 -1.05 -4.84	43.36 -1.06 -5.18
HIGH FALLS___HY 23754	44.08 3.38 0.03	38.59 2.99 0.00	35.28 2.61 0.00	33.75 2.50 0.00	33.79 2.39 0.00	35.87 2.22 0.00	43.70 2.78 0.00	44.23 2.97 0.00	43.38 3.06 0.00	39.42 2.75 0.00	38.42 2.68 0.00	39.30 2.81 0.00	42.58 3.19 0.00	43.09 3.41 0.00	45.92 3.87 0.00	52.26 4.36 -1.48	57.94 4.83 -3.33	73.07 5.79 -11.57	75.95 6.43 -9.47	74.89 6.87 0.00	68.18 5.86 0.00	56.06 4.34 -0.01	48.70 3.84 -1.24	42.08 2.86 0.02
HIGH_RIVER___SOLAR 323847	42.61 1.87 0.00	37.27 1.67 0.00	34.20 1.54 0.00	32.69 1.44 0.00	32.85 1.45 0.00	35.12 1.48 0.00	42.47 1.55 0.00	42.46 1.20 0.00	41.17 0.85 0.00	37.08 0.40 0.00	35.92 0.18 0.00	36.60 0.11 0.00	39.59 0.20 0.00	39.92 0.24 0.00	42.26 0.21 0.00	46.69 0.37 0.10	50.16 0.60 0.22	56.12 1.17 0.76	61.41 1.98 0.62	71.01 2.99 0.00	65.44 3.11 0.00	54.33 2.53 -0.09	50.48 2.14 -4.73	41.04 1.81 0.00
HILLBURN___GT 23639	43.43 2.73 0.03	38.05 2.45 0.00	34.79 2.12 0.00	33.28 2.03 0.00	33.39 1.98 0.00	35.46 1.82 0.00	43.16 2.25 0.00	43.78 2.52 0.00	42.98 2.66 0.00	39.20 2.53 0.00	38.28 2.54 0.00	39.15 2.66 0.00	42.35 2.96 0.00	42.85 3.18 0.00	45.50 3.45 0.00	52.12 3.90 -1.80	58.03 4.23 -4.02	74.36 4.68 -13.97	76.47 4.98 -11.44	73.19 5.17 0.00	66.62 4.30 0.00	54.97 3.26 -0.01	47.46 2.88 -0.96	41.53 2.31 0.02
HILLSIDE_115KV_TB1 80332	45.50 -1.10 -5.86	40.03 -0.71 -5.14	38.66 -0.69 -6.68	37.78 -0.72 -7.25	37.16 -0.75 -6.50	38.37 -0.77 -5.49	53.39 0.37 -12.10	53.94 0.37 -12.31	47.62 0.20 -7.10	42.66 0.18 -5.80	42.12 0.07 -6.31	42.89 0.11 -6.29	46.43 0.08 -6.97	46.81 0.08 -7.05	51.53 0.13 -9.35	54.06 0.14 -7.50	57.33 -0.20 -7.75	64.25 -0.11 -8.66	67.03 -1.32 -8.30	74.82 -1.36 -8.16	65.46 -1.12 -4.25	53.38 -1.19 -2.86	46.64 -1.22 -4.24	42.58 -1.14 -4.48

HISHELDN_WT_PWR 323625	11.30 -4.64 24.79	19.55 -3.63 12.41	7.85 -3.36 21.45	15.90 -3.28 12.07	17.28 -3.30 10.83	21.02 -3.46 9.16	8.00 -3.68 29.24	5.32 -3.63 32.31	1.33 -3.71 35.28	4.01 -3.30 29.36	1.00 -3.36 31.38	1.65 -3.43 31.41	1.00 -3.82 34.57	0.90 -3.81 34.97	0.38 -4.08 37.59	1.80 -4.69 39.94	4.03 -4.88 40.87	5.50 -5.46 44.75	9.86 -6.31 43.89	15.31 -6.87 45.84	29.82 -5.98 26.52	28.30 -5.17 18.23	29.63 -4.67 9.32	24.91 -4.28 10.05
HOLTSVILLE_IC_1 23690	45.12 4.03 -0.35	39.30 3.70 0.00	35.57 2.91 0.00	33.94 2.69 0.00	33.86 2.45 0.00	36.14 2.49 0.00	43.98 3.07 0.00	45.26 4.00 0.00	44.58 4.19 -0.07	40.72 3.93 -0.13	46.33 3.50 -7.09	44.54 3.47 -4.58	48.05 3.86 -4.80	49.06 4.09 -5.29	49.29 4.25 -2.99	52.88 4.50 -1.96	59.05 4.88 -4.39	75.53 4.57 -15.25	77.71 5.17 -12.49	73.60 5.58 0.00	66.06 3.74 0.00	55.48 3.77 0.00	48.46 3.84 -1.00	43.47 3.41 -0.83
HOLTSVILLE_IC_10 23699	45.36 4.28 -0.35	39.51 3.92 0.00	35.74 3.07 0.00	34.06 2.81 0.00	34.01 2.61 0.00	36.30 2.66 0.00	44.19 3.27 0.00	45.51 4.25 0.00	44.87 4.47 -0.07	40.94 4.14 -0.13	46.55 3.72 -7.09	44.76 3.68 -4.58	48.32 4.13 -4.80	49.38 4.40 -5.30	49.63 4.58 -2.99	53.25 4.87 -1.96	59.50 5.33 -4.39	76.03 5.07 -15.25	78.25 5.71 -12.49	74.14 6.12 0.00	66.57 4.24 0.00	55.90 4.19 0.00	48.77 4.15 -1.00	43.71 3.65 -0.83
HOLTSVILLE_IC_2 23691	45.12 4.03 -0.35	39.30 3.70 0.00	35.57 2.91 0.00	33.94 2.69 0.00	33.86 2.45 0.00	36.14 2.49 0.00	43.98 3.07 0.00	45.26 4.00 0.00	44.58 4.19 -0.07	40.72 3.93 -0.13	46.33 3.50 -7.09	44.54 3.47 -4.58	48.05 3.86 -4.80	49.06 4.09 -5.29	49.29 4.25 -2.99	52.88 4.50 -1.96	59.05 4.88 -4.39	75.53 4.57 -15.25	77.71 5.17 -12.49	73.60 5.58 0.00	66.06 3.74 0.00	55.48 3.77 0.00	48.46 3.84 -1.00	43.47 3.41 -0.83
HOLTSVILLE_IC_3 23692	45.12 4.03 -0.35	39.30 3.70 0.00	35.57 2.91 0.00	33.94 2.69 0.00	33.86 2.45 0.00	36.14 2.49 0.00	43.98 3.07 0.00	45.26 4.00 0.00	44.58 4.19 -0.07	40.72 3.93 -0.13	46.33 3.50 -7.09	44.54 3.47 -4.58	48.05 3.86 -4.80	49.06 4.09 -5.29	49.29 4.25 -2.99	52.88 4.50 -1.96	59.05 4.88 -4.39	75.53 4.57 -15.25	77.71 5.17 -12.49	73.60 5.58 0.00	66.06 3.74 0.00	55.48 3.77 0.00	48.46 3.84 -1.00	43.47 3.41 -0.83
HOLTSVILLE_IC_4 23693	45.12 4.03 -0.35	39.30 3.70 0.00	35.57 2.91 0.00	33.94 2.69 0.00	33.86 2.45 0.00	36.14 2.49 0.00	43.98 3.07 0.00	45.26 4.00 0.00	44.58 4.19 -0.07	40.72 3.93 -0.13	46.33 3.50 -7.09	44.54 3.47 -4.58	48.05 3.86 -4.80	49.06 4.09 -5.29	49.29 4.25 -2.99	52.88 4.50 -1.96	59.05 4.88 -4.39	75.53 4.57 -15.25	77.71 5.17 -12.49	73.60 5.58 0.00	66.06 3.74 0.00	55.48 3.77 0.00	48.46 3.84 -1.00	43.47 3.41 -0.83
HOLTSVILLE_IC_5 23694	45.12 4.03 -0.35	39.30 3.70 0.00	35.57 2.91 0.00	33.94 2.69 0.00	33.86 2.45 0.00	36.14 2.49 0.00	43.98 3.07 0.00	45.26 4.00 0.00	44.58 4.19 -0.07	40.72 3.93 -0.13	46.33 3.50 -7.09	44.54 3.47 -4.58	48.05 3.86 -4.80	49.06 4.09 -5.29	49.29 4.25 -2.99	52.88 4.50 -1.96	59.05 4.88 -4.39	75.53 4.57 -15.25	77.71 5.17 -12.49	73.60 5.58 0.00	66.06 3.74 0.00	55.48 3.77 0.00	48.46 3.84 -1.00	43.47 3.41 -0.83
HOLTSVILLE_IC_6 23695	45.36 4.28 -0.35	39.51 3.92 0.00	35.74 3.07 0.00	34.06 2.81 0.00	34.01 2.61 0.00	36.30 2.66 0.00	44.19 3.27 0.00	45.51 4.25 0.00	44.87 4.47 -0.07	40.94 4.14 -0.13	46.55 3.72 -7.09	44.76 3.68 -4.58	48.32 4.13 -4.80	49.38 4.40 -5.30	49.63 4.58 -2.99	53.25 4.87 -1.96	59.50 5.33 -4.39	76.03 5.07 -15.25	78.25 5.71 -12.49	74.14 6.12 0.00	66.57 4.24 0.00	55.90 4.19 0.00	48.77 4.15 -1.00	43.71 3.65 -0.83
HOLTSVILLE_IC_7 23696	45.36 4.28 -0.35	39.51 3.92 0.00	35.74 3.07 0.00	34.06 2.81 0.00	34.01 2.61 0.00	36.30 2.66 0.00	44.19 3.27 0.00	45.51 4.25 0.00	44.87 4.47 -0.07	40.94 4.14 -0.13	46.55 3.72 -7.09	44.76 3.68 -4.58	48.32 4.13 -4.80	49.38 4.40 -5.30	49.63 4.58 -2.99	53.25 4.87 -1.96	59.50 5.33 -4.39	76.03 5.07 -15.25	78.25 5.71 -12.49	74.14 6.12 0.00	66.57 4.24 0.00	55.90 4.19 0.00	48.77 4.15 -1.00	43.71 3.65 -0.83
HOLTSVILLE_IC_8 23697	45.36 4.28 -0.35	39.51 3.92 0.00	35.74 3.07 0.00	34.06 2.81 0.00	34.01 2.61 0.00	36.30 2.66 0.00	44.19 3.27 0.00	45.51 4.25 0.00	44.87 4.47 -0.07	40.94 4.14 -0.13	46.55 3.72 -7.09	44.76 3.68 -4.58	48.32 4.13 -4.80	49.38 4.40 -5.30	49.63 4.58 -2.99	53.25 4.87 -1.96	59.50 5.33 -4.39	76.03 5.07 -15.25	78.25 5.71 -12.49	74.14 6.12 0.00	66.57 4.24 0.00	55.90 4.19 0.00	48.77 4.15 -1.00	43.71 3.65 -0.83
HOLTSVILLE_IC_9 23698	45.36 4.28 -0.35	39.51 3.92 0.00	35.74 3.07 0.00	34.06 2.81 0.00	34.01 2.61 0.00	36.30 2.66 0.00	44.19 3.27 0.00	45.51 4.25 0.00	44.87 4.47 -0.07	40.94 4.14 -0.13	46.55 3.72 -7.09	44.76 3.68 -4.58	48.32 4.13 -4.80	49.38 4.40 -5.30	49.63 4.58 -2.99	53.25 4.87 -1.96	59.50 5.33 -4.39	76.03 5.07 -15.25	78.25 5.71 -12.49	74.14 6.12 0.00	66.57 4.24 0.00	55.90 4.19 0.00	48.77 4.15 -1.00	43.71 3.65 -0.83
HOMER_HL_115KV_TB2 355744	27.26 -2.89 10.59	28.02 -2.14 5.44	21.87 -2.06 8.74	23.25 -2.06 5.94	23.57 -2.51 5.32	26.49 -2.66 4.50	20.71 -3.03 17.18	19.65 -3.18 18.44	23.56 -3.27 13.50	22.98 -2.79 10.90	20.69 -3.07 11.97	21.61 -2.96 11.93	22.72 -3.43 13.24	22.81 -3.45 13.41	23.09 -3.70 15.26	26.30 -4.04 16.08	29.44 -3.14 17.20	33.00 -3.62 19.09	39.36 -3.06 17.64	46.22 -3.33 18.46	48.18 -2.80 11.34	41.11 -2.74 7.86	36.15 -2.70 4.76	31.84 -2.51 4.88
HOWARD_WT_PWR 323690	72.51 -3.75 -35.52	52.83 -2.81 -20.04	63.42 -2.55 -33.30	49.65 -2.50 -20.90	47.68 -2.48 -18.75	46.91 -2.59 -15.85	80.51 -2.29 -41.89	84.97 -2.19 -45.89	86.24 -2.34 -48.26	74.67 -2.16 -40.16	76.30 -2.36 -42.92	77.01 -2.44 -42.97	83.88 -2.80 -47.29	84.70 -2.82 -47.83	91.23 -2.90 -52.08	95.66 -3.25 -52.49	100.88 -3.83 -54.94	111.08 -4.12 -59.50	116.41 -5.41 -61.76	126.86 -5.58 -64.42	93.26 -4.61 -35.55	71.87 -4.03 -24.19	54.04 -3.71 -14.13	51.45 -3.45 -15.67
HQ_GEN_CEDARS 23644	40.37 -0.37 0.00	35.10 -0.50 0.00	32.24 -0.42 0.00	30.84 -0.41 0.00	30.94 -0.47 0.00	33.31 -0.34 0.00	40.46 -0.45 0.00	40.81 -0.45 0.00	39.84 -0.48 0.00	36.08 -0.59 0.00	35.17 -0.57 0.00	35.83 -0.66 0.00	38.80 -0.59 0.00	39.08 -0.60 0.00	41.29 -0.76 0.00	45.63 -0.79 0.00	48.83 -0.95 0.00	54.54 -1.17 0.00	58.86 -1.20 0.00	66.93 -1.09 0.00	61.39 -0.93 0.00	51.29 -0.41 0.00	43.36 -0.26 0.00	39.00 -0.24 0.00
HQ_GEN_CEDARS_PROXY 323590	40.37 -0.37 0.00	35.10 -0.50 0.00	32.24 -0.43 0.00	30.84 -0.41 0.00	30.94 -0.47 0.00	33.31 -0.34 0.00	40.47 -0.45 0.00	40.81 -0.45 0.00	39.84 -0.48 0.00	36.08 -0.59 0.00	35.17 -0.57 0.00	35.84 -0.66 0.00	38.80 -0.59 0.00	39.08 -0.59 0.00	41.34 -0.72 0.00	45.49 -0.93 0.00	48.83 -0.95 0.00	54.54 -1.17 0.00	58.86 -1.20 0.00	66.93 -1.09 0.00	61.39 -0.93 0.00	51.29 -0.42 0.00	43.36 -0.26 0.00	39.04 -0.20 0.00

HQ_GEN_CHPE_PROXY 323851	43.96 3.26 0.03	38.55 2.95 0.00	35.18 2.52 0.00	33.72 2.47 0.00	33.79 2.39 0.00	35.87 2.22 0.00	43.57 2.66 0.00	44.27 3.01 0.00	43.55 3.23 0.00	39.75 3.08 0.00	39.28 3.07 -0.46	41.80 3.21 -2.09	48.13 3.55 -5.19	53.85 3.77 -10.40	58.00 4.08 -11.87	65.26 4.55 -14.29	66.32 4.93 -11.61	76.44 5.46 -15.27	78.31 5.77 -12.48	74.01 5.99 0.00	67.19 4.86 0.00	55.59 3.88 -0.01	48.07 3.45 -1.00	42.00 2.79 0.02
HQ_GEN_IMPORT 323601	40.57 -0.16 0.00	35.35 -0.25 0.00	32.47 -0.19 0.00	31.06 -0.19 0.00	31.22 -0.19 0.00	33.54 -0.10 0.00	40.79 -0.12 0.00	41.18 -0.08 0.00	40.24 -0.08 0.00	36.53 -0.15 0.00	35.60 -0.14 0.00	36.35 -0.15 0.00	39.27 -0.12 0.00	39.56 -0.12 0.00	41.93 -0.13 0.00	46.24 -0.18 0.00	49.63 -0.15 0.00	55.49 -0.22 0.00	59.82 -0.24 0.00	67.81 -0.20 0.00	62.14 -0.19 0.00	51.66 -0.05 0.00	43.58 -0.04 0.00	39.19 -0.04 0.00
HQ_GEN_WHEEL 23651	40.57 -0.16 0.00	35.35 -0.25 0.00	32.47 -0.19 0.00	31.06 -0.19 0.00	31.22 -0.19 0.00	33.54 -0.10 0.00	40.79 -0.12 0.00	41.18 -0.08 0.00	40.24 -0.08 0.00	36.53 -0.15 0.00	35.60 -0.14 0.00	36.35 -0.15 0.00	39.27 -0.12 0.00	39.56 -0.12 0.00	41.93 -0.13 0.00	46.24 -0.18 0.00	49.63 -0.15 0.00	55.49 -0.22 0.00	59.82 -0.24 0.00	67.81 -0.20 0.00	62.14 -0.19 0.00	51.66 -0.05 0.00	43.58 -0.04 0.00	39.19 -0.04 0.00
HUDSON_AVE_GT_3 23810	44.04 3.34 0.03	38.62 3.03 0.00	35.28 2.61 0.00	33.81 2.56 0.00	33.86 2.45 0.00	35.93 2.29 0.00	43.66 2.74 0.00	44.32 3.05 0.00	43.67 3.35 0.00	39.86 3.19 0.00	39.38 3.18 -0.46	41.89 3.32 -2.08	48.25 3.70 -5.15	53.89 3.89 -10.32	58.03 4.21 -11.78	65.26 4.64 -14.20	66.45 5.08 -11.59	76.77 5.68 -15.38	78.64 6.01 -12.58	74.21 6.19 0.00	67.44 5.11 0.00	55.75 4.03 -0.01	48.20 3.58 -1.00	42.12 2.90 0.02
HUDSON_AVE_GT_4 23540	44.04 3.34 0.03	38.62 3.03 0.00	35.28 2.61 0.00	33.81 2.56 0.00	33.86 2.45 0.00	35.93 2.29 0.00	43.66 2.74 0.00	44.32 3.05 0.00	43.67 3.35 0.00	39.86 3.19 0.00	39.38 3.18 -0.46	41.89 3.32 -2.08	48.25 3.70 -5.15	53.89 3.89 -10.32	58.03 4.21 -11.78	65.26 4.64 -14.20	66.45 5.08 -11.59	76.77 5.68 -15.38	78.64 6.01 -12.58	74.21 6.19 0.00	67.44 5.11 0.00	55.75 4.03 -0.01	48.20 3.58 -1.00	42.12 2.90 0.02
HUDSON_AVE_GT_5 23657	44.04 3.34 0.03	38.62 3.03 0.00	35.28 2.61 0.00	33.81 2.56 0.00	33.86 2.45 0.00	35.93 2.29 0.00	43.66 2.74 0.00	44.32 3.05 0.00	43.67 3.35 0.00	39.86 3.19 0.00	39.38 3.18 -0.46	41.89 3.32 -2.08	48.25 3.70 -5.15	53.89 3.89 -10.32	58.03 4.21 -11.78	65.26 4.64 -14.20	66.45 5.08 -11.59	76.77 5.68 -15.38	78.64 6.01 -12.58	74.21 6.19 0.00	67.44 5.11 0.00	55.75 4.03 -0.01	48.20 3.58 -1.00	42.12 2.90 0.02
HUDSON_AVE_10 24168	43.96 3.26 0.03	38.55 2.95 0.00	35.22 2.55 0.00	33.72 2.47 0.00	33.79 2.39 0.00	35.87 2.22 0.00	43.53 2.62 0.00	44.23 2.97 0.00	43.58 3.27 0.00	39.79 3.12 0.00	39.27 3.07 -0.46	41.74 3.17 -2.08	48.09 3.55 -5.15	53.73 3.73 -10.32	57.91 4.08 -11.78	65.12 4.50 -14.20	66.25 4.88 -11.59	76.61 5.52 -15.38	78.46 5.83 -12.58	74.00 5.99 0.00	67.25 4.92 0.00	55.59 3.88 -0.01	48.11 3.49 -1.00	42.04 2.82 0.02
HUDSON___115KV_TB 4 355613	42.73 2.00 0.00	37.41 1.82 0.00	34.30 1.63 0.00	32.78 1.53 0.00	32.91 1.51 0.00	35.09 1.45 0.00	42.47 1.55 0.00	42.50 1.24 0.00	41.45 1.13 0.00	37.59 0.92 0.00	36.60 0.86 0.00	37.29 0.80 0.00	40.33 0.95 0.00	40.67 0.99 0.00	43.19 1.14 0.00	47.86 1.44 0.00	51.57 1.79 0.00	57.88 2.17 0.00	62.82 2.76 0.00	71.28 3.26 0.00	65.57 3.24 0.00	54.33 2.59 -0.04	48.07 1.92 -2.53	41.08 1.84 0.00
HUNTER MOUNT___DRP 323613	42.94 2.20 0.00	37.56 1.96 0.00	34.43 1.76 0.00	32.91 1.66 0.00	33.04 1.63 0.00	35.19 1.55 0.00	42.59 1.68 0.00	42.58 1.32 0.00	41.45 1.13 0.00	37.55 0.88 0.00	36.53 0.79 0.00	37.18 0.69 0.00	40.26 0.87 0.00	40.59 0.91 0.00	43.15 1.09 0.00	48.20 1.53 -0.24	52.22 1.89 -0.55	60.00 2.40 -1.90	64.73 3.12 -1.55	71.56 3.54 0.00	65.88 3.55 0.00	54.53 2.79 -0.03	47.83 1.92 -2.29	41.19 1.96 0.00
HUNTINGTON_RES_REC 323705	45.16 4.07 -0.35	39.27 3.67 0.00	35.54 2.88 0.00	33.91 2.65 0.00	33.86 2.45 0.00	36.07 2.42 0.00	43.94 3.03 0.00	45.19 3.92 0.00	44.51 4.11 -0.07	40.65 3.85 -0.13	46.37 3.54 -7.09	44.69 3.61 -4.58	48.12 3.94 -4.80	49.14 4.17 -5.30	49.46 4.41 -2.99	53.02 4.64 -1.96	59.19 5.03 -4.39	75.81 4.84 -15.25	77.95 5.41 -12.49	73.80 5.78 0.00	66.32 3.99 0.00	55.59 3.88 0.00	48.59 3.97 -1.00	43.59 3.53 -0.83
HUNTLEY___63 23557	24.80 -5.21 10.72	25.60 -4.13 5.87	19.78 -3.89 9.00	20.62 -3.81 6.82	21.49 -3.80 6.11	24.47 -4.00 5.17	20.82 -4.46 15.64	20.15 -4.46 16.65	23.07 -4.52 12.73	22.36 -3.92 10.39	20.36 -4.07 11.30	21.16 -4.05 11.28	22.38 -4.53 12.48	22.48 -4.56 12.64	22.46 -5.00 14.59	25.73 -5.43 15.26	27.83 -5.62 16.32	30.98 -6.46 18.26	35.33 -7.03 17.70	41.67 -7.82 18.53	43.92 -6.98 11.42	37.87 -5.95 7.89	32.94 -5.37 5.32	28.89 -4.90 5.44
HUNTLEY___64 23558	24.80 -5.21 10.72	25.60 -4.13 5.87	19.78 -3.89 9.00	20.62 -3.81 6.82	21.49 -3.80 6.11	24.47 -4.00 5.17	20.82 -4.46 15.64	20.15 -4.46 16.65	23.07 -4.52 12.73	22.36 -3.92 10.39	20.36 -4.07 11.30	21.16 -4.05 11.28	22.38 -4.53 12.48	22.48 -4.56 12.64	22.46 -5.00 14.59	25.73 -5.43 15.26	27.83 -5.62 16.32	30.98 -6.46 18.26	35.33 -7.03 17.70	41.67 -7.82 18.53	43.92 -6.98 11.42	37.87 -5.95 7.89	32.94 -5.37 5.32	28.89 -4.90 5.44
HUNTLEY___65 23559	24.80 -5.21 10.72	25.60 -4.13 5.87	19.78 -3.89 9.00	20.62 -3.81 6.82	21.49 -3.80 6.11	24.47 -4.00 5.17	20.82 -4.46 15.64	20.15 -4.46 16.65	23.07 -4.52 12.73	22.36 -3.92 10.39	20.36 -4.07 11.30	21.16 -4.05 11.28	22.38 -4.53 12.48	22.48 -4.56 12.64	22.46 -5.00 14.59	25.73 -5.43 15.26	27.83 -5.62 16.32	30.98 -6.46 18.26	35.33 -7.03 17.70	41.67 -7.82 18.53	43.92 -6.98 11.42	37.87 -5.95 7.89	32.94 -5.37 5.32	28.89 -4.90 5.44
HUNTLEY___66 23560	24.80 -5.21 10.72	25.60 -4.13 5.87	19.78 -3.89 9.00	20.62 -3.81 6.82	21.49 -3.80 6.11	24.47 -4.00 5.17	20.82 -4.46 15.64	20.15 -4.46 16.65	23.07 -4.52 12.73	22.36 -3.92 10.39	20.36 -4.07 11.30	21.16 -4.05 11.28	22.38 -4.53 12.48	22.48 -4.56 12.64	22.46 -5.00 14.59	25.73 -5.43 15.26	27.83 -5.62 16.32	30.98 -6.46 18.26	35.33 -7.03 17.70	41.67 -7.82 18.53	43.92 -6.98 11.42	37.87 -5.95 7.89	32.94 -5.37 5.32	28.89 -4.90 5.44
HUNTLEY___67 23561	23.51 -5.25 11.98	25.14 -4.13 6.33	18.74 -3.92 10.00	20.31 -3.81 7.13	21.18 -3.83 6.39	24.20 -4.04 5.40	19.62 -4.54 16.76	18.77 -4.54 17.95	21.38 -4.56 14.38	20.96 -3.96 11.76	18.90 -4.07 12.77	19.62 -4.12 12.74	20.68 -4.61 14.10	20.76 -4.64 14.27	20.72 -5.09 16.24	23.83 -5.52 17.07	25.65 -5.77 18.36	29.07 -6.63 20.01	33.71 -7.09 19.26	39.98 -7.89 20.15	42.94 -7.04 12.34	37.15 -6.05 8.50	32.60 -5.41 5.62	28.47 -4.94 5.82

HUNTLEY___68 23562	23.51 -5.25 11.98	25.14 -4.13 6.33	18.74 -3.92 10.00	20.31 -3.81 7.13	21.18 -3.83 6.39	24.20 -4.04 5.40	19.62 -4.54 16.76	18.77 -4.54 17.95	21.38 -4.56 14.38	20.96 -3.96 11.76	18.90 -4.07 12.77	19.62 -4.12 12.74	20.68 -4.61 14.10	20.76 -4.64 14.27	20.72 -5.09 16.24	23.83 -5.52 17.07	25.65 -5.77 18.36	29.07 -6.63 20.01	33.71 -7.09 19.26	39.98 -7.89 20.15	42.94 -7.04 12.34	37.15 -6.05 8.50	32.60 -5.41 5.62	28.47 -4.94 5.82
HYLAND___LFGE 323620	70.08 -1.63 -30.97	50.18 -1.14 -15.72	59.66 -1.05 -28.03	44.66 -1.06 -14.47	43.48 -0.91 -12.98	43.75 -0.87 -10.98	72.80 -0.61 -32.49	76.64 -1.16 -36.54	81.27 -1.89 -42.84	70.31 -2.02 -35.65	71.52 -2.32 -38.10	72.26 -2.37 -38.14	78.69 -2.68 -41.98	79.44 -2.70 -42.46	83.95 -2.69 -44.59	89.67 -2.97 -46.22	95.39 -3.04 -48.65	105.27 -2.90 -52.46	112.90 -2.46 -55.31	124.60 -1.09 -57.67	93.55 -0.31 -31.53	72.51 -0.62 -21.42	52.72 -1.09 -10.19	49.68 -1.29 -11.74
INDECK___CORINTH 23802	43.87 3.14 0.00	38.41 2.81 0.00	35.22 2.55 0.00	33.62 2.37 0.00	33.79 2.39 0.00	36.17 2.52 0.00	43.74 2.82 0.00	43.70 2.43 0.00	42.54 2.22 0.00	38.50 1.83 0.00	37.49 1.75 0.00	37.77 1.28 0.00	40.81 1.42 0.00	41.03 1.35 0.00	43.23 1.18 0.00	48.18 1.86 0.10	51.97 2.39 0.20	58.31 3.29 0.69	63.70 4.20 0.56	73.87 5.85 0.00	68.25 5.92 0.00	56.55 4.75 -0.08	52.07 3.88 -4.57	42.53 3.30 0.00
INDECK___ILION 23567	40.53 -0.20 0.00	35.42 -0.18 0.00	32.54 -0.13 0.00	31.13 -0.13 0.00	31.28 -0.13 0.00	33.51 -0.13 0.00	40.67 -0.25 0.00	41.02 -0.25 0.00	40.00 -0.32 0.00	36.34 -0.33 0.00	35.38 -0.36 0.00	36.16 -0.33 0.00	39.04 -0.35 0.00	39.32 -0.36 0.00	41.63 -0.42 0.00	45.96 -0.46 0.00	49.28 -0.50 0.00	55.21 -0.50 0.00	59.58 -0.48 0.00	67.41 -0.61 0.00	61.83 -0.50 0.00	51.24 -0.47 0.00	43.32 -0.31 0.00	38.96 -0.27 0.00
INDECK___OLEAN 23982	27.26 -2.89 10.59	27.98 -2.17 5.44	21.87 -2.06 8.74	23.25 -2.06 5.94	23.57 -2.51 5.32	26.45 -2.69 4.50	20.75 -2.99 17.18	19.69 -3.14 18.44	19.52 -3.23 17.58	19.26 -2.79 14.62	17.11 -3.00 15.63	17.89 -2.95 15.65	18.74 -3.43 17.22	18.81 -3.45 17.42	18.71 -3.70 19.64	21.69 -4.13 20.61	27.20 -3.13 19.44	30.56 -3.62 21.53	39.76 -3.06 17.23	46.66 -3.33 18.03	48.56 -2.80 10.96	41.39 -2.74 7.58	35.85 -3.14 4.63	31.56 -2.78 4.88
INDECK___OSWEGO 23783	39.64 -1.10 0.00	34.71 -0.89 0.00	31.85 -0.82 0.00	30.47 -0.78 0.00	30.65 -0.75 0.00	32.84 -0.81 0.00	39.98 -0.94 0.00	40.27 -0.99 0.00	39.27 -1.05 0.00	35.72 -0.95 0.00	34.78 -0.96 0.00	35.54 -0.95 0.00	38.25 -1.14 0.00	38.41 -1.27 0.00	40.75 -1.30 0.00	46.47 -1.44 -1.49	50.37 -1.59 -2.18	57.28 -1.67 -3.24	61.98 -1.80 -3.73	70.08 -1.90 -3.96	64.16 -1.68 -3.51	52.77 -1.50 -2.56	43.51 -1.35 -1.25	38.18 -1.06 0.00
INDECK___YERKES 23781	24.80 -5.21 10.72	25.60 -4.13 5.87	19.81 -3.86 9.00	20.65 -3.78 6.82	21.52 -3.77 6.11	24.47 -4.00 5.17	20.82 -4.46 15.64	20.15 -4.46 16.65	20.55 -4.51 15.25	20.05 -3.92 12.69	18.17 -4.00 13.57	18.86 -4.05 13.58	19.92 -4.53 14.95	20.00 -4.56 15.12	19.79 -4.96 17.30	22.74 -5.62 18.06	26.50 -5.63 17.66	29.53 -6.46 19.72	35.63 -6.97 17.46	41.99 -7.76 18.28	44.15 -6.98 11.20	38.08 -5.90 7.73	33.10 -5.28 5.24	28.89 -4.91 5.44
INDIAN POINT_GT_1 24139	43.51 2.81 0.03	38.13 2.53 0.00	34.89 2.22 0.00	33.38 2.13 0.00	33.48 2.07 0.00	35.56 1.92 0.00	43.21 2.29 0.00	43.78 2.52 0.00	43.06 2.74 0.00	39.24 2.57 0.00	38.31 2.57 0.00	39.19 2.70 0.00	42.42 3.03 0.00	42.89 3.21 0.00	45.54 3.49 0.00	52.20 3.85 -1.93	58.30 4.18 -4.34	75.54 4.74 -15.09	77.45 5.04 -12.35	73.19 5.17 0.00	66.69 4.36 0.00	55.02 3.31 -0.01	47.54 2.92 -0.99	41.61 2.39 0.02
INDIAN POINT_GT_2 23659	43.51 2.81 0.03	38.13 2.53 0.00	34.89 2.22 0.00	33.38 2.13 0.00	33.48 2.07 0.00	35.56 1.92 0.00	43.21 2.29 0.00	43.78 2.52 0.00	43.06 2.74 0.00	39.24 2.57 0.00	38.31 2.57 0.00	39.19 2.70 0.00	42.42 3.03 0.00	42.89 3.21 0.00	45.54 3.49 0.00	52.20 3.85 -1.93	58.30 4.18 -4.34	75.54 4.74 -15.09	77.45 5.04 -12.35	73.19 5.17 0.00	66.69 4.36 0.00	55.02 3.31 -0.01	47.54 2.92 -0.99	41.61 2.39 0.02
INDIAN POINT_GT_3 24019	43.51 2.81 0.03	38.13 2.53 0.00	34.89 2.22 0.00	33.38 2.13 0.00	33.48 2.07 0.00	35.56 1.92 0.00	43.21 2.29 0.00	43.78 2.52 0.00	43.06 2.74 0.00	39.24 2.57 0.00	38.31 2.57 0.00	39.19 2.70 0.00	42.42 3.03 0.00	42.89 3.21 0.00	45.54 3.49 0.00	52.20 3.85 -1.93	58.30 4.18 -4.34	75.54 4.74 -15.09	77.45 5.04 -12.35	73.19 5.17 0.00	66.69 4.36 0.00	55.02 3.31 -0.01	47.54 2.92 -0.99	41.61 2.39 0.02
INDIAN POINT___2 23530	43.43 2.73 0.03	38.09 2.49 0.00	34.79 2.12 0.00	33.31 2.06 0.00	33.39 1.98 0.00	35.49 1.85 0.00	43.16 2.25 0.00	43.78 2.52 0.00	43.02 2.70 0.00	39.20 2.53 0.00	38.28 2.54 0.00	39.15 2.66 0.00	42.38 2.99 0.00	42.89 3.21 0.00	45.50 3.45 0.00	52.20 3.90 -1.88	58.16 4.18 -4.20	75.00 4.68 -14.61	76.94 4.93 -11.96	73.12 5.10 0.00	66.57 4.24 0.00	54.97 3.26 -0.01	47.48 2.88 -0.98	41.53 2.31 0.02
INDIAN POINT___3 23531	43.43 2.73 0.03	38.09 2.49 0.00	34.82 2.16 0.00	33.34 2.09 0.00	33.42 2.01 0.00	35.53 1.88 0.00	43.12 2.21 0.00	43.70 2.43 0.00	43.02 2.70 0.00	39.20 2.53 0.00	38.28 2.54 0.00	39.16 2.66 0.00	42.38 2.99 0.00	42.81 3.13 0.00	45.50 3.45 0.00	52.16 3.81 -1.93	58.26 4.13 -4.35	75.43 4.62 -15.10	77.34 4.92 -12.36	73.12 5.10 0.00	66.56 4.24 0.00	54.97 3.26 -0.01	47.49 2.88 -0.99	41.53 2.31 0.02
INDIANHDD_69_KV_BK1 55831	45.28 4.20 -0.35	39.34 3.74 0.00	35.67 3.01 0.00	34.03 2.78 0.00	33.95 2.54 0.00	36.20 2.56 0.00	43.70 2.78 0.00	44.94 3.67 0.00	44.67 4.27 -0.07	40.76 3.96 -0.13	46.47 3.65 -7.09	44.80 3.72 -4.58	48.28 4.10 -4.80	49.26 4.29 -5.30	49.59 4.54 -2.99	53.11 4.74 -1.96	59.23 5.03 -4.42	76.15 5.07 -15.37	78.28 5.65 -12.58	74.14 6.12 0.00	66.56 4.24 0.00	55.79 4.08 0.00	48.72 4.10 -1.00	43.71 3.65 -0.83
INGHAM_C_115KV_TB7 356103	40.04 -0.69 0.00	34.99 -0.61 0.00	32.11 -0.56 0.00	30.75 -0.50 0.00	30.90 -0.50 0.00	33.11 -0.54 0.00	40.22 -0.70 0.00	40.48 -0.78 0.00	39.43 -0.89 0.00	35.79 -0.88 0.00	34.88 -0.86 0.00	35.62 -0.88 0.00	38.44 -0.95 0.00	38.73 -0.95 0.00	41.00 -1.05 0.00	45.22 -1.21 0.00	48.38 -1.39 0.00	54.26 -1.45 0.00	58.61 -1.44 0.00	66.32 -1.70 0.00	60.83 -1.50 0.00	50.47 -1.24 0.00	42.71 -0.92 0.00	38.41 -0.82 0.00
IP CORINTH___1 23988	43.87 3.14 0.00	38.41 2.81 0.00	35.22 2.55 0.00	33.63 2.38 0.00	33.79 2.39 0.00	36.14 2.49 0.00	43.74 2.82 0.00	43.70 2.43 0.00	42.54 2.22 0.00	38.50 1.83 0.00	37.49 1.75 0.00	37.77 1.28 0.00	40.81 1.42 0.00	40.99 1.31 0.00	43.19 1.14 0.00	48.18 1.86 0.10	52.00 2.44 0.22	58.24 3.29 0.76	63.64 4.20 0.62	73.87 5.85 0.00	68.25 5.92 0.00	56.55 4.76 -0.08	52.08 3.88 -4.57	42.53 3.30 0.00

IP___TICONDEROGA 23804	45.05 4.32 0.00	39.48 3.88 0.00	36.20 3.53 0.00	34.53 3.28 0.00	34.74 3.33 0.00	37.18 3.53 0.00	44.88 3.97 0.00	44.56 3.30 0.00	43.18 2.86 0.00	38.98 2.31 0.00	37.88 2.14 0.00	38.17 1.68 0.00	41.20 1.81 0.00	41.42 1.75 0.00	43.61 1.56 0.00	48.65 2.32 0.10	52.70 3.14 0.22	59.08 4.12 0.75	64.97 5.53 0.61	76.45 8.43 0.00	70.93 8.60 0.00	58.72 6.93 -0.08	53.75 5.58 -4.54	43.94 4.71 0.00
ISLIP_RES_REC 323679	45.61 4.52 -0.35	39.69 4.09 0.00	35.87 3.20 0.00	34.22 2.97 0.00	34.14 2.73 0.00	36.44 2.79 0.00	44.35 3.44 0.00	45.72 4.46 0.00	45.07 4.67 -0.07	41.12 4.33 -0.13	46.76 3.93 -7.09	44.98 3.91 -4.58	48.56 4.37 -4.80	49.62 4.64 -5.30	49.92 4.88 -3.00	53.58 5.20 -1.96	59.89 5.72 -4.39	76.48 5.52 -15.25	78.73 6.19 -12.49	74.69 6.67 0.00	67.00 4.68 0.00	56.21 4.50 0.00	48.99 4.36 -1.00	43.91 3.85 -0.83
JAMAICA__27_KV_LOAD 355505	44.21 3.50 0.03	38.77 3.17 0.00	35.41 2.74 0.00	33.88 2.63 0.00	33.92 2.51 0.00	36.00 2.36 0.00	43.78 2.86 0.00	44.52 3.26 0.00	43.91 3.59 0.00	40.05 3.37 0.00	39.31 3.11 -0.46	41.82 3.25 -2.08	48.17 3.62 -5.15	53.81 3.81 -10.32	57.99 4.16 -11.78	65.22 4.60 -14.20	66.40 5.03 -11.59	76.83 5.74 -15.38	78.76 6.13 -12.58	74.34 6.33 0.00	67.56 5.24 0.00	55.85 4.14 -0.01	48.42 3.80 -1.00	42.27 3.06 0.02
JANIS___SOLAR 323808	44.66 0.73 -3.19	39.15 0.75 -2.81	37.00 0.72 -3.61	35.93 0.69 -4.00	35.65 0.66 -3.58	37.48 0.81 -3.03	48.34 1.11 -6.32	48.61 0.95 -6.40	44.88 0.32 -4.24	40.09 -0.11 -3.52	39.11 -0.39 -3.77	39.86 -0.40 -3.77	43.11 -0.43 -4.15	43.48 -0.40 -4.20	47.09 -0.46 -5.50	50.52 -0.42 -4.51	53.59 -0.45 -4.26	60.72 0.11 -4.90	64.77 0.48 -4.24	72.98 1.02 -3.94	65.43 1.12 -1.98	53.81 0.78 -1.33	46.44 0.35 -2.47	41.95 0.28 -2.44
JARVIS____ 23743	40.90 0.16 0.00	35.74 0.14 0.00	32.83 0.16 0.00	31.41 0.16 0.00	31.53 0.13 0.00	33.75 0.10 0.00	41.04 0.12 0.00	41.35 0.08 0.00	40.40 0.08 0.00	36.74 0.07 0.00	35.81 0.07 0.00	36.56 0.07 0.00	39.47 0.08 0.00	39.76 0.08 0.00	42.14 0.08 0.00	46.52 0.09 0.00	49.88 0.10 0.00	55.82 0.11 0.00	60.24 0.18 0.00	68.15 0.14 0.00	62.45 0.12 0.00	51.81 0.10 0.00	43.71 0.09 0.00	39.31 0.08 0.00
JENNISON___1 23625	43.87 1.26 -1.87	38.55 1.17 -1.77	36.01 1.11 -2.23	34.92 1.09 -2.57	34.75 1.04 -2.31	36.74 1.14 -1.95	46.74 1.31 -4.52	47.15 1.32 -4.57	43.28 0.81 -2.16	38.80 0.40 -1.73	37.90 0.25 -1.91	38.68 0.29 -1.90	41.82 0.32 -2.12	42.30 0.48 -2.14	45.43 0.38 -3.00	49.16 0.46 -2.27	52.38 0.20 -2.40	59.46 0.72 -3.03	63.27 0.78 -2.43	70.86 0.95 -1.89	64.12 0.93 -0.86	52.84 0.57 -0.57	45.70 0.26 -1.82	40.93 0.24 -1.46
JENNISON___2 23626	43.87 1.26 -1.87	38.55 1.17 -1.77	36.01 1.11 -2.23	34.92 1.09 -2.57	34.75 1.04 -2.31	36.74 1.14 -1.95	46.74 1.31 -4.52	47.15 1.32 -4.57	43.28 0.81 -2.16	38.80 0.40 -1.73	37.90 0.25 -1.91	38.68 0.29 -1.90	41.82 0.32 -2.12	42.30 0.48 -2.14	45.43 0.38 -3.00	49.16 0.46 -2.27	52.38 0.20 -2.40	59.46 0.72 -3.03	63.27 0.78 -2.43	70.86 0.95 -1.89	64.12 0.93 -0.86	52.84 0.57 -0.57	45.70 0.26 -1.82	40.93 0.24 -1.46
JERICHO_RISE_WT_PWR 323719	39.59 -1.14 0.00	34.46 -1.14 0.00	31.72 -0.95 0.00	30.34 -0.91 0.00	30.47 -0.94 0.00	32.74 -0.91 0.00	39.81 -1.10 0.00	40.11 -1.16 0.00	39.15 -1.17 0.00	35.50 -1.17 0.00	34.59 -1.15 0.00	35.36 -1.13 0.00	38.25 -1.14 0.00	38.57 -1.11 0.00	40.79 -1.26 0.00	44.98 -1.44 0.00	48.33 -1.45 0.00	54.04 -1.67 0.00	58.19 -1.86 0.00	66.25 -1.77 0.00	60.65 -1.68 0.00	50.57 -1.14 0.00	42.62 -1.00 0.00	38.45 -0.78 0.00
KATONAH___115KV_46KV_TB4 355592	43.72 3.01 0.03	38.34 2.74 0.00	35.08 2.42 0.00	33.59 2.34 0.00	33.67 2.26 0.00	35.77 2.12 0.00	43.41 2.50 0.00	43.99 2.72 0.00	43.22 2.90 0.00	39.38 2.71 0.00	38.46 2.72 0.00	39.34 2.85 0.00	42.58 3.19 0.00	43.13 3.45 0.00	45.71 3.66 0.00	52.51 4.09 -2.00	58.72 4.43 -4.51	76.44 5.07 -15.66	78.40 5.53 -12.82	73.73 5.71 0.00	67.12 4.80 0.00	55.33 3.62 -0.01	47.83 3.18 -1.02	41.80 2.59 0.02
KCE_NY_1 323755	43.14 2.40 0.00	37.77 2.17 0.00	34.63 1.96 0.00	33.09 1.84 0.00	33.26 1.85 0.00	35.53 1.88 0.00	42.96 2.04 0.00	43.04 1.77 0.00	41.93 1.61 0.00	38.06 1.39 0.00	37.06 1.32 0.00	37.66 1.17 0.00	40.69 1.30 0.00	41.03 1.35 0.00	43.40 1.35 0.00	48.00 1.67 0.09	51.68 2.09 0.19	57.56 2.51 0.66	62.64 3.12 0.54	72.10 4.08 0.00	66.44 4.11 0.00	55.15 3.36 -0.08	50.94 2.79 -4.52	41.63 2.39 0.00
KCE_NY_6_ESR 323823	23.47 -4.72 12.54	25.30 -3.70 6.59	18.65 -3.49 10.52	20.60 -3.41 7.25	21.42 -3.49 6.50	24.45 -3.70 5.49	19.05 -4.09 17.78	18.05 -4.09 19.12	17.72 -4.15 18.44	17.69 -3.63 15.35	15.62 -3.72 16.40	16.31 -3.76 16.42	17.06 -4.25 18.07	17.11 -4.29 18.28	16.90 -4.63 20.52	19.63 -5.25 21.55	23.60 -5.08 21.10	26.56 -5.85 23.31	33.29 -6.13 20.64	39.69 -6.74 21.59	43.32 -5.98 13.02	37.51 -5.22 8.98	33.22 -4.80 5.60	28.89 -4.43 5.90
KEDC_PORT_JEFF_GT2 24210	45.28 4.20 -0.35	39.44 3.85 0.00	35.67 3.00 0.00	34.00 2.75 0.00	33.95 2.54 0.00	36.24 2.59 0.00	44.11 3.19 0.00	45.39 4.13 0.00	44.75 4.36 -0.07	40.87 4.07 -0.13	46.48 3.65 -7.09	44.69 3.61 -4.58	48.24 4.06 -4.80	49.26 4.29 -5.30	49.55 4.50 -2.99	53.16 4.78 -1.96	59.35 5.18 -4.39	75.76 4.79 -15.25	77.95 5.41 -12.49	73.80 5.78 0.00	66.25 3.93 0.00	55.79 4.08 0.00	48.68 4.06 -1.00	43.63 3.57 -0.83
KEDC_PORT_JEFF_GT3 24211	45.28 4.20 -0.35	39.44 3.85 0.00	35.67 3.00 0.00	34.00 2.75 0.00	33.95 2.54 0.00	36.24 2.59 0.00	44.11 3.19 0.00	45.39 4.13 0.00	44.75 4.36 -0.07	40.87 4.07 -0.13	46.48 3.65 -7.09	44.69 3.61 -4.58	48.24 4.06 -4.80	49.26 4.29 -5.30	49.55 4.50 -2.99	53.16 4.78 -1.96	59.35 5.18 -4.39	75.76 4.79 -15.25	77.95 5.41 -12.49	73.80 5.78 0.00	66.25 3.93 0.00	55.79 4.08 0.00	48.68 4.06 -1.00	43.63 3.57 -0.83
KEDC_GLWD_GT4 24219	44.67 3.59 -0.35	38.84 3.24 0.00	35.31 2.64 0.00	33.78 2.53 0.00	33.79 2.39 0.00	35.93 2.29 0.00	43.78 2.86 0.00	44.65 3.38 0.00	43.94 3.55 -0.07	40.14 3.34 -0.13	46.15 3.32 -7.09	44.54 3.47 -4.58	48.01 3.82 -4.80	49.20 4.05 -5.47	49.54 4.37 -3.11	53.22 4.83 -1.97	59.35 5.18 -4.39	76.15 5.18 -15.26	78.19 5.64 -12.49	73.87 5.85 0.00	66.87 4.55 0.00	55.91 4.19 -0.01	48.38 3.75 -1.00	43.20 3.14 -0.83
KEDC_GLWD_GT5 24220	44.67 3.59 -0.35	38.84 3.24 0.00	35.31 2.64 0.00	33.78 2.53 0.00	33.79 2.39 0.00	35.93 2.29 0.00	43.78 2.86 0.00	44.65 3.38 0.00	43.94 3.55 -0.07	40.14 3.34 -0.13	46.15 3.32 -7.09	44.54 3.47 -4.58	48.01 3.82 -4.80	49.20 4.05 -5.47	49.54 4.37 -3.11	53.22 4.83 -1.97	59.35 5.18 -4.39	76.15 5.18 -15.26	78.19 5.64 -12.49	73.87 5.85 0.00	66.87 4.55 0.00	55.91 4.19 -0.01	48.38 3.75 -1.00	43.20 3.14 -0.83

KENSICO____ 23655	43.64 2.93 0.03	38.23 2.63 0.00	34.99 2.32 0.00	33.50 2.25 0.00	33.57 2.17 0.00	35.66 2.02 0.00	43.29 2.37 0.00	43.90 2.64 0.00	43.22 2.90 0.00	39.38 2.71 0.00	38.49 2.75 0.00	39.34 2.85 0.00	42.58 3.19 0.00	43.05 3.37 0.00	45.71 3.66 0.00	52.42 4.04 -1.95	58.61 4.43 -15.31	75.98 4.96 -12.53	77.87 5.28 -12.53	73.46 5.44 0.00	66.87 4.55 0.00	55.23 3.52 -0.01	47.72 3.10 -1.00	41.72 2.51 0.02
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	43.88 3.18 0.03	38.37 2.78 0.00	35.12 2.45 0.00	33.56 2.31 0.00	33.64 2.23 0.00	35.73 2.09 0.00	43.49 2.58 0.00	43.95 2.68 0.00	43.10 2.78 0.00	39.16 2.49 0.00	38.17 2.43 0.00	39.05 2.55 0.00	42.30 2.91 0.00	42.77 3.09 0.00	45.54 3.49 0.00	51.87 3.95 -1.50	57.59 4.43 -3.38	72.75 5.29 -11.75	75.56 5.89 -9.62	74.34 6.33 0.00	67.75 5.42 0.00	55.75 4.03 -0.01	48.22 3.49 -1.11	41.88 2.67 0.02
KIAC_JFK_GT1 23816	43.96 3.26 0.03	38.55 2.95 0.00	35.22 2.55 0.00	33.72 2.47 0.00	33.76 2.36 0.00	35.80 2.15 0.00	43.53 2.62 0.00	44.28 3.01 0.00	43.67 3.35 0.00	39.86 3.19 0.00	39.13 2.93 -0.46	41.60 3.03 -2.08	47.93 3.39 -5.15	53.57 3.57 -10.32	57.74 3.91 -11.78	64.75 4.13 -14.20	65.95 4.58 -11.59	76.27 5.18 -15.38	78.16 5.53 -12.58	73.66 5.65 0.00	66.94 4.61 0.00	55.49 3.77 -0.01	48.16 3.53 -1.00	42.04 2.82 0.02
KIAC_JFK_GT2 23817	43.96 3.26 0.03	38.55 2.95 0.00	35.22 2.55 0.00	33.72 2.47 0.00	33.76 2.36 0.00	35.80 2.15 0.00	43.53 2.62 0.00	44.28 3.01 0.00	43.67 3.35 0.00	39.86 3.19 0.00	39.13 2.93 -0.46	41.60 3.03 -2.08	47.93 3.39 -5.15	53.57 3.57 -10.32	57.74 3.91 -11.78	64.75 4.13 -14.20	65.95 4.58 -11.59	76.27 5.18 -15.38	78.16 5.53 -12.58	73.66 5.65 0.00	66.94 4.61 0.00	55.49 3.77 -0.01	48.16 3.53 -1.00	42.04 2.82 0.02
KIAC_JFK____ 323774	44.00 3.30 0.03	38.55 2.95 0.00	35.18 2.52 0.00	33.69 2.44 0.00	33.73 2.32 0.00	35.80 2.16 0.00	43.61 2.70 0.00	44.36 3.10 0.00	43.66 3.34 0.00	39.86 3.19 0.00	39.13 2.93 -0.46	41.60 3.03 -2.08	47.93 3.39 -5.15	53.61 3.61 -10.32	57.78 3.95 -11.78	64.84 4.22 -14.20	65.97 4.63 -11.56	76.16 5.18 -15.27	78.06 5.52 -12.48	73.66 5.64 0.00	66.94 4.61 0.00	55.49 3.77 -0.01	48.16 3.53 -1.00	42.04 2.83 0.02
KINTIGH_24_KV_GSU 356498	27.57 -5.05 8.12	27.06 -4.02 4.51	22.53 -3.76 6.38	21.71 -3.66 5.88	22.59 -3.55 5.27	25.45 -3.74 4.46	24.77 -4.38 11.77	24.69 -4.33 12.24	26.22 -4.36 9.74	24.75 -3.81 8.11	23.28 -3.79 8.66	23.95 -3.87 8.67	25.47 -4.37 9.55	25.58 -4.44 9.66	25.54 -4.83 11.67	28.97 -5.38 12.07	32.22 -5.57 11.98	35.45 -6.40 13.85	40.97 -6.85 12.24	47.63 -7.55 12.83	47.31 -6.79 8.23	40.12 -5.84 5.74	33.84 -5.15 4.63	29.69 -4.71 4.83
KINTIGH____ 23543	27.61 -5.01 8.12	27.10 -3.99 4.51	22.53 -3.76 6.38	21.71 -3.66 5.88	22.59 -3.55 5.27	25.46 -3.73 4.46	24.77 -4.38 11.77	24.69 -4.33 12.24	28.17 -4.35 7.79	26.53 -3.81 6.33	24.96 -3.86 6.92	25.73 -3.87 6.90	27.41 -4.33 7.65	27.49 -4.44 7.74	27.64 -4.84 9.58	31.27 -5.25 9.91	33.23 -5.58 10.97	36.56 -6.41 12.75	40.79 -6.85 12.42	47.44 -7.55 13.03	47.13 -6.79 8.40	40.00 -5.84 5.87	33.70 -5.23 4.69	29.65 -4.75 4.83
KNTFSRNC_46_KV_46KV_LOAD 80397	40.08 -0.65 0.00	34.89 -0.71 0.00	32.08 -0.59 0.00	30.69 -0.56 0.00	30.78 -0.63 0.00	33.14 -0.50 0.00	40.26 -0.65 0.00	40.56 -0.70 0.00	39.63 -0.69 0.00	35.86 -0.81 0.00	34.92 -0.82 0.00	35.69 -0.80 0.00	38.64 -0.75 0.00	38.96 -0.71 0.00	41.21 -0.84 0.00	45.59 -0.84 0.00	48.88 -0.90 0.00	54.65 -1.06 0.00	58.92 -1.14 0.00	67.13 -0.88 0.00	61.51 -0.81 0.00	51.24 -0.47 0.00	43.23 -0.39 0.00	38.96 -0.27 0.00
LACHUTE____HYDRO 323717	45.05 4.32 0.00	39.48 3.88 0.00	36.23 3.56 0.00	34.53 3.28 0.00	34.73 3.33 0.00	37.18 3.53 0.00	44.93 4.01 0.00	44.57 3.30 0.00	43.18 2.86 0.00	38.98 2.31 0.00	37.88 2.14 0.00	38.17 1.68 0.00	41.20 1.81 0.00	41.50 1.83 0.00	43.65 1.60 0.00	48.60 2.27 0.10	52.62 3.04 0.19	59.16 4.12 0.67	65.03 5.52 0.55	76.45 8.43 0.00	70.93 8.60 0.00	58.72 6.93 -0.08	53.70 5.54 -4.54	43.94 4.71 0.00
LAWRNCV_115KV_TB1 80681	40.04 -0.69 0.00	34.78 -0.82 0.00	31.95 -0.72 0.00	30.59 -0.66 0.00	30.68 -0.72 0.00	33.07 -0.57 0.00	40.14 -0.78 0.00	40.44 -0.83 0.00	39.43 -0.89 0.00	35.61 -1.06 0.00	34.70 -1.04 0.00	35.25 -1.24 0.00	38.17 -1.22 0.00	38.41 -1.27 0.00	40.45 -1.60 0.00	44.71 -1.72 0.00	47.84 -1.94 0.00	53.54 -2.17 0.00	57.77 -2.28 0.00	65.77 -2.24 0.00	60.52 -1.81 0.00	50.67 -1.03 0.00	42.97 -0.65 0.00	38.68 -0.55 0.00
LEDERLE____ 23769	43.59 2.89 0.03	38.16 2.56 0.00	34.92 2.25 0.00	33.41 2.16 0.00	33.48 2.07 0.00	35.60 1.95 0.00	43.25 2.33 0.00	43.82 2.56 0.00	43.10 2.78 0.00	39.27 2.60 0.00	38.35 2.61 0.00	39.23 2.74 0.00	42.46 3.07 0.00	42.93 3.25 0.00	45.63 3.57 0.00	52.26 3.99 -1.84	58.26 4.33 -4.15	75.04 4.90 -14.43	77.09 5.22 -11.81	73.46 5.44 0.00	66.87 4.55 0.00	55.18 3.46 -0.01	47.60 3.01 -0.97	41.65 2.43 0.02
LIGHTHSE_115KV_TB6 355974	40.25 -0.49 0.00	35.21 -0.39 0.00	32.34 -0.33 0.00	30.94 -0.31 0.00	31.09 -0.31 0.00	33.38 -0.27 0.00	40.55 -0.37 0.00	40.85 -0.41 0.00	39.59 -0.73 0.00	35.90 -0.77 0.00	34.92 -0.82 0.00	35.65 -0.84 0.00	38.40 -0.98 0.00	38.65 -1.03 0.00	40.92 -1.14 0.00	45.46 -1.25 -0.29	48.81 -1.39 -0.42	54.94 -1.39 -0.63	59.52 -1.26 -0.73	67.57 -1.22 -0.77	62.01 -1.00 -0.69	51.43 -0.78 -0.50	43.08 -0.79 -0.24	38.64 -0.59 0.00
LINDEN COGEN____ 23786	43.84 3.14 0.03	38.45 2.85 0.00	35.12 2.45 0.00	33.66 2.41 0.00	33.70 2.29 0.00	35.77 2.12 0.00	43.49 2.58 0.00	44.19 2.93 0.00	43.50 3.18 0.00	39.71 3.04 0.00	39.24 3.04 -0.46	41.74 3.17 -2.08	48.05 3.50 -5.15	53.73 3.73 -10.32	57.87 4.04 -11.78	65.12 4.50 -14.20	66.17 4.83 -11.56	76.33 5.35 -15.27	78.18 5.64 -12.48	73.87 5.85 0.00	67.06 4.73 0.00	55.49 3.77 -0.01	47.94 3.31 -1.00	41.92 2.70 0.02
LINDHRST_69_KV_BK1 356055	45.44 4.36 -0.35	39.48 3.88 0.00	35.80 3.14 0.00	34.16 2.91 0.00	34.11 2.70 0.00	36.34 2.69 0.00	43.94 3.03 0.00	45.10 3.84 0.00	44.71 4.31 -0.07	40.80 4.00 -0.13	46.62 3.79 -7.09	44.98 3.90 -4.58	48.48 4.29 -4.80	49.49 4.44 -5.37	49.89 4.79 -3.04	53.49 5.11 -1.96	59.63 5.43 -4.42	76.71 5.63 -15.37	78.88 6.25 -12.58	74.82 6.80 0.00	67.31 4.99 0.00	56.32 4.60 -0.01	49.03 4.41 -1.00	43.94 3.88 -0.83
LIPA_MISC_IPP 23656	45.12 4.03 -0.35	39.19 3.60 0.00	35.57 2.91 0.00	33.94 2.69 0.00	33.86 2.45 0.00	36.20 2.56 0.00	43.45 2.54 0.00	44.81 3.55 0.00	44.75 4.35 0.00	40.83 4.03 -0.13	46.30 3.47 -7.09	44.51 3.43 -4.58	48.09 3.90 -4.80	49.06 4.09 -5.29	49.21 4.16 -2.99	52.74 4.36 -1.96	58.88 4.68 -4.42	75.65 4.57 -15.37	77.80 5.16 -12.58	73.60 5.58 0.00	66.06 3.74 0.00	55.48 3.77 0.00	48.38 3.75 -1.00	43.35 3.30 -0.83

LISF___SOLAR 323691	45.24 -4.16 -0.35	39.41 3.81 0.00	35.64 2.97 0.00	33.97 2.72 0.00	33.92 2.51 0.00	36.27 2.63 0.00	44.02 3.11 0.00	45.43 4.17 0.00	44.83 4.44 -0.07	40.91 4.11 -0.13	46.37 3.54 -7.09	44.54 3.47 -4.58	48.12 3.94 -4.80	49.18 4.20 -5.29	49.29 4.25 -2.99	52.93 4.55 -1.96	59.19 5.03 -4.39	75.70 4.73 -15.25	77.95 5.41 -12.49	73.80 5.78 0.00	66.19 3.87 0.00	55.64 3.93 0.00	48.50 3.88 -1.00	43.43 3.37 -0.83
LITTLE FALLS___HYD 24013	40.04 -0.69 0.00	34.99 -0.61 0.00	32.11 -0.56 0.00	30.75 -0.50 0.00	30.90 -0.50 0.00	33.11 -0.54 0.00	40.22 -0.70 0.00	40.48 -0.78 0.00	39.43 -0.89 0.00	35.79 -0.88 0.00	34.88 -0.86 0.00	35.62 -0.88 0.00	38.44 -0.95 0.00	38.73 -0.95 0.00	41.00 -1.05 0.00	45.22 -1.21 0.00	48.38 -1.39 0.00	54.26 -1.45 0.00	58.61 -1.44 0.00	66.32 -1.70 0.00	60.83 -1.50 0.00	50.47 -1.24 0.00	42.71 -0.92 0.00	38.41 -0.82 0.00
LITTLRIV_115KV_TB1 356100	40.45 -0.29 0.00	35.10 -0.50 0.00	32.28 -0.39 0.00	30.91 -0.34 0.00	31.00 -0.41 0.00	33.41 -0.24 0.00	40.46 -0.45 0.00	40.77 -0.50 0.00	39.59 -0.73 0.00	35.72 -0.95 0.00	34.77 -0.96 0.00	35.32 -1.17 0.00	38.29 -1.10 0.00	38.49 -1.19 0.00	40.58 -1.47 0.00	44.80 -1.62 0.00	47.99 -1.79 0.00	53.76 -1.95 0.00	58.13 -1.92 0.00	66.32 -1.70 0.00	61.08 -1.25 0.00	51.14 -0.57 0.00	43.36 -0.26 0.00	39.00 -0.24 0.00
LI_NEWBRDGE___DRP 323616	44.59 3.50 -0.35	38.77 3.17 0.00	35.22 2.55 0.00	33.63 2.38 0.00	33.61 2.20 0.00	35.77 2.12 0.00	43.29 2.37 0.00	44.32 3.05 0.00	43.86 3.47 -0.07	40.06 3.26 -0.13	45.97 3.15 -7.09	44.29 3.21 -4.58	47.73 3.55 -4.80	48.63 3.69 -5.26	48.97 3.95 -2.97	52.60 4.22 -1.95	58.63 4.43 -4.42	75.65 4.57 -15.37	77.68 5.04 -12.58	73.39 5.37 0.00	66.13 3.80 0.00	55.33 3.62 0.00	48.16 3.53 -1.00	43.12 3.06 -0.83
LOCKPORT_115KV_TB60_63_64 80432	26.05 -5.34 9.35	25.97 -4.16 5.46	20.74 -3.95 7.98	20.78 -3.84 6.63	21.63 -3.83 5.94	24.58 -4.04 5.02	22.11 -4.50 14.30	21.71 -4.46 15.10	24.88 -4.52 10.92	23.80 -3.96 8.91	21.97 -4.07 9.70	22.73 -4.09 9.67	24.11 -4.57 10.71	24.19 -4.64 10.85	24.16 -5.09 12.80	27.67 -5.48 13.28	29.86 -5.87 14.05	32.90 -6.80 16.02	37.10 -7.33 15.63	43.55 -8.09 16.37	44.87 -7.23 10.22	38.41 -6.20 7.10	33.01 -5.54 5.07	29.09 -5.06 5.09
LOCKPORT___CC1 323769	25.45 -5.42 9.86	25.67 -4.27 5.65	20.29 -3.99 8.39	20.61 -3.88 6.76	21.48 -3.86 6.06	24.45 -4.07 5.13	21.58 -4.58 14.75	21.10 -4.54 15.62	21.85 -4.60 13.87	21.13 -4.00 11.54	19.36 -4.04 12.34	20.02 -4.12 12.35	21.15 -4.65 13.59	21.24 -4.68 13.75	21.04 -5.09 15.92	24.12 -5.76 16.54	27.78 -5.92 16.07	30.69 -6.85 18.17	36.42 -7.39 16.25	42.84 -8.16 17.01	44.53 -7.29 10.50	38.14 -6.26 7.30	33.00 -5.50 5.13	28.93 -5.06 5.24
LOCKPORT___CC2 323770	25.45 -5.42 9.86	25.67 -4.27 5.65	20.29 -3.99 8.39	20.61 -3.88 6.76	21.48 -3.86 6.06	24.45 -4.07 5.13	21.58 -4.58 14.75	21.10 -4.54 15.62	21.85 -4.60 13.87	21.13 -4.00 11.54	19.36 -4.04 12.34	20.02 -4.12 12.35	21.15 -4.65 13.59	21.24 -4.68 13.75	21.04 -5.09 15.92	24.12 -5.76 16.54	27.78 -5.92 16.07	30.69 -6.85 18.17	36.42 -7.39 16.25	42.84 -8.16 17.01	44.53 -7.29 10.50	38.14 -6.26 7.30	33.00 -5.50 5.13	28.93 -5.06 5.24
LOCKPORT___CC3 323771	25.45 -5.42 9.86	25.67 -4.27 5.65	20.29 -3.99 8.39	20.61 -3.88 6.76	21.48 -3.86 6.06	24.45 -4.07 5.13	21.58 -4.58 14.75	21.10 -4.54 15.62	21.85 -4.60 13.87	21.13 -4.00 11.54	19.36 -4.04 12.34	20.02 -4.12 12.35	21.15 -4.65 13.59	21.24 -4.68 13.75	21.04 -5.09 15.92	24.12 -5.76 16.54	27.78 -5.92 16.07	30.69 -6.85 18.17	36.42 -7.39 16.25	42.84 -8.16 17.01	44.53 -7.29 10.50	38.14 -6.26 7.30	33.00 -5.50 5.13	28.93 -5.06 5.24
LOCUSVLY_69_KV_BK2 55797	44.96 3.87 -0.35	39.05 3.45 0.00	35.51 2.84 0.00	33.94 2.69 0.00	33.92 2.51 0.00	36.10 2.46 0.00	43.74 2.82 0.00	44.69 3.42 0.00	44.22 3.83 -0.07	40.39 3.59 -0.13	46.37 3.54 -7.09	44.76 3.69 -4.58	48.20 4.02 -4.80	49.31 4.21 -5.43	49.68 4.54 -3.09	53.31 4.92 -1.97	59.43 5.23 -4.42	76.54 5.46 -15.37	78.58 5.95 -12.58	74.34 6.33 0.00	67.12 4.80 0.00	56.01 4.29 -0.01	48.59 3.97 -1.00	43.47 3.41 -0.83
LONG_LAKE_PHOENIX 24014	39.68 -1.06 0.00	34.78 -0.82 0.00	31.88 -0.78 0.00	30.50 -0.75 0.00	30.68 -0.72 0.00	32.87 -0.77 0.00	40.06 -0.86 0.00	40.36 -0.91 0.00	39.35 -0.97 0.00	35.83 -0.84 0.00	34.85 -0.89 0.00	35.62 -0.88 0.00	38.33 -1.06 0.00	38.57 -1.11 0.00	40.87 -1.18 0.00	45.96 -1.30 -0.83	49.56 -1.44 -1.22	55.96 -1.56 -1.81	60.52 -1.62 -2.09	68.54 -1.70 -2.22	62.80 -1.50 -1.97	51.80 -1.34 -1.44	43.05 -1.27 -0.70	38.21 -1.02 0.00
LOVETT___3 23632	43.39 2.69 0.03	38.02 2.42 0.00	34.79 2.12 0.00	33.28 2.03 0.00	33.39 1.98 0.00	35.50 1.85 0.00	43.08 2.17 0.00	43.66 2.39 0.00	42.98 2.66 0.00	39.16 2.49 0.00	38.24 2.50 0.00	39.12 2.63 0.00	42.34 2.95 0.00	42.77 3.09 0.00	45.46 3.41 0.00	52.05 3.76 -1.86	58.06 4.08 -4.20	74.94 4.62 -14.61	76.88 4.86 -11.96	73.05 5.03 0.00	66.50 4.18 0.00	54.92 3.21 -0.01	47.43 2.84 -0.98	41.49 2.28 0.02
LOVETT___4 23642	43.39 2.69 0.03	38.02 2.42 0.00	34.79 2.12 0.00	33.28 2.03 0.00	33.39 1.98 0.00	35.50 1.85 0.00	43.08 2.17 0.00	43.66 2.39 0.00	42.98 2.66 0.00	39.16 2.49 0.00	38.24 2.50 0.00	39.12 2.63 0.00	42.34 2.95 0.00	42.77 3.09 0.00	45.46 3.41 0.00	52.05 3.76 -1.86	58.06 4.08 -4.20	74.94 4.62 -14.61	76.88 4.86 -11.96	73.05 5.03 0.00	66.50 4.18 0.00	54.92 3.21 -0.01	47.43 2.84 -0.98	41.49 2.28 0.02
LOVETT___5 23593	43.39 2.69 0.03	38.02 2.42 0.00	34.79 2.12 0.00	33.28 2.03 0.00	33.39 1.98 0.00	35.50 1.85 0.00	43.08 2.17 0.00	43.66 2.39 0.00	42.98 2.66 0.00	39.16 2.49 0.00	38.24 2.50 0.00	39.12 2.63 0.00	42.34 2.95 0.00	42.77 3.09 0.00	45.46 3.41 0.00	52.05 3.76 -1.86	58.06 4.08 -4.20	74.94 4.62 -14.61	76.88 4.86 -11.96	73.05 5.03 0.00	66.50 4.18 0.00	54.92 3.21 -0.01	47.43 2.84 -0.98	41.49 2.28 0.02
LOWER RAQUET___HYD 24057	39.92 -0.81 0.00	34.71 -0.89 0.00	31.88 -0.78 0.00	30.53 -0.72 0.00	30.62 -0.78 0.00	32.97 -0.67 0.00	40.01 -0.90 0.00	40.36 -0.91 0.00	39.27 -1.05 0.00	35.46 -1.21 0.00	34.56 -1.18 0.00	35.07 -1.42 0.00	37.97 -1.42 0.00	38.17 -1.51 0.00	40.20 -1.85 0.00	44.24 -2.18 0.00	47.54 -2.24 0.00	53.20 -2.51 0.00	57.42 -2.64 0.00	65.43 -2.58 0.00	60.21 -2.12 0.00	50.47 -1.24 0.00	42.88 -0.74 0.00	38.57 -0.67 0.00
LOWER___HUDSON 24059	42.61 1.87 0.00	37.31 1.71 0.00	34.20 1.54 0.00	32.69 1.44 0.00	32.85 1.45 0.00	35.09 1.45 0.00	42.35 1.43 0.00	42.46 1.20 0.00	41.49 1.17 0.00	37.77 1.10 0.00	36.85 1.11 0.00	37.48 0.99 0.00	40.53 1.14 0.00	40.91 1.23 0.00	43.31 1.26 0.00	47.84 1.49 0.07	51.57 1.79 0.00	57.71 2.00 0.00	62.52 2.46 0.00	70.74 2.72 0.00	65.13 2.81 0.00	54.16 2.38 -0.07	49.60 2.01 -3.97	40.96 1.72 0.00

LOWVILLE_115KV_TB2 356335	40.17 -0.57 0.00	34.99 -0.61 0.00	32.21 -0.46 0.00	30.84 -0.41 0.00	30.94 -0.47 0.00	33.28 -0.37 0.00	40.30 -0.61 0.00	40.56 -0.70 0.00	39.11 -1.21 0.00	35.24 -1.43 0.00	34.27 -1.47 0.00	34.96 -1.53 0.00	37.70 -1.69 0.00	38.05 -1.63 0.00	40.16 -1.89 0.00	44.33 -2.09 0.00	47.59 -2.19 0.00	53.70 -2.01 0.00	58.25 -1.80 0.00	66.18 -1.84 0.00	60.83 -1.50 0.00	50.67 -1.03 0.00	42.62 -1.00 0.00	38.37 -0.86 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	43.10 2.36 0.00	37.73 2.14 0.00	34.59 1.93 0.00	33.06 1.81 0.00	33.23 1.82 0.00	35.53 1.88 0.00	42.92 2.00 0.00	43.00 1.73 0.00	41.93 1.61 0.00	38.06 1.39 0.00	37.06 1.32 0.00	37.66 1.17 0.00	40.69 1.30 0.00	40.95 1.27 0.00	43.36 1.30 0.00	48.00 1.67 0.09	51.66 2.09 0.21	57.48 2.51 0.74	62.57 3.12 0.60	72.03 4.01 0.00	66.38 4.05 0.00	55.10 3.31 -0.08	50.89 2.75 -4.52	41.59 2.35 0.00
LUTHERNY_35_KV_BK2 355980	43.14 2.40 0.00	37.77 2.17 0.00	34.59 1.93 0.00	33.09 1.84 0.00	33.23 1.82 0.00	35.53 1.88 0.00	42.96 2.05 0.00	43.00 1.73 0.00	41.93 1.61 0.00	38.06 1.39 0.00	37.10 1.36 0.00	37.66 1.17 0.00	40.69 1.30 0.00	40.99 1.31 0.00	43.40 1.35 0.00	48.00 1.67 0.09	51.71 2.14 0.21	57.48 2.51 0.74	62.63 3.18 0.60	72.10 4.08 0.00	66.44 4.11 0.00	55.15 3.36 -0.08	50.93 2.79 -4.52	41.63 2.39 0.00
LWR__OSWEGATCHIE_HYD 23850	40.00 -0.73 0.00	34.78 -0.82 0.00	31.98 -0.69 0.00	30.63 -0.63 0.00	30.72 -0.69 0.00	33.07 -0.57 0.00	40.10 -0.82 0.00	40.36 -0.91 0.00	39.11 -1.21 0.00	35.24 -1.43 0.00	34.27 -1.47 0.00	34.89 -1.61 0.00	37.70 -1.69 0.00	37.97 -1.71 0.00	39.99 -2.06 0.00	44.19 -2.23 0.00	47.34 -2.44 0.00	53.26 -2.45 0.00	57.71 -2.34 0.00	65.64 -2.38 0.00	60.39 -1.93 0.00	50.47 -1.24 0.00	42.62 -1.00 0.00	38.37 -0.86 0.00
LYONS_FALL_HYD 23570	40.61 -0.12 0.00	35.46 -0.14 0.00	32.60 -0.07 0.00	31.22 -0.03 0.00	31.31 -0.09 0.00	33.65 0.00 0.00	40.79 -0.12 0.00	41.06 -0.21 0.00	39.75 -0.56 0.00	35.86 -0.81 0.00	34.92 -0.82 0.00	35.65 -0.84 0.00	38.44 -0.95 0.00	38.80 -0.87 0.00	41.00 -1.05 0.00	45.22 -1.21 0.00	48.58 -1.20 0.00	54.76 -0.95 0.00	59.34 -0.72 0.00	67.27 -0.75 0.00	61.76 -0.56 0.00	51.35 -0.36 0.00	43.18 -0.44 0.00	38.88 -0.35 0.00
MADISON__COUNTY_LFGE 323628	41.31 0.57 0.00	36.13 0.53 0.00	33.19 0.52 0.00	31.75 0.50 0.00	31.88 0.47 0.00	34.22 0.57 0.00	41.57 0.65 0.00	41.88 0.62 0.00	40.64 0.32 0.00	36.78 0.11 0.00	35.81 0.07 0.00	36.60 0.11 0.00	39.47 0.08 0.00	39.84 0.16 0.00	42.14 0.08 0.00	46.26 0.09 0.25	49.56 0.15 0.37	55.60 0.45 0.55	60.08 0.66 0.63	68.23 0.88 0.67	62.60 0.87 0.60	51.95 0.67 0.43	43.80 0.39 0.21	39.63 0.39 0.00
MALONE__115KV_TB1 356076	39.96 -0.77 0.00	34.71 -0.89 0.00	31.92 -0.75 0.00	30.53 -0.72 0.00	30.62 -0.79 0.00	32.97 -0.67 0.00	40.06 -0.86 0.00	40.40 -0.87 0.00	39.47 -0.85 0.00	35.68 -0.99 0.00	34.77 -0.96 0.00	35.47 -1.02 0.00	38.44 -0.95 0.00	38.73 -0.95 0.00	40.92 -1.14 0.00	45.22 -1.21 0.00	48.43 -1.34 0.00	54.21 -1.50 0.00	58.43 -1.62 0.00	66.59 -1.43 0.00	61.08 -1.25 0.00	50.98 -0.72 0.00	43.05 -0.57 0.00	38.76 -0.47 0.00
MAPLEWOD_115KV_TB3 80458	42.41 1.67 0.00	37.13 1.53 0.00	34.04 1.37 0.00	32.53 1.28 0.00	32.69 1.29 0.00	34.92 1.28 0.00	42.18 1.27 0.00	42.38 1.11 0.00	41.45 1.13 0.00	37.70 1.03 0.00	36.78 1.04 0.00	37.48 0.99 0.00	40.53 1.14 0.00	40.83 1.15 0.00	43.31 1.26 0.00	47.75 1.39 0.07	51.32 1.69 0.15	57.01 1.84 0.53	61.84 2.22 0.44	70.53 2.52 0.00	64.82 2.49 0.00	53.83 2.07 -0.06	48.80 1.79 -3.39	40.76 1.53 0.00
MAPLE_RIDGE_WT_1 323574	39.51 -1.22 0.00	34.53 -1.07 0.00	31.69 -0.98 0.00	30.34 -0.91 0.00	30.50 -0.91 0.00	32.70 -0.94 0.00	39.81 -1.10 0.00	40.15 -1.11 0.00	39.23 -1.09 0.00	35.64 -1.03 0.00	34.74 -1.00 0.00	35.47 -1.02 0.00	38.29 -1.10 0.00	38.57 -1.11 0.00	40.83 -1.22 0.00	45.07 -1.35 0.00	48.29 -1.49 0.00	54.04 -1.67 0.00	58.26 -1.80 0.00	66.04 -1.97 0.00	60.46 -1.87 0.00	50.26 -1.45 0.00	42.40 -1.22 0.00	38.18 -1.06 0.00
MAPLE_RIDGE_WT_2 323611	39.51 -1.22 0.00	34.53 -1.07 0.00	31.69 -0.98 0.00	30.34 -0.91 0.00	30.50 -0.91 0.00	32.70 -0.94 0.00	39.81 -1.10 0.00	40.15 -1.11 0.00	39.23 -1.09 0.00	35.64 -1.03 0.00	34.74 -1.00 0.00	35.47 -1.02 0.00	38.29 -1.10 0.00	38.57 -1.11 0.00	40.83 -1.22 0.00	45.07 -1.35 0.00	48.29 -1.49 0.00	54.04 -1.67 0.00	58.26 -1.80 0.00	66.04 -1.97 0.00	60.46 -1.87 0.00	50.26 -1.45 0.00	42.40 -1.22 0.00	38.18 -1.06 0.00
MARBLE_RIVER_WT_PWR 323696	39.64 -1.10 0.00	34.49 -1.10 0.00	31.79 -0.88 0.00	30.41 -0.84 0.00	30.53 -0.88 0.00	32.84 -0.81 0.00	39.93 -0.98 0.00	40.19 -1.07 0.00	39.23 -1.09 0.00	35.57 -1.10 0.00	34.67 -1.07 0.00	35.40 -1.09 0.00	38.33 -1.06 0.00	38.61 -1.07 0.00	40.83 -1.22 0.00	45.03 -1.39 0.00	48.39 -1.39 0.00	54.09 -1.62 0.00	58.26 -1.80 0.00	66.32 -1.70 0.00	60.77 -1.56 0.00	50.62 -1.09 0.00	42.66 -0.96 0.00	38.53 -0.71 0.00
MARSHVLE_115KV_TB1 80742	43.43 2.73 0.04	38.02 2.42 0.00	34.89 2.22 0.00	33.34 2.09 0.00	33.51 2.10 0.00	35.87 2.22 0.00	43.37 2.45 0.00	43.04 1.77 0.00	41.41 1.09 0.00	37.15 0.48 0.00	36.02 0.29 0.00	36.75 0.26 0.00	39.70 0.32 0.00	40.07 0.40 0.00	42.39 0.34 0.00	46.91 0.56 0.07	50.41 0.80 0.16	56.65 1.50 0.56	62.12 2.52 0.46	72.30 4.29 0.00	67.06 4.74 0.00	55.56 3.77 -0.08	50.98 3.18 -4.17	41.92 2.71 0.02
MARSH_HILL_WT_PWR 323713	75.54 -3.75 -38.56	54.17 -2.81 -21.38	66.02 -2.58 -35.93	50.65 -2.50 -21.90	48.54 -2.51 -19.65	47.63 -2.62 -16.61	83.28 -2.33 -44.70	88.20 -2.23 -49.16	90.55 -2.38 -52.61	78.25 -2.20 -43.78	80.13 -2.39 -46.79	80.89 -2.44 -46.84	88.14 -2.80 -51.55	89.01 -2.82 -52.15	95.59 -2.90 -56.44	100.48 -3.20 -57.26	105.97 -3.79 -59.97	116.61 -4.06 -64.97	122.22 -5.41 -67.57	132.85 -5.64 -70.48	96.57 -4.68 -38.92	74.11 -4.09 -26.49	54.82 -3.75 -14.95	52.34 -3.49 -16.60
MCINTYRE_115KV_TB2 80467	40.78 0.04 0.00	35.38 -0.21 0.00	32.54 -0.13 0.00	31.16 -0.09 0.00	31.25 -0.16 0.00	33.68 0.03 0.00	40.79 -0.12 0.00	41.06 -0.21 0.00	39.84 -0.48 0.00	35.90 -0.77 0.00	34.95 -0.79 0.00	35.58 -0.91 0.00	38.56 -0.83 0.00	38.80 -0.87 0.00	40.92 -1.14 0.00	45.22 -1.21 0.00	48.43 -1.34 0.00	54.26 -1.45 0.00	58.80 -1.26 0.00	67.07 -0.95 0.00	61.70 -0.62 0.00	51.71 0.00 0.00	43.75 0.13 0.00	39.35 0.12 0.00
MECO____69_KV_BK1 80468	43.72 3.01 0.03	38.30 2.71 0.00	35.15 2.48 0.00	33.56 2.31 0.00	33.76 2.36 0.00	36.14 2.49 0.00	43.62 2.70 0.00	43.24 1.98 0.00	41.61 1.29 0.00	37.33 0.66 0.00	36.17 0.43 0.00	36.82 0.33 0.00	39.82 0.43 0.00	40.15 0.48 0.00	42.51 0.46 0.00	47.03 0.70 0.09	50.67 1.10 0.20	56.91 1.89 0.70	62.61 3.12 0.57	73.26 5.24 0.00	67.87 5.55 0.00	56.24 4.45 -0.08	51.74 3.66 -4.46	42.31 3.10 0.02

MENANDS__115KV_TB5 355628	42.16 1.43 0.00	36.92 1.32 0.00	33.84 1.18 0.00	32.38 1.13 0.00	32.51 1.10 0.00	34.72 1.08 0.00	41.98 1.06 0.00	42.17 0.91 0.00	41.25 0.93 0.00	37.55 0.88 0.00	36.67 0.93 0.00	37.33 0.84 0.00	40.37 0.98 0.00	40.71 1.03 0.00	43.15 1.09 0.00	47.56 1.21 0.07	51.12 1.49 0.15	56.74 1.56 0.53	61.48 1.86 0.43	70.06 2.04 0.00	64.32 1.99 0.00	53.42 1.65 -0.05	48.34 1.44 -3.28	40.49 1.26 0.00
MG INDUSTRY__DRP 24185	42.12 1.38 0.00	36.88 1.28 0.00	33.88 1.21 0.00	32.38 1.13 0.00	32.54 1.13 0.00	34.72 1.08 0.00	41.98 1.06 0.00	42.13 0.87 0.00	41.09 0.77 0.00	37.37 0.70 0.00	36.42 0.68 0.00	37.11 0.62 0.00	40.14 0.75 0.00	40.43 0.75 0.00	42.89 0.84 0.00	47.35 0.93 0.00	50.92 1.14 0.00	56.99 1.28 0.00	61.68 1.62 0.00	69.99 1.97 0.00	64.26 1.93 0.00	53.34 1.60 -0.03	47.34 1.35 -2.37	40.49 1.26 0.00
MID__OSWEGATCHIE_HYD 23849	40.00 -0.73 0.00	34.78 -0.82 0.00	31.98 -0.69 0.00	30.63 -0.63 0.00	30.72 -0.69 0.00	33.07 -0.57 0.00	40.10 -0.82 0.00	40.36 -0.91 0.00	39.11 -1.21 0.00	35.24 -1.43 0.00	34.27 -1.47 0.00	34.89 -1.61 0.00	37.70 -1.69 0.00	37.97 -1.71 0.00	39.99 -2.06 0.00	44.19 -2.23 0.00	47.34 -2.44 0.00	53.26 -2.45 0.00	57.71 -2.34 0.00	65.64 -2.38 0.00	60.39 -1.93 0.00	50.47 -1.24 0.00	42.62 -1.00 0.00	38.37 -0.86 0.00
MID__RAQUETTE_HYD 23851	39.92 -0.81 0.00	34.71 -0.89 0.00	31.88 -0.78 0.00	30.53 -0.72 0.00	30.62 -0.79 0.00	32.97 -0.67 0.00	40.01 -0.90 0.00	40.36 -0.91 0.00	39.27 -1.05 0.00	35.46 -1.21 0.00	34.56 -1.18 0.00	35.07 -1.42 0.00	37.97 -1.42 0.00	38.17 -1.51 0.00	40.20 -1.85 0.00	44.38 -2.04 0.00	47.54 -2.24 0.00	53.20 -2.51 0.00	57.41 -2.64 0.00	65.43 -2.58 0.00	60.21 -2.12 0.00	50.47 -1.24 0.00	42.88 -0.74 0.00	38.57 -0.67 0.00
MILLIKEN__1 23584	44.33 0.12 -3.48	38.95 0.25 -3.10	36.82 0.23 -3.92	35.91 0.19 -4.47	35.61 0.19 -4.01	37.27 0.24 -3.39	47.96 0.53 -6.51	48.30 0.50 -6.54	44.31 0.24 -3.75	39.91 0.15 -3.10	39.07 0.00 -3.33	39.86 0.04 -3.33	43.07 0.00 -3.68	43.36 -0.04 -3.72	47.10 -0.04 -5.09	50.33 0.00 -3.91	53.68 -0.10 -4.00	60.06 0.11 -4.24	64.40 0.12 -4.23	72.90 0.48 -4.40	65.11 0.50 -2.28	53.50 0.26 -1.53	46.27 0.00 -2.65	42.00 0.00 -2.77
MILLIKEN__2 23585	44.33 0.12 -3.48	38.95 0.25 -3.10	36.82 0.23 -3.92	35.91 0.19 -4.47	35.61 0.19 -4.01	37.27 0.24 -3.39	47.96 0.53 -6.51	48.30 0.50 -6.54	44.31 0.24 -3.75	39.91 0.15 -3.10	39.07 0.00 -3.33	39.86 0.04 -3.33	43.07 0.00 -3.68	43.36 -0.04 -3.72	47.10 -0.04 -5.09	50.33 0.00 -3.91	53.68 -0.10 -4.00	60.06 0.11 -4.24	64.40 0.12 -4.23	72.90 0.48 -4.40	65.11 0.50 -2.28	53.50 0.26 -1.53	46.27 0.00 -2.65	42.00 0.00 -2.77
MILLIKEN__DIESEL 23629	44.33 0.12 -3.48	38.95 0.25 -3.10	36.82 0.23 -3.92	35.91 0.19 -4.47	35.61 0.19 -4.01	37.27 0.24 -3.39	47.96 0.53 -6.51	48.30 0.50 -6.54	44.31 0.24 -3.75	39.91 0.15 -3.10	39.07 0.00 -3.33	39.86 0.04 -3.33	43.07 0.00 -3.68	43.36 -0.04 -3.72	47.10 -0.04 -5.09	50.33 0.00 -3.91	53.68 -0.10 -4.00	60.06 0.11 -4.24	64.40 0.12 -4.23	72.90 0.48 -4.40	65.11 0.50 -2.28	53.50 0.26 -1.53	46.27 0.00 -2.65	42.00 0.00 -2.77
MILLSEAT__LFGE 323607	28.07 -4.48 8.18	27.06 -3.45 5.09	22.24 -3.23 7.19	21.63 -3.19 6.43	22.53 -3.11 5.77	25.51 -3.26 4.87	24.16 -3.56 13.20	23.86 -3.59 13.81	25.11 -3.75 11.46	23.79 -3.34 9.54	22.22 -3.32 10.20	22.85 -3.43 10.21	24.30 -3.86 11.23	24.39 -3.93 11.36	24.25 -4.29 13.51	27.70 -4.83 13.89	31.43 -4.93 13.42	34.69 -5.68 15.34	40.59 -5.88 13.59	47.60 -6.19 14.23	47.88 -5.49 8.96	40.68 -4.81 6.23	34.51 -4.32 4.79	30.40 -4.08 4.75
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	43.55 2.85 0.03	38.16 2.56 0.00	34.89 2.22 0.00	33.41 2.16 0.00	33.51 2.10 0.00	35.60 1.95 0.00	43.21 2.29 0.00	43.82 2.56 0.00	43.10 2.78 0.00	39.27 2.60 0.00	38.38 2.64 0.00	39.23 2.74 0.00	42.46 3.07 0.00	42.93 3.25 0.00	45.58 3.53 0.00	52.26 3.90 -1.94	58.39 4.23 -4.38	75.71 4.79 -15.21	77.61 5.10 -12.45	73.26 5.24 0.00	66.69 4.36 0.00	55.08 3.36 -0.01	47.58 2.97 -1.00	41.65 2.43 0.02
MILLWOOD_13_KV_LOAD 356217	43.64 2.93 0.03	38.27 2.67 0.00	34.99 2.32 0.00	33.50 2.25 0.00	33.61 2.20 0.00	35.70 2.05 0.00	43.33 2.41 0.00	43.90 2.64 0.00	43.18 2.86 0.00	39.35 2.68 0.00	38.42 2.68 0.00	39.30 2.81 0.00	42.54 3.15 0.00	43.01 3.33 0.00	45.67 3.62 0.00	52.40 4.04 -1.94	58.54 4.38 -4.38	75.88 4.96 -15.21	77.79 5.28 -12.45	73.53 5.51 0.00	66.94 4.61 0.00	55.23 3.52 -0.01	47.72 3.10 -1.00	41.72 2.51 0.02
MODEL_CITY_ENERGY 24167	25.29 -5.62 9.82	25.60 -4.42 5.59	20.37 -4.12 8.18	20.59 -4.00 6.66	21.45 -3.99 5.97	24.39 -4.21 5.05	21.40 -4.75 14.77	20.91 -4.71 15.65	21.62 -4.76 13.94	20.93 -4.14 11.60	19.16 -4.18 12.39	19.81 -4.27 12.41	20.93 -4.81 13.65	21.02 -4.84 13.81	20.78 -5.30 15.97	23.86 -5.94 16.62	27.71 -6.22 15.85	30.42 -7.19 18.10	36.15 -7.75 16.16	42.46 -8.64 16.92	44.08 -7.79 10.45	37.88 -6.62 7.21	32.90 -5.67 5.05	28.79 -5.22 5.22
MODERN_LFGE__ 323580	25.29 -5.62 9.82	25.60 -4.42 5.59	20.37 -4.12 8.18	20.59 -4.00 6.66	21.45 -3.99 5.97	24.39 -4.21 5.05	21.40 -4.75 14.77	20.91 -4.71 15.65	21.62 -4.76 13.94	20.93 -4.14 11.60	19.16 -4.18 12.39	19.81 -4.27 12.41	20.93 -4.81 13.65	21.02 -4.84 13.81	20.78 -5.30 15.97	23.86 -5.94 16.62	27.71 -6.22 15.85	30.42 -7.19 18.10	36.15 -7.75 16.16	42.46 -8.64 16.92	44.08 -7.79 10.45	37.88 -6.62 7.21	32.90 -5.67 5.05	28.79 -5.22 5.22
MOHAWK_PAPER__DRP 24187	42.41 1.67 0.00	37.13 1.53 0.00	34.04 1.37 0.00	32.53 1.28 0.00	32.69 1.29 0.00	34.92 1.28 0.00	42.18 1.27 0.00	42.38 1.11 0.00	41.45 1.13 0.00	37.70 1.03 0.00	36.78 1.04 0.00	37.48 0.99 0.00	40.53 1.14 0.00	40.83 1.15 0.00	43.31 1.26 0.00	47.75 1.39 0.07	51.32 1.69 0.15	57.01 1.84 0.53	61.84 2.22 0.44	70.53 2.52 0.00	64.82 2.49 0.00	53.83 2.07 -0.06	48.80 1.79 -3.39	40.76 1.53 0.00
MOHICAN__35_KV_115KV_LD 80490	43.91 3.18 0.00	38.48 2.88 0.00	35.25 2.58 0.00	33.69 2.44 0.00	33.86 2.45 0.00	36.20 2.56 0.00	43.78 2.86 0.00	43.70 2.43 0.00	42.54 2.22 0.00	38.50 1.83 0.00	37.49 1.75 0.00	37.84 1.35 0.00	40.89 1.50 0.00	41.07 1.39 0.00	43.36 1.30 0.00	48.28 1.95 0.09	52.10 2.54 0.21	58.26 3.29 0.74	63.71 4.26 0.61	73.94 5.92 0.00	68.25 5.92 0.00	56.60 4.81 -0.08	52.07 3.93 -4.53	42.57 3.33 0.00
MONGAUP__HYD 23641	43.19 2.49 0.04	37.81 2.21 0.00	34.59 1.93 0.00	33.06 1.81 0.00	33.13 1.73 0.00	35.26 1.61 0.00	42.92 2.00 0.00	43.33 2.06 0.00	42.37 2.06 0.00	38.50 1.83 0.00	37.53 1.79 0.00	38.39 1.90 0.00	41.52 2.13 0.00	41.98 2.30 0.00	44.62 2.57 0.00	51.06 2.97 -1.66	56.78 3.28 -3.72	72.53 3.90 -12.92	74.96 4.33 -10.57	72.71 4.69 0.00	66.44 4.11 0.00	54.76 3.05 -0.01	47.16 2.62 -0.92	41.29 2.08 0.02

MONTAUK___DIESEL 23721	44.91 3.83 -0.35	39.02 3.42 0.00	35.38 2.71 0.00	33.72 2.47 0.00	33.61 2.20 0.00	35.97 2.32 0.00	43.33 2.41 0.00	44.98 3.71 0.00	45.07 4.68 -0.07	41.13 4.33 -0.13	46.58 3.75 -7.09	44.76 3.69 -4.58	48.48 4.29 -4.80	49.53 4.56 -5.29	49.75 4.71 -2.99	53.44 5.06 -1.96	59.78 5.58 -4.42	76.65 5.57 -15.37	78.94 6.31 -12.58	74.75 6.73 0.00	66.75 4.43 0.00	55.90 4.19 0.00	48.51 3.88 -1.00	43.32 3.26 -0.83
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.33 -4.52 11.88	25.73 -3.70 6.17	19.29 -3.46 9.91	21.12 -3.41 6.73	21.98 -3.39 6.03	24.94 -3.60 5.10	19.15 -4.05 17.72	18.08 -4.13 19.06	21.06 -4.31 14.94	20.59 -3.92 12.16	18.19 -4.29 13.26	18.89 -4.38 13.23	19.57 -5.16 14.66	19.44 -5.40 14.84	19.27 -6.01 16.76	22.26 -6.50 17.67	24.73 -6.17 18.88	28.06 -6.80 20.86	33.70 -6.55 19.81	40.56 -6.73 20.72	44.22 -5.48 12.62	38.28 -4.71 8.73	33.97 -4.32 5.33	29.76 -3.96 5.51
MORRIS_RIDGE___SOLAR 323848	-0.37 -3.54 37.56	18.11 -2.74 14.75	-0.69 -2.51 30.84	19.84 -2.47 8.94	20.93 -2.45 8.02	24.29 -2.56 6.79	-5.67 -2.41 44.17	-10.74 -2.52 49.48	-19.60 -2.70 57.22	-13.40 -2.46 47.61	-17.68 -2.54 50.89	-17.04 -2.59 50.94	-19.55 -2.87 56.06	-19.93 -2.89 56.71	-20.76 -2.98 59.83	-20.76 -3.29 63.89	-20.31 -3.73 66.35	-20.76 -4.01 72.46	-18.60 -5.10 73.56	-14.00 -5.24 76.79	14.17 -4.42 43.73	17.87 -3.88 29.96	30.88 -3.58 9.17	25.82 -3.33 10.08
MORTIMER_115KV_TB3 55949	34.87 -3.26 2.61	29.73 -2.56 3.30	26.80 -2.42 3.45	23.39 -2.38 5.49	24.22 -2.26 4.92	27.13 -2.36 4.16	30.32 -2.66 7.94	30.90 -2.68 7.68	36.60 -2.74 0.98	33.66 -2.38 0.63	32.49 -2.39 0.85	33.26 -2.41 0.82	35.70 -2.72 0.97	35.91 -2.78 0.99	36.13 -3.07 2.86	40.80 -3.30 2.33	43.39 -3.48 2.91	47.82 -4.01 3.88	52.81 -4.14 3.10	60.43 -4.29 3.30	55.55 -3.86 2.92	46.13 -3.46 2.11	36.69 -3.27 3.66	33.45 -2.98 2.80
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.92 3.22 0.03	38.52 2.92 0.00	35.18 2.52 0.00	33.72 2.47 0.00	33.79 2.39 0.00	35.87 2.22 0.00	43.53 2.62 0.00	44.15 2.89 0.00	43.50 3.19 0.00	39.72 3.04 0.00	38.56 3.04 0.22	38.67 3.17 1.00	40.42 3.51 2.48	38.40 3.69 4.97	40.38 3.99 5.66	46.96 4.46 3.92	55.58 4.83 -0.97	76.47 5.40 -15.36	78.34 5.71 -12.58	73.94 5.92 0.00	67.19 4.86 0.00	55.54 3.83 -0.01	48.03 3.40 -1.00	42.00 2.79 0.02
MUNSVILLE_WIND_PWR 323609	44.77 1.51 -2.53	39.27 1.39 -2.29	36.92 1.34 -2.92	35.88 1.34 -3.28	35.61 1.26 -2.94	37.61 1.48 -2.49	48.05 1.72 -5.42	48.44 1.69 -5.48	44.74 0.81 -3.62	39.87 0.18 -3.01	38.89 -0.07 -3.22	39.68 -0.04 -3.22	42.86 -0.08 -3.55	43.38 0.12 -3.59	46.71 -0.04 -4.70	50.33 0.05 -3.86	53.16 -0.05 -3.43	60.56 0.78 -4.07	64.55 1.20 -3.29	72.46 1.57 -2.88	65.28 1.56 -1.39	53.82 1.19 -0.92	46.41 0.66 -2.13	41.77 0.59 -1.95
N SALMON___HYD 24042	39.96 -0.78 0.00	34.71 -0.89 0.00	31.92 -0.75 0.00	30.53 -0.72 0.00	30.62 -0.78 0.00	32.97 -0.67 0.00	40.05 -0.86 0.00	40.39 -0.87 0.00	39.47 -0.85 0.00	35.68 -0.99 0.00	34.78 -0.96 0.00	35.47 -1.02 0.00	38.44 -0.95 0.00	38.72 -0.95 0.00	40.92 -1.13 0.00	45.03 -1.39 0.00	48.44 -1.34 0.00	54.21 -1.50 0.00	58.44 -1.62 0.00	66.59 -1.43 0.00	61.08 -1.25 0.00	50.98 -0.72 0.00	43.05 -0.57 0.00	38.76 -0.47 0.00
N.AKRON__115KV_KNAPP 355671	27.77 -4.52 8.45	26.94 -3.49 5.17	22.00 -3.30 7.37	21.53 -3.25 6.48	22.40 -3.20 5.81	25.41 -3.33 4.91	23.83 -3.64 13.45	23.49 -3.67 14.10	26.81 -3.79 9.72	25.42 -3.34 7.92	23.68 -3.43 8.63	24.42 -3.47 8.61	25.95 -3.90 9.54	26.06 -3.97 9.65	26.11 -4.33 11.61	29.78 -4.69 11.96	32.09 -4.98 12.71	35.41 -5.74 14.56	39.85 -6.01 14.20	46.75 -6.39 14.87	47.33 -5.61 9.38	40.27 -4.91 6.52	34.14 -4.58 4.90	30.17 -4.24 4.82
N.BELMOR_69_KV_BK1 55787	45.00 3.91 -0.35	39.09 3.49 0.00	35.51 2.84 0.00	33.91 2.66 0.00	33.89 2.48 0.00	36.07 2.42 0.00	43.66 2.74 0.00	44.69 3.42 0.00	44.22 3.83 -0.07	40.36 3.56 -0.13	46.30 3.47 -7.09	44.69 3.61 -4.58	48.12 3.94 -4.80	49.27 4.09 -5.50	49.65 4.46 -3.14	53.17 4.78 -1.97	59.28 5.08 -4.42	76.43 5.35 -15.37	78.52 5.89 -12.58	74.34 6.33 0.00	67.00 4.67 0.00	55.96 4.24 -0.02	48.64 4.01 -1.00	43.51 3.45 -0.83
N.E._GEN_SANDY PD 24062	42.81 2.08 0.00	37.48 1.89 0.00	34.30 1.63 0.00	32.81 1.56 0.00	32.95 1.54 0.00	35.16 1.52 0.00	42.43 1.51 0.00	42.62 1.36 0.00	41.73 1.41 0.00	38.10 1.43 0.00	37.17 1.43 0.00	37.88 1.39 0.00	41.01 1.62 0.00	41.42 1.74 0.00	43.90 1.85 0.00	49.25 2.14 -0.69	53.80 2.39 -1.63	64.00 2.62 -5.67	67.70 3.00 -4.64	70.87 2.86 0.00	65.13 2.81 0.00	54.11 2.38 -0.03	47.70 2.09 -1.99	41.00 1.77 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	43.47 2.77 0.03	38.09 2.49 0.00	34.82 2.16 0.00	33.34 2.09 0.00	33.42 2.01 0.00	35.53 1.88 0.00	43.17 2.25 0.00	43.70 2.43 0.00	42.98 2.66 0.00	39.20 2.53 0.00	38.28 2.54 0.00	39.16 2.66 0.00	42.34 2.95 0.00	42.81 3.13 0.00	45.50 3.45 0.00	52.13 3.85 -1.85	58.13 4.18 -4.17	74.94 4.74 -14.50	76.97 5.04 -11.87	73.19 5.17 0.00	66.69 4.36 0.00	55.02 3.31 -0.01	47.47 2.88 -0.97	41.57 2.35 0.02
N.QUEENS_27_KV_LOAD 356247	44.30 3.58 0.02	38.77 3.17 -0.01	35.45 2.78 -0.01	34.04 2.78 -0.01	34.15 2.73 -0.01	36.17 2.52 0.00	43.62 2.70 0.00	44.19 2.93 0.00	43.50 3.19 0.00	39.75 3.08 0.00	39.35 3.15 -0.47	41.94 3.36 -2.09	48.30 3.70 -5.21	54.01 3.89 -10.44	58.12 4.16 -11.90	65.31 4.55 -14.34	66.37 4.93 -11.67	76.61 5.52 -15.38	78.52 5.89 -12.58	74.07 6.05 0.00	67.00 4.67 0.00	55.85 4.14 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
N.TROY___115KV_TB1 355778	42.61 1.87 0.00	37.31 1.71 0.00	34.14 1.47 0.00	32.66 1.41 0.00	32.82 1.41 0.00	35.06 1.41 0.00	42.31 1.39 0.00	42.42 1.16 0.00	41.49 1.17 0.00	37.77 1.10 0.00	36.85 1.11 0.00	37.48 0.99 0.00	40.53 1.14 0.00	40.83 1.15 0.00	43.27 1.22 0.00	47.84 1.49 0.07	51.46 1.84 0.16	57.17 2.01 0.54	62.08 2.46 0.44	70.74 2.72 0.00	65.13 2.80 0.00	54.16 2.38 -0.07	49.64 2.05 -3.97	40.92 1.69 0.00
NARROWS_GT1_1 24228	44.30 3.59 0.02	38.84 3.24 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.05 3.93 -10.44	58.09 4.12 -11.91	65.31 4.55 -14.34	66.30 4.88 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
NARROWS_GT1_2 24229	44.30 3.59 0.02	38.84 3.24 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.05 3.93 -10.44	58.09 4.12 -11.91	65.31 4.55 -14.34	66.30 4.88 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01

NARROWS_GT1_3 24230	44.30 3.59 0.02	38.84 3.24 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.05 3.93 -10.44	58.09 4.12 -11.91	65.31 4.55 -14.34	66.30 4.88 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
NARROWS_GT1_4 24231	44.30 3.59 0.02	38.84 3.24 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.05 3.93 -10.44	58.09 4.12 -11.91	65.31 4.55 -14.34	66.30 4.88 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
NARROWS_GT1_5 24232	44.30 3.59 0.02	38.84 3.24 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.05 3.93 -10.44	58.09 4.12 -11.91	65.31 4.55 -14.34	66.30 4.88 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
NARROWS_GT1_6 24233	44.30 3.59 0.02	38.84 3.24 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.05 3.93 -10.44	58.09 4.12 -11.91	65.31 4.55 -14.34	66.30 4.88 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
NARROWS_GT1_7 24234	44.30 3.59 0.02	38.84 3.24 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.05 3.93 -10.44	58.09 4.12 -11.91	65.31 4.55 -14.34	66.30 4.88 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
NARROWS_GT1_8 24235	44.30 3.59 0.02	38.84 3.24 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.05 3.93 -10.44	58.09 4.12 -11.91	65.31 4.55 -14.34	66.30 4.88 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
NARROWS_GT2_1 24236	44.30 3.59 0.02	38.84 3.24 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.05 3.93 -10.44	58.09 4.12 -11.91	65.31 4.55 -14.34	66.30 4.88 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
NARROWS_GT2_2 24237	44.30 3.59 0.02	38.84 3.24 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.05 3.93 -10.44	58.09 4.12 -11.91	65.31 4.55 -14.34	66.30 4.88 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
NARROWS_GT2_3 24238	44.30 3.59 0.02	38.84 3.24 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.05 3.93 -10.44	58.09 4.12 -11.91	65.31 4.55 -14.34	66.30 4.88 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
NARROWS_GT2_4 24239	44.30 3.59 0.02	38.84 3.24 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.05 3.93 -10.44	58.09 4.12 -11.91	65.31 4.55 -14.34	66.30 4.88 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
NARROWS_GT2_5 24240	44.30 3.59 0.02	38.84 3.24 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.05 3.93 -10.44	58.09 4.12 -11.91	65.31 4.55 -14.34	66.30 4.88 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
NARROWS_GT2_6 24241	44.30 3.59 0.02	38.84 3.24 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.05 3.93 -10.44	58.09 4.12 -11.91	65.31 4.55 -14.34	66.30 4.88 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
NARROWS_GT2_7 24242	44.30 3.59 0.02	38.84 3.24 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.05 3.93 -10.44	58.09 4.12 -11.91	65.31 4.55 -14.34	66.30 4.88 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
NARROWS_GT2_8 24243	44.30 3.59 0.02	38.84 3.24 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.05 3.93 -10.44	58.09 4.12 -11.91	65.31 4.55 -14.34	66.30 4.88 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.94 2.20 0.00	37.56 1.96 0.00	34.43 1.76 0.00	32.91 1.66 0.00	33.04 1.63 0.00	35.19 1.55 0.00	42.59 1.68 0.00	42.58 1.32 0.00	41.45 1.13 0.00	37.55 0.88 0.00	36.53 0.79 0.00	37.18 0.69 0.00	40.26 0.87 0.00	40.59 0.91 0.00	43.15 1.09 0.00	48.20 1.53 -0.24	52.22 1.89 -0.55	60.00 2.40 -1.90	64.73 3.12 -1.55	71.56 3.54 0.00	65.88 3.55 0.00	54.53 2.79 -0.03	47.83 1.92 -2.29	41.19 1.96 0.00

NCHELSEA_115KV_TR2 355582	43.72	38.30	35.05	33.53	33.61	35.70	43.37	43.82	43.02	39.13	38.17	39.05	42.27	42.73	45.46	52.17	58.27	75.43	77.59	73.66	67.19	55.39	47.90	41.76
	3.01	2.71	2.38	2.28	2.20	2.05	2.45	2.56	2.70	2.46	2.43	2.55	2.88	3.06	3.41	3.85	4.23	4.90	5.41	5.65	4.86	3.67	3.23	2.55
	0.03	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	-1.89	-4.26	-14.82	-12.13	0.00	0.00	-0.01	-1.05	0.02
NEG CAPITAL___MECHNVIL 23645	43.18	37.77	34.63	33.09	33.26	35.56	42.96	43.04	41.97	38.10	37.13	37.73	40.81	41.15	43.52	48.14	51.80	57.74	62.81	72.10	66.44	55.20	50.83	41.63
	2.44	2.17	1.96	1.84	1.85	1.92	2.04	1.77	1.65	1.43	1.39	1.24	1.42	1.47	1.47	1.81	2.19	2.62	3.24	4.08	4.11	3.41	2.83	2.39
	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	0.09	0.17	0.59	0.48	0.00	0.00	-0.08	-4.37	0.00
NEG CENTRAL_HIGH_ACRES 23767	35.50	29.30	26.95	22.21	23.17	26.22	29.58	30.42	35.27	32.31	31.32	32.02	34.45	34.57	34.21	39.40	42.61	47.09	52.99	60.61	55.70	46.21	35.94	32.49
	-3.34	-2.67	-2.48	-2.44	-2.32	-2.42	-2.82	-2.85	-2.90	-2.57	-2.50	-2.56	-2.84	-2.98	-3.20	-3.53	-3.68	-4.18	-4.38	-4.56	-4.12	-3.67	-3.36	-3.10
	1.90	3.62	3.23	6.60	5.92	5.00	8.51	8.00	2.15	1.79	1.91	1.91	2.11	2.13	4.64	3.49	3.48	4.44	2.68	2.85	2.51	1.83	4.32	3.65
NEG CENTRAL___DRP 24199	49.99	49.79	46.58	56.33	53.87	52.54	67.05	65.23	43.56	39.48	38.63	39.45	42.45	42.70	53.59	49.35	52.59	58.59	63.09	71.36	63.47	52.06	56.06	53.12
	-1.18	-0.71	-0.72	-0.72	-0.66	-0.64	-0.65	-0.70	-0.89	-0.66	-0.79	-0.73	-0.98	-1.07	-1.14	-1.21	-1.34	-1.39	-1.56	-1.43	-1.18	-1.19	-1.18	-1.02
	-10.43	-14.90	-14.63	-25.79	-23.13	-19.54	-26.79	-24.66	-4.13	-3.47	-3.68	-3.69	-4.05	-4.09	-12.67	-4.13	-4.15	-4.28	-4.59	-4.77	-2.33	-1.55	-13.62	-14.91
NEG CENTRAL___INDECK 23768	69.70	49.84	59.41	44.37	43.15	43.38	72.49	76.60	81.52	70.70	72.06	72.85	79.33	80.09	84.52	90.28	95.93	105.60	112.81	123.93	92.59	71.69	52.09	49.20
	-2.16	-1.57	-1.44	-1.44	-1.32	-1.31	-1.10	-1.40	-1.85	-1.80	-1.97	-1.97	-2.24	-2.26	-2.35	-2.60	-2.74	-2.84	-2.82	-2.04	-1.43	-1.55	-1.79	-1.84
	-31.13	-15.81	-28.18	-14.56	-13.06	-11.04	-32.68	-36.74	-43.05	-35.83	-38.29	-38.33	-42.18	-42.67	-44.82	-46.45	-48.89	-52.73	-55.58	-57.95	-31.69	-21.53	-10.25	-11.81
NEG CENTRAL___SENECA 23627	56.05	59.01	55.60	72.60	68.46	64.83	84.01	80.81	45.73	41.34	40.59	41.41	44.53	44.81	61.22	51.35	54.49	60.53	64.96	73.39	64.12	52.34	64.29	62.29
	-1.67	-1.03	-1.01	-1.03	-0.94	-0.91	-0.98	-1.03	-1.21	-0.88	-1.04	-0.99	-1.34	-1.43	-1.51	-1.62	-1.84	-1.89	-2.22	-2.04	-1.75	-1.71	-1.57	-1.41
	-16.99	-24.45	-23.95	-42.38	-37.99	-32.09	-44.08	-40.58	-6.62	-5.54	-5.89	-5.90	-6.48	-6.56	-20.68	-6.55	-6.56	-6.71	-7.13	-7.41	-3.54	-2.34	-22.24	-24.47
NEG CENTRAL___STATE_STREET 24147	43.28	39.30	36.47	37.67	37.16	38.51	46.85	46.52	41.16	37.47	36.39	37.22	40.09	40.30	44.88	46.97	50.23	56.21	61.60	69.90	63.28	52.15	46.81	42.63
	-0.53	-0.28	-0.29	-0.31	-0.28	-0.24	-0.16	-0.21	-0.36	-0.29	-0.43	-0.36	-0.47	-0.56	-0.59	-0.60	-0.70	-0.67	-0.72	-0.48	-0.37	-0.47	-0.61	-0.55
	-3.07	-3.99	-4.09	-6.73	-6.04	-5.10	-6.10	-5.46	-1.20	-1.10	-1.08	-1.10	-1.17	-1.18	-3.42	-1.15	-1.15	-1.17	-2.26	-2.36	-1.33	-0.91	-3.80	-3.95
NEG MILLWOOD___DRP 24198	43.84	38.48	35.18	33.69	33.76	35.87	43.57	44.07	43.26	39.38	38.42	39.26	42.54	43.09	45.75	52.51	58.67	76.29	78.44	74.07	67.56	55.54	48.07	41.92
	3.14	2.88	2.52	2.44	2.36	2.22	2.66	2.81	2.94	2.71	2.68	2.77	3.15	3.41	3.70	4.13	4.48	5.24	5.83	6.05	5.24	3.83	3.40	2.71
	0.03	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	-1.96	-4.41	-15.34	-12.56	0.00	0.00	-0.01	-1.04	0.02
NEG NORTH_FLCN_SEA 23793	40.00	34.81	32.05	30.66	30.78	33.11	40.22	40.56	39.59	35.86	34.95	35.69	38.68	38.96	41.21	45.54	48.83	54.60	58.86	67.00	61.39	51.14	43.10	38.88
	-0.73	-0.78	-0.62	-0.59	-0.63	-0.54	-0.70	-0.70	-0.73	-0.81	-0.79	-0.80	-0.71	-0.71	-0.84	-0.88	-0.95	-1.11	-1.20	-1.02	-0.93	-0.57	-0.52	-0.35
	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	39.68	34.53	31.79	30.41	30.50	32.80	39.89	40.15	39.15	35.50	34.60	35.32	38.21	38.49	40.75	45.03	48.29	54.04	58.25	66.39	60.83	50.67	42.75	38.53
	-1.06	-1.07	-0.88	-0.84	-0.91	-0.84	-1.02	-1.11	-1.17	-1.17	-1.14	-1.17	-1.18	-1.19	-1.30	-1.39	-1.49	-1.67	-1.80	-1.63	-1.50	-1.03	-0.87	-0.71
	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	40.08	34.89	32.08	30.69	30.78	33.14	40.26	40.56	39.63	35.86	34.92	35.69	38.64	38.96	41.21	45.59	48.88	54.65	58.92	67.13	61.51	51.24	43.23	38.96
	-0.65	-0.71	-0.59	-0.56	-0.63	-0.50	-0.65	-0.70	-0.69	-0.81	-0.82	-0.80	-0.75	-0.71	-0.84	-0.84	-0.90	-1.06	-1.14	-0.88	-0.81	-0.47	-0.39	-0.27
	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	40.08	34.89	32.08	30.69	30.78	33.14	40.26	40.56	39.63	35.86	34.92	35.69	38.64	38.96	41.21	45.59	48.88	54.65	58.92	67.13	61.51	51.24	43.23	38.96
	-0.65	-0.71	-0.59	-0.56	-0.63	-0.50	-0.65	-0.70	-0.69	-0.81	-0.82	-0.80	-0.75	-0.71	-0.84	-0.84	-0.90	-1.06	-1.14	-0.88	-0.81	-0.47	-0.39	-0.27
	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	40.08	34.89	32.08	30.69	30.78	33.14	40.26	40.56	39.63	35.86	34.92	35.69	38.64	39.00	41.21	45.45	48.88	54.65	58.91	67.13	61.51	51.24	43.23	38.96
	-0.65	-0.71	-0.59	-0.56	-0.63	-0.50	-0.66	-0.70	-0.69	-0.81	-0.82	-0.80	-0.75	-0.67	-0.84	-0.98	-0.89	-1.06	-1.14	-0.89	-0.81	-0.47	-0.39	-0.27
	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	25.45	25.71	20.29	20.58	21.45	24.45	21.62	21.10	24.13	23.21	21.33	22.10	23.37	23.48	23.45	26.84	28.98	32.00	36.20	42.62	44.33	38.00	32.80	28.85
	-5.42	-4.24	-3.99	-3.91	-3.89	-4.07	-4.54	-4.54	-4.60	-4.00	-4.11	-4.12	-4.65	-4.68	-5.13	-5.57	-5.92	-6.85	-7.39	-8.16	-7.29	-6.26	-5.63	-5.14
	9.86	5.65	8.39	6.76	6.06	5.13	14.75	15.62	11.60	9.46	10.29	10.27	11.37	11.51	13.47	14.02	14.88	16.86	16.46	17.24	10.71	7.45	5.20	5.24
NEG WEST___LANCASTR 23811	26.39	27.42	21.13	22.62	22.99	25.94	20.82	19.79	23.15	22.66	20.40	21.28	22.36	22.49	22.69	25.91	28.72	32.15	37.76	44.52	46.96	40.30	35.50	31.18
	-3.10	-2.31	-2.19	-2.19	-2.64	-2.83	-2.82	-2.93	-3.02	-2.53	-2.79	-2.70	-3.15	-3.13	-3.41	-3.71	-3.14	-3.68	-3.54	-3.88	-3.37	-3.10	-3.01	-2.79
	11.25	5.86	9.35	6.44	5.78	4.88	17.28	18.55	14.15	11.48	12.55	12.52	13.88	14.05	15.95	16.80	17.92	19.88	18.75	19.62	12.00	8.30	5.12	5.27

NEG_PENN_ALLEGHNY 23528	42.68 0.12 -1.82	37.68 0.25 -1.84	35.14 0.20 -2.27	34.11 0.16 -2.70	33.99 0.16 -2.42	35.86 0.17 -2.05	46.84 0.82 -5.10	47.25 0.82 -5.16	44.43 0.73 -3.39	40.11 0.62 -2.82	39.29 0.54 -3.01	40.13 0.62 -3.01	43.33 0.63 -3.32	43.71 0.67 -3.36	47.22 0.76 -4.41	50.86 0.84 -3.60	52.44 0.20 -2.46	59.01 0.28 -3.02	59.79 -0.12 0.14	67.21 -0.07 0.74	61.65 0.00 0.68	51.00 -0.21 0.50	44.48 -0.39 -1.25	39.92 -0.39 -1.08
NEG___GEN_MONROE 24207	34.63 -3.18 2.92	29.70 -2.49 3.40	26.66 -2.35 3.66	23.36 -2.34 5.54	24.21 -2.23 4.97	27.16 -2.29 4.20	30.11 -2.58 8.23	30.56 -2.68 8.02	35.07 -2.86 2.38	32.27 -2.53 1.88	31.09 -2.54 2.11	31.81 -2.59 2.09	34.09 -2.95 2.34	34.29 -3.02 2.37	34.44 -3.28 4.33	39.01 -3.53 3.89	41.46 -3.78 4.53	45.80 -4.23 5.68	50.26 -4.38 5.41	57.89 -4.42 5.70	54.08 -3.99 4.26	45.10 -3.57 3.04	36.20 -3.40 4.02	32.94 -3.06 3.23
NEPA___ENERGY 23901	25.01 -4.03 11.69	26.39 -3.17 6.04	19.96 -2.97 9.73	21.70 -2.97 6.58	22.43 -3.08 5.90	25.42 -3.23 4.99	19.41 -3.85 17.66	18.31 -3.96 18.99	21.57 -4.03 14.72	21.23 -3.48 11.96	18.96 -3.72 13.06	19.78 -3.69 13.02	20.74 -4.21 14.44	20.77 -4.29 14.62	20.90 -4.63 16.53	23.94 -5.06 17.42	26.56 -4.58 18.64	29.88 -5.24 20.59	35.57 -5.04 19.44	42.10 -5.58 20.34	45.12 -4.80 12.40	38.78 -4.34 8.58	34.34 -4.06 5.23	30.14 -3.69 5.40
NEVERSINK___HYD 23608	43.27 2.57 0.04	37.88 2.28 0.00	34.63 1.96 0.00	33.13 1.87 0.00	33.17 1.76 0.00	35.29 1.65 0.00	43.00 2.09 0.00	43.49 2.23 0.00	42.58 2.26 0.00	38.69 2.02 0.00	37.70 1.96 0.00	38.57 2.08 0.00	41.75 2.36 0.00	42.25 2.58 0.00	44.91 2.86 0.00	51.21 3.34 -1.45	56.62 3.63 -3.21	71.22 4.35 -11.16	74.05 4.86 -9.13	73.19 5.17 0.00	66.69 4.36 0.00	54.98 3.26 -0.01	47.41 2.79 -1.00	41.37 2.16 0.02
NEWKRMKL_115KV_TB1 55635	41.96 1.22 0.00	36.74 1.14 0.00	33.68 1.01 0.00	32.22 0.97 0.00	32.35 0.94 0.00	34.55 0.91 0.00	41.81 0.90 0.00	42.01 0.74 0.00	41.09 0.77 0.00	37.40 0.73 0.00	36.49 0.75 0.00	37.18 0.69 0.00	40.22 0.83 0.00	40.51 0.83 0.00	42.98 0.93 0.00	47.31 0.97 0.08	50.79 1.19 0.19	56.28 1.23 0.65	61.02 1.50 0.54	69.72 1.70 0.00	64.01 1.68 0.00	53.16 1.40 -0.05	48.02 1.22 -3.18	40.33 1.10 0.00
NEWTON___FALLS_HYD 23847	40.00 -0.73 0.00	34.78 -0.82 0.00	31.98 -0.69 0.00	30.63 -0.63 0.00	30.72 -0.69 0.00	33.07 -0.57 0.00	40.10 -0.82 0.00	40.36 -0.91 0.00	39.11 -1.21 0.00	35.24 -1.43 0.00	34.27 -1.47 0.00	34.89 -1.61 0.00	37.70 -1.69 0.00	37.97 -1.71 0.00	39.99 -2.06 0.00	44.19 -2.23 0.00	47.34 -2.44 0.00	53.26 -2.45 0.00	57.71 -2.34 0.00	65.64 -2.38 0.00	60.39 -1.93 0.00	50.47 -1.24 0.00	42.62 -1.00 0.00	38.37 -0.86 0.00
NGRID_A1_DSASP 323792	24.57 -5.83 10.34	25.35 -4.63 5.62	19.74 -4.34 8.58	20.38 -4.25 6.62	21.26 -4.21 5.94	24.19 -4.44 5.02	20.87 -5.07 14.97	20.38 -4.99 15.89	23.44 -5.00 11.88	22.62 -4.36 9.68	20.77 -4.43 10.54	21.48 -4.49 10.52	22.74 -5.00 11.65	22.81 -5.08 11.79	22.79 -5.55 13.71	26.05 -6.03 14.34	27.85 -6.42 15.51	30.96 -7.41 17.34	35.20 -8.11 16.75	41.30 -9.18 17.54	43.16 -8.29 10.88	37.33 -6.88 7.50	32.30 -6.11 5.21	28.35 -5.53 5.35
NGRID_A2_DSASP 323793	24.57 -5.83 10.34	25.35 -4.63 5.62	19.74 -4.34 8.58	20.38 -4.25 6.62	21.26 -4.21 5.94	24.19 -4.44 5.02	20.87 -5.07 14.97	20.38 -4.99 15.89	23.44 -5.00 11.88	22.62 -4.36 9.68	20.77 -4.43 10.54	21.48 -4.49 10.52	22.74 -5.00 11.65	22.81 -5.08 11.79	22.79 -5.55 13.71	26.05 -6.03 14.34	27.85 -6.42 15.51	30.96 -7.41 17.34	35.20 -8.11 16.75	41.30 -9.18 17.54	43.16 -8.29 10.88	37.33 -6.88 7.50	32.30 -6.11 5.21	28.35 -5.53 5.35
NGRID_A4_DSASP 323807	24.57 -5.83 10.34	25.35 -4.63 5.62	19.74 -4.34 8.58	20.38 -4.25 6.62	21.26 -4.21 5.94	24.19 -4.44 5.02	20.87 -5.07 14.97	20.38 -4.99 15.89	23.44 -5.00 11.88	22.62 -4.36 9.68	20.77 -4.43 10.54	21.48 -4.49 10.52	22.74 -5.00 11.65	22.81 -5.08 11.79	22.79 -5.55 13.71	26.05 -6.03 14.34	27.85 -6.42 15.51	30.96 -7.41 17.34	35.20 -8.11 16.75	41.30 -9.18 17.54	43.16 -8.29 10.88	37.33 -6.88 7.50	32.30 -6.11 5.21	28.35 -5.53 5.35
NIAGARA_115E_LBMP 323715	24.90 -5.78 10.05	25.46 -4.49 5.65	20.17 -4.21 8.28	20.48 -4.09 6.67	21.34 -4.08 5.99	24.28 -4.31 5.06	21.01 -4.91 15.00	20.52 -4.83 15.92	21.13 -4.88 14.30	20.51 -4.25 11.90	18.76 -4.25 12.72	19.38 -4.38 12.73	20.49 -4.89 14.01	20.54 -4.96 14.18	20.33 -5.38 16.34	23.32 -6.08 17.02	27.26 -6.37 16.15	29.81 -7.41 18.49	35.55 -7.99 16.52	41.75 -8.98 17.29	43.62 -8.04 10.66	37.49 -6.88 7.34	32.71 -5.84 5.07	28.61 -5.34 5.29
NIAGARA_115W_LBMP 323714	24.56 -5.87 10.31	25.34 -4.66 5.60	19.77 -4.34 8.55	20.43 -4.22 6.60	21.31 -4.18 5.92	24.20 -4.44 5.01	20.93 -5.07 14.91	20.44 -4.99 15.83	21.06 -5.00 14.25	20.45 -4.36 11.86	18.70 -4.36 12.68	19.31 -4.49 12.69	20.38 -5.04 13.96	20.47 -5.08 14.13	20.23 -5.55 16.27	23.17 -6.27 16.98	26.59 -6.47 16.71	29.59 -7.41 18.71	35.37 -8.17 16.52	41.54 -9.18 17.29	43.37 -8.29 10.66	37.49 -6.88 7.34	32.43 -6.06 5.12	28.36 -5.53 5.34
NIAGARA_230_LBMP 323716	25.00 -5.70 10.03	25.65 -4.52 5.42	20.19 -4.21 8.26	20.69 -4.09 6.47	21.55 -4.05 5.80	24.40 -4.34 4.91	21.51 -4.95 14.45	21.09 -4.87 15.30	21.83 -4.88 13.60	21.10 -4.25 11.32	19.39 -4.25 12.10	20.00 -4.38 12.11	21.14 -4.92 13.33	21.19 -5.00 13.48	21.02 -5.42 15.60	24.02 -6.13 16.28	27.33 -6.32 16.13	30.00 -7.24 18.47	35.75 -7.81 16.50	42.04 -8.71 17.27	43.83 -7.85 10.64	37.67 -6.72 7.32	32.68 -5.89 5.05	28.59 -5.37 5.27
NIAGARA___115KV_198_GIBSON 55903	24.60 -5.83 10.31	25.37 -4.63 5.60	19.77 -4.34 8.55	20.40 -4.25 6.60	21.28 -4.21 5.92	24.20 -4.44 5.01	20.93 -5.07 14.91	20.44 -4.99 15.83	23.51 -5.00 11.81	22.68 -4.36 9.63	20.83 -4.43 10.48	21.55 -4.49 10.46	22.81 -5.00 11.58	22.88 -5.08 11.72	22.82 -5.59 13.64	26.12 -6.03 14.26	27.88 -6.47 15.43	30.99 -7.41 17.31	35.14 -8.17 16.75	41.30 -9.18 17.54	43.16 -8.29 10.88	37.33 -6.88 7.50	32.31 -6.11 5.20	28.36 -5.53 5.34
NIAGARA____ 23760	25.00 -5.70 10.03	25.65 -4.52 5.42	20.19 -4.21 8.26	20.69 -4.09 6.47	21.55 -4.05 5.80	24.40 -4.34 4.91	21.51 -4.95 14.45	21.09 -4.87 15.30	21.83 -4.88 13.60	21.10 -4.25 11.32	19.39 -4.25 12.10	20.00 -4.38 12.11	21.14 -4.92 13.33	21.19 -5.00 13.48	21.02 -5.42 15.60	24.02 -6.13 16.28	27.33 -6.32 16.13	30.00 -7.24 18.47	35.75 -7.81 16.50	42.04 -8.71 17.28	43.83 -7.85 10.64	37.66 -6.72 7.32	32.68 -5.89 5.05	28.59 -5.37 5.27
NINE_MILE_1 23575	39.27 -1.46 0.00	34.39 -1.21 0.00	31.56 -1.00 0.00	30.19 -1.06 0.00	30.37 -1.04 0.00	32.54 -1.11 0.00	39.60 -1.31 0.00	39.94 -1.32 0.00	38.99 -1.33 0.00	35.50 -1.17 0.00	34.56 -1.18 0.00	35.32 -1.17 0.00	38.01 -1.38 0.00	38.13 -1.55 0.00	40.45 -1.60 0.00	36.03 -1.76 8.63	35.25 -1.89 12.64	34.85 -2.12 18.74	36.30 -2.28 21.48	42.66 -2.52 22.85	39.85 -2.24 20.23	34.99 -1.96 14.75	34.75 -1.70 7.17	37.88 -1.37 -0.02

NINE_MILE_2 23744	39.27 -1.46 0.00	34.39 -1.21 0.00	31.56 -1.11 0.00	30.19 -1.06 0.00	30.37 -1.04 0.00	32.54 -1.11 0.00	39.60 -1.31 0.00	39.94 -1.32 0.00	38.99 -1.33 0.00	35.50 -1.17 0.00	34.56 -1.18 0.00	35.32 -1.17 0.00	38.01 -1.38 0.00	38.13 -1.55 0.00	40.45 -1.60 0.00	35.96 -1.72 8.74	35.09 -1.89 12.80	34.61 -2.12 18.98	36.02 -2.28 21.76	42.36 -2.52 23.14	39.59 -2.24 20.50	34.85 -1.91 14.95	34.65 -1.70 7.27	37.88 -1.37 -0.02
NM_CAPITAL___DRP 24208	42.08 1.34 0.00	36.84 1.25 0.00	33.78 1.11 0.00	32.31 1.06 0.00	32.44 1.04 0.00	34.65 1.01 0.00	41.90 0.98 0.00	42.09 0.83 0.00	41.17 0.85 0.00	37.51 0.84 0.00	36.60 0.86 0.00	37.29 0.80 0.00	40.30 0.91 0.00	40.63 0.95 0.00	43.10 1.05 0.00	47.47 1.11 0.07	50.97 1.34 0.15	56.63 1.45 0.53	61.30 1.68 0.44	69.85 1.84 0.00	64.19 1.87 0.00	53.31 1.55 -0.05	48.12 1.35 -3.15	40.41 1.18 0.00
NM_CENTRAL___DRP 24181	40.00 -0.73 0.00	35.06 -0.53 0.00	32.14 -0.52 0.00	30.75 -0.50 0.00	30.90 -0.50 0.00	33.14 -0.50 0.00	40.38 -0.53 0.00	40.73 -0.54 0.00	39.71 -0.60 0.00	36.16 -0.51 0.00	35.20 -0.54 0.00	35.98 -0.51 0.00	38.76 -0.63 0.00	39.00 -0.67 0.00	41.34 -0.71 0.00	45.15 -0.79 0.49	48.12 -0.95 0.72	53.65 -1.00 1.06	57.77 -1.08 1.21	65.65 -1.09 1.28	60.19 -1.00 1.14	49.95 -0.93 0.83	42.30 -0.92 0.40	38.49 -0.75 0.00
NM_FRONTIER___DRP 24179	24.60 -5.83 10.31	25.37 -4.63 5.60	19.77 -4.34 8.55	20.40 -4.25 6.60	21.28 -4.21 5.92	24.20 -4.44 5.01	20.93 -5.07 14.91	20.44 -4.99 15.83	23.51 -5.00 11.81	22.68 -4.36 9.63	20.83 -4.43 10.48	21.55 -4.49 10.46	22.81 -5.00 11.58	22.88 -5.08 11.72	22.82 -5.59 13.64	26.12 -6.03 14.26	27.88 -6.47 15.43	30.99 -7.41 17.31	35.14 -8.17 16.75	41.30 -9.18 17.54	43.16 -8.29 10.88	37.33 -6.88 7.50	32.31 -6.11 5.20	28.36 -5.53 5.34
NM_ST_REGIS___HYD 24053	39.96 -0.77 0.00	34.71 -0.89 0.00	31.88 -0.78 0.00	30.53 -0.72 0.00	30.62 -0.79 0.00	32.97 -0.67 0.00	40.01 -0.90 0.00	40.36 -0.91 0.00	39.31 -1.01 0.00	35.53 -1.14 0.00	34.60 -1.14 0.00	35.14 -1.35 0.00	38.09 -1.30 0.00	38.29 -1.39 0.00	40.37 -1.68 0.00	44.61 -1.81 0.00	47.74 -2.04 0.00	53.43 -2.28 0.00	57.65 -2.40 0.00	65.71 -2.31 0.00	60.46 -1.87 0.00	50.62 -1.09 0.00	42.92 -0.70 0.00	38.61 -0.63 0.00
NORTHPORT___1 23551	44.83 3.75 -0.35	39.02 3.42 0.00	35.35 2.68 0.00	33.75 2.50 0.00	33.70 2.29 0.00	35.90 2.25 0.00	43.74 2.82 0.00	44.90 3.63 0.00	44.18 3.79 -0.07	40.32 3.52 -0.13	46.08 3.25 -7.09	44.40 3.32 -4.58	47.69 3.50 -4.80	48.61 3.65 -5.29	48.90 3.87 -2.99	52.32 3.94 -1.96	58.40 4.23 -4.39	74.86 3.90 -15.25	76.99 4.44 -12.49	72.85 4.83 0.00	65.50 3.18 0.00	54.92 3.21 0.00	48.29 3.66 -1.00	43.39 3.33 -0.83
NORTHPORT___2 23552	44.83 3.75 -0.35	39.02 3.42 0.00	35.35 2.68 0.00	33.75 2.50 0.00	33.70 2.29 0.00	35.90 2.25 0.00	43.74 2.82 0.00	44.90 3.63 0.00	44.18 3.79 -0.07	40.32 3.52 -0.13	46.08 3.25 -7.09	44.40 3.32 -4.58	47.69 3.50 -4.80	48.61 3.65 -5.29	48.90 3.87 -2.99	52.32 3.94 -1.96	58.40 4.23 -4.39	74.86 3.90 -15.25	76.99 4.44 -12.49	72.85 4.83 0.00	65.50 3.18 0.00	54.92 3.21 0.00	48.29 3.66 -1.00	43.39 3.33 -0.83
NORTHPORT___3 23553	44.83 3.75 -0.35	38.98 3.38 0.00	35.31 2.64 0.00	33.72 2.47 0.00	33.70 2.29 0.00	35.87 2.22 0.00	43.74 2.82 0.00	44.85 3.59 0.00	44.14 3.75 -0.07	40.32 3.52 -0.13	46.08 3.25 -7.09	44.40 3.32 -4.58	47.73 3.55 -4.80	48.61 3.65 -5.29	48.95 3.91 -2.99	52.37 3.99 -1.96	58.45 4.28 -4.39	74.98 4.01 -15.25	77.05 4.51 -12.49	72.85 4.83 0.00	65.56 3.24 0.00	54.92 3.21 0.00	48.24 3.62 -1.00	43.35 3.30 -0.83
NORTHPORT___4 23650	44.83 3.75 -0.35	38.98 3.38 0.00	35.31 2.64 0.00	33.72 2.47 0.00	33.70 2.29 0.00	35.87 2.22 0.00	43.74 2.82 0.00	44.85 3.59 0.00	44.14 3.75 -0.07	40.32 3.52 -0.13	46.08 3.25 -7.09	44.40 3.32 -4.58	47.73 3.55 -4.80	48.61 3.65 -5.29	48.95 3.91 -2.99	52.37 3.99 -1.96	58.45 4.28 -4.39	74.98 4.01 -15.25	77.05 4.51 -12.49	72.85 4.83 0.00	65.56 3.24 0.00	54.92 3.21 0.00	48.24 3.62 -1.00	43.35 3.30 -0.83
NORTHPORT___IC 23718	44.83 3.75 -0.35	38.94 3.35 0.00	35.35 2.68 0.00	33.75 2.50 0.00	33.73 2.32 0.00	35.93 2.29 0.00	43.37 2.45 0.00	44.52 3.26 0.00	44.14 3.75 -0.07	40.32 3.52 -0.13	46.08 3.25 -7.09	44.40 3.32 -4.58	47.69 3.51 -4.80	48.58 3.61 -5.29	48.91 3.87 -2.99	52.23 3.85 -1.96	58.18 3.98 -4.42	74.98 3.90 -15.37	77.02 4.38 -12.58	72.85 4.83 0.00	65.50 3.18 0.00	54.92 3.21 0.00	48.24 3.62 -1.00	43.39 3.33 -0.83
NORTH___COUNTRY_ESR 323785	39.59 -1.14 0.00	34.46 -1.14 0.00	31.72 -0.95 0.00	30.34 -0.91 0.00	30.47 -0.94 0.00	32.74 -0.91 0.00	39.81 -1.10 0.00	40.11 -1.16 0.00	39.15 -1.17 0.00	35.50 -1.17 0.00	34.59 -1.15 0.00	35.36 -1.13 0.00	38.25 -1.14 0.00	38.57 -1.11 0.00	40.79 -1.26 0.00	44.98 -1.44 0.00	48.33 -1.45 0.00	54.04 -1.67 0.00	58.19 -1.86 0.00	66.25 -1.77 0.00	60.65 -1.68 0.00	50.57 -1.14 0.00	42.62 -1.00 0.00	38.45 -0.78 0.00
NPX_GEN_1385_PROXY 323591	44.83 3.75 -0.35	39.12 3.52 0.00	35.35 2.68 0.00	33.84 2.59 0.00	33.79 2.39 0.00	35.90 2.25 0.00	43.74 2.82 0.00	45.02 3.75 0.00	44.06 3.67 -0.07	40.21 3.41 -0.13	45.54 2.71 -7.09	43.85 2.77 -4.58	46.82 2.64 -4.80	48.02 3.06 -5.29	48.53 3.49 -2.99	51.91 3.53 -1.96	58.10 3.93 -4.39	73.80 2.84 -15.25	76.03 3.48 -12.49	73.05 5.03 0.00	65.69 3.36 0.00	55.07 3.36 0.00	48.42 3.79 -1.00	43.51 3.45 -0.83
NPX_GEN_CSC 323557	45.08 3.99 -0.35	39.30 3.70 0.00	35.54 2.88 0.00	33.88 2.63 0.00	33.79 2.39 0.00	36.20 2.56 0.00	43.90 2.99 0.00	45.43 4.17 0.00	44.91 4.51 -0.07	40.98 4.18 -0.13	46.26 3.43 -7.09	44.43 3.36 -4.58	48.09 3.90 -4.80	49.18 4.20 -5.29	49.12 4.08 -2.99	52.74 4.36 -1.96	59.00 4.83 -4.39	75.42 4.46 -15.25	77.65 5.10 -12.49	73.46 5.44 0.00	65.81 3.49 0.00	55.33 3.62 0.00	48.24 3.62 -1.00	43.16 3.10 -0.83
NSINS_S_GLNS_FALLS 23858	43.95 3.22 0.00	38.48 2.88 0.00	35.28 2.61 0.00	33.69 2.44 0.00	33.86 2.45 0.00	36.24 2.59 0.00	43.82 2.90 0.00	43.74 2.48 0.00	42.58 2.26 0.00	38.54 1.87 0.00	37.53 1.79 0.00	37.84 1.35 0.00	40.89 1.50 0.00	41.07 1.39 0.00	43.31 1.26 0.00	48.28 1.95 0.10	52.15 2.59 0.22	58.30 3.34 0.75	63.77 4.32 0.61	74.00 5.99 0.00	68.37 6.05 0.00	56.65 4.86 -0.08	52.13 3.97 -4.54	42.61 3.37 0.00
NUCOR_STEEL___DRP 24197	41.04 -0.45 -0.75	36.71 -0.25 -1.36	33.65 -0.23 -1.21	33.47 -0.25 -2.47	33.41 -0.22 -2.22	35.32 -0.20 -1.87	43.09 -0.16 -2.34	43.15 -0.21 -2.09	39.96 -0.36 0.00	36.34 -0.33 0.00	35.35 -0.39 0.00	36.13 -0.36 0.00	38.92 -0.47 0.00	39.16 -0.52 0.00	42.32 -0.55 -0.82	45.82 -0.60 0.00	49.08 -0.70 0.00	55.04 -0.67 0.00	59.40 -0.66 0.00	67.54 -0.48 0.00	61.95 -0.37 0.00	51.29 -0.41 0.00	44.39 -0.52 -1.29	40.19 -0.43 -1.39

NUMBER_THREE_WT_PWR 323818	40.08 -0.65 0.00	34.92 -0.68 0.00	32.14 -0.52 0.00	30.78 -0.47 0.00	30.87 -0.53 0.00	33.21 -0.44 0.00	40.22 -0.70 0.00	40.48 -0.79 0.00	39.03 -1.29 0.00	35.17 -1.51 0.00	34.20 -1.54 0.00	34.89 -1.60 0.00	37.62 -1.77 0.00	37.93 -1.74 0.00	40.08 -1.98 0.00	44.20 -2.23 0.00	47.44 -2.34 0.00	53.59 -2.12 0.00	58.13 -1.92 0.00	66.04 -1.97 0.00	60.70 -1.62 0.00	50.57 -1.14 0.00	42.53 -1.09 0.00	38.29 -0.94 0.00
NYISO_LBMP_REFERENCE 24008	40.74 0.00 0.00	35.60 0.00 0.00	32.67 0.00 0.00	31.25 0.00 0.00	31.41 0.00 0.00	33.65 0.00 0.00	40.91 0.00 0.00	41.26 0.00 0.00	40.32 0.00 0.00	36.67 0.00 0.00	35.74 0.00 0.00	36.49 0.00 0.00	39.39 0.00 0.00	39.68 0.00 0.00	42.05 0.00 0.00	46.42 0.00 0.00	49.78 0.00 0.00	55.71 0.00 0.00	60.06 0.00 0.00	68.02 0.00 0.00	62.32 0.00 0.00	51.71 0.00 0.00	43.62 0.00 0.00	39.23 0.00 0.00
NYPA_BRENTWD____GT 24164	45.40 4.32 -0.35	39.51 3.92 0.00	35.77 3.11 0.00	34.12 2.87 0.00	34.08 2.67 0.00	36.30 2.66 0.00	44.27 3.36 0.00	45.47 4.21 0.00	44.75 4.36 -0.07	40.83 4.03 -0.13	46.58 3.75 -7.09	44.87 3.79 -4.58	48.32 4.13 -4.80	49.34 4.36 -5.30	49.68 4.63 -3.00	53.25 4.87 -1.96	59.50 5.33 -4.39	75.98 5.02 -15.25	78.19 5.64 -12.49	74.14 6.12 0.00	66.62 4.30 0.00	56.00 4.29 0.00	48.94 4.32 -1.00	43.86 3.80 -0.83
NYPA_GOWANUS____GT5 24156	44.30 3.59 0.02	38.84 3.24 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.05 3.93 -10.44	58.09 4.12 -11.91	65.26 4.50 -14.34	66.25 4.83 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
NYPA_GOWANUS____GT6 24157	44.30 3.59 0.02	38.84 3.24 -0.01	35.42 2.74 -0.01	33.91 2.65 -0.01	33.96 2.54 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.24 2.97 0.00	43.47 3.15 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.05 3.93 -10.44	58.09 4.12 -11.91	65.26 4.50 -14.34	66.25 4.83 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.00 4.68 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01
NYPA_HARLEM__RVR__GT1 24160	44.21 3.50 0.02	38.74 3.13 -0.01	35.39 2.71 -0.01	33.98 2.72 -0.01	34.05 2.64 -0.01	36.10 2.45 0.00	43.57 2.66 0.00	44.15 2.89 0.00	43.42 3.10 0.00	39.68 3.01 0.00	39.23 3.04 -0.46	43.41 3.21 -3.71	48.18 3.58 -5.20	53.88 3.77 -10.43	47.43 4.04 -1.34	65.21 4.46 -14.33	59.65 4.78 -5.10	76.26 5.30 -15.26	78.25 5.71 -12.48	73.87 5.85 0.00	66.81 4.49 0.01	55.80 4.08 -0.01	48.43 3.79 -1.01	42.32 3.10 0.01
NYPA_HARLEM__RVR__GT2 24161	44.21 3.50 0.02	38.74 3.13 -0.01	35.39 2.71 -0.01	33.98 2.72 -0.01	34.05 2.64 -0.01	36.10 2.45 0.00	43.57 2.66 0.00	44.15 2.89 0.00	43.42 3.10 0.00	39.68 3.01 0.00	39.23 3.04 -0.46	43.41 3.21 -3.71	48.18 3.58 -5.20	53.88 3.77 -10.43	47.43 4.04 -1.34	65.21 4.46 -14.33	59.65 4.78 -5.10	76.26 5.30 -15.26	78.25 5.71 -12.48	73.87 5.85 0.00	66.81 4.49 0.01	55.80 4.08 -0.01	48.43 3.79 -1.01	42.32 3.10 0.01
NYPA_KENT____GT 24152	44.21 3.50 0.02	38.77 3.17 -0.01	35.39 2.71 -0.01	33.88 2.63 -0.01	33.96 2.54 -0.01	36.00 2.35 0.00	43.61 2.70 0.00	44.27 3.01 0.00	43.55 3.23 0.00	39.79 3.12 0.00	39.31 3.11 -0.47	41.84 3.25 -2.10	48.27 3.66 -5.21	54.01 3.89 -10.44	58.09 4.12 -11.91	65.31 4.55 -14.34	66.30 4.88 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	73.93 5.91 0.00	67.06 4.73 0.00	55.85 4.14 -0.01	48.38 3.75 -1.01	42.32 3.10 0.01
NYPA_POUCH1____GT 24155	44.21 3.50 0.02	38.74 3.13 -0.01	35.32 2.64 -0.01	33.82 2.56 -0.01	33.87 2.45 -0.01	35.90 2.25 0.00	43.49 2.58 0.00	44.11 2.84 0.00	43.30 2.98 0.00	39.61 2.93 0.00	39.14 2.93 -0.47	41.73 3.14 -2.10	48.15 3.55 -5.21	53.93 3.81 -10.44	57.87 3.91 -11.91	65.08 4.32 -14.34	66.05 4.63 -11.64	76.21 5.24 -15.27	78.06 5.52 -12.48	73.66 5.64 0.00	66.75 4.43 0.00	55.80 4.08 -0.01	48.47 3.84 -1.01	42.36 3.14 0.01
NYPA_VERNON____GT2 24162	44.17 3.46 0.02	38.70 3.10 -0.01	35.36 2.68 -0.01	33.89 2.63 -0.01	33.93 2.51 -0.01	36.00 2.35 0.00	43.66 2.74 0.00	44.32 3.05 0.00	43.58 3.26 0.00	39.83 3.15 0.00	39.31 3.11 -0.47	41.88 3.29 -2.10	48.22 3.62 -5.21	53.97 3.85 -10.44	58.09 4.12 -11.91	65.31 4.55 -14.34	66.35 4.93 -11.64	76.44 5.46 -15.27	78.36 5.82 -12.48	74.01 5.99 0.00	67.12 4.80 0.00	55.75 4.04 -0.01	48.30 3.66 -1.01	42.20 2.98 0.01
NYPA_VERNON____GT3 24163	44.17 3.46 0.02	38.70 3.10 -0.01	35.36 2.68 -0.01	33.89 2.63 -0.01	33.93 2.51 -0.01	36.00 2.35 0.00	43.66 2.74 0.00	44.32 3.05 0.00	43.58 3.26 0.00	39.83 3.15 0.00	39.31 3.11 -0.47	41.88 3.29 -2.10	48.22 3.62 -5.21	53.97 3.85 -10.44	58.09 4.12 -11.91	65.31 4.55 -14.34	66.35 4.93 -11.64	76.44 5.46 -15.27	78.36 5.82 -12.48	74.01 5.99 0.00	67.12 4.80 0.00	55.75 4.04 -0.01	48.30 3.66 -1.01	42.20 2.98 0.01
NYPA__ASTORIA_CC1 323568	44.13 3.42 0.02	38.70 3.10 -0.01	35.35 2.68 -0.01	33.88 2.63 -0.01	33.93 2.51 -0.01	36.00 2.35 0.00	43.61 2.70 0.00	44.27 3.01 0.00	43.50 3.18 0.00	39.79 3.12 0.00	39.28 3.07 -0.47	41.81 3.21 -2.10	48.19 3.58 -5.21	53.93 3.81 -10.44	58.00 4.04 -11.91	65.26 4.50 -14.34	66.25 4.83 -11.64	76.38 5.40 -15.27	78.25 5.71 -12.48	73.87 5.85 0.00	67.00 4.68 0.00	55.70 3.98 -0.01	48.25 3.62 -1.01	42.20 2.98 0.01
NYPA__ASTORIA_CC2 323569	44.13 3.42 0.02	38.70 3.10 -0.01	35.35 2.68 -0.01	33.88 2.63 -0.01	33.93 2.51 -0.01	36.00 2.35 0.00	43.61 2.70 0.00	44.27 3.01 0.00	43.50 3.18 0.00	39.79 3.12 0.00	39.28 3.07 -0.47	41.81 3.21 -2.10	48.19 3.58 -5.21	53.93 3.81 -10.44	58.00 4.04 -11.91	65.26 4.50 -14.34	66.25 4.83 -11.64	76.38 5.40 -15.27	78.25 5.71 -12.48	73.87 5.85 0.00	67.00 4.68 0.00	55.70 3.98 -0.01	48.25 3.62 -1.01	42.20 2.98 0.01
NYPA__HOLTSVILL 23794	45.12 4.03 -0.35	39.30 3.70 0.00	35.57 2.91 0.00	33.94 2.69 0.00	33.86 2.45 0.00	36.14 2.49 0.00	43.98 3.07 0.00	45.26 4.00 0.00	44.58 4.19 -0.07	40.72 3.93 -0.13	46.33 3.50 -7.09	44.54 3.47 -4.58	48.05 3.86 -4.80	49.06 4.09 -5.29	49.29 4.25 -2.99	52.88 4.50 -1.96	59.05 4.88 -4.39	75.53 4.57 -15.25	77.71 5.17 -12.49	73.52 5.51 0.00	66.06 3.74 0.00	55.48 3.77 0.00	48.46 3.84 -1.00	43.47 3.41 -0.83
NYPA__HELLGATE_GT1 24158	44.21 3.50 0.02	38.74 3.13 -0.01	35.39 2.71 -0.01	33.98 2.72 -0.01	34.05 2.64 -0.01	36.10 2.45 0.00	43.57 2.66 0.00	44.15 2.89 0.00	43.42 3.10 0.00	39.68 3.01 0.00	39.23 3.04 -0.46	40.18 3.21 -0.48	48.18 3.58 -5.20	53.92 3.81 -10.43	68.57 4.04 -22.48	65.21 4.46 -14.33	58.30 4.78 -3.74	76.26 5.30 -15.26	78.25 5.71 -12.48	73.87 5.85 0.00	66.81 4.49 0.01	55.80 4.08 -0.01	48.43 3.79 -1.01	42.32 3.10 0.01

NYPA_____HELLGATE_GT2 24159	44.21	38.74	35.39	33.98	34.05	36.10	43.57	44.15	43.42	39.68	39.23	40.18	48.18	53.92	68.57	65.21	58.30	76.26	78.25	73.87	66.81	55.80	48.43	42.32
	3.50	3.13	2.71	2.72	2.64	2.45	2.66	2.89	3.10	3.01	3.04	3.21	3.58	3.81	4.04	4.46	4.78	5.30	5.71	5.85	4.49	4.08	3.79	3.10
	0.02	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	-0.46	-0.48	-5.20	-10.43	-22.48	-14.33	-3.74	-15.26	-12.48	0.00	0.01	-0.01	-1.01	0.01
NYS_BARGE____HYD 23848	26.01	25.93	20.77	20.78	21.66	24.58	22.11	21.67	22.58	21.74	20.01	20.67	21.87	21.97	21.78	24.93	28.67	31.60	37.30	43.78	45.07	38.55	33.21	29.16
	-5.38	-4.20	-3.92	-3.85	-3.80	-4.04	-4.50	-4.50	-4.56	-3.96	-4.00	-4.09	-4.61	-4.64	-5.05	-5.71	-5.87	-6.80	-7.33	-8.10	-7.23	-6.21	-5.41	-4.98
	9.35	5.46	7.98	6.63	5.94	5.02	14.30	15.10	13.18	10.97	11.72	11.74	12.92	13.07	15.23	15.78	15.24	17.31	15.42	16.15	10.02	6.95	5.00	5.09
OAK ORCHARD____HYD 24046	34.87	29.73	26.80	23.42	24.26	27.13	30.32	30.90	34.28	31.54	30.48	31.18	33.48	33.63	33.68	38.13	41.56	45.81	52.93	60.56	55.66	46.21	36.82	33.49
	-3.26	-2.56	-2.42	-2.34	-2.23	-2.36	-2.66	-2.68	-2.78	-2.42	-2.36	-2.41	-2.72	-2.82	-3.07	-3.43	-3.49	-4.01	-4.14	-4.28	-3.86	-3.46	-3.18	-2.94
	2.61	3.30	3.45	5.49	4.92	4.16	7.94	7.68	3.26	2.71	2.90	2.90	3.19	3.23	5.30	4.86	4.73	5.89	2.99	3.18	2.81	2.03	3.62	2.80
OAKDALE____35_KV_LOAD 356122	42.68	37.65	35.18	34.17	34.00	35.85	46.93	47.34	43.09	38.91	38.12	38.90	42.07	42.44	45.82	49.36	52.17	58.74	61.72	69.17	62.59	51.61	44.77	40.24
	0.00	0.11	0.10	0.06	0.03	0.03	0.65	0.66	0.56	0.51	0.43	0.47	0.51	0.56	0.59	0.65	0.00	0.06	-0.36	-0.34	-0.31	-0.47	-0.52	-0.51
	-1.95	-1.95	-2.41	-2.86	-2.56	-2.17	-5.36	-5.42	-2.21	-1.73	-1.95	-1.94	-2.17	-2.20	-3.18	-2.29	-2.39	-2.97	-2.02	-1.49	-0.58	-0.36	-1.67	-1.52
OCC_CHEM____DRP 24175	24.57	25.35	19.74	20.38	21.26	24.19	20.87	20.38	23.44	22.62	20.77	21.48	22.74	22.81	22.79	26.05	27.85	30.96	35.20	41.30	43.16	37.33	32.30	28.35
	-5.83	-4.63	-4.34	-4.25	-4.21	-4.44	-5.07	-4.99	-5.00	-4.36	-4.43	-4.49	-5.00	-5.08	-5.55	-6.03	-6.42	-7.41	-8.11	-9.18	-8.29	-6.88	-6.11	-5.53
	10.34	5.62	8.58	6.62	5.94	5.02	14.97	15.89	11.88	9.68	10.54	10.52	11.65	11.79	13.71	14.34	15.51	17.34	16.75	17.54	10.88	7.50	5.21	5.35
OH_GEN_PROXY 24063	25.60	26.00	20.76	21.00	21.84	23.95	22.75	21.65	22.52	21.67	20.00	20.65	21.85	21.91	21.77	24.86	28.36	31.33	37.42	43.80	44.90	38.30	33.00	28.86
	-5.62	-4.45	-4.15	-4.03	-3.99	-4.27	-4.87	-4.83	-4.84	-4.22	-4.22	-4.31	-4.85	-4.92	-5.34	-5.99	-6.12	-7.08	-7.57	-8.44	-7.61	-6.52	-5.76	-5.30
	9.52	5.15	7.76	6.22	5.58	5.42	13.29	14.79	12.96	10.78	11.52	11.53	12.69	12.84	14.94	15.57	15.30	17.31	15.07	15.78	9.82	6.89	4.86	5.08
OLIN_CORP_DRP 24177	24.74	25.41	19.99	20.46	21.32	24.26	20.85	20.29	23.36	22.57	20.65	21.41	22.61	22.72	22.65	25.97	28.19	30.98	35.18	41.37	43.29	37.30	32.42	28.41
	-5.74	-4.49	-4.21	-4.09	-4.08	-4.31	-4.87	-4.83	-4.84	-4.22	-4.32	-4.34	-4.88	-4.92	-5.42	-5.85	-6.32	-7.35	-7.93	-8.91	-8.04	-6.83	-6.02	-5.49
	10.26	5.70	8.46	6.70	6.01	5.08	15.20	16.15	12.13	9.89	10.76	10.74	11.89	12.04	13.98	14.60	15.26	17.37	16.95	17.74	10.99	7.58	5.19	5.33
OLIN_CORP_DSASP 323712	24.57	25.35	19.74	20.38	21.26	24.19	20.87	20.38	23.44	22.62	20.77	21.48	22.74	22.81	22.79	26.05	27.85	30.96	35.20	41.30	43.16	37.33	32.30	28.35
	-5.83	-4.63	-4.34	-4.25	-4.21	-4.44	-5.07	-4.99	-5.00	-4.36	-4.43	-4.49	-5.00	-5.08	-5.55	-6.03	-6.42	-7.41	-8.11	-9.18	-8.29	-6.88	-6.11	-5.53
	10.34	5.62	8.58	6.62	5.94	5.02	14.97	15.89	11.88	9.68	10.54	10.52	11.65	11.79	13.71	14.34	15.51	17.34	16.75	17.54	10.88	7.50	5.21	5.35
ONEIDA_HERK_LFGE 323681	40.90	35.71	32.83	31.41	31.53	33.85	41.08	41.39	40.12	36.23	35.27	36.02	38.88	39.20	41.46	45.77	49.13	55.32	59.88	67.88	62.32	51.76	43.53	39.19
	0.16	0.11	0.16	0.16	0.13	0.20	0.16	0.12	-0.20	-0.44	-0.47	-0.48	-0.51	-0.47	-0.59	-0.65	-0.65	-0.39	-0.18	-0.14	0.00	0.05	-0.09	-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
ONEIDA____115KV_TB4 55905	41.31	36.13	33.19	31.75	31.88	34.22	41.57	41.88	40.64	36.78	35.81	36.60	39.47	39.84	42.14	46.26	49.56	55.60	60.08	68.23	62.60	51.95	43.80	39.63
	0.57	0.53	0.52	0.50	0.47	0.57	0.65	0.62	0.32	0.11	0.07	0.11	0.08	0.16	0.08	0.09	0.15	0.45	0.66	0.88	0.87	0.67	0.39	0.39
	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	0.25	0.37	0.55	0.63	0.67	0.60	0.43	0.21	0.00
ONONDAGA_REF_OCCRA 23987	40.56	35.88	32.88	32.04	32.10	34.16	41.75	41.94	39.92	36.34	35.35	36.13	38.92	39.20	41.94	45.51	48.61	54.27	58.39	66.40	60.87	50.48	43.24	39.34
	-0.53	-0.36	-0.36	-0.38	-0.35	-0.37	-0.29	-0.33	-0.40	-0.33	-0.39	-0.36	-0.47	-0.48	-0.50	-0.56	-0.65	-0.67	-0.78	-0.68	-0.62	-0.62	-0.70	-0.55
	-0.35	-0.64	-0.57	-1.16	-1.04	-0.88	-1.12	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.39	0.36	0.52	0.77	0.88	0.94	0.83	0.61	-0.31	-0.65
ONONDAGA____COGEN 23986	40.81	36.36	33.31	32.91	32.86	34.84	42.48	42.59	39.92	36.30	35.35	36.13	38.92	39.16	42.15	45.82	49.08	54.99	59.28	67.34	61.70	51.09	44.00	39.83
	-0.53	-0.32	-0.33	-0.31	-0.31	-0.30	-0.29	-0.33	-0.40	-0.37	-0.39	-0.36	-0.47	-0.52	-0.55	-0.60	-0.70	-0.72	-0.78	-0.68	-0.62	-0.62	-0.65	-0.51
	-0.60	-1.08	-0.97	-1.97	-1.77	-1.49	-1.85	-1.66	0.00	0.00	0.00	0.00	0.00	0.00	-0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.03	-1.11
ONTARIO____LFGE 23819	56.05	59.01	55.60	72.63	68.46	64.83	84.01	80.81	45.23	40.92	40.22	41.00	44.05	44.36	60.73	50.80	54.32	60.34	65.00	73.42	64.15	52.36	64.39	62.29
	-1.67	-1.03	-1.01	-1.00	-0.94	-0.91	-0.98	-1.03	-1.25	-0.88	-1.00	-0.98	-1.38	-1.43	-1.51	-1.67	-1.84	-1.89	-2.22	-2.04	-1.74	-1.71	-1.48	-1.41
	-16.99	-24.45	-23.95	-42.38	-37.99	-32.09	-44.08	-40.58	-6.16	-5.13	-5.48	-5.49	-6.04	-6.11	-20.19	-6.05	-6.38	-6.53	-7.16	-7.44	-3.57	-2.36	-22.25	-24.47
ORANGEVILLE_WT_PWR 323706	7.04	17.62	4.03	14.36	15.92	19.92	4.00	0.69	-4.65	-0.97	-4.38	-3.73	-4.89	-5.10	-5.70	-4.66	-2.98	-2.06	1.59	6.71	25.20	25.20	28.52	23.62
	-4.44	-3.45	-3.20	-3.09	-3.11	-3.26	-3.40	-3.34	-3.39	-3.04	-3.15	-3.21	-3.55	-3.57	-3.78	-4.27	-4.58	-5.07	-6.06	-6.60	-5.67	-4.91	-4.45	-4.08
	29.26	14.52	25.43	13.80	12.38	10.47	33.52	37.23	41.58	34.60	36.97	37.01	40.74	41.21	43.97	46.81	48.18	52.70	52.40	54.72	31.46	21.60	10.65	11.54
ORANGEVILLE____ESR 323794	7.04	17.62	4.03	14.36	15.92	19.92	4.00	0.69	-4.65	-0.97	-4.38	-3.73	-4.89	-5.10	-5.70	-4.66	-2.98	-2.06	1.59	6.71	25.20	25.20	28.52	23.62
	-4.44	-3.45	-3.20	-3.09	-3.11	-3.26	-3.40	-3.34	-3.39	-3.04	-3.15	-3.21	-3.55	-3.57	-3.78	-4.27	-4.58	-5.07	-6.06	-6.60	-5.67	-4.91	-4.45	-4.08
	29.26	14.52	25.43	13.80	12.38	10.47	33.52	37.23	41.58	34.60	36.97	37.01	40.74	41.21	43.97	46.81	48.18	52.70	52.40	54.72	31.46	21.60	10.65	11.54

OSWEGATCHIE___HYD 24044	40.00 -0.73 0.00	34.78 -0.82 0.00	31.98 -0.69 0.00	30.63 -0.62 0.00	30.72 -0.69 0.00	33.07 -0.57 0.00	40.10 -0.82 0.00	40.36 -0.91 0.00	39.11 -1.21 0.00	35.24 -1.43 0.00	34.27 -1.47 0.00	34.89 -1.60 0.00	37.70 -1.69 0.00	37.97 -1.70 0.00	39.99 -2.06 0.00	44.10 -2.32 0.00	47.34 -2.44 0.00	53.26 -2.45 0.00	57.71 -2.34 0.00	65.64 -2.38 0.00	60.39 -1.93 0.00	50.47 -1.24 0.00	42.62 -1.00 0.00	38.37 -0.86 0.00
OSWEGO___5 23606	39.51 -1.22 0.00	34.64 -0.96 0.00	31.79 -0.88 0.00	30.38 -0.87 0.00	30.56 -0.85 0.00	32.74 -0.91 0.00	39.89 -1.02 0.00	40.23 -1.03 0.00	39.23 -1.09 0.00	35.72 -0.95 0.00	34.81 -0.93 0.00	35.54 -0.95 0.00	38.25 -1.14 0.00	38.41 -1.27 0.00	40.75 -1.30 0.00	48.48 -1.39 -3.45	53.29 -1.54 -5.06	61.48 -1.73 -7.50	66.80 -1.86 -8.61	75.14 -2.04 -9.16	68.63 -1.81 -8.11	56.07 -1.55 -5.91	45.10 -1.40 -2.88	38.09 -1.14 0.00
OSWEGO___6 23613	39.51 -1.22 0.00	34.64 -0.96 0.00	31.79 -0.88 0.00	30.38 -0.87 0.00	30.56 -0.85 0.00	32.74 -0.91 0.00	39.89 -1.02 0.00	40.23 -1.03 0.00	39.23 -1.09 0.00	35.72 -0.95 0.00	34.81 -0.93 0.00	35.54 -0.95 0.00	38.25 -1.14 0.00	38.41 -1.27 0.00	40.75 -1.30 0.00	48.48 -1.39 -3.45	53.29 -1.54 -5.06	61.48 -1.73 -7.50	66.80 -1.86 -8.61	75.14 -2.04 -9.16	68.63 -1.81 -8.11	56.07 -1.55 -5.91	45.10 -1.40 -2.88	38.09 -1.14 0.00
OUTOKUMPU-AB___DRP 24206	24.80 -5.21 10.72	25.60 -4.13 5.87	19.78 -3.89 9.00	20.62 -3.81 6.82	21.49 -3.80 6.11	24.47 -4.00 5.17	20.82 -4.46 15.64	20.15 -4.46 16.65	23.07 -4.52 12.73	22.36 -3.92 10.39	20.36 -4.07 11.30	21.16 -4.05 11.28	22.38 -4.53 12.48	22.48 -4.56 12.64	22.46 -5.00 14.59	25.73 -5.43 15.26	27.83 -5.62 16.32	30.98 -6.46 18.26	35.33 -7.03 17.70	41.67 -7.82 18.53	43.92 -6.98 11.42	37.87 -5.95 7.89	32.94 -5.37 5.32	28.89 -4.90 5.44
OXBOW___BTM 323836	24.66 -5.54 10.53	25.47 -4.38 5.75	19.79 -4.08 8.79	20.53 -4.00 6.72	21.39 -3.99 6.03	24.35 -4.21 5.09	20.86 -4.75 15.31	20.28 -4.71 16.28	20.76 -4.76 14.80	20.25 -4.11 12.31	18.40 -4.18 13.16	19.09 -4.23 13.17	20.12 -4.77 14.50	20.21 -4.80 14.67	20.01 -5.22 16.83	22.96 -5.90 17.57	26.57 -5.97 17.23	29.56 -6.91 19.24	35.55 -7.51 17.00	41.86 -8.37 17.79	43.79 -7.61 10.93	37.81 -6.36 7.54	32.81 -5.63 5.19	28.66 -5.18 5.39
OXBOW___ 24026	24.70 -5.50 10.53	25.51 -4.34 5.75	19.76 -4.12 8.79	20.53 -4.00 6.72	21.39 -3.99 6.03	24.35 -4.21 5.09	20.86 -4.75 15.31	20.28 -4.70 16.28	23.29 -4.72 12.31	22.52 -4.11 10.04	20.56 -4.25 10.93	21.36 -4.23 10.90	22.55 -4.77 12.07	22.66 -4.80 12.22	22.64 -5.26 14.16	25.91 -5.71 14.81	27.88 -5.97 15.92	30.99 -6.91 17.81	35.32 -7.51 17.23	41.54 -8.43 18.04	43.57 -7.60 11.15	37.65 -6.36 7.70	32.64 -5.71 5.26	28.66 -5.39 5.39
OXY_CHEM_DSASP 323612	24.57 -5.83 10.34	25.35 -4.63 5.62	19.74 -4.34 8.58	20.38 -4.25 6.62	21.26 -4.21 5.94	24.19 -4.44 5.02	20.87 -5.07 14.97	20.38 -4.99 15.89	23.44 -5.00 11.88	22.62 -4.36 9.68	20.77 -4.43 10.54	21.48 -4.49 10.52	22.74 -5.00 11.65	22.81 -5.08 11.79	22.79 -5.55 13.71	26.05 -6.03 14.34	27.85 -6.42 15.51	30.96 -7.41 17.34	35.20 -8.11 16.75	41.30 -9.18 17.54	43.16 -8.29 10.88	37.33 -6.88 7.50	32.30 -6.11 5.21	28.35 -5.53 5.35
OZONE_PARK_ESR 323760	44.37 3.67 0.03	38.87 3.28 0.00	35.51 2.84 0.00	34.00 2.75 0.00	34.08 2.67 0.00	36.17 2.52 0.00	43.90 2.99 0.00	44.61 3.34 0.00	43.95 3.63 0.00	40.12 3.45 0.00	39.63 3.43 -0.46	42.15 3.58 -2.08	48.52 3.98 -5.15	54.17 4.17 -10.32	58.37 4.54 -11.78	65.68 5.06 -14.20	66.85 5.48 -11.59	77.22 6.13 -15.38	79.18 6.55 -12.58	74.82 6.80 0.00	67.93 5.61 0.00	56.16 4.45 -0.01	48.51 3.88 -1.00	42.39 3.18 0.02
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	24.57 -5.83 10.34	25.35 -4.63 5.62	19.74 -4.34 8.58	20.38 -4.25 6.62	21.26 -4.21 5.94	24.19 -4.44 5.02	20.87 -5.07 14.97	20.38 -4.99 15.89	23.44 -5.00 11.88	22.62 -4.36 9.68	20.77 -4.43 10.54	21.48 -4.49 10.52	22.74 -5.00 11.65	22.81 -5.08 11.79	22.79 -5.55 13.71	26.05 -6.03 14.34	27.85 -6.42 15.51	30.96 -7.41 17.34	35.20 -8.11 16.75	41.30 -9.18 17.54	43.16 -8.29 10.88	37.33 -6.88 7.50	32.30 -6.11 5.21	28.35 -5.53 5.35
PACKARD___115KV_DUPONT_184 80571	24.53 -5.87 10.34	25.32 -4.66 5.62	19.74 -4.34 8.58	20.41 -4.22 6.62	21.29 -4.18 5.94	24.19 -4.44 5.02	20.87 -5.07 14.97	20.37 -4.99 15.89	20.99 -5.00 14.33	20.38 -4.36 11.92	18.63 -4.36 12.74	19.24 -4.49 12.76	20.35 -5.00 14.04	20.40 -5.08 14.20	20.15 -5.55 16.35	23.09 -6.27 17.06	26.56 -6.42 16.80	29.55 -7.41 18.75	35.43 -8.11 16.52	41.61 -9.11 17.29	43.37 -8.29 10.66	37.49 -6.88 7.34	32.47 -6.02 5.13	28.36 -5.53 5.35
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	44.25 3.54 0.02	38.74 3.13 -0.01	35.42 2.74 -0.01	33.98 2.72 -0.01	34.05 2.64 -0.01	36.07 2.42 0.00	43.53 2.62 0.00	44.07 2.81 0.00	43.38 3.06 0.00	39.64 2.97 0.00	39.14 2.93 -0.47	39.87 3.07 -0.31	48.03 3.43 -5.21	53.73 3.61 -10.44	46.16 3.87 -0.24	64.98 4.22 -14.34	58.81 4.58 -4.45	76.33 5.24 -15.38	78.28 5.65 -12.58	73.80 5.78 0.00	66.75 4.43 0.00	55.64 3.93 -0.01	48.34 3.71 -1.01	42.32 3.10 0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	45.03 4.32 0.02	39.41 3.81 -0.01	36.04 3.36 -0.01	34.54 3.28 -0.01	34.62 3.20 -0.01	36.64 2.99 0.00	44.19 3.27 0.00	44.73 3.47 0.00	43.99 3.67 0.00	40.16 3.48 0.00	39.64 3.43 -0.47	40.38 3.58 -0.31	48.58 3.98 -5.21	54.24 4.13 -10.44	46.75 4.46 -0.24	65.63 4.87 -14.34	59.56 5.33 -4.45	77.16 6.07 -15.38	79.18 6.55 -12.58	74.89 6.87 0.00	67.75 5.42 0.00	56.47 4.76 -0.01	48.99 4.36 -1.01	42.87 3.65 0.01
PATROON___115KV_TB1 80586	42.08 1.34 0.00	36.84 1.25 0.00	33.78 1.11 0.00	32.31 1.06 0.00	32.44 1.04 0.00	34.65 1.01 0.00	41.90 0.98 0.00	42.09 0.83 0.00	41.21 0.89 0.00	37.48 0.81 0.00	36.56 0.82 0.00	37.26 0.77 0.00	40.30 0.91 0.00	40.63 0.95 0.00	43.06 1.01 0.00	47.41 1.07 0.08	50.94 1.34 0.18	56.47 1.39 0.63	61.22 1.68 0.52	69.99 1.97 0.00	64.26 1.93 0.00	53.32 1.55 -0.06	48.33 1.35 -3.36	40.45 1.22 0.00
PATTRSNVILLE___SOLAR 323815	42.49 1.75 0.00	37.16 1.56 0.00	34.10 1.44 0.00	32.59 1.34 0.00	32.76 1.35 0.00	35.03 1.38 0.00	42.39 1.47 0.00	42.46 1.20 0.00	41.25 0.93 0.00	37.29 0.62 0.00	36.24 0.50 0.00	36.93 0.44 0.00	39.90 0.51 0.00	40.27 0.60 0.00	42.64 0.59 0.00	47.06 0.74 0.11	50.55 1.00 0.23	56.32 1.39 0.78	61.46 2.04 0.64	70.87 2.86 0.00	65.25 2.93 0.00	54.18 2.38 -0.09	50.36 1.96 -4.77	40.92 1.69 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	25.42 -3.71 11.61	26.68 -2.81 6.11	20.32 -2.68 9.67	21.84 -2.66 6.76	22.36 -2.98 6.06	25.36 -3.16 5.12	20.41 -3.27 17.23	19.42 -3.34 18.50	22.45 -3.43 14.44	21.98 -2.93 11.76	19.78 -3.15 12.82	20.64 -3.07 12.78	21.72 -3.51 14.16	21.85 -3.49 14.34	21.95 -3.83 16.27	25.17 -4.13 17.12	27.77 -3.78 18.23	31.07 -4.40 20.24	36.28 -4.44 19.33	42.89 -4.90 20.23	45.67 -4.30 12.35	39.29 -3.88 8.54	34.67 -3.62 5.33	30.36 -3.37 5.50

PAWLING_115_KV_BK3_REV_LBMP_H 345028	43.84 3.14 0.03	38.48 2.88 0.00	35.18 2.52 0.00	33.69 2.44 0.00	33.76 2.36 0.00	35.87 2.22 0.00	43.57 2.66 0.00	44.07 2.81 0.00	43.26 2.94 0.00	39.38 2.71 0.00	38.42 2.68 0.00	39.26 2.77 0.00	42.54 3.15 0.00	43.09 3.41 0.00	45.75 3.70 0.00	52.51 4.13 -1.96	58.67 4.48 -4.41	76.29 5.24 -15.34	78.44 5.83 -12.56	74.07 6.05 0.00	67.56 5.24 0.00	55.54 3.83 -0.01	48.07 3.40 -1.04	41.92 2.71 0.02
PEEKSKILL____ 23653	43.51 2.81 0.03	38.13 2.53 0.00	34.86 2.19 0.00	33.38 2.13 0.00	33.45 2.04 0.00	35.53 1.88 0.00	43.25 2.33 0.00	43.82 2.56 0.00	43.06 2.74 0.00	39.24 2.57 0.00	38.31 2.57 0.00	39.19 2.70 0.00	42.42 3.03 0.00	42.93 3.25 0.00	45.54 3.49 0.00	52.29 3.94 -1.93	58.32 4.23 -4.31	75.42 4.73 -14.98	77.36 5.05 -12.26	73.19 5.17 0.00	66.69 4.36 0.00	55.03 3.31 -0.01	47.54 2.92 -0.99	41.61 2.39 0.02
PGE MADISON__WINDPWR 24146	44.77 1.51 -2.53	39.27 1.39 -2.29	36.92 1.34 -2.92	35.88 1.34 -3.28	35.61 1.26 -2.94	37.65 1.51 -2.49	48.09 1.76 -5.42	48.44 1.69 -5.48	44.05 0.85 -2.88	39.19 0.18 -2.34	38.19 -0.11 -2.56	39.00 -0.04 -2.55	42.18 -0.04 -2.83	42.70 0.16 -2.86	45.92 -0.04 -3.91	49.47 0.00 -3.05	52.92 -0.05 -3.19	60.31 0.78 -3.82	64.62 1.20 -3.36	72.52 1.56 -2.94	65.33 1.56 -1.45	53.86 1.19 -0.96	46.43 0.65 -2.15	41.77 0.59 -1.95
PIERCEFIELD____HYD 23852	39.92 -0.81 0.00	34.71 -0.89 0.00	31.88 -0.78 0.00	30.53 -0.72 0.00	30.62 -0.79 0.00	32.97 -0.67 0.00	40.01 -0.90 0.00	40.36 -0.91 0.00	39.27 -1.05 0.00	35.46 -1.21 0.00	34.56 -1.18 0.00	35.07 -1.42 0.00	37.97 -1.42 0.00	38.17 -1.51 0.00	40.20 -1.85 0.00	44.38 -2.04 0.00	47.54 -2.24 0.00	53.20 -2.51 0.00	57.41 -2.64 0.00	65.43 -2.58 0.00	60.21 -2.12 0.00	50.47 -1.24 0.00	42.88 -0.74 0.00	38.57 -0.67 0.00
PINELAWN_CC_I 323563	45.20 4.11 -0.35	39.30 3.70 0.00	35.57 2.91 0.00	33.97 2.72 0.00	33.92 2.51 0.00	36.14 2.49 0.00	44.07 3.15 0.00	45.19 3.92 0.00	44.46 4.07 -0.07	40.58 3.78 -0.13	46.40 3.57 -7.09	44.72 3.65 -4.58	48.16 3.98 -4.80	49.23 4.20 -5.34	49.53 4.46 -3.03	53.17 4.78 -1.96	59.39 5.23 -4.39	76.15 5.18 -15.26	78.37 5.82 -12.49	74.27 6.25 0.00	66.81 4.49 0.00	55.90 4.19 0.00	48.77 4.15 -1.00	43.67 3.61 -0.83
PJM_GEN_HTP_PROXY 323702	43.92 3.22 0.03	38.52 2.92 0.00	35.15 2.48 0.00	33.69 2.44 0.00	33.76 2.36 0.00	35.83 2.19 0.00	43.57 2.66 0.00	44.27 3.01 0.00	43.55 3.23 0.00	39.75 3.08 0.00	39.30 3.11 -0.45	41.78 3.25 -2.04	48.04 3.58 -5.06	53.63 3.81 -10.14	57.75 4.12 -11.57	65.00 4.60 -13.98	66.19 4.98 -11.43	76.44 5.46 -15.27	78.31 5.77 -12.48	74.01 5.99 0.00	67.25 4.92 0.00	55.59 3.88 -0.01	48.03 3.40 -1.00	42.00 2.79 0.02
PJM_GEN_KEystone 24065	36.98 -0.57 3.18	34.09 -0.29 1.22	29.99 -0.39 2.28	29.84 -0.41 1.01	30.00 -0.50 0.90	32.21 -0.67 0.76	28.25 -0.90 11.76	31.00 -0.79 9.48	32.74 -0.72 6.85	30.45 -0.51 5.70	29.14 -0.54 6.06	30.02 -0.51 5.96	32.45 -0.59 6.35	33.13 -0.47 6.07	34.67 -0.50 6.88	39.56 -0.55 6.31	45.15 -0.05 4.58	55.17 -0.17 0.37	61.15 0.18 -0.91	62.15 -0.07 5.80	58.42 -0.25 3.65	48.64 -0.52 2.55	42.45 -0.61 0.56	37.46 -0.67 1.10
PJM_GEN_NEPTUNE_PROXY 323594	44.55 3.46 -0.35	38.73 3.13 0.00	35.15 2.48 0.00	33.60 2.34 0.00	33.57 2.17 0.00	35.73 2.09 0.00	43.54 2.62 0.00	44.57 3.30 0.00	43.86 3.47 -0.07	40.06 3.26 -0.13	45.94 3.11 -7.09	44.29 3.21 -4.58	47.69 3.50 -4.80	48.63 3.69 -5.26	48.97 3.95 -2.97	52.65 4.27 -1.95	58.75 4.58 -4.39	75.48 4.51 -15.25	77.59 5.05 -12.49	73.33 5.31 0.00	66.13 3.80 0.00	55.33 3.62 0.00	48.16 3.53 -1.00	43.12 3.06 -0.83
PJM_GEN_VFT_PROXY 323633	43.84 3.14 0.03	38.45 2.85 0.00	35.12 2.45 0.00	33.66 2.41 0.00	33.70 2.29 0.00	35.77 2.12 0.00	43.49 2.58 0.00	44.19 2.93 0.00	43.50 3.18 0.00	39.71 3.04 0.00	39.24 3.04 -0.46	41.74 3.17 -2.08	48.05 3.50 -5.15	53.73 3.73 -10.32	57.87 4.04 -11.78	65.12 4.50 -14.20	66.17 4.83 -11.56	76.33 5.35 -15.27	78.18 5.64 -12.48	73.87 5.85 0.00	67.06 4.73 0.00	55.49 3.77 -0.01	47.94 3.31 -1.00	41.92 2.70 0.02
PLATSBURG_115KV_PMLD1 355749	40.00 -0.73 0.00	34.81 -0.78 0.00	32.05 -0.62 0.00	30.66 -0.59 0.00	30.75 -0.66 0.00	33.07 -0.57 0.00	40.22 -0.70 0.00	40.52 -0.74 0.00	39.59 -0.73 0.00	35.86 -0.81 0.00	34.92 -0.82 0.00	35.69 -0.80 0.00	38.64 -0.75 0.00	38.96 -0.71 0.00	41.21 -0.84 0.00	45.54 -0.88 0.00	48.83 -0.95 0.00	54.60 -1.11 0.00	58.80 -1.26 0.00	66.93 -1.09 0.00	61.33 -1.00 0.00	51.09 -0.62 0.00	43.05 -0.57 0.00	38.84 -0.39 0.00
PLEASANTVLY____LBMP 24000	43.23 2.53 0.03	37.88 2.28 0.00	34.66 1.99 0.00	33.19 1.94 0.00	33.29 1.88 0.00	35.36 1.72 0.00	42.92 2.00 0.00	43.45 2.19 0.00	42.70 2.38 0.00	38.94 2.27 0.00	38.03 2.29 0.00	38.86 2.37 0.00	42.03 2.64 0.00	42.49 2.82 0.00	45.12 3.07 0.00	51.94 3.39 -2.12	58.25 3.68 -4.79	76.47 4.12 -16.64	78.06 4.38 -13.62	72.51 4.49 0.00	66.13 3.80 0.00	54.66 2.95 -0.01	47.28 2.62 -1.05	41.33 2.12 0.02
PLSNTVLE_13_KV_13.8KVDIST 80602	43.64 2.93 0.03	38.23 2.63 0.00	34.99 2.32 0.00	33.47 2.22 0.00	33.57 2.17 0.00	35.66 2.02 0.00	43.29 2.37 0.00	43.86 2.60 0.00	43.18 2.86 0.00	39.35 2.68 0.00	38.46 2.72 0.00	39.34 2.85 0.00	42.54 3.15 0.00	43.01 3.33 0.00	45.71 3.66 0.00	52.45 4.04 -1.98	58.63 4.38 -4.47	76.21 4.96 -15.54	78.07 5.28 -12.72	73.46 5.44 0.00	66.87 4.55 0.00	55.23 3.52 -0.01	47.73 3.10 -1.01	41.72 2.51 0.02
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	43.64 2.93 0.03	38.23 2.63 0.00	34.99 2.32 0.00	33.47 2.22 0.00	33.57 2.17 0.00	35.66 2.02 0.00	43.29 2.37 0.00	43.86 2.60 0.00	43.18 2.86 0.00	39.35 2.68 0.00	38.46 2.72 0.00	39.34 2.85 0.00	42.54 3.15 0.00	43.01 3.33 0.00	45.71 3.66 0.00	52.45 4.04 -1.98	58.63 4.38 -4.47	76.21 4.96 -15.54	78.07 5.28 -12.72	73.46 5.44 0.00	66.87 4.55 0.00	55.23 3.52 -0.01	47.73 3.10 -1.01	41.72 2.51 0.02
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	43.60 2.89 0.03	38.16 2.56 0.00	34.92 2.25 0.00	33.44 2.19 0.00	33.51 2.10 0.00	35.63 1.99 0.00	43.25 2.33 0.00	43.70 2.43 0.00	42.86 2.54 0.00	39.09 2.42 0.00	38.13 2.39 0.00	38.97 2.48 0.00	42.23 2.84 0.00	42.65 2.98 0.00	45.42 3.36 0.00	52.12 3.76 -1.94	58.14 3.98 -4.38	75.54 4.62 -15.21	77.55 5.04 -12.45	73.32 5.31 0.00	66.94 4.61 0.00	55.23 3.52 -0.01	47.90 3.10 -1.18	41.65 2.43 0.02
POLETTI____ 23519	43.96 3.26 0.03	38.55 2.95 0.00	35.22 2.55 0.00	33.75 2.50 0.00	33.83 2.42 0.00	35.87 2.22 0.00	43.53 2.62 0.00	44.19 2.93 0.00	43.54 3.23 0.00	39.75 3.08 0.00	39.28 3.07 -0.46	41.80 3.21 -2.09	48.13 3.55 -5.19	53.81 3.73 -10.40	57.96 4.04 -11.87	65.22 4.50 -14.29	66.30 4.88 -11.65	76.55 5.46 -15.38	78.40 5.77 -12.58	74.00 5.99 0.00	67.19 4.86 0.00	55.59 3.88 -0.01	48.07 3.45 -1.00	42.00 2.79 0.02

POMONA___ESR 323819	43.47 2.77 0.03	38.09 2.49 0.00	34.79 2.12 0.00	33.31 2.06 0.00	33.39 1.98 0.00	35.49 1.85 0.00	43.20 2.29 0.00	43.78 2.52 0.00	42.98 2.66 0.00	39.20 2.53 0.00	38.28 2.54 0.00	39.15 2.66 0.00	42.35 2.96 0.00	42.85 3.18 0.00	45.54 3.49 0.00	52.17 3.90 -1.85	58.15 4.23 -4.14	74.83 4.73 -14.39	76.88 5.05 -11.78	73.19 5.17 0.00	66.69 4.36 0.00	55.03 3.31 -0.01	47.47 2.88 -0.97	41.57 2.35 0.02
PORT_JEFF_3 23555	45.20 4.11 -0.35	39.37 3.77 0.00	35.61 2.94 0.00	33.97 2.72 0.00	33.89 2.48 0.00	36.17 2.52 0.00	44.02 3.11 0.00	45.31 4.05 0.00	44.66 4.27 -0.07	40.76 3.96 -0.13	46.40 3.57 -7.09	44.61 3.54 -4.58	48.12 3.94 -4.80	49.18 4.20 -5.29	49.42 4.37 -2.99	53.02 4.64 -1.96	59.19 5.03 -4.39	75.53 4.57 -15.25	77.71 5.17 -12.49	73.52 5.51 0.00	66.00 3.68 0.00	55.64 3.93 0.00	48.59 3.97 -1.00	43.55 3.49 -0.83
PORT_JEFF_4 23616	45.20 4.11 -0.35	39.37 3.77 0.00	35.61 2.94 0.00	33.97 2.72 0.00	33.89 2.48 0.00	36.17 2.52 0.00	44.02 3.11 0.00	45.31 4.05 0.00	44.66 4.27 -0.07	40.76 3.96 -0.13	46.40 3.57 -7.09	44.61 3.54 -4.58	48.12 3.94 -4.80	49.18 4.20 -5.29	49.42 4.37 -2.99	53.02 4.64 -1.96	59.19 5.03 -4.39	75.53 4.57 -15.25	77.71 5.17 -12.49	73.52 5.51 0.00	66.00 3.68 0.00	55.64 3.93 0.00	48.59 3.97 -1.00	43.55 3.49 -0.83
PORT_JEFF_IC 23713	45.28 4.20 -0.35	39.34 3.74 0.00	35.71 3.04 0.00	34.03 2.78 0.00	33.98 2.58 0.00	36.27 2.62 0.00	43.66 2.74 0.00	44.94 3.67 0.00	44.75 4.35 -0.07	40.83 4.03 -0.13	46.47 3.65 -7.09	44.69 3.61 -4.58	48.24 4.06 -4.80	49.22 4.25 -5.30	49.50 4.46 -2.99	53.07 4.69 -1.96	59.13 4.93 -4.42	75.87 4.79 -15.37	77.98 5.35 -12.58	73.80 5.78 0.00	66.25 3.93 0.00	55.79 4.08 0.00	48.64 4.01 -1.00	43.63 3.57 -0.83
PPL PILGRIM_ST_GT1 24216	45.40 4.32 -0.35	39.51 3.92 0.00	35.77 3.11 0.00	34.12 2.87 0.00	34.08 2.67 0.00	36.30 2.66 0.00	44.27 3.36 0.00	45.47 4.21 0.00	44.75 4.36 -0.07	40.83 4.03 -0.13	46.58 3.75 -7.09	44.87 3.79 -4.58	48.32 4.13 -4.80	49.34 4.36 -5.30	49.68 4.63 -3.00	53.25 4.87 -1.96	59.50 5.33 -4.39	75.98 5.02 -15.25	78.19 5.64 -12.49	74.14 6.12 0.00	66.62 4.30 0.00	56.00 4.29 0.00	48.94 4.32 -1.00	43.86 3.80 -0.83
PPL PILGRIM_ST_GT2 24217	45.40 4.32 -0.35	39.51 3.92 0.00	35.77 3.11 0.00	34.12 2.87 0.00	34.08 2.67 0.00	36.30 2.66 0.00	44.27 3.36 0.00	45.47 4.21 0.00	44.75 4.36 -0.07	40.83 4.03 -0.13	46.58 3.75 -7.09	44.87 3.79 -4.58	48.32 4.13 -4.80	49.34 4.36 -5.30	49.68 4.63 -3.00	53.25 4.87 -1.96	59.50 5.33 -4.39	75.98 5.02 -15.25	78.19 5.64 -12.49	74.14 6.12 0.00	66.62 4.30 0.00	56.00 4.29 0.00	48.94 4.32 -1.00	43.86 3.80 -0.83
PPL_SHRM_GT3 24213	45.12 4.03 -0.35	39.33 3.74 0.00	35.57 2.91 0.00	33.91 2.65 0.00	33.83 2.42 0.00	36.24 2.59 0.00	43.94 3.03 0.00	45.43 4.17 0.00	44.91 4.51 -0.07	40.98 4.18 -0.13	46.26 3.43 -7.09	44.43 3.36 -4.58	48.09 3.90 -4.80	49.18 4.20 -5.29	49.12 4.08 -2.99	52.74 4.36 -1.96	59.00 4.83 -4.39	75.48 4.51 -15.25	77.71 5.17 -12.49	73.46 5.44 0.00	65.88 3.55 0.00	55.38 3.67 0.00	48.29 3.66 -1.00	43.20 3.14 -0.83
PPL_SHRM_GT4 24214	45.12 4.03 -0.35	39.33 3.74 0.00	35.57 2.91 0.00	33.91 2.65 0.00	33.83 2.42 0.00	36.24 2.59 0.00	43.94 3.03 0.00	45.43 4.17 0.00	44.91 4.51 -0.07	40.98 4.18 -0.13	46.26 3.43 -7.09	44.43 3.36 -4.58	48.09 3.90 -4.80	49.18 4.20 -5.29	49.12 4.08 -2.99	52.74 4.36 -1.96	59.00 4.83 -4.39	75.48 4.51 -15.25	77.71 5.17 -12.49	73.46 5.44 0.00	65.88 3.55 0.00	55.38 3.67 0.00	48.29 3.66 -1.00	43.20 3.14 -0.83
PROJECT___ORANGE 1 24174	40.00 -0.73 0.00	35.06 -0.53 0.00	32.18 -0.49 0.00	30.75 -0.50 0.00	30.94 -0.47 0.00	33.14 -0.50 0.00	40.42 -0.49 0.00	40.77 -0.50 0.00	39.75 -0.56 0.00	36.19 -0.48 0.00	35.24 -0.50 0.00	36.02 -0.47 0.00	38.80 -0.59 0.00	39.04 -0.63 0.00	41.38 -0.67 0.00	45.18 -0.74 0.50	48.16 -0.90 0.73	53.68 -0.95 1.08	57.81 -1.02 1.23	65.69 -1.02 1.31	60.23 -0.93 1.16	49.99 -0.88 0.84	42.34 -0.87 0.41	38.53 -0.71 0.00
PROJECT___ORANGE 2 24166	40.00 -0.73 0.00	35.06 -0.53 0.00	32.18 -0.49 0.00	30.75 -0.50 0.00	30.94 -0.47 0.00	33.14 -0.50 0.00	40.42 -0.49 0.00	40.77 -0.50 0.00	39.75 -0.56 0.00	36.19 -0.48 0.00	35.24 -0.50 0.00	36.02 -0.47 0.00	38.80 -0.59 0.00	39.04 -0.63 0.00	41.38 -0.67 0.00	45.18 -0.74 0.50	48.16 -0.90 0.73	53.68 -0.95 1.08	57.81 -1.02 1.23	65.69 -1.02 1.31	60.23 -0.93 1.16	49.99 -0.88 0.84	42.34 -0.87 0.41	38.53 -0.71 0.00
PUCKETT___SOLAR 323809	43.05 0.49 -1.83	37.94 0.53 -1.81	35.40 0.49 -2.24	34.37 0.47 -2.65	34.22 0.44 -2.38	36.12 0.47 -2.01	46.79 0.98 -4.90	47.12 0.91 -4.95	44.18 0.61 -3.25	39.74 0.37 -2.71	38.85 0.22 -2.89	39.64 0.26 -2.90	42.81 0.24 -3.19	43.22 0.32 -3.22	46.62 0.33 -4.24	50.30 0.42 -3.46	52.25 -0.05 -2.52	59.04 0.22 -3.11	62.12 0.06 -2.00	69.78 0.27 -1.49	63.28 0.38 -0.58	52.18 0.10 -0.37	45.09 -0.17 -1.64	40.48 -0.20 -1.44
PYRITES___HYD 24023	40.61 -0.12 0.00	35.28 -0.32 0.00	32.44 -0.23 0.00	31.06 -0.19 0.00	31.12 -0.28 0.00	33.58 -0.07 0.00	40.67 -0.25 0.00	40.93 -0.33 0.00	39.71 -0.60 0.00	35.79 -0.88 0.00	34.85 -0.89 0.00	35.40 -1.09 0.00	38.37 -1.02 0.00	38.61 -1.07 0.00	40.71 -1.35 0.00	44.94 -1.49 0.00	48.14 -1.64 0.00	53.93 -1.78 0.00	58.43 -1.62 0.00	66.66 -1.36 0.00	61.39 -0.93 0.00	51.40 -0.31 0.00	43.53 -0.09 0.00	39.19 -0.04 0.00
QUAKERRD_115KV_BK1 80622	34.95 -3.58 2.20	28.53 -2.88 4.18	26.26 -2.68 3.73	21.00 -2.63 7.62	22.06 -2.51 6.83	25.25 -2.62 5.77	28.06 -3.07 9.79	29.01 -3.05 9.20	36.43 -3.14 0.74	33.44 -2.75 0.48	32.37 -2.72 0.65	33.13 -2.74 0.62	35.58 -3.07 0.74	35.75 -3.17 0.75	35.12 -3.45 3.48	40.67 -3.71 2.04	43.17 -3.98 2.63	47.63 -4.51 3.57	52.20 -4.80 3.05	59.74 -5.03 3.24	54.92 -4.55 2.86	45.65 -3.98 2.08	34.98 -3.66 4.97	31.72 -3.30 4.21
QUENSBRY_115KV_TB8 356137	44.03 3.30 0.00	38.59 2.99 0.00	35.35 2.68 0.00	33.75 2.50 0.00	33.95 2.54 0.00	36.30 2.66 0.00	43.90 2.99 0.00	43.86 2.60 0.00	42.66 2.34 0.00	38.61 1.94 0.00	37.60 1.86 0.00	37.91 1.42 0.00	40.93 1.54 0.00	41.11 1.43 0.00	43.36 1.30 0.00	48.37 2.04 0.10	52.20 2.64 0.22	58.47 3.51 0.75	63.94 4.50 0.62	74.34 6.33 0.00	68.68 6.36 0.00	56.91 5.12 -0.08	52.32 4.14 -4.56	42.72 3.49 0.00
RAMAPO___LBMP 323565	43.31 2.61 0.03	37.95 2.35 0.00	34.69 2.03 0.00	33.19 1.94 0.00	33.29 1.88 0.00	35.40 1.75 0.00	43.00 2.09 0.00	43.57 2.31 0.00	42.86 2.54 0.00	39.05 2.38 0.00	38.13 2.39 0.00	39.01 2.52 0.00	42.23 2.84 0.00	42.65 2.98 0.00	45.33 3.28 0.00	51.87 3.62 -1.83	57.83 3.93 -4.12	74.47 4.46 -14.31	76.45 4.68 -11.71	72.85 4.83 0.00	66.31 3.99 0.00	54.77 3.05 -0.01	47.29 2.70 -0.97	41.37 2.16 0.02

RANKINE____ 23646	23.51 -4.68 12.54	25.34 -3.67 6.59	18.65 -3.50 10.52	20.60 -3.41 7.25	21.39 -3.52 6.50	24.49 -3.67 5.49	19.09 -4.05 17.78	18.05 -4.09 19.12	20.64 -4.11 15.57	20.36 -3.59 12.72	18.17 -3.75 13.82	18.94 -3.76 13.79	19.91 -4.21 15.27	19.98 -4.25 15.45	19.99 -4.63 17.43	23.00 -5.06 18.36	25.19 -5.03 19.56	28.29 -5.79 21.63	33.02 -6.13 20.91	39.34 -6.80 21.88	43.06 -5.98 13.28	37.32 -5.22 9.17	33.17 -4.75 5.69	28.97 -4.35 5.90
RAVENSWOOD_GT2_1 24244	43.96 3.26 0.03	38.55 2.95 0.00	35.22 2.55 0.00	33.75 2.50 0.00	33.83 2.42 0.00	35.87 2.22 0.00	43.53 2.62 0.00	44.19 2.93 0.00	43.54 3.23 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.80 3.21 -2.10	48.15 3.55 -5.21	53.85 3.73 -10.44	58.00 4.04 -11.91	65.21 4.46 -14.34	66.33 4.88 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	74.00 5.99 0.00	67.19 4.86 0.00	55.59 3.88 -0.01	48.07 3.45 -1.00	42.00 2.79 0.02
RAVENSWOOD_GT2_2 24245	43.96 3.26 0.03	38.55 2.95 0.00	35.22 2.55 0.00	33.75 2.50 0.00	33.83 2.42 0.00	35.87 2.22 0.00	43.53 2.62 0.00	44.19 2.93 0.00	43.54 3.23 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.80 3.21 -2.10	48.15 3.55 -5.21	53.85 3.73 -10.44	58.00 4.04 -11.91	65.21 4.46 -14.34	66.33 4.88 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	74.00 5.99 0.00	67.19 4.86 0.00	55.59 3.88 -0.01	48.07 3.45 -1.00	42.00 2.79 0.02
RAVENSWOOD_GT2_3 24246	43.96 3.26 0.03	38.55 2.95 0.00	35.25 2.58 0.00	33.75 2.50 0.00	33.83 2.42 0.00	35.90 2.25 0.00	43.53 2.62 0.00	44.23 2.97 0.00	43.54 3.23 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.80 3.21 -2.10	48.19 3.58 -5.21	53.89 3.77 -10.44	58.04 4.08 -11.91	65.26 4.50 -14.34	66.38 4.93 -11.67	76.61 5.52 -15.38	78.46 5.83 -12.58	74.00 5.99 0.00	67.25 4.92 0.00	55.64 3.93 -0.01	48.07 3.45 -1.00	42.04 2.82 0.02
RAVENSWOOD_GT2_4 24247	43.96 3.26 0.03	38.55 2.95 0.00	35.25 2.58 0.00	33.75 2.50 0.00	33.83 2.42 0.00	35.90 2.25 0.00	43.53 2.62 0.00	44.23 2.97 0.00	43.54 3.23 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.80 3.21 -2.10	48.19 3.58 -5.21	53.89 3.77 -10.44	58.04 4.08 -11.91	65.26 4.50 -14.34	66.38 4.93 -11.67	76.61 5.52 -15.38	78.46 5.83 -12.58	74.00 5.99 0.00	67.25 4.92 0.00	55.64 3.93 -0.01	48.07 3.45 -1.00	42.04 2.82 0.02
RAVENSWOOD_GT3_1 24248	43.96 3.26 0.03	38.55 2.95 0.00	35.22 2.55 0.00	33.75 2.50 0.00	33.83 2.42 0.00	35.87 2.22 0.00	43.53 2.62 0.00	44.19 2.93 0.00	43.54 3.23 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.80 3.21 -2.10	48.15 3.55 -5.21	53.85 3.73 -10.44	58.00 4.04 -11.91	65.26 4.50 -14.34	66.33 4.88 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	74.00 5.99 0.00	67.19 4.86 0.00	55.59 3.88 -0.01	48.07 3.45 -1.00	42.00 2.79 0.02
RAVENSWOOD_GT3_2 24249	43.96 3.26 0.03	38.55 2.95 0.00	35.22 2.55 0.00	33.75 2.50 0.00	33.83 2.42 0.00	35.87 2.22 0.00	43.53 2.62 0.00	44.19 2.93 0.00	43.54 3.23 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.80 3.21 -2.10	48.15 3.55 -5.21	53.85 3.73 -10.44	58.00 4.04 -11.91	65.26 4.50 -14.34	66.33 4.88 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	74.00 5.99 0.00	67.19 4.86 0.00	55.59 3.88 -0.01	48.07 3.45 -1.00	42.00 2.79 0.02
RAVENSWOOD_GT3_3 24250	44.00 3.30 0.03	38.59 2.99 0.00	35.28 2.61 0.00	33.78 2.53 0.00	33.86 2.45 0.00	35.93 2.29 0.00	43.57 2.66 0.00	44.28 3.01 0.00	43.58 3.27 0.00	39.79 3.12 0.00	39.35 3.15 -0.47	41.84 3.25 -2.10	48.23 3.62 -5.21	53.93 3.81 -10.44	58.08 4.12 -11.91	65.31 4.55 -14.34	66.43 4.98 -11.67	76.66 5.57 -15.38	78.52 5.89 -12.58	74.14 6.12 0.00	67.31 4.99 0.00	55.70 3.98 -0.01	48.11 3.49 -1.00	42.08 2.86 0.02
RAVENSWOOD_GT3_4 24251	44.00 3.30 0.03	38.59 2.99 0.00	35.28 2.61 0.00	33.78 2.53 0.00	33.86 2.45 0.00	35.93 2.29 0.00	43.57 2.66 0.00	44.28 3.01 0.00	43.58 3.27 0.00	39.79 3.12 0.00	39.35 3.15 -0.47	41.84 3.25 -2.10	48.23 3.62 -5.21	53.93 3.81 -10.44	58.08 4.12 -11.91	65.31 4.55 -14.34	66.43 4.98 -11.67	76.66 5.57 -15.38	78.52 5.89 -12.58	74.14 6.12 0.00	67.31 4.99 0.00	55.70 3.98 -0.01	48.11 3.49 -1.00	42.08 2.86 0.02
RAVENSWOOD_GT_1 23729	44.13 3.42 0.02	38.70 3.10 -0.01	35.39 2.71 -0.01	33.89 2.63 -0.01	33.96 2.54 -0.01	36.00 2.36 0.00	43.62 2.70 0.00	44.23 2.97 0.00	43.58 3.27 0.00	39.83 3.15 0.00	39.31 3.11 -0.47	41.88 3.28 -2.10	48.26 3.66 -5.21	53.93 3.81 -10.44	58.04 4.08 -11.91	65.21 4.46 -14.34	66.33 4.88 -11.67	76.61 5.52 -15.38	78.46 5.83 -12.58	74.00 5.99 0.00	67.12 4.80 0.00	55.75 4.03 -0.01	48.30 3.66 -1.01	42.20 2.98 0.01
RAVENSWOOD_GT_10 24258	43.96 3.26 0.03	38.55 2.95 0.00	35.21 2.55 0.00	33.75 2.50 0.00	33.79 2.39 0.00	35.87 2.22 0.00	43.53 2.62 0.00	44.19 2.93 0.00	43.54 3.23 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.80 3.21 -2.10	48.15 3.55 -5.21	53.85 3.73 -10.44	58.00 4.04 -11.91	65.26 4.50 -14.34	66.33 4.88 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	74.00 5.99 0.00	67.19 4.86 0.00	55.59 3.88 -0.01	48.07 3.45 -1.00	42.00 2.79 0.02
RAVENSWOOD_GT_11 24259	43.96 3.26 0.03	38.55 2.95 0.00	35.21 2.55 0.00	33.75 2.50 0.00	33.79 2.39 0.00	35.87 2.22 0.00	43.53 2.62 0.00	44.19 2.93 0.00	43.54 3.23 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.80 3.21 -2.10	48.15 3.55 -5.21	53.85 3.73 -10.44	58.00 4.04 -11.91	65.26 4.50 -14.34	66.33 4.88 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	74.00 5.99 0.00	67.19 4.86 0.00	55.59 3.88 -0.01	48.07 3.45 -1.00	42.00 2.79 0.02
RAVENSWOOD_GT_4 24252	44.01 3.30 0.02	38.60 2.99 -0.01	35.29 2.61 -0.01	33.79 2.53 -0.01	33.87 2.45 -0.01	35.93 2.29 0.00	43.53 2.62 0.00	44.19 2.93 0.00	43.54 3.23 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.80 3.21 -2.10	48.19 3.58 -5.21	53.89 3.77 -10.44	58.04 4.08 -11.91	65.21 4.46 -14.34	66.33 4.88 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	74.00 5.99 0.00	67.19 4.86 0.00	55.64 3.93 -0.01	48.12 3.49 -1.01	42.09 2.86 0.01
RAVENSWOOD_GT_5 24254	44.01 3.30 0.02	38.60 2.99 -0.01	35.29 2.61 -0.01	33.79 2.53 -0.01	33.87 2.45 -0.01	35.93 2.29 0.00	43.53 2.62 0.00	44.19 2.93 0.00	43.54 3.23 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.80 3.21 -2.10	48.19 3.58 -5.21	53.89 3.77 -10.44	58.04 4.08 -11.91	65.21 4.46 -14.34	66.33 4.88 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	74.00 5.99 0.00	67.19 4.86 0.00	55.64 3.93 -0.01	48.12 3.49 -1.01	42.09 2.86 0.01
RAVENSWOOD_GT_6 24253	44.01 3.30 0.02	38.60 2.99 -0.01	35.29 2.61 -0.01	33.79 2.53 -0.01	33.87 2.45 -0.01	35.93 2.29 0.00	43.53 2.62 0.00	44.19 2.93 0.00	43.54 3.23 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.80 3.21 -2.10	48.19 3.58 -5.21	53.89 3.77 -10.44	58.04 4.08 -11.91	65.21 4.46 -14.34	66.33 4.88 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	74.00 5.99 0.00	67.19 4.86 0.00	55.64 3.93 -0.01	48.12 3.49 -1.01	42.09 2.86 0.01

RAVENSWOOD_GT_7 24255	44.01 3.30 0.02	38.60 2.99 -0.01	35.29 2.61 -0.01	33.79 2.53 -0.01	33.87 2.45 -0.01	35.93 2.29 0.00	43.53 2.62 0.00	44.19 2.93 0.00	43.54 3.23 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.80 3.21 -2.10	48.19 3.58 -5.21	53.89 3.77 -10.44	58.04 4.08 -11.91	65.21 4.46 -14.34	66.33 4.88 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	74.00 5.99 0.00	67.19 4.86 0.00	55.64 3.93 -0.01	48.12 3.49 -1.01	42.09 2.86 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.96 3.26 0.03	38.55 2.95 0.00	35.21 2.55 0.00	33.75 2.50 0.00	33.79 2.39 0.00	35.87 2.22 0.00	43.53 2.62 0.00	44.19 2.93 0.00	43.54 3.23 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.80 3.21 -2.10	48.15 3.55 -5.21	53.85 3.73 -10.44	58.00 4.04 -11.91	65.26 4.50 -14.34	66.33 4.88 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	74.00 5.99 0.00	67.19 4.86 0.00	55.59 3.88 -0.01	48.07 3.45 -1.00	42.00 2.79 0.02
RAVENSWOOD_GT_9 24257	43.96 3.26 0.03	38.55 2.95 0.00	35.21 2.55 0.00	33.75 2.50 0.00	33.79 2.39 0.00	35.87 2.22 0.00	43.53 2.62 0.00	44.19 2.93 0.00	43.54 3.23 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.80 3.21 -2.10	48.15 3.55 -5.21	53.85 3.73 -10.44	58.00 4.04 -11.91	65.26 4.50 -14.34	66.33 4.88 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	74.00 5.99 0.00	67.19 4.86 0.00	55.59 3.88 -0.01	48.07 3.45 -1.00	42.00 2.79 0.02
RAVENSWOOD___1 23533	44.13 3.42 0.02	38.70 3.10 -0.01	35.35 2.68 -0.01	33.85 2.59 -0.01	33.93 2.51 -0.01	35.97 2.32 0.00	43.66 2.74 0.00	44.32 3.05 0.00	43.58 3.26 0.00	39.83 3.15 0.00	39.31 3.11 -0.47	41.84 3.25 -2.10	48.22 3.62 -5.21	53.97 3.85 -10.44	58.04 4.08 -11.91	65.31 4.55 -14.34	66.30 4.88 -11.64	76.44 5.46 -15.27	78.36 5.82 -12.48	74.01 5.99 0.00	67.12 4.80 0.00	55.75 4.04 -0.01	48.25 3.62 -1.01	42.20 2.98 0.01
RAVENSWOOD___2 23534	44.13 3.42 0.02	38.70 3.10 -0.01	35.32 2.64 -0.01	33.85 2.59 -0.01	33.93 2.51 -0.01	35.97 2.32 0.00	43.66 2.74 0.00	44.32 3.05 0.00	43.55 3.23 0.00	39.79 3.12 0.00	39.31 3.11 -0.47	41.84 3.25 -2.10	48.22 3.62 -5.21	53.97 3.85 -10.44	58.04 4.08 -11.91	65.31 4.55 -14.34	66.30 4.88 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	74.01 5.99 0.00	67.12 4.80 0.00	55.75 4.04 -0.01	48.25 3.62 -1.01	42.20 2.98 0.01
RAVENSWOOD___3 23535	43.96 3.26 0.03	38.55 2.95 0.00	35.18 2.52 0.00	33.72 2.47 0.00	33.79 2.39 0.00	35.87 2.22 0.00	43.57 2.66 0.00	44.27 3.01 0.00	43.55 3.23 0.00	39.75 3.08 0.00	39.28 3.07 -0.47	41.81 3.21 -2.10	48.15 3.55 -5.21	53.89 3.77 -10.44	58.04 4.08 -11.91	65.31 4.55 -14.34	66.35 4.93 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	74.01 5.99 0.00	67.19 4.86 0.00	55.59 3.88 -0.01	48.07 3.45 -1.00	42.00 2.79 0.02
RAVENSWOOD___4 23820	44.13 3.42 0.03	38.70 3.10 -0.01	35.32 2.64 -0.01	33.85 2.59 -0.01	33.93 2.51 -0.01	35.97 2.32 0.00	43.61 2.70 0.00	44.27 3.01 0.00	43.55 3.23 0.00	39.79 3.12 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.22 3.62 -5.21	53.93 3.81 -10.44	58.04 4.08 -11.91	65.31 4.55 -14.34	66.30 4.88 -11.64	76.44 5.46 -15.27	78.31 5.77 -12.48	74.01 5.99 0.00	67.12 4.80 0.00	55.75 4.04 -0.01	48.25 3.62 -1.01	42.20 2.98 0.01
RCPL_TRUST___DRP 24196	43.96 3.26 0.03	38.55 2.95 0.00	35.22 2.55 0.00	33.75 2.50 0.00	33.83 2.42 0.00	35.90 2.25 0.00	43.62 2.70 0.00	44.28 3.01 0.00	43.63 3.31 0.00	39.83 3.15 0.00	39.37 3.18 -0.45	41.85 3.32 -2.04	48.12 3.66 -5.06	53.67 3.85 -10.14	57.83 4.21 -11.57	65.05 4.64 -13.98	66.32 5.08 -11.47	76.66 5.57 -15.38	78.52 5.89 -12.58	74.14 6.12 0.00	67.31 4.99 0.00	55.64 3.93 -0.01	48.11 3.49 -1.00	42.04 2.82 0.02
RED___ROCHESTER 323720	35.16 -2.97 2.60	30.01 -2.31 3.28	27.03 -2.19 3.45	23.68 -2.16 5.42	24.54 -2.01 4.86	27.42 -2.12 4.10	30.64 -2.37 7.90	31.21 -2.39 7.66	34.53 -2.46 3.33	31.77 -2.13 2.77	30.70 -2.07 2.96	31.41 -2.12 2.96	33.72 -2.40 3.26	33.88 -2.50 3.30	34.01 -2.69 5.34	38.45 -3.02 4.95	41.89 -3.04 4.85	46.19 -3.51 6.01	53.42 -3.60 3.03	61.25 -3.54 3.22	56.31 -3.18 2.84	46.70 -2.95 2.07	37.21 -2.83 3.58	33.87 -2.63 2.73
REGAN___SOLAR 323812	43.48 2.77 0.03	38.09 2.49 0.00	34.92 2.25 0.00	33.38 2.13 0.00	33.54 2.14 0.00	35.90 2.25 0.00	43.29 2.37 0.00	42.83 1.57 0.00	41.13 0.81 0.00	36.86 0.18 0.00	35.70 -0.04 0.00	36.38 -0.11 0.00	39.35 -0.04 0.00	39.72 0.04 0.00	42.05 0.00 0.00	46.52 0.19 0.09	50.08 0.50 0.19	56.32 1.28 0.67	62.09 2.58 0.55	72.65 4.63 0.00	67.37 5.05 0.00	55.83 4.04 -0.08	51.49 3.36 -4.51	42.04 2.83 0.02
RENSSELAER___COGEN 23796	41.87 1.14 0.00	36.66 1.07 0.00	33.81 1.14 0.00	32.31 1.06 0.00	32.48 1.07 0.00	34.65 1.01 0.00	41.73 0.82 0.00	41.92 0.66 0.00	41.00 0.68 0.00	37.33 0.66 0.00	36.42 0.68 0.00	37.11 0.62 0.00	40.14 0.75 0.00	40.51 0.83 0.00	42.94 0.88 0.00	47.28 0.93 0.07	50.72 1.09 0.15	56.36 1.17 0.52	61.01 1.38 0.43	69.51 1.49 0.00	63.82 1.49 0.00	52.99 1.24 -0.05	47.56 1.05 -2.89	40.21 0.98 0.00
REPUBLIC_115KV_BARTNBRK 55605	45.38 4.64 0.00	39.80 4.20 0.00	36.49 3.82 0.00	34.81 3.56 0.00	35.02 3.61 0.00	37.48 3.84 0.00	45.25 4.34 0.00	44.89 3.63 0.00	43.50 3.19 0.00	39.24 2.57 0.00	38.13 2.39 0.00	38.39 1.90 0.00	41.48 2.09 0.00	41.70 2.02 0.00	43.86 1.81 0.00	48.93 2.60 0.10	53.00 3.43 0.22	59.47 4.51 0.75	65.45 6.01 0.61	77.13 9.11 0.00	71.61 9.29 0.00	59.24 7.45 -0.08	54.18 6.02 -4.54	44.33 5.10 0.00
REVERE_CPPR_DRP 24186	41.51 0.77 0.00	36.24 0.64 0.00	33.32 0.65 0.00	31.91 0.66 0.00	32.00 0.60 0.00	34.39 0.74 0.00	41.69 0.78 0.00	42.01 0.74 0.00	40.68 0.36 0.00	36.74 0.07 0.00	35.74 0.00 0.00	36.53 0.04 0.00	39.39 0.00 0.00	39.80 0.12 0.00	42.05 0.00 0.00	46.22 0.00 0.21	49.58 0.10 0.30	55.82 0.56 0.45	60.39 0.84 0.51	68.50 1.02 0.54	62.84 1.00 0.48	52.18 0.83 0.35	43.97 0.52 0.17	39.70 0.47 0.00
REYNLDPA_13_KV_LD 356490	40.49 -0.24 0.00	35.21 -0.39 0.00	32.34 -0.33 0.00	30.94 -0.31 0.00	31.06 -0.34 0.00	33.41 -0.23 0.00	40.63 -0.28 0.00	40.98 -0.29 0.00	40.08 -0.24 0.00	36.30 -0.37 0.00	35.38 -0.36 0.00	36.13 -0.36 0.00	39.12 -0.27 0.00	39.40 -0.28 0.00	41.67 -0.38 0.00	45.91 -0.51 0.00	49.28 -0.50 0.00	54.60 -1.11 0.00	58.79 -1.26 0.00	66.86 -1.16 0.00	61.33 -1.00 0.00	51.55 -0.15 0.00	43.53 -0.09 0.00	39.19 -0.04 0.00
REYNOLDS_115KV_TB3 80639	42.24 1.51 0.00	36.95 1.35 0.00	33.88 1.21 0.00	32.41 1.16 0.00	32.54 1.13 0.00	34.76 1.11 0.00	41.98 1.06 0.00	42.17 0.91 0.00	41.29 0.97 0.00	37.59 0.92 0.00	36.67 0.93 0.00	37.37 0.88 0.00	40.41 1.02 0.00	40.71 1.03 0.00	43.19 1.14 0.00	47.68 1.25 0.00	51.32 1.54 0.00	57.33 1.62 0.00	61.98 1.92 0.00	70.06 2.04 0.00	64.38 2.06 0.00	53.47 1.71 -0.05	48.23 1.48 -3.12	40.53 1.29 0.00

RIVERBAY____ 323610	45.03 4.32 0.02	39.41 3.81 -0.01	36.04 3.36 -0.01	34.54 3.28 -0.01	34.62 3.20 -0.01	36.64 2.99 0.00	44.19 3.27 0.00	44.73 3.47 0.00	43.99 3.67 0.00	40.16 3.48 0.00	39.64 3.43 -0.47	40.38 3.58 -0.31	48.58 3.98 -5.21	54.24 4.13 -10.44	46.75 4.46 -0.24	65.63 4.87 -14.34	59.56 5.33 -4.45	77.16 6.07 -15.38	79.18 6.55 -12.58	74.89 6.87 0.00	67.75 5.42 0.00	56.47 4.76 -0.01	48.99 4.36 -1.01	42.87 3.65 0.01
RIVERSIDE_115KV_TB3 55908	42.08 1.34 0.00	36.84 1.25 0.00	33.78 1.11 0.00	32.31 1.06 0.00	32.44 1.04 0.00	34.65 1.01 0.00	41.90 0.98 0.00	42.09 0.83 0.00	41.17 0.85 0.00	37.51 0.84 0.00	36.60 0.86 0.00	37.29 0.80 0.00	40.30 0.91 0.00	40.63 0.95 0.00	43.10 1.05 0.00	47.47 1.11 0.07	50.97 1.34 0.15	56.63 1.45 0.53	61.30 1.68 0.44	69.85 1.84 0.00	64.19 1.87 0.00	53.31 1.55 -0.05	48.12 1.35 -3.15	40.41 1.18 0.00
ROARING____BROOK_WT_PWR 323790	39.51 -1.22 0.00	34.53 -1.07 0.00	31.69 -0.98 0.00	30.34 -0.91 0.00	30.50 -0.91 0.00	32.70 -0.94 0.00	39.81 -1.10 0.00	40.15 -1.11 0.00	39.23 -1.09 0.00	35.64 -1.03 0.00	34.74 -1.00 0.00	35.47 -1.02 0.00	38.29 -1.10 0.00	38.57 -1.11 0.00	40.83 -1.22 0.00	45.07 -1.35 0.00	48.29 -1.49 0.00	54.04 -1.67 0.00	58.26 -1.80 0.00	66.04 -1.97 0.00	60.46 -1.87 0.00	50.26 -1.45 0.00	42.40 -1.22 0.00	38.18 -1.06 0.00
ROCHESRG_115KV_T4 355643	34.49 -3.42 2.82	29.56 -2.71 3.33	26.45 -2.55 3.66	23.38 -2.50 5.37	24.20 -2.39 4.82	27.08 -2.49 4.07	29.98 -2.86 8.07	30.48 -2.89 7.89	34.87 -2.94 2.51	32.12 -2.57 1.98	30.98 -2.54 2.22	31.73 -2.55 2.20	34.05 -2.88 2.46	34.20 -2.98 2.50	34.43 -3.24 4.38	38.83 -3.53 4.07	41.26 -3.73 4.79	45.45 -4.29 5.97	49.80 -4.50 5.75	57.26 -4.69 6.07	53.59 -4.24 4.50	44.78 -3.72 3.21	36.17 -3.49 3.96	32.99 -3.18 3.06
ROCHESTER_9_IC 23652	35.01 -3.14 2.59	29.83 -2.49 3.27	26.91 -2.32 3.44	23.55 -2.28 5.42	24.38 -2.17 4.86	27.29 -2.25 4.10	30.45 -2.58 7.89	31.06 -2.56 7.64	36.67 -2.66 0.99	33.72 -2.31 0.64	32.59 -2.29 0.86	33.36 -2.30 0.83	35.81 -2.60 0.98	36.02 -2.66 1.00	36.27 -2.94 2.84	40.91 -3.16 2.36	43.50 -3.34 2.94	47.94 -3.84 3.92	52.95 -3.96 3.14	60.66 -4.01 3.34	55.76 -3.61 2.95	46.31 -3.26 2.15	36.86 -3.14 3.62	33.63 -2.86 2.74
ROCKVIEW_13_KV_LD 356306	43.84 3.14 0.03	38.45 2.85 0.00	35.15 2.48 0.00	33.66 2.41 0.00	33.73 2.32 0.00	35.83 2.19 0.00	43.49 2.58 0.00	44.11 2.85 0.00	43.46 3.14 0.00	39.60 2.93 0.00	38.71 2.97 0.00	39.59 3.10 0.00	42.82 3.43 0.00	43.33 3.65 0.00	46.00 3.95 0.00	52.79 4.41 -1.96	58.98 4.78 -4.42	76.48 5.40 -15.36	78.40 5.77 -12.58	74.00 5.99 0.00	67.31 4.99 0.00	55.54 3.83 -0.01	47.98 3.36 -1.00	41.96 2.75 0.02
ROME____115KV_TB2 80656	41.51 0.77 0.00	36.24 0.64 0.00	33.32 0.65 0.00	31.91 0.66 0.00	32.00 0.60 0.00	34.39 0.74 0.00	41.69 0.78 0.00	42.01 0.74 0.00	40.68 0.36 0.00	36.74 0.07 0.00	35.74 0.00 0.00	36.53 0.04 0.00	39.39 0.00 0.00	39.80 0.12 0.00	42.05 0.00 0.00	46.22 0.00 0.21	49.58 0.10 0.30	55.82 0.56 0.45	60.39 0.84 0.51	68.50 1.02 0.54	62.84 1.00 0.48	52.18 0.83 0.35	43.97 0.52 0.17	39.70 0.47 0.00
ROSETON____1 23587	43.19 2.49 0.03	37.84 2.24 0.00	34.59 1.93 0.00	33.16 1.91 0.00	33.23 1.82 0.00	35.33 1.68 0.00	42.96 2.04 0.00	43.49 2.23 0.00	42.70 2.38 0.00	38.95 2.27 0.00	38.03 2.29 0.00	38.86 2.37 0.00	42.03 2.64 0.00	42.54 2.86 0.00	45.12 3.07 0.00	51.83 3.48 -1.92	57.82 3.74 -4.31	74.80 4.12 -14.96	76.75 4.44 -12.25	72.58 4.56 0.00	66.13 3.80 0.00	54.66 2.95 -0.01	47.23 2.62 -0.99	41.33 2.12 0.02
ROSETON____2 23588	43.19 2.49 0.03	37.84 2.24 0.00	34.59 1.93 0.00	33.16 1.91 0.00	33.23 1.82 0.00	35.33 1.68 0.00	42.96 2.04 0.00	43.49 2.23 0.00	42.70 2.38 0.00	38.95 2.27 0.00	38.03 2.29 0.00	38.86 2.37 0.00	42.03 2.64 0.00	42.54 2.86 0.00	45.12 3.07 0.00	51.83 3.48 -1.92	57.82 3.74 -4.31	74.80 4.12 -14.96	76.75 4.44 -12.25	72.58 4.56 0.00	66.13 3.80 0.00	54.66 2.95 -0.01	47.23 2.62 -0.99	41.33 2.12 0.02
ROTTDRAM_115KV_TB3 80664	42.16 1.43 0.00	36.88 1.28 0.00	33.84 1.18 0.00	32.34 1.09 0.00	32.51 1.10 0.00	34.76 1.11 0.00	42.10 1.19 0.00	42.29 1.03 0.00	41.29 0.97 0.00	37.51 0.84 0.00	36.56 0.82 0.00	37.26 0.77 0.00	40.26 0.87 0.00	40.55 0.87 0.00	42.98 0.93 0.00	47.38 1.07 0.11	50.82 1.29 0.26	56.38 1.56 0.89	61.19 1.86 0.73	70.26 2.24 0.00	64.57 2.24 0.00	53.61 1.81 -0.09	50.07 1.57 -4.88	40.57 1.33 0.00
RUSSELL____1 23602	35.20 -2.93 2.60	30.01 -2.31 3.28	27.03 -2.19 3.45	23.68 -2.16 5.42	24.51 -2.04 4.86	27.42 -2.12 4.10	30.64 -2.37 7.90	31.21 -2.39 7.66	36.86 -2.46 1.00	33.90 -2.13 0.64	32.76 -2.11 0.87	33.54 -2.12 0.84	36.03 -2.36 0.99	36.20 -2.46 1.01	36.52 -2.69 2.84	41.18 -2.88 2.37	43.79 -3.04 2.96	48.26 -3.51 3.94	53.30 -3.60 3.15	61.13 -3.54 3.35	56.19 -3.18 2.95	46.61 -2.95 2.15	37.12 -2.88 3.62	33.83 -2.67 2.73
RUSSELL____2 23532	35.20 -2.93 2.60	30.01 -2.31 3.28	27.03 -2.19 3.45	23.68 -2.16 5.42	24.51 -2.04 4.86	27.42 -2.12 4.10	30.64 -2.37 7.90	31.21 -2.39 7.66	36.86 -2.46 1.00	33.90 -2.13 0.64	32.76 -2.11 0.87	33.54 -2.12 0.84	36.03 -2.36 0.99	36.20 -2.46 1.01	36.52 -2.69 2.84	41.18 -2.88 2.37	43.79 -3.04 2.96	48.26 -3.51 3.94	53.30 -3.60 3.15	61.13 -3.54 3.35	56.19 -3.18 2.95	46.61 -2.95 2.15	37.12 -2.88 3.62	33.83 -2.67 2.73
RUSSELL____3 23549	35.20 -2.93 2.60	30.01 -2.31 3.28	27.03 -2.19 3.45	23.68 -2.16 5.42	24.51 -2.04 4.86	27.42 -2.12 4.10	30.64 -2.37 7.90	31.21 -2.39 7.66	36.86 -2.46 1.00	33.90 -2.13 0.64	32.76 -2.11 0.87	33.54 -2.12 0.84	36.03 -2.36 0.99	36.20 -2.46 1.01	36.52 -2.69 2.84	41.18 -2.88 2.37	43.79 -3.04 2.96	48.26 -3.51 3.94	53.30 -3.60 3.15	61.13 -3.54 3.35	56.19 -3.18 2.95	46.61 -2.95 2.15	37.12 -2.88 3.62	33.83 -2.67 2.73
RUSSELL____4 23556	35.20 -2.93 2.60	30.01 -2.31 3.28	27.03 -2.19 3.45	23.68 -2.16 5.42	24.51 -2.04 4.86	27.42 -2.12 4.10	30.64 -2.37 7.90	31.21 -2.39 7.66	36.86 -2.46 1.00	33.90 -2.13 0.64	32.76 -2.11 0.87	33.54 -2.12 0.84	36.03 -2.36 0.99	36.20 -2.46 1.01	36.52 -2.69 2.84	41.18 -2.88 2.37	43.79 -3.04 2.96	48.26 -3.51 3.94	53.30 -3.60 3.15	61.13 -3.54 3.35	56.19 -3.18 2.95	46.61 -2.95 2.15	37.12 -2.88 3.62	33.83 -2.67 2.73
RUSSELL____STATION 23914	35.20 -2.93 2.60	30.01 -2.31 3.28	27.03 -2.19 3.45	23.68 -2.16 5.42	24.51 -2.04 4.86	27.42 -2.12 4.10	30.64 -2.37 7.90	31.21 -2.39 7.66	36.86 -2.46 1.00	33.90 -2.13 0.64	32.76 -2.11 0.87	33.54 -2.12 0.84	36.03 -2.36 0.99	36.20 -2.46 1.01	36.52 -2.69 2.84	41.18 -2.88 2.37	43.79 -3.04 2.96	48.26 -3.51 3.94	53.30 -3.60 3.15	61.13 -3.54 3.35	56.19 -3.18 2.95	46.61 -2.95 2.15	37.12 -2.88 3.62	33.83 -2.67 2.73

S SALMON___HYD 24043	40.25 -0.49 0.00	35.21 -0.39 0.00	32.34 -0.33 0.00	30.94 -0.31 0.00	31.09 -0.31 0.00	33.38 -0.27 0.00	40.55 -0.37 0.00	40.85 -0.41 0.00	39.59 -0.72 0.00	35.90 -0.77 0.00	34.92 -0.82 0.00	35.65 -0.84 0.00	38.41 -0.98 0.00	38.61 -1.07 0.00	40.87 -1.18 0.00	45.46 -1.25 -0.29	48.81 -1.39 -0.43	54.95 -1.39 -0.63	59.53 -1.26 -0.74	67.58 -1.22 -0.79	62.02 -1.00 -0.70	51.44 -0.77 -0.51	43.08 -0.78 -0.25	38.65 -0.59 0.00
S.PERRY___115KV_TB1 80734	69.74 -2.12 -31.13	49.87 -1.53 -15.81	59.37 -1.47 -28.18	44.37 -1.44 -14.56	43.12 -1.35 -13.06	43.38 -1.31 -11.04	72.49 -1.10 -32.68	76.60 -1.40 -36.74	82.45 -1.85 -43.98	71.55 -1.80 -36.67	72.86 -2.00 -39.12	73.69 -1.97 -39.17	80.23 -2.25 -43.08	81.00 -2.26 -43.58	85.51 -2.35 -45.82	91.40 -2.51 -47.48	96.38 -2.74 -49.34	106.09 -2.84 -53.22	112.70 -2.88 -55.53	123.88 -2.04 -57.90	92.54 -1.43 -31.65	71.66 -1.55 -21.50	52.03 -1.83 -10.24	49.24 -1.80 -11.81
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.57 -5.21 11.95	25.15 -4.13 6.32	18.80 -3.89 9.98	20.32 -3.81 7.12	21.19 -3.83 6.39	24.21 -4.04 5.40	19.64 -4.54 16.73	18.84 -4.50 17.93	21.46 -4.52 14.34	20.98 -3.96 11.73	18.93 -4.07 12.74	19.69 -4.09 12.71	20.75 -4.57 14.07	20.83 -4.60 14.24	20.80 -5.05 16.21	23.91 -5.48 17.03	25.79 -5.67 18.32	29.23 -6.52 19.97	33.82 -7.03 19.21	40.09 -7.82 20.10	43.03 -6.98 12.31	37.28 -5.95 8.49	32.65 -5.37 5.61	28.52 -4.90 5.81
SAWYER___23_KV_LOAD 55526	23.57 -5.21 11.95	25.15 -4.13 6.32	18.80 -3.89 9.98	20.32 -3.81 7.12	21.19 -3.83 6.39	24.21 -4.04 5.40	19.64 -4.54 16.73	18.84 -4.50 17.93	21.46 -4.52 14.34	20.98 -3.96 11.73	18.93 -4.07 12.74	19.69 -4.09 12.71	20.75 -4.57 14.07	20.83 -4.60 14.24	20.80 -5.05 16.21	23.91 -5.48 17.03	25.79 -5.67 18.32	29.23 -6.52 19.97	33.82 -7.03 19.21	40.09 -7.82 20.10	43.03 -6.98 12.31	37.28 -5.95 8.49	32.65 -5.37 5.61	28.52 -4.90 5.81
SELKIRK___I 23801	42.12 1.39 0.00	36.92 1.32 0.00	33.94 1.27 0.00	32.47 1.22 0.00	32.60 1.19 0.00	34.79 1.14 0.00	41.98 1.06 0.00	42.13 0.87 0.00	41.08 0.76 0.00	37.37 0.70 0.00	36.42 0.68 0.00	37.11 0.62 0.00	40.14 0.75 0.00	40.51 0.83 0.00	42.94 0.88 0.00	47.35 0.93 0.00	50.87 1.09 0.00	56.99 1.28 0.00	61.68 1.62 0.00	69.99 1.97 0.00	64.26 1.93 0.00	53.35 1.60 -0.03	47.34 1.35 -2.37	40.49 1.26 0.00
SELKIRK___II 23799	41.87 1.14 0.00	36.63 1.03 0.00	33.71 1.05 0.00	32.25 1.00 0.00	32.38 0.97 0.00	34.59 0.94 0.00	41.73 0.82 0.00	42.01 0.74 0.00	41.08 0.76 0.00	37.40 0.73 0.00	36.45 0.71 0.00	37.18 0.69 0.00	40.22 0.83 0.00	40.59 0.91 0.00	43.02 0.97 0.00	47.35 1.02 0.09	50.73 1.15 0.20	56.30 1.28 0.69	60.93 1.44 0.57	69.51 1.49 0.00	63.82 1.49 0.00	52.98 1.24 -0.04	47.14 1.05 -2.47	40.17 0.94 0.00
SENECA OSWGO___HYD 24041	39.68 -1.06 0.00	34.78 -0.82 0.00	31.88 -0.78 0.00	30.50 -0.75 0.00	30.69 -0.72 0.00	32.87 -0.77 0.00	40.05 -0.86 0.00	40.36 -0.91 0.00	39.35 -0.97 0.00	35.83 -0.84 0.00	34.88 -0.86 0.00	35.62 -0.88 0.00	38.37 -1.02 0.00	38.49 -1.19 0.00	40.87 -1.18 0.00	45.96 -1.30 -0.83	49.56 -1.45 -1.23	55.97 -1.56 -1.82	60.54 -1.62 -2.10	68.56 -1.70 -2.24	62.81 -1.50 -1.98	51.81 -1.34 -1.44	43.10 -1.22 -0.70	38.21 -1.02 0.00
SENECA___115KV_TB3 355854	23.51 -4.68 12.54	25.30 -3.70 6.59	18.69 -3.46 10.52	20.60 -3.41 7.25	21.42 -3.49 6.50	24.49 -3.67 5.49	19.09 -4.05 17.78	18.10 -4.04 19.12	17.76 -4.11 18.44	17.73 -3.59 15.35	15.66 -3.68 16.40	16.35 -3.72 16.42	17.11 -4.21 18.07	17.19 -4.21 18.28	16.95 -4.58 20.52	19.67 -5.20 21.55	23.65 -5.03 21.10	26.67 -5.74 23.31	33.35 -6.06 20.64	39.69 -6.74 21.59	43.38 -5.92 13.02	37.56 -5.17 8.98	33.27 -4.75 5.60	28.93 -4.39 5.90
SENECA___ENERGY 23797	46.62 -1.26 -7.14	44.77 -0.85 -10.02	41.77 -0.82 -9.92	47.71 -0.81 -17.27	46.11 -0.78 -15.49	45.99 -0.74 -13.08	58.12 -0.78 -17.98	57.06 -0.79 -16.59	42.08 -0.97 -2.73	38.21 -0.73 -2.27	37.34 -0.82 -2.43	38.12 -0.80 -2.43	41.04 -1.02 -2.67	41.27 -1.11 -2.70	49.28 -1.18 -8.40	47.86 -1.25 -2.69	51.29 -1.39 -2.91	57.20 -1.50 -2.99	61.75 -1.68 -3.38	69.97 -1.56 -3.51	62.68 -1.37 -1.72	51.51 -1.34 -1.14	51.57 -1.22 -9.17	48.10 -1.14 -10.01
SHOEMAKER___GT 23640	42.86 2.16 0.04	37.52 1.92 0.00	34.33 1.67 0.00	32.84 1.59 0.00	32.95 1.54 0.00	35.06 1.41 0.00	42.67 1.76 0.00	43.16 1.90 0.00	42.29 1.98 0.00	38.50 1.83 0.00	37.56 1.82 0.00	38.39 1.90 0.00	41.52 2.13 0.00	42.02 2.34 0.00	44.57 2.52 0.00	50.97 2.88 -1.66	56.58 3.09 -3.72	72.14 3.51 -12.92	74.42 3.79 -10.57	71.96 3.94 0.00	65.69 3.36 0.00	54.25 2.53 -0.01	46.72 2.18 -0.92	40.98 1.77 0.02
SHOEMAKR_138KV_BK 111 55601	42.86 2.16 0.04	37.52 1.92 0.00	34.37 1.70 0.00	32.88 1.63 0.00	32.98 1.57 0.00	35.09 1.45 0.00	42.63 1.72 0.00	43.12 1.86 0.00	42.33 2.02 0.00	38.54 1.87 0.00	37.60 1.86 0.00	38.43 1.93 0.00	41.60 2.21 0.00	42.02 2.34 0.00	44.62 2.57 0.00	50.90 2.83 -1.64	56.57 3.09 -3.70	72.15 3.57 -12.87	74.44 3.84 -10.54	71.96 3.95 0.00	65.63 3.30 0.00	54.25 2.53 -0.01	46.76 2.22 -0.91	40.98 1.77 0.02
SHOREHAM_IC_1 23715	45.12 4.03 -0.35	39.33 3.74 0.00	35.57 2.91 0.00	33.91 2.65 0.00	33.83 2.42 0.00	36.24 2.59 0.00	43.94 3.03 0.00	45.43 4.17 0.00	44.91 4.51 -0.07	40.98 4.18 -0.13	46.26 3.43 -7.09	44.43 3.36 -4.58	48.09 3.90 -4.80	49.18 4.20 -5.29	49.12 4.08 -2.99	52.74 4.36 -1.96	59.00 4.83 -4.39	75.48 4.51 -15.25	77.71 5.17 -12.49	73.46 5.44 0.00	65.88 3.55 0.00	55.38 3.67 0.00	48.29 3.66 -1.00	43.20 3.14 -0.83
SHOREHAM_IC_2 23716	45.12 4.03 -0.35	39.33 3.74 0.00	35.57 2.91 0.00	33.91 2.65 0.00	33.83 2.42 0.00	36.24 2.59 0.00	43.94 3.03 0.00	45.43 4.17 0.00	44.91 4.51 -0.07	40.98 4.18 -0.13	46.26 3.43 -7.09	44.43 3.36 -4.58	48.09 3.90 -4.80	49.18 4.20 -5.29	49.12 4.08 -2.99	52.74 4.36 -1.96	59.00 4.83 -4.39	75.48 4.51 -15.25	77.71 5.17 -12.49	73.46 5.44 0.00	65.88 3.55 0.00	55.38 3.67 0.00	48.29 3.66 -1.00	43.20 3.14 -0.83
SISSONVILLE____ 23735	39.92 -0.81 0.00	34.71 -0.89 0.00	31.88 -0.78 0.00	30.53 -0.72 0.00	30.62 -0.79 0.00	32.97 -0.67 0.00	40.01 -0.90 0.00	40.36 -0.91 0.00	39.27 -1.05 0.00	35.46 -1.21 0.00	34.56 -1.18 0.00	35.07 -1.42 0.00	37.97 -1.42 0.00	38.17 -1.51 0.00	40.20 -1.85 0.00	44.38 -2.04 0.00	47.54 -2.24 0.00	53.20 -2.51 0.00	57.41 -2.64 0.00	65.43 -2.58 0.00	60.21 -2.12 0.00	50.47 -1.24 0.00	42.88 -0.74 0.00	38.57 -0.67 0.00
SITHE_IND_GS1 24169	39.27 -1.46 0.00	34.42 -1.17 0.00	31.59 -1.08 0.00	30.19 -1.06 0.00	30.37 -1.04 0.00	32.54 -1.11 0.00	39.60 -1.31 0.00	39.94 -1.32 0.00	38.99 -1.33 0.00	35.50 -1.17 0.00	34.59 -1.15 0.00	35.32 -1.17 0.00	38.01 -1.38 0.00	38.13 -1.55 0.00	40.45 -1.60 0.00	36.52 -1.76 8.14	35.92 -1.94 11.92	35.92 -2.12 17.67	37.46 -2.34 20.25	43.96 -2.52 21.54	40.94 -2.30 19.08	35.83 -1.96 13.91	35.11 -1.75 6.76	37.88 -1.37 -0.02

SITHE_IND_GS2 24170	39.27 -1.46 0.00	34.42 -1.17 0.00	31.59 -1.08 0.00	30.19 -1.06 0.00	30.37 -1.04 0.00	32.54 -1.11 0.00	39.60 -1.31 0.00	39.94 -1.32 0.00	38.99 -1.33 0.00	35.50 -1.17 0.00	34.59 -1.15 0.00	35.32 -1.17 0.00	38.01 -1.38 0.00	38.13 -1.55 0.00	40.45 -1.60 0.00	36.52 -1.76 8.14	35.92 -1.94 11.92	35.92 -2.12 17.67	37.46 -2.34 20.25	43.96 -2.52 21.54	40.94 -2.30 19.08	35.83 -1.96 13.91	35.11 -1.75 6.76	37.88 -1.37 -0.02
SITHE_IND_GS3 24171	39.27 -1.46 0.00	34.42 -1.17 0.00	31.59 -1.08 0.00	30.19 -1.06 0.00	30.37 -1.04 0.00	32.54 -1.11 0.00	39.60 -1.31 0.00	39.94 -1.32 0.00	38.99 -1.33 0.00	35.50 -1.17 0.00	34.59 -1.15 0.00	35.32 -1.17 0.00	38.01 -1.38 0.00	38.13 -1.55 0.00	40.45 -1.60 0.00	36.52 -1.76 8.14	35.92 -1.94 11.92	35.92 -2.12 17.67	37.46 -2.34 20.25	43.96 -2.52 21.54	40.94 -2.30 19.08	35.83 -1.96 13.91	35.11 -1.75 6.76	37.88 -1.37 -0.02
SITHE_IND_GS4 24172	39.27 -1.46 0.00	34.42 -1.17 0.00	31.59 -1.08 0.00	30.19 -1.06 0.00	30.37 -1.04 0.00	32.54 -1.11 0.00	39.60 -1.31 0.00	39.94 -1.32 0.00	38.99 -1.33 0.00	35.50 -1.17 0.00	34.59 -1.15 0.00	35.32 -1.17 0.00	38.01 -1.38 0.00	38.13 -1.55 0.00	40.45 -1.60 0.00	36.52 -1.76 8.14	35.92 -1.94 11.92	35.92 -2.12 17.67	37.46 -2.34 20.25	43.96 -2.52 21.54	40.94 -2.30 19.08	35.83 -1.96 13.91	35.11 -1.75 6.76	37.88 -1.37 -0.02
SITHE___BATAVIA 24024	29.52 -3.95 7.26	27.74 -3.06 4.79	23.25 -2.84 6.58	22.16 -2.81 6.28	23.08 -2.70 5.63	26.03 -2.86 4.76	25.52 -3.07 12.33	25.33 -3.14 12.80	26.86 -3.35 10.11	25.32 -2.94 8.41	23.78 -2.97 8.99	24.46 -3.03 9.00	26.02 -3.47 9.90	26.13 -3.53 10.02	26.07 -3.83 12.15	29.71 -4.32 12.40	33.41 -4.38 11.99	36.92 -5.01 13.78	42.81 -5.10 12.14	50.13 -5.17 12.72	49.66 -4.55 8.12	41.97 -4.09 5.65	35.24 -3.75 4.63	31.18 -3.57 4.48
SITHE___INDEPEND 23800	39.27 -1.47 0.00	34.42 -1.17 0.00	31.59 -1.08 0.00	30.19 -1.06 0.00	30.37 -1.04 0.00	32.54 -1.11 0.00	39.65 -1.27 0.00	39.94 -1.32 0.00	38.99 -1.33 0.00	35.50 -1.17 0.00	34.56 -1.18 0.00	35.32 -1.17 0.00	37.97 -1.42 0.00	38.17 -1.51 0.00	40.45 -1.60 0.00	36.52 -1.76 8.14	35.91 -1.94 11.92	35.91 -2.12 17.68	37.45 -2.34 20.27	43.94 -2.52 21.56	40.93 -2.31 19.09	35.82 -1.96 13.92	35.11 -1.74 6.77	37.88 -1.37 -0.02
SITHE___MASSENA 23902	40.41 -0.33 0.00	35.13 -0.46 0.00	32.28 -0.39 0.00	30.88 -0.37 0.00	31.00 -0.41 0.00	33.34 -0.30 0.00	40.51 -0.41 0.00	40.89 -0.37 0.00	39.92 -0.40 0.00	36.16 -0.51 0.00	35.24 -0.50 0.00	35.94 -0.55 0.00	38.92 -0.47 0.00	39.20 -0.47 0.00	41.42 -0.63 0.00	45.63 -0.79 0.00	48.98 -0.80 0.00	54.71 -1.00 0.00	58.98 -1.08 0.00	67.07 -0.95 0.00	61.51 -0.81 0.00	51.35 -0.36 0.00	43.45 -0.17 0.00	39.08 -0.16 0.00
SITHE___OGDNSBRG 24021	40.74 0.00 0.00	35.38 -0.21 0.00	32.50 -0.16 0.00	31.13 -0.13 0.00	31.22 -0.19 0.00	33.65 0.00 0.00	40.75 -0.16 0.00	41.02 -0.25 0.00	39.84 -0.48 0.00	35.94 -0.73 0.00	34.99 -0.75 0.00	35.62 -0.88 0.00	38.60 -0.79 0.00	38.84 -0.83 0.00	41.00 -1.05 0.00	45.31 -1.11 0.00	48.53 -1.24 0.00	54.32 -1.39 0.00	58.86 -1.20 0.00	67.13 -0.88 0.00	61.70 -0.62 0.00	51.66 -0.05 0.00	43.71 0.09 0.00	39.31 0.08 0.00
SITHE___STERLING 23777	41.31 0.57 0.00	36.13 0.53 0.00	33.19 0.52 0.00	31.75 0.50 0.00	31.88 0.47 0.00	34.22 0.57 0.00	41.57 0.65 0.00	41.88 0.62 0.00	40.64 0.32 0.00	36.78 0.11 0.00	35.81 0.07 0.00	36.60 0.11 0.00	39.47 0.08 0.00	39.80 0.12 0.00	42.14 0.08 0.00	46.26 0.09 0.25	49.56 0.15 0.37	55.60 0.44 0.55	60.09 0.66 0.63	68.23 0.88 0.67	62.60 0.87 0.59	51.95 0.67 0.43	43.80 0.39 0.21	39.63 0.39 0.00
SLEIGHT__34_KV_TB1 80719	36.80 -2.40 1.54	30.80 -1.85 2.94	28.28 -1.76 2.63	24.17 -1.72 5.36	24.97 -1.63 4.81	27.94 -1.65 4.06	32.07 -1.88 6.96	32.78 -1.94 6.54	37.74 -2.06 0.53	34.53 -1.80 0.34	33.46 -1.82 0.46	34.26 -1.79 0.44	36.82 -2.05 0.52	37.04 -2.10 0.53	37.26 -2.31 2.48	42.40 -2.46 1.56	45.06 -2.69 2.03	49.93 -3.01 2.77	54.56 -3.06 2.43	62.37 -3.06 2.59	57.30 -2.74 2.28	47.57 -2.48 1.66	37.63 -2.40 3.59	34.08 -2.20 2.96
SOUTH CAIRO___GT 23612	43.26 2.53 0.00	37.80 2.21 0.00	34.69 2.03 0.00	33.13 1.88 0.00	33.26 1.85 0.00	35.43 1.78 0.00	42.88 1.96 0.00	42.83 1.57 0.00	41.61 1.29 0.00	37.62 0.95 0.00	36.60 0.86 0.00	37.26 0.77 0.00	40.30 0.91 0.00	40.63 0.95 0.00	43.27 1.22 0.00	48.34 1.67 -0.24	52.47 2.14 -0.55	60.39 2.79 -1.90	65.27 3.66 -1.55	72.30 4.29 0.00	66.56 4.24 0.00	55.05 3.31 -0.03	48.23 2.31 -2.29	41.51 2.28 0.00
SOUTH HAMPTN___IC 23720	45.32 4.24 -0.35	39.51 3.92 0.00	35.71 3.04 0.00	34.03 2.78 0.00	33.92 2.51 0.00	36.30 2.66 0.00	44.15 3.23 0.00	45.68 4.42 0.00	45.19 4.80 -0.07	41.23 4.44 -0.13	46.65 3.83 -7.09	44.83 3.76 -4.58	48.52 4.33 -4.80	49.61 4.64 -5.29	49.75 4.71 -2.99	53.44 5.06 -1.96	59.84 5.67 -4.39	76.43 5.46 -15.25	78.73 6.19 -12.49	74.61 6.60 0.00	66.75 4.43 0.00	56.00 4.29 0.00	48.72 4.10 -1.00	43.51 3.45 -0.83
SOUTHDOW__115KV_TB1 355954	25.47 -3.83 11.44	26.55 -3.13 5.92	20.22 -2.94 9.51	21.86 -2.94 6.46	22.60 -3.02 5.79	25.55 -3.20 4.90	19.82 -3.56 17.53	18.75 -3.67 18.84	22.04 -3.83 14.45	21.57 -3.37 11.73	19.17 -3.75 12.82	19.95 -3.76 12.78	20.84 -4.37 14.17	20.84 -4.48 14.35	20.88 -4.92 16.25	23.91 -5.39 17.12	26.65 -4.83 18.30	30.06 -5.40 20.25	35.89 -5.10 19.06	42.76 -5.31 19.95	45.78 -4.36 12.18	39.40 -3.88 8.43	34.86 -3.62 5.14	30.52 -3.41 5.30
SOUTHOLD_69_KV_BK 2 55809	45.32 4.24 -0.35	39.34 3.74 0.00	35.71 3.04 0.00	34.00 2.75 0.00	33.89 2.48 0.00	36.27 2.62 0.00	43.66 2.74 0.00	45.27 4.00 0.00	45.35 4.96 -0.07	41.35 4.55 -0.13	46.83 4.00 -7.09	45.02 3.94 -4.58	48.76 4.57 -4.80	49.85 4.88 -5.29	50.05 5.00 -2.99	53.81 5.43 -1.96	60.18 5.97 -4.42	77.10 6.02 -15.37	79.42 6.79 -12.58	75.30 7.28 0.00	67.31 4.99 0.00	56.36 4.65 0.00	48.90 4.27 -1.00	43.63 3.57 -0.83
SOUTHOLD___IC 23719	45.32 4.24 -0.35	39.51 3.92 0.00	35.67 3.00 0.00	34.00 2.75 0.00	33.89 2.48 0.00	36.24 2.59 0.00	44.19 3.27 0.00	45.84 4.58 0.00	45.35 4.96 -0.07	41.38 4.58 -0.13	46.83 4.00 -7.09	45.02 3.94 -4.58	48.75 4.57 -4.80	49.89 4.92 -5.29	50.09 5.04 -2.99	53.85 5.48 -1.96	60.39 6.22 -4.39	76.98 6.02 -15.25	79.39 6.84 -12.49	75.30 7.28 0.00	67.31 4.99 0.00	56.37 4.66 0.00	48.90 4.28 -1.00	43.63 3.57 -0.83
SOUTH_FORK_WT_PWR 323839	44.83 3.75 -0.35	39.09 3.49 0.00	35.31 2.64 0.00	33.66 2.41 0.00	33.54 2.14 0.00	35.87 2.22 0.00	43.82 2.91 0.00	45.51 4.25 0.00	45.03 4.63 -0.07	41.09 4.29 -0.13	46.55 3.72 -7.09	44.72 3.65 -4.58	48.44 4.26 -4.80	49.53 4.56 -5.29	49.71 4.67 -2.99	53.49 5.11 -1.96	59.94 5.77 -4.39	76.48 5.52 -15.25	78.85 6.30 -12.49	74.61 6.60 0.00	66.62 4.30 0.00	55.85 4.14 0.00	48.46 3.84 -1.00	43.23 3.18 -0.83

SPIERFLS_115KV_TB 1 80737	43.87 3.14 0.00	38.41 2.81 0.00	35.22 2.55 0.00	33.63 2.38 0.00	33.79 2.39 0.00	36.14 2.49 0.00	43.74 2.82 0.00	43.70 2.43 0.00	42.54 2.22 0.00	38.50 1.83 0.00	37.49 1.75 0.00	37.77 1.28 0.00	40.81 1.42 0.00	40.99 1.31 0.00	43.19 1.14 0.00	48.18 1.86 0.10	52.00 2.44 0.22	58.24 3.29 0.76	63.64 4.20 0.62	73.87 5.85 0.00	68.25 5.92 0.00	56.55 4.76 -0.08	52.08 3.88 -4.57	42.53 3.30 0.00
ST LAWRENCE____ 23600	40.13 -0.61 0.00	34.96 -0.64 0.00	32.11 -0.56 0.00	30.72 -0.53 0.00	30.87 -0.53 0.00	33.17 -0.47 0.00	40.34 -0.57 0.00	40.69 -0.58 0.00	39.75 -0.56 0.00	36.08 -0.59 0.00	35.17 -0.57 0.00	35.87 -0.62 0.00	38.80 -0.59 0.00	39.08 -0.59 0.00	41.38 -0.67 0.00	45.63 -0.79 0.00	48.98 -0.80 0.00	54.71 -1.00 0.00	58.98 -1.08 0.00	66.93 -1.09 0.00	61.33 -1.00 0.00	51.14 -0.57 0.00	43.14 -0.48 0.00	38.84 -0.39 0.00
STATE_CA_115KV_115_LB 55624	42.08 1.34 0.00	36.84 1.25 0.00	33.78 1.11 0.00	32.31 1.06 0.00	32.44 1.04 0.00	34.65 1.01 0.00	41.90 0.98 0.00	42.13 0.87 0.00	41.21 0.89 0.00	37.51 0.84 0.00	36.56 0.82 0.00	37.29 0.80 0.00	40.30 0.91 0.00	40.63 0.95 0.00	43.06 1.01 0.00	47.41 1.07 0.08	50.94 1.34 0.18	56.47 1.39 0.63	61.22 1.68 0.52	69.99 1.97 0.00	64.26 1.93 0.00	53.32 1.55 -0.06	48.36 1.35 -3.39	40.45 1.22 0.00
STATE_ST_34_KV_LOAD 55959	43.28 -0.53 -3.07	39.30 -0.28 -3.99	36.47 -0.29 -4.09	37.67 -0.31 -6.73	37.16 -0.28 -6.04	38.51 -0.24 -5.10	46.85 -0.16 -6.10	46.52 -0.21 -5.46	41.16 -0.36 -1.20	37.47 -0.29 -1.10	36.39 -0.43 -1.08	37.22 -0.36 -1.10	40.09 -0.47 -1.17	40.30 -0.56 -1.18	44.88 -0.59 -3.42	46.97 -0.60 -1.15	50.23 -0.70 -1.15	56.21 -0.67 -1.17	61.60 -0.72 -2.26	69.90 -0.48 -2.36	63.28 -0.37 -1.33	52.15 -0.47 -0.91	46.81 -0.61 -3.80	42.63 -0.55 -3.95
STATION 5_MISC_HYD 23604	35.01 -3.14 2.59	29.83 -2.49 3.27	26.91 -2.32 3.44	23.55 -2.28 5.42	24.41 -2.14 4.86	27.29 -2.25 4.10	30.45 -2.58 7.89	31.02 -2.60 7.64	34.36 -2.66 3.30	31.62 -2.31 2.75	30.55 -2.25 2.93	31.26 -2.30 2.94	33.56 -2.60 3.23	33.71 -2.70 3.27	33.79 -2.94 5.32	38.21 -3.29 4.92	41.64 -3.33 4.81	45.89 -3.84 5.97	53.06 -3.97 3.03	60.79 -4.01 3.22	55.87 -3.62 2.84	46.39 -3.26 2.06	36.98 -3.05 3.58	33.63 -2.86 2.74
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.93 -2.28 3.53	27.39 -1.74 6.46	25.27 -1.63 5.77	17.85 -1.63 11.77	19.31 -1.54 10.56	23.18 -1.55 8.92	27.11 -1.76 12.04	28.70 -1.77 10.79	38.42 -1.89 0.00	35.06 -1.61 0.00	34.13 -1.61 0.00	34.89 -1.61 0.00	37.50 -1.89 0.00	37.69 -1.98 0.00	35.70 -2.14 4.21	43.14 -2.32 0.96	45.88 -2.49 1.41	50.84 -2.79 2.09	54.84 -2.88 2.33	62.68 -2.86 2.48	57.57 -2.56 2.20	47.73 -2.38 1.60	34.43 -2.27 6.93	30.57 -2.08 6.59
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.73 -3.22 1.79	29.64 -2.56 3.39	27.27 -2.38 3.01	22.73 -2.34 6.18	23.64 -2.23 5.54	26.65 -2.32 4.68	29.46 -2.66 8.79	30.23 -2.64 8.39	36.69 -2.74 0.89	33.71 -2.38 0.57	32.64 -2.32 0.78	33.37 -2.37 0.75	35.87 -2.64 0.88	36.04 -2.74 0.90	35.92 -2.99 3.15	40.94 -3.25 2.23	43.53 -3.43 2.82	48.03 -3.90 3.78	52.86 -4.08 3.11	60.49 -4.22 3.31	55.60 -3.80 2.92	46.17 -3.41 2.12	36.15 -3.23 4.24	32.87 -2.94 3.42
STA_56____34_KV_BUS2 355983	35.73 -3.22 1.79	29.64 -2.56 3.39	27.27 -2.38 3.01	22.73 -2.34 6.18	23.64 -2.23 5.54	26.65 -2.32 4.68	29.46 -2.66 8.79	30.23 -2.64 8.39	36.69 -2.74 0.89	33.71 -2.38 0.57	32.64 -2.32 0.78	33.37 -2.37 0.75	35.87 -2.64 0.88	36.04 -2.74 0.90	35.92 -2.99 3.15	40.94 -3.25 2.23	43.53 -3.43 2.82	48.03 -3.90 3.78	52.86 -4.08 3.11	60.49 -4.22 3.31	55.60 -3.80 2.92	46.17 -3.41 2.12	36.15 -3.23 4.24	32.87 -2.94 3.42
STA_67____115KV_BK2 355882	34.92 -3.22 2.59	29.80 -2.53 3.27	26.84 -2.38 3.45	23.49 -2.34 5.42	24.32 -2.23 4.86	27.22 -2.32 4.10	30.36 -2.66 7.89	30.97 -2.64 7.65	36.58 -2.74 1.00	33.65 -2.38 0.64	32.51 -2.36 0.87	33.28 -2.37 0.84	35.72 -2.68 0.99	35.89 -2.78 1.01	36.18 -3.03 2.84	40.81 -3.25 2.36	43.34 -3.48 2.95	47.82 -3.96 3.93	52.77 -4.14 3.15	60.46 -4.22 3.35	55.57 -3.80 2.95	46.15 -3.41 2.15	36.77 -3.23 3.62	33.55 -2.94 2.74
STA_7____115KV_9TRANS 80674	35.20 -2.93 2.60	30.01 -2.31 3.28	27.03 -2.19 3.45	23.68 -2.16 5.42	24.51 -2.04 4.86	27.42 -2.12 4.10	30.64 -2.37 7.90	31.21 -2.39 7.66	36.86 -2.46 1.00	33.90 -2.13 0.64	32.76 -2.11 0.87	33.54 -2.12 0.84	36.03 -2.36 0.99	36.20 -2.46 1.01	36.52 -2.69 2.84	41.18 -2.88 2.37	43.79 -3.04 2.96	48.26 -3.51 3.94	53.30 -3.60 3.15	61.13 -3.54 3.35	56.19 -3.18 2.95	46.61 -2.95 2.15	37.12 -2.88 3.62	33.83 -2.67 2.73
STA_82____115KV_TB1 80780	36.03 -3.26 1.45	30.28 -2.56 2.75	27.81 -2.42 2.44	23.86 -2.38 5.01	24.65 -2.26 4.49	27.49 -2.36 3.80	30.42 -2.66 7.83	31.01 -2.68 7.57	36.59 -2.78 0.95	33.64 -2.42 0.61	32.52 -2.39 0.83	33.29 -2.41 0.80	35.73 -2.72 0.94	35.90 -2.82 0.96	36.16 -3.07 2.82	40.82 -3.30 2.31	43.36 -3.53 2.88	47.84 -4.01 3.86	52.73 -4.20 3.12	60.42 -4.29 3.32	55.53 -3.86 2.93	46.11 -3.46 2.13	36.71 -3.27 3.64	33.48 -2.98 2.77
STEEL____WIND 323596	23.47 -4.72 12.54	25.30 -3.70 6.59	18.65 -3.49 10.52	20.60 -3.41 7.25	21.42 -3.49 6.50	24.45 -3.70 5.49	19.05 -4.09 17.78	18.05 -4.09 19.12	17.72 -4.15 18.44	15.62 -3.63 15.35	16.31 -3.72 16.40	17.06 -4.25 16.42	17.11 -4.29 18.07	16.90 -4.63 18.28	19.63 -5.25 20.52	23.60 -5.08 21.55	26.56 -5.85 21.10	33.29 -6.13 23.31	39.69 -6.74 20.64	43.32 -5.98 21.59	37.51 -5.22 13.02	33.22 -4.80 8.98	28.89 -4.43 5.60	
STEPHTWN_115KV_BK_2 55603	42.24 1.51 0.00	36.99 1.39 0.00	33.91 1.24 0.00	32.41 1.16 0.00	32.54 1.13 0.00	34.76 1.11 0.00	42.06 1.15 0.00	42.25 0.99 0.00	41.33 1.01 0.00	37.59 0.92 0.00	36.67 0.93 0.00	37.37 0.88 0.00	40.41 1.02 0.00	40.75 1.07 0.00	43.19 1.14 0.00	47.60 1.25 0.07	51.15 1.54 0.17	56.74 1.62 0.58	61.56 1.98 0.48	70.33 2.31 0.00	64.63 2.31 0.00	53.62 1.86 -0.05	48.09 1.57 -2.89	40.61 1.37 0.00
STEBEN_REC_LFGE 323667	63.79 -3.34 -26.40	49.18 -2.42 -16.01	55.80 -2.25 -25.39	46.94 -2.22 -17.91	45.27 -2.20 -16.06	45.00 -2.22 -13.58	72.49 -1.88 -33.45	75.52 -1.82 -36.07	73.36 -2.02 -35.06	64.00 -1.83 -29.16	64.84 -2.07 -31.17	65.62 -2.08 -31.21	71.33 -2.40 -34.35	71.96 -2.46 -34.75	78.37 -2.52 -38.84	81.72 -2.79 -38.08	86.13 -3.34 -39.69	95.34 -3.62 -43.25	100.07 -4.74 -44.76	109.48 -4.83 -46.29	83.81 -3.99 -25.47	65.51 -3.52 -17.32	52.02 -3.27 -11.67	49.13 -2.98 -12.88
STILLWATER____SOLAR 323814	43.10 2.36 0.00	37.73 2.14 0.00	34.59 1.93 0.00	33.06 1.81 0.00	33.23 1.82 0.00	35.53 1.88 0.00	42.92 2.00 0.00	42.96 1.69 0.00	41.89 1.57 0.00	37.99 1.32 0.00	37.02 1.28 0.00	37.58 1.09 0.00	40.61 1.22 0.00	40.95 1.27 0.00	43.31 1.26 0.00	47.91 1.58 0.09	51.59 1.99 0.18	57.53 2.45 0.63	62.60 3.06 0.52	71.96 3.94 0.00	66.32 3.99 0.00	55.10 3.31 -0.08	50.83 2.75 -4.46	41.59 2.35 0.00

STONY___BROOK 24151	45.36 4.28 -0.35	39.51 3.92 0.00	35.74 3.07 0.00	34.06 2.81 0.00	34.01 2.61 0.00	36.30 2.66 0.00	44.19 3.27 0.00	45.47 4.21 0.00	44.83 4.44 -0.07	40.91 4.11 -0.13	46.55 3.72 -7.09	44.80 3.72 -4.58	48.36 4.17 -4.80	49.38 4.40 -5.30	49.67 4.63 -2.99	53.30 4.92 -1.96	59.55 5.38 -4.39	76.03 5.07 -15.25	78.25 5.71 -12.49	74.14 6.12 0.00	66.57 4.24 0.00	55.95 4.24 0.00	48.81 4.19 -1.00	43.71 3.65 -0.83
STURGEON_POOL_HYD 23609	44.33 3.63 0.03	38.77 3.17 0.00	35.48 2.81 0.00	33.94 2.69 0.00	33.98 2.58 0.00	36.07 2.42 0.00	43.86 2.95 0.00	44.32 3.05 0.00	43.46 3.14 0.00	39.53 2.86 0.00	38.53 2.79 0.00	39.37 2.88 0.00	42.70 3.31 0.00	43.17 3.49 0.00	46.05 3.99 0.00	52.43 4.55 -1.46	58.10 5.03 -3.30	73.12 5.96 -11.45	76.10 6.67 -9.37	75.02 7.01 0.00	68.43 6.11 0.00	56.27 4.55 -0.01	48.87 3.93 -1.32	42.27 3.06 0.02
ST_LAW_115_BK7_LBMP 345037	40.13 -0.61 0.00	34.92 -0.68 0.00	32.08 -0.59 0.00	30.69 -0.56 0.00	30.84 -0.56 0.00	33.14 -0.50 0.00	40.30 -0.61 0.00	40.65 -0.62 0.00	39.72 -0.60 0.00	36.05 -0.62 0.00	35.13 -0.61 0.00	35.84 -0.66 0.00	38.76 -0.63 0.00	39.04 -0.64 0.00	41.34 -0.72 0.00	45.59 -0.83 0.00	48.93 -0.85 0.00	54.60 -1.11 0.00	58.86 -1.20 0.00	66.86 -1.16 0.00	61.27 -1.06 0.00	51.09 -0.62 0.00	43.14 -0.48 0.00	38.80 -0.43 0.00
ST_LAW_115_BK8_LBMP 345038	40.13 -0.61 0.00	34.92 -0.68 0.00	32.08 -0.59 0.00	30.69 -0.56 0.00	30.84 -0.56 0.00	33.14 -0.50 0.00	40.30 -0.61 0.00	40.65 -0.62 0.00	39.72 -0.60 0.00	36.05 -0.62 0.00	35.13 -0.61 0.00	35.84 -0.66 0.00	38.76 -0.63 0.00	39.04 -0.64 0.00	41.34 -0.72 0.00	45.59 -0.83 0.00	48.93 -0.85 0.00	54.60 -1.11 0.00	58.86 -1.20 0.00	66.86 -1.16 0.00	61.27 -1.06 0.00	51.09 -0.62 0.00	43.14 -0.48 0.00	38.80 -0.43 0.00
ST_LAW_230_BK5_LBMP 345035	40.13 -0.61 0.00	34.96 -0.64 0.00	32.11 -0.56 0.00	30.72 -0.53 0.00	30.87 -0.53 0.00	33.17 -0.47 0.00	40.34 -0.57 0.00	40.69 -0.58 0.00	39.75 -0.56 0.00	36.08 -0.59 0.00	35.17 -0.57 0.00	35.87 -0.62 0.00	38.80 -0.59 0.00	39.08 -0.59 0.00	41.38 -0.67 0.00	45.63 -0.79 0.00	48.98 -0.80 0.00	54.71 -1.00 0.00	58.98 -1.08 0.00	66.93 -1.09 0.00	61.33 -1.00 0.00	51.14 -0.57 0.00	43.14 -0.48 0.00	38.84 -0.39 0.00
ST_LAW_230_BK6_LBMP 345036	40.13 -0.61 0.00	34.96 -0.64 0.00	32.11 -0.56 0.00	30.72 -0.53 0.00	30.87 -0.53 0.00	33.17 -0.47 0.00	40.34 -0.57 0.00	40.69 -0.58 0.00	39.75 -0.56 0.00	36.08 -0.59 0.00	35.17 -0.57 0.00	35.87 -0.62 0.00	38.80 -0.59 0.00	39.08 -0.59 0.00	41.38 -0.67 0.00	45.63 -0.79 0.00	48.98 -0.80 0.00	54.71 -1.00 0.00	58.98 -1.08 0.00	66.93 -1.09 0.00	61.33 -1.00 0.00	51.14 -0.57 0.00	43.14 -0.48 0.00	38.84 -0.39 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	43.10 2.40 0.03	37.77 2.17 0.00	34.56 1.89 0.00	33.06 1.81 0.00	33.17 1.76 0.00	35.26 1.61 0.00	42.84 1.92 0.00	43.37 2.10 0.00	42.62 2.30 0.00	38.80 2.13 0.00	37.88 2.14 0.00	38.75 2.26 0.00	41.91 2.52 0.00	42.38 2.70 0.00	45.00 2.94 0.00	51.45 3.30 -1.73	57.26 3.58 -3.90	73.39 4.12 -13.56	75.54 4.38 -11.10	72.51 4.49 0.00	66.13 3.80 0.00	54.56 2.84 -0.01	47.09 2.53 -0.94	41.21 2.00 0.02
SWANROAD_115KV_TB1 355699	25.16 -5.70 9.88	25.58 -4.41 5.60	20.28 -4.18 8.20	20.53 -4.06 6.66	21.38 -4.05 5.98	24.32 -4.27 5.05	21.31 -4.79 14.82	20.81 -4.75 15.71	23.89 -4.80 11.63	23.01 -4.18 9.48	21.13 -4.29 10.32	21.89 -4.31 10.30	23.14 -4.84 11.40	23.25 -4.88 11.55	23.22 -5.34 13.49	26.56 -5.80 14.06	28.85 -6.27 14.66	31.60 -7.30 16.81	35.72 -7.87 16.47	41.93 -8.84 17.24	43.70 -7.92 10.71	37.59 -6.72 7.40	32.52 -5.98 5.13	28.54 -5.45 5.24
SYNERGY___BIOGAS 323694	29.52 -3.95 7.26	27.78 -3.03 4.79	23.22 -2.87 6.58	22.16 -2.81 6.28	23.05 -2.73 5.63	26.06 -2.83 4.76	25.52 -3.07 12.33	25.33 -3.14 12.80	28.86 -3.31 8.15	27.11 -2.93 6.62	25.50 -3.00 7.23	26.25 -3.03 7.21	27.97 -3.43 8.00	28.09 -3.49 8.10	28.17 -3.83 10.05	32.02 -4.18 10.23	34.44 -4.38 10.96	38.04 -5.01 12.66	42.63 -5.10 12.32	49.93 -5.17 12.91	49.49 -4.55 8.29	41.90 -4.03 5.78	35.05 -3.88 4.69	31.14 -3.61 4.48
SYRACUSE___ENERGY_ST1 323597	40.81 -0.53 -0.60	36.36 -0.32 -1.08	33.31 -0.33 -0.97	32.91 -0.31 -1.97	32.86 -0.31 -1.77	34.84 -0.30 -1.49	42.48 -0.29 -1.85	42.59 -0.33 -1.66	39.92 -0.40 0.00	36.30 -0.37 0.00	35.35 -0.39 0.00	36.13 -0.36 0.00	38.92 -0.47 0.00	39.16 -0.52 0.00	42.15 -0.55 -0.65	45.82 -0.60 0.00	49.08 -0.70 0.00	54.99 -0.72 0.00	59.28 -0.78 0.00	67.34 -0.68 0.00	61.70 -0.62 0.00	51.09 -0.62 0.00	44.00 -0.65 -1.03	39.83 -0.51 -1.11
SYRACUSE___ENERGY_ST2 323598	40.81 -0.53 -0.60	36.36 -0.32 -1.08	33.31 -0.33 -0.97	32.91 -0.31 -1.97	32.86 -0.31 -1.77	34.84 -0.30 -1.49	42.48 -0.29 -1.85	42.59 -0.33 -1.66	39.92 -0.40 0.00	36.30 -0.37 0.00	35.35 -0.39 0.00	36.13 -0.36 0.00	38.92 -0.47 0.00	39.16 -0.52 0.00	42.15 -0.55 -0.65	45.82 -0.60 0.00	49.08 -0.70 0.00	54.99 -0.72 0.00	59.28 -0.78 0.00	67.34 -0.68 0.00	61.70 -0.62 0.00	51.09 -0.62 0.00	44.00 -0.65 -1.03	39.83 -0.51 -1.11
SYRACUSE___POWER 24017	40.51 -0.57 -0.34	35.83 -0.39 -0.62	32.83 -0.39 -0.55	32.00 -0.38 -1.13	32.04 -0.38 -1.01	34.13 -0.37 -0.85	41.67 -0.33 -1.08	41.90 -0.33 -0.97	39.88 -0.44 0.00	36.30 -0.37 0.00	35.35 -0.39 0.00	36.13 -0.36 0.00	38.92 -0.47 0.00	39.16 -0.52 0.00	41.88 -0.55 -0.38	45.50 -0.56 0.36	48.55 -0.70 0.53	54.20 -0.72 0.78	58.38 -0.78 0.89	66.32 -0.75 0.95	60.80 -0.69 0.84	50.42 -0.67 0.61	43.21 -0.70 -0.29	39.28 -0.59 -0.63
TALLMAN__138KV_BK151 55660	43.43 2.73 0.03	38.05 2.46 0.00	34.79 2.12 0.00	33.28 2.03 0.00	33.39 1.98 0.00	35.50 1.85 0.00	43.12 2.21 0.00	43.70 2.43 0.00	42.98 2.66 0.00	39.16 2.49 0.00	38.24 2.50 0.00	39.12 2.63 0.00	42.34 2.95 0.00	42.81 3.13 0.00	45.46 3.41 0.00	52.05 3.81 -1.82	58.02 4.13 -4.11	74.68 4.68 -14.30	76.74 4.98 -11.70	73.12 5.10 0.00	66.56 4.24 0.00	54.97 3.26 -0.01	47.42 2.84 -0.97	41.53 2.31 0.02
TEALLAVE_115KV_TB7 355573	40.00 -0.73 0.00	35.06 -0.53 0.00	32.14 -0.52 0.00	30.75 -0.50 0.00	30.90 -0.50 0.00	33.14 -0.50 0.00	40.38 -0.53 0.00	40.73 -0.54 0.00	39.71 -0.60 0.00	36.16 -0.51 0.00	35.20 -0.54 0.00	35.98 -0.51 0.00	38.76 -0.63 0.00	39.00 -0.67 0.00	41.34 -0.71 0.00	45.15 -0.79 0.49	48.12 -0.95 0.72	53.65 -1.00 1.06	57.77 -1.08 1.21	65.65 -1.09 1.28	60.19 -1.00 1.14	49.95 -0.93 0.83	42.30 -0.92 0.40	38.49 -0.75 0.00
TELGRAPH_34_KV_EAST 80808	27.57 -4.77 8.40	26.74 -3.70 5.16	21.84 -3.50 7.34	21.38 -3.41 6.47	22.22 -3.39 5.80	25.21 -3.53 4.90	23.63 -3.89 13.40	23.30 -3.92 14.04	26.67 -3.99 9.65	25.29 -3.52 7.86	23.56 -3.61 8.57	24.33 -3.61 8.55	25.86 -4.06 9.47	25.96 -4.13 9.59	25.97 -4.54 11.54	29.62 -4.92 11.88	31.92 -5.23 12.63	35.22 -6.02 14.48	39.58 -6.37 14.11	46.36 -6.87 14.79	46.88 -6.11 9.34	39.89 -5.33 6.49	33.88 -4.84 4.90	29.95 -4.47 4.81

TEMPLE___115KV_TB 2 55572	40.00 -0.73 0.00	35.06 -0.53 0.00	32.18 -0.49 0.00	30.75 -0.50 0.00	30.94 -0.47 0.00	33.14 -0.50 0.00	40.42 -0.49 0.00	40.77 -0.50 0.00	39.75 -0.56 0.00	36.19 -0.48 0.00	35.24 -0.50 0.00	36.02 -0.47 0.00	38.80 -0.59 0.00	39.04 -0.63 0.00	41.38 -0.67 0.00	45.18 -0.74 0.50	48.16 -0.90 0.73	53.68 -0.95 1.08	57.81 -1.02 1.23	65.69 -1.02 1.31	60.23 -0.93 1.16	49.99 -0.88 0.84	42.34 -0.87 0.41	38.53 -0.71 0.00
TIANA___69_KV_BK 1 55817	45.36 4.28 -0.35	39.37 3.77 0.00	35.77 3.10 0.00	34.06 2.81 0.00	33.98 2.58 0.00	36.37 2.73 0.00	43.66 2.74 0.00	45.10 3.84 0.00	45.15 4.76 -0.07	41.20 4.40 -0.13	46.62 3.79 -7.09	44.80 3.72 -4.58	48.52 4.33 -4.80	49.53 4.56 -5.29	49.67 4.63 -2.99	53.30 4.92 -1.96	59.53 5.33 -4.42	76.37 5.29 -15.37	78.64 6.01 -12.58	74.48 6.46 0.00	66.75 4.43 0.00	56.00 4.29 0.00	48.68 4.06 -1.00	43.55 3.49 -0.83
TILDEN___115KV_TB1 80814	40.51 -0.57 -0.34	35.83 -0.39 -0.62	32.83 -0.39 -0.55	32.00 -0.38 -1.13	32.04 -0.38 -1.01	34.13 -0.37 -0.85	41.67 -0.33 -1.08	41.90 -0.33 -0.97	39.88 -0.44 0.00	36.30 -0.37 0.00	35.35 -0.39 0.00	36.13 -0.36 0.00	38.92 -0.47 0.00	39.16 -0.52 0.00	41.88 -0.55 -0.38	45.50 -0.56 0.36	48.55 -0.70 0.53	54.20 -0.72 0.78	58.38 -0.78 0.89	66.32 -0.75 0.95	60.80 -0.69 0.84	50.42 -0.67 0.61	43.21 -0.70 -0.29	39.28 -0.59 -0.63
TRIGEN___CC 323695	44.67 3.58 -0.35	38.84 3.24 0.00	35.28 2.61 0.00	33.72 2.47 0.00	33.70 2.29 0.00	35.87 2.22 0.00	43.45 2.54 0.00	44.40 3.14 0.00	43.90 3.51 -0.07	40.10 3.30 -0.13	46.05 3.22 -7.09	44.40 3.32 -4.58	47.85 3.66 -4.80	49.07 3.81 -5.59	49.37 4.12 -3.20	52.86 4.46 -1.98	58.88 4.68 -4.42	76.04 4.96 -15.37	78.04 5.41 -12.58	73.80 5.78 0.00	66.56 4.24 0.00	55.66 3.93 -0.02	48.29 3.66 -1.00	43.20 3.14 -0.83
TRINITY___115KV___ 4 BK 55933	41.96 1.22 0.00	36.74 1.14 0.00	33.68 1.01 0.00	32.22 0.97 0.00	32.35 0.94 0.00	34.55 0.91 0.00	41.77 0.86 0.00	41.96 0.70 0.00	41.09 0.77 0.00	37.40 0.73 0.00	36.49 0.75 0.00	37.18 0.69 0.00	40.22 0.83 0.00	40.51 0.83 0.00	42.98 0.93 0.00	47.32 0.97 0.08	50.79 1.19 0.18	56.30 1.23 0.63	61.04 1.50 0.52	69.65 1.63 0.00	63.95 1.62 0.00	53.10 1.34 -0.05	47.77 1.18 -2.97	40.29 1.06 0.00
UNION___PROCESSING_DRP 323587	34.87 -3.26 2.61	29.73 -2.56 3.30	26.80 -2.42 3.45	23.39 -2.38 5.49	24.22 -2.26 4.92	27.13 -2.36 4.16	30.32 -2.66 7.94	30.90 -2.68 7.68	36.60 -2.74 0.98	33.66 -2.38 0.63	32.49 -2.39 0.85	33.26 -2.41 0.82	35.70 -2.72 0.97	35.91 -2.78 0.99	36.13 -3.07 2.86	40.80 -3.30 2.33	43.39 -3.48 2.91	47.82 -4.01 3.88	52.81 -4.14 3.10	60.43 -4.29 3.30	55.55 -3.86 2.92	46.13 -3.46 2.11	36.69 -3.27 3.66	33.45 -2.98 2.80
UPPER HUDSON___HYD 24058	43.87 3.14 0.00	38.41 2.81 0.00	35.22 2.55 0.00	33.62 2.37 0.00	33.79 2.39 0.00	36.17 2.52 0.00	43.74 2.82 0.00	43.70 2.43 0.00	42.54 2.22 0.00	38.50 1.83 0.00	37.49 1.75 0.00	37.77 1.28 0.00	40.81 1.42 0.00	41.03 1.35 0.00	43.23 1.18 0.00	48.18 1.86 0.10	51.97 2.39 0.20	58.31 3.29 0.69	63.70 4.20 0.56	73.87 5.85 0.00	68.25 5.92 0.00	56.55 4.75 -0.08	52.07 3.88 -4.57	42.53 3.30 0.00
UPPER RAQUET___HYD 24056	39.92 -0.81 0.00	34.71 -0.89 0.00	31.88 -0.78 0.00	30.53 -0.72 0.00	30.62 -0.78 0.00	32.97 -0.67 0.00	40.01 -0.90 0.00	40.36 -0.91 0.00	39.27 -1.05 0.00	35.46 -1.21 0.00	34.56 -1.18 0.00	35.07 -1.42 0.00	37.97 -1.42 0.00	38.17 -1.51 0.00	40.20 -1.85 0.00	44.24 -2.18 0.00	47.54 -2.24 0.00	53.20 -2.51 0.00	57.42 -2.64 0.00	65.43 -2.58 0.00	60.21 -2.12 0.00	50.47 -1.24 0.00	42.88 -0.74 0.00	38.57 -0.67 0.00
VALLEY44_115KV_TB2 355964	27.08 -3.01 10.64	27.84 -2.28 5.48	21.73 -2.16 8.78	23.09 -2.19 5.98	23.44 -2.61 5.36	26.35 -2.76 4.53	20.62 -3.11 17.18	19.56 -3.26 18.44	23.47 -3.31 13.54	22.90 -2.82 10.94	20.62 -3.11 12.01	21.49 -3.03 11.97	22.63 -3.47 13.29	22.73 -3.49 13.46	23.00 -3.74 15.31	26.21 -4.09 16.13	29.24 -3.29 17.25	32.83 -3.73 19.14	39.03 -3.30 17.72	45.86 -3.60 18.55	47.82 -3.12 11.39	40.87 -2.95 7.89	35.95 -2.88 4.79	31.65 -2.67 4.92
VALLEY___115KV_TB 1-4 80826	40.33 -0.41 0.00	35.24 -0.36 0.00	32.37 -0.29 0.00	30.97 -0.28 0.00	31.12 -0.28 0.00	33.34 -0.30 0.00	40.46 -0.45 0.00	40.77 -0.50 0.00	39.75 -0.56 0.00	36.05 -0.62 0.00	35.13 -0.61 0.00	35.87 -0.62 0.00	38.72 -0.67 0.00	39.04 -0.63 0.00	41.34 -0.71 0.00	45.59 -0.84 0.00	48.88 -0.90 0.00	54.82 -0.89 0.00	59.16 -0.90 0.00	66.93 -1.09 0.00	61.39 -0.93 0.00	50.88 -0.83 0.00	43.01 -0.61 0.00	38.68 -0.55 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	42.61 1.63 -0.24	37.68 1.46 -0.62	34.59 1.37 -0.56	33.73 1.34 -1.13	33.71 1.29 -1.02	35.82 1.31 -0.86	45.17 1.64 -2.62	45.60 1.69 -2.65	42.37 1.53 -0.52	38.22 1.21 -0.34	37.34 1.14 -0.45	38.17 1.24 -0.44	41.28 1.38 -0.52	41.75 1.55 -0.53	44.61 1.60 -0.96	48.82 1.72 -0.68	52.41 1.79 -0.84	59.58 2.34 -1.53	63.30 2.46 -0.78	70.64 2.58 -0.03	64.65 2.31 -0.02	53.54 1.81 -0.02	46.60 1.48 -1.50	41.06 1.26 -0.57
VISCHER___FERRY HYD 24020	42.61 1.87 0.00	37.31 1.71 0.00	34.20 1.54 0.00	32.69 1.44 0.00	32.85 1.45 0.00	35.09 1.45 0.00	42.35 1.43 0.00	42.46 1.20 0.00	41.49 1.17 0.00	37.77 1.10 0.00	36.85 1.11 0.00	37.48 0.99 0.00	40.53 1.14 0.00	40.91 1.23 0.00	43.31 1.26 0.00	47.84 1.49 0.07	51.57 1.79 0.00	57.71 2.00 0.00	62.52 2.46 0.00	70.74 2.72 0.00	65.13 2.81 0.00	54.16 2.38 -0.07	49.60 2.01 -3.97	40.96 1.72 0.00
V_A_10_SYNC_DSASP 323832	27.61 -5.01 8.12	27.10 -3.99 4.51	22.53 -3.76 6.38	21.71 -3.66 5.88	22.59 -3.55 5.27	25.46 -3.73 4.46	24.77 -4.38 11.77	24.69 -4.33 12.24	28.17 -4.35 7.79	26.53 -3.81 6.33	24.96 -3.86 6.92	25.73 -3.87 6.90	27.41 -4.33 7.65	27.49 -4.44 7.74	27.64 -4.84 9.58	31.27 -5.25 9.91	33.23 -5.58 10.97	36.56 -6.41 12.75	40.79 -6.85 12.42	47.44 -7.55 13.03	47.13 -6.79 8.40	40.00 -5.84 5.87	33.70 -5.23 4.69	29.65 -4.75 4.83
V_CMM_10_SYNC_DSASP 323787	40.29 -0.45 0.00	35.06 -0.53 0.00	32.21 -0.46 0.00	30.81 -0.44 0.00	30.94 -0.47 0.00	33.28 -0.37 0.00	40.46 -0.45 0.00	40.81 -0.45 0.00	39.88 -0.44 0.00	36.16 -0.51 0.00	35.24 -0.50 0.00	35.98 -0.51 0.00	38.96 -0.43 0.00	39.24 -0.44 0.00	41.51 -0.55 0.00	45.87 -0.56 0.00	49.08 -0.70 0.00	54.60 -1.11 0.00	58.86 -1.20 0.00	66.86 -1.16 0.00	61.27 -1.06 0.00	51.29 -0.41 0.00	43.36 -0.26 0.00	39.00 -0.24 0.00
V_CMP_10_SYNC_DSASP 323788	40.00 -0.73 0.00	34.81 -0.78 0.00	32.05 -0.62 0.00	30.66 -0.59 0.00	30.75 -0.66 0.00	33.07 -0.57 0.00	40.22 -0.70 0.00	40.52 -0.74 0.00	39.59 -0.73 0.00	35.86 -0.81 0.00	34.92 -0.82 0.00	35.69 -0.80 0.00	38.64 -0.75 0.00	38.96 -0.71 0.00	41.21 -0.84 0.00	45.54 -0.88 0.00	48.83 -0.95 0.00	54.60 -1.11 0.00	58.80 -1.26 0.00	66.93 -1.09 0.00	61.33 -1.00 0.00	51.09 -0.62 0.00	43.05 -0.57 0.00	38.84 -0.39 0.00

V_D_10_SYNC_DSASP 323841	40.41 -0.33 0.00	35.14 -0.46 0.00	32.28 -0.39 0.00	30.88 -0.38 0.00	31.00 -0.41 0.00	33.34 -0.30 0.00	40.51 -0.41 0.00	40.89 -0.37 0.00	39.92 -0.40 0.00	36.16 -0.51 0.00	35.24 -0.50 0.00	35.94 -0.55 0.00	38.92 -0.47 0.00	39.20 -0.48 0.00	41.46 -0.59 0.00	45.77 -0.65 0.00	49.03 -0.75 0.00	54.76 -0.95 0.00	59.04 -1.02 0.00	67.13 -0.88 0.00	61.51 -0.81 0.00	51.40 -0.31 0.00	43.45 -0.17 0.00	39.08 -0.16 0.00
V_E_10_SYNC_DSASP 323830	44.77 1.51 -2.53	39.27 1.39 -2.29	36.92 1.34 -2.92	35.88 1.34 -3.28	35.61 1.26 -2.94	37.65 1.51 -2.49	48.09 1.76 -5.42	48.44 1.69 -5.48	44.05 0.85 -2.88	39.19 0.18 -2.34	38.19 -0.11 -2.56	39.00 -0.04 -2.55	42.18 -0.04 -2.83	42.70 0.16 -2.86	45.92 -0.04 -3.91	49.47 0.00 -3.05	52.92 -0.05 -3.19	60.31 0.78 -3.82	64.62 1.20 -3.36	72.52 1.56 -2.94	65.33 1.56 -1.45	53.86 1.19 -0.96	46.43 0.65 -2.15	41.77 0.59 -1.95
V_F_30_NSYNC___DSASP 323816	43.10 2.36 0.00	37.73 2.14 0.00	34.59 1.93 0.00	33.06 1.81 0.00	33.23 1.82 0.00	35.53 1.88 0.00	42.92 2.00 0.00	43.00 1.73 0.00	41.93 1.61 0.00	38.06 1.39 0.00	37.06 1.32 0.00	37.66 1.17 0.00	40.69 1.30 0.00	40.95 1.27 0.00	43.36 1.30 0.00	48.00 1.67 0.09	51.66 2.09 0.21	57.48 2.51 0.74	62.57 3.12 0.60	72.03 4.01 0.00	66.38 4.05 0.00	55.10 3.31 -0.08	50.89 2.75 -4.52	41.59 2.35 0.00
V_F_30_SYNC_DSASP 323786	42.08 1.34 0.00	36.84 1.25 0.00	33.78 1.11 0.00	32.31 1.06 0.00	32.44 1.04 0.00	34.65 1.01 0.00	41.90 0.98 0.00	42.09 0.83 0.00	41.21 0.89 0.00	37.48 0.81 0.00	36.56 0.82 0.00	37.26 0.77 0.00	40.30 0.91 0.00	40.63 0.95 0.00	43.06 1.01 0.00	47.41 1.07 0.08	50.94 1.34 0.18	56.47 1.39 0.63	61.22 1.68 0.52	69.99 1.97 0.00	64.26 1.93 0.00	53.32 1.55 -0.06	48.33 1.35 -3.36	40.45 1.22 0.00
V_XM_10_SYNC_DSASP 323789	40.00 -0.73 0.00	34.81 -0.78 0.00	32.05 -0.62 0.00	30.66 -0.59 0.00	30.75 -0.66 0.00	33.07 -0.57 0.00	40.22 -0.70 0.00	40.52 -0.74 0.00	39.59 -0.73 0.00	35.86 -0.81 0.00	34.92 -0.82 0.00	35.69 -0.80 0.00	38.64 -0.75 0.00	38.96 -0.71 0.00	41.21 -0.84 0.00	45.54 -0.88 0.00	48.83 -0.95 0.00	54.60 -1.11 0.00	58.80 -1.26 0.00	66.93 -1.09 0.00	61.33 -1.00 0.00	51.09 -0.62 0.00	43.05 -0.57 0.00	38.84 -0.39 0.00
W.BABYLN_69_KV_BK1 56697	45.61 4.52 -0.35	39.62 4.02 0.00	35.93 3.27 0.00	34.25 3.00 0.00	34.20 2.80 0.00	36.44 2.79 0.00	44.07 3.15 0.00	45.27 4.00 0.00	44.87 4.48 -0.07	40.94 4.14 -0.13	46.76 3.93 -7.09	45.09 4.01 -4.58	48.60 4.41 -4.80	49.61 4.56 -5.37	50.02 4.92 -3.04	53.63 5.25 -1.96	59.78 5.58 -4.42	76.82 5.74 -15.37	79.06 6.43 -12.58	75.02 7.01 0.00	67.44 5.11 0.00	56.47 4.76 -0.01	49.16 4.54 -1.00	44.06 4.00 -0.83
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.55 2.85 0.03	38.16 2.56 0.00	34.89 2.22 0.00	33.38 2.13 0.00	33.48 2.07 0.00	35.56 1.92 0.00	43.21 2.29 0.00	43.78 2.52 0.00	43.06 2.74 0.00	39.24 2.57 0.00	38.31 2.57 0.00	39.19 2.70 0.00	42.42 3.03 0.00	42.89 3.21 0.00	45.58 3.53 0.00	52.17 3.90 -1.85	58.23 4.28 -4.18	75.06 4.85 -14.51	77.10 5.16 -11.88	73.32 5.31 0.00	66.81 4.49 0.00	55.13 3.41 -0.01	47.56 2.97 -0.97	41.61 2.39 0.02
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.96 3.26 0.03	38.55 2.95 0.00	35.22 2.55 0.00	33.75 2.50 0.00	33.83 2.42 0.00	35.90 2.25 0.00	43.62 2.70 0.00	44.28 3.01 0.00	43.63 3.31 0.00	39.83 3.15 0.00	39.37 3.18 -0.45	41.85 3.32 -2.04	48.12 3.66 -5.06	53.67 3.85 -10.14	57.83 4.21 -11.57	65.05 4.64 -13.98	66.32 5.08 -11.47	76.66 5.57 -15.38	78.52 5.89 -12.58	74.14 6.12 0.00	67.31 4.99 0.00	55.64 3.93 -0.01	48.11 3.49 -1.00	42.04 2.82 0.02
W50THST__13_KV_LOAD 356117	44.12 3.42 0.03	38.69 3.10 0.00	35.38 2.71 0.00	33.88 2.63 0.00	33.95 2.54 0.00	36.07 2.42 0.00	43.82 2.90 0.00	44.48 3.22 0.00	43.87 3.55 0.00	40.01 3.34 0.00	39.62 3.43 -0.45	42.11 3.58 -2.04	48.39 3.94 -5.06	53.95 4.13 -10.14	58.12 4.50 -11.57	65.37 4.97 -13.98	66.67 5.43 -11.47	77.05 5.96 -15.38	78.88 6.25 -12.58	74.48 6.46 0.00	67.62 5.30 0.00	55.90 4.19 -0.01	48.29 3.66 -1.00	42.20 2.98 0.02
WADING RIVER_IC_1 23522	45.08 3.99 -0.35	39.30 3.70 0.00	35.54 2.88 0.00	33.88 2.63 0.00	33.79 2.39 0.00	36.20 2.56 0.00	43.90 2.99 0.00	45.43 4.17 0.00	44.91 4.51 -0.07	41.01 4.22 -0.13	46.26 3.43 -7.09	44.43 3.36 -4.58	48.12 3.94 -4.80	49.18 4.20 -5.29	49.12 4.08 -2.99	52.74 4.36 -1.96	59.00 4.83 -4.39	75.42 4.46 -15.25	77.65 5.10 -12.49	73.46 5.44 0.00	65.81 3.49 0.00	55.33 3.62 0.00	48.24 3.62 -1.00	43.12 3.06 -0.83
WADING RIVER_IC_2 23547	45.08 3.99 -0.35	39.30 3.70 0.00	35.54 2.88 0.00	33.88 2.63 0.00	33.79 2.39 0.00	36.20 2.56 0.00	43.90 2.99 0.00	45.43 4.17 0.00	44.91 4.51 -0.07	41.01 4.22 -0.13	46.26 3.43 -7.09	44.43 3.36 -4.58	48.12 3.94 -4.80	49.18 4.20 -5.29	49.12 4.08 -2.99	52.74 4.36 -1.96	59.00 4.83 -4.39	75.42 4.46 -15.25	77.65 5.10 -12.49	73.46 5.44 0.00	65.81 3.49 0.00	55.33 3.62 0.00	48.24 3.62 -1.00	43.12 3.06 -0.83
WADING RIVER_IC_3 23601	45.08 3.99 -0.35	39.30 3.70 0.00	35.54 2.88 0.00	33.88 2.63 0.00	33.79 2.39 0.00	36.20 2.56 0.00	43.90 2.99 0.00	45.43 4.17 0.00	44.91 4.51 -0.07	41.01 4.22 -0.13	46.26 3.43 -7.09	44.43 3.36 -4.58	48.12 3.94 -4.80	49.18 4.20 -5.29	49.12 4.08 -2.99	52.74 4.36 -1.96	59.00 4.83 -4.39	75.42 4.46 -15.25	77.65 5.10 -12.49	73.46 5.44 0.00	65.81 3.49 0.00	55.33 3.62 0.00	48.24 3.62 -1.00	43.12 3.06 -0.83
WALDENNY_12_KV_BK2 80841	23.71 -4.77 12.26	25.38 -3.74 6.48	18.84 -3.56 10.26	20.60 -3.47 7.18	21.42 -3.55 6.44	24.47 -3.73 5.44	19.32 -4.13 17.46	18.38 -4.13 18.76	21.03 -4.15 15.14	20.67 -3.63 12.37	18.51 -3.79 13.44	19.28 -3.80 13.42	20.29 -4.25 14.85	20.40 -4.25 15.03	20.42 -4.63 17.01	23.47 -5.06 17.89	25.62 -5.13 19.03	28.76 -5.85 21.10	33.39 -6.25 20.42	39.78 -6.87 21.37	43.22 -6.11 12.99	37.41 -5.33 8.97	33.15 -4.84 5.63	28.97 -4.43 5.83
WALDEN___HYDRO 24148	43.35 2.65 0.03	37.98 2.39 0.00	34.76 2.09 0.00	33.25 2.00 0.00	33.32 1.92 0.00	35.43 1.78 0.00	43.08 2.17 0.00	43.57 2.31 0.00	42.78 2.46 0.00	38.94 2.27 0.00	37.99 2.25 0.00	38.86 2.37 0.00	42.07 2.68 0.00	42.49 2.82 0.00	45.21 3.15 0.00	51.72 3.53 -1.76	57.59 3.83 -3.98	73.99 4.46 -13.83	76.18 4.80 -11.32	73.05 5.03 0.00	66.56 4.24 0.00	54.92 3.21 -0.01	47.40 2.79 -0.99	41.45 2.24 0.02
WARRENSBURG____ 23737	43.87 3.14 0.00	38.41 2.81 0.00	35.22 2.55 0.00	33.63 2.38 0.00	33.79 2.39 0.00	36.14 2.49 0.00	43.74 2.82 0.00	43.70 2.43 0.00	42.54 2.22 0.00	38.50 1.83 0.00	37.49 1.75 0.00	37.77 1.28 0.00	40.81 1.42 0.00	40.99 1.31 0.00	43.19 1.14 0.00	48.18 1.86 0.10	52.00 2.44 0.22	58.24 3.29 0.76	63.64 4.20 0.62	73.87 5.85 0.00	68.25 5.92 0.00	56.55 4.76 -0.08	52.08 3.88 -4.57	42.53 3.30 0.00

WATERSIDE___6 8 9 23538	44.13 3.42 0.03	38.70 3.10 -0.01	35.35 2.68 -0.01	33.88 2.63 -0.01	33.93 2.51 -0.01	36.00 2.36 0.00	43.57 2.66 0.00	44.23 2.97 0.00	43.54 3.23 0.00	39.79 3.12 0.00	39.31 3.11 -0.47	41.84 3.25 -2.10	48.23 3.62 -5.21	53.89 3.77 -10.44	58.04 4.08 -11.91	65.21 4.46 -14.34	66.28 4.83 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	74.00 5.99 0.00	67.12 4.80 0.00	55.75 4.03 -0.01	48.25 3.62 -1.01	42.20 2.98 0.01
WATKINRD_115KV_LN8_ILLION 55919	40.53 -0.20 0.00	35.42 -0.18 0.00	32.54 -0.13 0.00	31.13 -0.13 0.00	31.28 -0.13 0.00	33.51 -0.13 0.00	40.67 -0.25 0.00	41.02 -0.25 0.00	40.00 -0.32 0.00	36.34 -0.33 0.00	35.38 -0.36 0.00	36.16 -0.33 0.00	39.04 -0.35 0.00	39.32 -0.36 0.00	41.63 -0.42 0.00	45.96 -0.46 0.00	49.28 -0.50 0.00	55.21 -0.50 0.00	59.58 -0.48 0.00	67.41 -0.61 0.00	61.83 -0.50 0.00	51.24 -0.47 0.00	43.32 -0.31 0.00	38.96 -0.27 0.00
WDELAWARE___HYD 323627	43.23 2.53 0.04	37.84 2.24 0.00	34.59 1.93 0.00	33.06 1.81 0.00	33.13 1.73 0.00	35.23 1.58 0.00	42.96 2.04 0.00	43.45 2.19 0.00	42.54 2.22 0.00	38.61 1.94 0.00	37.67 1.93 0.00	38.53 2.04 0.00	41.71 2.32 0.00	42.22 2.54 0.00	44.87 2.82 0.00	51.18 3.30 -1.46	56.59 3.59 -3.23	71.28 4.35 -11.22	74.05 4.81 -9.19	73.12 5.10 0.00	66.62 4.30 0.00	54.92 3.21 -0.01	47.37 2.75 -1.00	41.33 2.12 0.02
WEST BABYLON___IC 23714	45.61 4.52 -0.35	39.62 4.02 0.00	35.93 3.27 0.00	34.25 3.00 0.00	34.20 2.80 0.00	36.44 2.79 0.00	44.07 3.15 0.00	45.27 4.00 0.00	44.87 4.48 -0.07	40.94 4.14 -0.13	46.76 3.93 -7.09	45.09 4.01 -4.58	48.60 4.41 -4.80	49.61 4.56 -5.37	50.02 4.92 -3.04	53.63 5.25 -1.96	59.78 5.58 -4.42	76.82 5.74 -15.37	79.06 6.43 -12.58	75.02 7.01 0.00	67.44 5.11 0.00	56.47 4.76 -0.01	49.16 4.54 -1.00	44.06 4.00 -0.83
WEST CANADA___HYD 24049	40.90 0.16 0.00	35.74 0.14 0.00	32.83 0.16 0.00	31.41 0.16 0.00	31.53 0.13 0.00	33.75 0.10 0.00	41.04 0.12 0.00	41.35 0.08 0.00	40.40 0.08 0.00	36.74 0.07 0.00	35.81 0.07 0.00	36.56 0.07 0.00	39.47 0.08 0.00	39.76 0.08 0.00	42.14 0.08 0.00	46.52 0.09 0.00	49.88 0.10 0.00	55.82 0.11 0.00	60.24 0.18 0.00	68.15 0.14 0.00	62.45 0.12 0.00	51.81 0.10 0.00	43.71 0.09 0.00	39.31 0.08 0.00
WESTERN_NY_WIND 24143	29.00 -4.03 7.71	27.56 -3.10 4.94	22.85 -2.94 6.87	22.03 -2.88 6.35	22.92 -2.80 5.69	25.91 -2.93 4.81	25.02 -3.15 12.75	24.76 -3.22 13.29	28.19 -3.39 8.74	26.56 -3.01 7.11	24.91 -3.07 7.76	25.62 -3.14 7.73	27.31 -3.51 8.57	27.43 -3.57 8.68	27.47 -3.95 10.63	31.28 -4.27 10.87	33.68 -4.48 11.61	37.22 -5.13 13.37	41.75 -5.28 13.02	49.00 -5.37 13.65	48.89 -4.74 8.70	41.46 -4.19 6.06	34.84 -4.01 4.77	30.90 -3.73 4.61
WESTOVER___LESR 323668	42.74 0.12 -1.89	37.74 0.25 -1.89	35.20 0.20 -2.34	34.21 0.19 -2.78	34.05 0.16 -2.49	35.92 0.17 -2.10	46.95 0.82 -5.21	47.36 0.83 -5.27	42.09 0.73 -1.04	37.97 0.62 -0.67	37.18 0.54 -0.91	37.95 0.58 -0.87	41.05 0.63 -1.03	41.37 0.63 -1.05	44.68 0.71 -1.91	48.21 0.79 -1.00	50.75 -0.05 -1.02	57.24 0.06 -1.47	59.70 -0.30 0.06	67.00 -0.34 0.68	61.45 -0.25 0.63	50.83 -0.41 0.46	44.39 -0.52 -1.30	39.87 -0.47 -1.11
WETHRSFD_WT_PWR 323626	5.95 -4.36 30.43	17.14 -3.38 15.08	3.05 -3.14 26.48	13.94 -3.06 14.25	15.57 -3.05 12.79	19.64 -3.20 10.81	2.99 -3.27 34.65	-0.53 -3.26 38.53	-6.26 -3.35 43.24	-2.31 -3.01 35.98	-5.78 -3.07 38.45	-5.14 -3.14 38.49	-6.44 -3.47 42.36	-6.66 -3.49 42.85	-7.30 -3.70 45.65	-6.37 -4.18 48.62	-4.81 -4.48 50.11	-4.04 -4.96 54.79	-0.53 -5.95 54.64	4.43 -6.53 57.05	23.96 -5.61 32.76	24.42 -4.81 22.48	28.26 -4.36 11.00	23.27 -4.04 11.93
WHAVSTOR_138KV_BK127 55557	43.39 2.69 0.03	38.02 2.42 0.00	34.79 2.12 0.00	33.28 2.03 0.00	33.39 1.98 0.00	35.46 1.82 0.00	43.08 2.17 0.00	43.66 2.39 0.00	42.94 2.62 0.00	39.16 2.49 0.00	38.24 2.50 0.00	39.12 2.63 0.00	42.30 2.91 0.00	42.77 3.09 0.00	45.46 3.41 0.00	52.04 3.76 -1.86	58.05 4.08 -4.19	74.89 4.62 -14.55	76.83 4.86 -11.91	73.05 5.03 0.00	66.50 4.18 0.00	54.92 3.21 -0.01	47.43 2.84 -0.97	41.49 2.28 0.02
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	43.39 2.69 0.03	38.02 2.42 0.00	34.79 2.12 0.00	33.28 2.03 0.00	33.39 1.98 0.00	35.46 1.82 0.00	43.08 2.17 0.00	43.66 2.39 0.00	42.94 2.62 0.00	39.16 2.49 0.00	38.24 2.50 0.00	39.12 2.63 0.00	42.30 2.91 0.00	42.77 3.09 0.00	45.46 3.41 0.00	52.04 3.76 -1.86	58.05 4.08 -4.19	74.89 4.62 -14.55	76.83 4.86 -11.91	73.05 5.03 0.00	66.50 4.18 0.00	54.92 3.21 -0.01	47.43 2.84 -0.97	41.49 2.28 0.02
WHITEHAL_115KV_TB1 80871	44.48 3.75 0.00	38.94 3.35 0.00	35.71 3.04 0.00	34.09 2.84 0.00	34.27 2.86 0.00	36.67 3.03 0.00	44.35 3.44 0.00	44.15 2.89 0.00	42.90 2.58 0.00	38.76 2.09 0.00	37.70 1.97 0.00	37.99 1.50 0.00	41.04 1.65 0.00	41.22 1.55 0.00	43.44 1.39 0.00	48.42 2.09 0.10	52.40 2.84 0.22	58.69 3.73 0.75	64.37 4.92 0.61	75.23 7.21 0.00	69.62 7.29 0.00	57.69 5.89 -0.08	52.92 4.75 -4.54	43.23 4.00 0.00
WHITEPLN_13_KV_LOAD 356215	44.00 3.30 0.03	38.59 2.99 0.00	35.28 2.61 0.00	33.78 2.53 0.00	33.86 2.45 0.00	35.97 2.32 0.00	43.66 2.74 0.00	44.28 3.01 0.00	43.58 3.27 0.00	39.72 3.04 0.00	38.78 3.04 0.00	39.70 3.21 0.00	42.93 3.55 0.00	43.49 3.81 0.00	46.21 4.16 0.00	53.02 4.64 -1.95	59.26 5.08 -4.41	76.81 5.79 -15.31	78.77 6.19 -12.53	74.41 6.39 0.00	67.68 5.36 0.00	55.75 4.03 -0.01	48.11 3.49 -1.00	42.12 2.90 0.02
WM_FLOYD_69_KV_BK2 356380	45.32 4.24 -0.35	39.34 3.74 0.00	35.74 3.07 0.00	34.06 2.81 0.00	33.98 2.58 0.00	36.34 2.69 0.00	43.62 2.70 0.00	44.98 3.71 0.00	44.91 4.52 -0.07	40.94 4.14 -0.13	46.44 3.61 -7.09	44.61 3.54 -4.58	48.24 4.06 -4.80	49.22 4.25 -5.30	49.42 4.37 -2.99	52.98 4.60 -1.96	59.13 4.93 -4.42	75.93 4.85 -15.37	78.16 5.53 -12.58	74.00 5.99 0.00	66.38 4.05 0.00	55.79 4.08 0.00	48.59 3.97 -1.00	43.51 3.45 -0.83
WOODARD__115KV_TB2 355635	40.27 -0.77 -0.31	35.58 -0.57 -0.55	32.60 -0.56 -0.49	31.72 -0.53 -1.00	31.80 -0.50 -0.90	33.86 -0.54 -0.76	41.25 -0.57 -0.91	41.50 -0.58 -0.81	39.67 -0.65 0.00	36.12 -0.55 0.00	35.17 -0.57 0.00	35.94 -0.55 0.00	38.72 -0.67 0.00	38.92 -0.75 0.00	41.57 -0.80 -0.32	45.26 -0.84 0.33	48.30 -1.00 0.48	53.94 -1.06 0.71	58.11 -1.14 0.81	66.01 -1.16 0.86	60.51 -1.06 0.76	50.17 -0.98 0.55	42.96 -0.92 -0.25	39.05 -0.75 -0.56
YORK___WARBASSE 23770	44.30 3.58 0.02	38.85 3.24 -0.01	35.42 2.74 -0.01	33.92 2.66 -0.01	33.99 2.58 -0.01	36.00 2.36 0.00	43.57 2.66 0.00	44.15 2.89 0.00	43.46 3.14 0.00	39.72 3.04 0.00	39.28 3.07 -0.47	41.84 3.25 -2.10	48.26 3.66 -5.21	53.97 3.85 -10.44	58.08 4.12 -11.91	65.17 4.41 -14.34	66.28 4.83 -11.67	76.55 5.46 -15.38	78.40 5.77 -12.58	73.94 5.92 0.00	67.00 4.67 0.00	55.90 4.19 -0.01	48.51 3.88 -1.01	42.40 3.18 0.01