

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$															--- Marginal Cost of Losses															--- Marginal Cost of Congestion															03/08/2025		
Name	PTID	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																								
59TH STREET_GT_1	24138	48.89	45.58	42.82	42.50	42.75	45.56	53.13	51.33	46.00	40.67	39.49	38.56	36.62	35.37	35.98	39.75	44.61	56.08	69.06	63.51	57.69	54.73	49.90	47.35																								
		2.33	2.09	2.04	2.02	2.07	2.13	2.45	2.86	2.64	2.38	2.31	2.22	2.20	2.13	2.13	2.32	2.79	3.47	4.05	3.83	3.42	3.19	2.74	2.55																								
		-0.94	0.00	0.00	0.00	0.00	0.00	-2.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-2.33	-2.68	-1.64	-2.44	-1.75	-1.40	-0.01																								
74TH STREET_GT_1	24260	48.98	45.75	42.94	42.66	42.87	45.65	53.28	51.42	46.09	40.78	39.61	38.67	36.72	35.47	36.11	39.86	44.77	56.23	69.25	63.68	57.79	54.87	50.03	47.49																								
		2.42	2.26	2.16	2.19	2.20	2.22	2.60	2.96	2.73	2.49	2.42	2.33	2.31	2.23	2.27	2.43	2.96	3.62	4.24	4.00	3.52	3.34	2.88	2.69																								
		-0.94	0.00	0.00	0.00	0.00	0.00	-2.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-2.33	-2.68	-1.64	-2.44	-1.75	-1.40	-0.01																								
74TH STREET_GT_2	24261	48.98	45.75	42.94	42.66	42.87	45.65	53.28	51.42	46.09	40.78	39.61	38.67	36.72	35.47	36.11	39.86	44.77	56.23	69.25	63.68	57.79	54.87	50.03	47.49																								
		2.42	2.26	2.16	2.19	2.20	2.22	2.60	2.96	2.73	2.49	2.42	2.33	2.31	2.23	2.27	2.43	2.96	3.62	4.24	4.00	3.52	3.34	2.88	2.69																								
		-0.94	0.00	0.00	0.00	0.00	0.00	-2.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-2.33	-2.68	-1.64	-2.44	-1.75	-1.40	-0.01																								
ADK HUDSON___FALLS	24011	58.88	47.10	44.12	43.75	44.01	47.00	77.86	52.44	46.56	40.97	39.72	38.75	36.62	35.43	36.14	40.16	46.38	77.99	94.53	79.45	80.74	71.50	63.70	48.78																								
		3.92	3.61	3.34	3.28	3.34	3.56	4.14	3.97	3.21	2.68	2.53	2.40	2.20	2.19	2.30	2.73	3.59	4.47	5.49	5.05	4.56	4.23	3.98	3.90																								
		-9.34	0.00	0.00	0.00	0.00	0.00	-25.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.08	-23.24	-26.72	-16.36	-24.36	-17.49	-13.96	-0.09																								
ADK RESOURCE___RCVRY	23798	59.28	47.45	44.41	44.04	44.29	47.34	78.34	52.78	46.82	41.20	39.90	38.93	36.76	35.60	36.28	40.35	46.67	78.48	95.14	79.98	81.25	71.97	64.12	49.09																								
		4.29	3.96	3.63	3.56	3.62	3.91	4.52	4.31	3.47	2.91	2.71	2.58	2.34	2.36	2.44	2.92	3.88	4.88	5.98	5.52	4.98	4.63	4.35	4.21																								
		-9.37	0.00	0.00	0.00	0.00	0.00	-25.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.09	-23.33	-26.82	-16.43	-24.45	-17.56	-14.02	-0.09																								
ADK S GLENS___FALLS	24028	58.88	47.10	44.12	43.75	44.01	47.00	77.86	52.44	46.56	40.97	39.72	38.75	36.62	35.43	36.14	40.16	46.38	77.99	94.53	79.45	80.74	71.50	63.70	48.78																								
		3.92	3.61	3.34	3.28	3.34	3.56	4.14	3.97	3.21	2.68	2.53	2.40	2.20	2.19	2.30	2.73	3.59	4.47	5.49	5.05	4.56	4.23	3.98	3.90																								
		-9.34	0.00	0.00	0.00	0.00	0.00	-25.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.08	-23.24	-26.72	-16.36	-24.36	-17.49	-13.96	-0.09																								
ADK_NYS___DAM	23527	55.00	45.92	43.14	42.82	43.07	46.00	69.67	51.43	45.96	40.55	39.27	38.38	36.44	35.20	35.80	39.60	45.21	70.28	85.35	73.30	72.53	65.50	58.42	47.27																								
		2.55	2.43	2.36	2.35	2.40	2.56	2.84	2.96	2.60	2.26	2.08	2.03	2.03	1.96	1.96	2.17	2.71	3.02	3.49	3.31	2.90	2.94	2.47	2.42																								
		-6.82	0.00	0.00	0.00	0.00	0.00	-18.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.79	-16.98	-19.52	-11.96	-17.80	-12.78	-10.21	-0.06																								
AIR_PRODUCTS___DRP	24190	52.10	45.36	42.53	42.21	42.46	45.30	62.78	50.55	45.18	39.90	38.68	37.87	35.86	34.67	35.30	39.04	44.20	64.02	78.14	68.61	66.08	60.56	54.61	46.76																								
		1.87	1.87	1.75	1.74	1.79	1.87	2.02	2.08	1.82	1.61	1.49	1.53	1.45	1.43	1.46	1.61	1.96	2.26	2.62	2.50	2.23	2.14	1.97	1.93																								
		-4.61	0.00	0.00	0.00	0.00	0.00	-12.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.54	-11.47	-13.19	-8.08	-12.03	-8.64	-6.90	-0.04																								
AKWESSNE_115KV_BK	355683	45.08	42.97	40.25	39.95	40.14	42.87	47.48	47.89	42.79	37.68	36.59	35.77	34.00	32.84	33.44	36.90	41.29	49.73	61.96	57.75	51.51	49.49	45.66	44.62																								
		-0.55	-0.52	-0.53	-0.53	-0.53	-0.56	-0.63	-0.58	-0.56	-0.61	-0.60	-0.58	-0.41	-0.40	-0.41	-0.52	-0.42	-0.55	-0.37	-0.29	-0.31	-0.30	-0.09	-0.18																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	323833	51.31	45.79	42.98	42.66	42.87	45.78	59.93	50.84	45.22	39.79	38.53	37.65	35.65	34.47	35.13	38.93	44.07	61.38	75.26	66.93	63.41	58.73	53.20	47.24																								
		2.24	2.30	2.20	2.18	2.19	2.34	2.36	2.37	1.86	1.49	1.34	1.31	1.24	1.23	1.29	1.50	1.96	2.51	3.05	2.84	2.59	2.49	2.29	2.42																								
		-3.45	0.00	0.00	0.00	0.00	0.00	-9.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-8.59	-9.87	-6.05	-9.00	-6.46	-5.16	-0.03																								
ALBANY_2_SOLAR	323834	51.31	45.79	42.98	42.62	42.87	45.78	59.93	50.84	45.22	39.79	38.53	37.65	35.65	34.47	35.13	38.93	44.07	61.38	75.20	66.93	63.36	58.68	53.20	47.20																								
		2.24	2.30	2.20	2.14	2.19	2.34	2.36	2.37	1.86	1.49	1.34	1.31	1.24	1.23	1.29	1.50	1.96	2.51	2.99	2.84	2.54	2.44	2.29	2.37																								
		-3.45	0.00	0.00	0.00	0.00	0.00	-9.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-8.58	-9.87	-6.04	-9.00	-6.46	-5.16	-0.03																								
ALBANY___1	23571	52.10	45.36	42.53	42.21	42.46	45.30	62.78	50.55	45.18	39.90	38.68	37.87	35.86	34.67	35.30	39.04	44.20	64.02	78.14	68.61	66.08	60.56	54.61	46.76																								
		1.87	1.87	1.75	1.74	1.79	1.87	2.02	2.08	1.82	1.61	1.49	1.53	1.45	1.43	1.46	1.61	1.96	2.26	2.62	2.50	2.23	2.14	1.97	1.93																								
		-4.61	0.00	0.00	0.00	0.00	0.00	-12.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.54	-11.47	-13.19	-8.08	-12.03	-8.64	-6.90	-0.04																								

ALBANY___2 23572	52.10 1.87 -4.61	45.36 1.87 0.00	42.53 1.75 0.00	42.21 1.74 0.00	42.46 1.79 0.00	45.30 1.87 0.00	62.78 2.02 -12.65	50.55 2.08 0.00	45.18 1.82 0.00	39.90 1.61 0.00	38.68 1.49 0.00	37.87 1.53 0.00	35.86 1.45 0.00	34.67 1.43 0.00	35.30 1.46 0.00	39.04 1.61 0.00	44.20 1.96 -0.54	64.02 2.26 -11.47	78.14 2.62 -13.19	68.61 2.50 -8.08	66.08 2.23 -12.03	60.56 2.14 -8.64	54.61 1.97 -6.90	46.76 1.93 -0.04
ALBANY___3 23573	52.10 1.87 -4.61	45.36 1.87 0.00	42.53 1.75 0.00	42.21 1.74 0.00	42.46 1.79 0.00	45.30 1.87 0.00	62.78 2.02 -12.65	50.55 2.08 0.00	45.18 1.82 0.00	39.90 1.61 0.00	38.68 1.49 0.00	37.87 1.53 0.00	35.86 1.45 0.00	34.67 1.43 0.00	35.30 1.46 0.00	39.04 1.61 0.00	44.20 1.96 -0.54	64.02 2.26 -11.47	78.14 2.62 -13.19	68.61 2.50 -8.08	66.08 2.23 -12.03	60.56 2.14 -8.64	54.61 1.97 -6.90	46.76 1.93 -0.04
ALBANY___4 23574	52.10 1.87 -4.61	45.36 1.87 0.00	42.53 1.75 0.00	42.21 1.74 0.00	42.46 1.79 0.00	45.30 1.87 0.00	62.78 2.02 -12.65	50.55 2.08 0.00	45.18 1.82 0.00	39.90 1.61 0.00	38.68 1.49 0.00	37.87 1.53 0.00	35.86 1.45 0.00	34.67 1.43 0.00	35.30 1.46 0.00	39.04 1.61 0.00	44.20 1.96 -0.54	64.02 2.26 -11.47	78.14 2.62 -13.19	68.61 2.50 -8.08	66.08 2.23 -12.03	60.56 2.14 -8.64	54.61 1.97 -6.90	46.76 1.93 -0.04
ALBANY___LFGE 323615	54.09 2.19 -6.28	45.62 2.13 0.00	42.77 2.00 0.00	42.46 1.98 0.00	42.70 2.03 0.00	45.56 2.13 0.00	67.65 2.31 -17.23	50.79 2.33 0.00	45.39 2.04 0.00	40.09 1.80 0.00	38.86 1.68 0.00	38.02 1.67 0.00	36.03 1.62 0.00	34.83 1.60 0.00	35.47 1.62 0.00	39.22 1.80 0.00	44.68 2.25 -0.73	68.48 2.56 -15.63	83.30 2.99 -17.97	71.89 2.84 -11.01	70.75 2.54 -16.39	63.99 2.44 -11.77	57.39 2.24 -9.40	47.05 2.19 -0.06
ALCOA_PA_115KV_PL-6C 55860	45.35 -0.27 0.00	43.18 -0.30 0.00	40.49 -0.29 0.00	40.19 -0.28 0.00	40.43 -0.24 0.00	43.13 -0.30 0.00	47.68 -0.43 0.00	48.13 -0.34 0.00	42.96 -0.39 0.00	37.80 -0.50 0.00	36.70 -0.48 0.00	35.91 -0.44 0.00	34.17 -0.24 0.00	33.01 -0.23 0.00	33.57 -0.27 0.00	37.05 -0.37 0.00	41.45 -0.25 0.00	49.98 -0.30 0.00	62.40 0.06 0.00	58.10 0.06 0.00	51.87 0.05 0.00	49.88 0.10 0.00	46.02 0.27 0.00	44.97 0.18 0.00
ALCOA_RYNLDS___DRP 24188	45.35 -0.27 0.00	43.18 -0.30 0.00	40.49 -0.29 0.00	40.19 -0.28 0.00	40.43 -0.24 0.00	43.13 -0.30 0.00	47.68 -0.43 0.00	48.13 -0.34 0.00	42.96 -0.39 0.00	37.80 -0.50 0.00	36.70 -0.48 0.00	35.91 -0.44 0.00	34.17 -0.24 0.00	33.01 -0.23 0.00	33.57 -0.27 0.00	37.05 -0.37 0.00	41.45 -0.25 0.00	49.98 -0.30 0.00	62.40 0.06 0.00	58.10 0.06 0.00	51.87 0.05 0.00	49.88 0.10 0.00	46.02 0.27 0.00	44.97 0.18 0.00
ALCOA___DSASP 323711	45.35 -0.27 0.00	43.19 -0.30 0.00	40.49 -0.28 0.00	40.19 -0.28 0.00	40.39 -0.28 0.00	43.04 -0.39 0.00	47.68 -0.43 0.00	48.13 -0.34 0.00	42.96 -0.39 0.00	37.79 -0.50 0.00	36.70 -0.48 0.00	35.95 -0.40 0.00	34.17 -0.24 0.00	33.01 -0.23 0.00	33.57 -0.27 0.00	37.05 -0.37 0.00	41.46 -0.25 0.00	49.98 -0.30 0.00	62.40 0.06 0.00	58.10 0.06 0.00	51.87 0.05 0.00	49.88 0.10 0.00	46.03 0.28 0.00	44.97 0.18 0.00
ALLEGHENY___COGEN 23514	45.30 -0.55 -0.22	42.97 -0.52 0.00	40.00 -0.78 0.00	39.66 -0.81 0.00	39.86 -0.81 0.00	42.70 -0.74 0.00	48.09 -0.63 -0.61	46.97 -1.50 0.00	41.84 -1.52 0.00	36.80 -1.49 0.00	35.66 -1.53 0.00	34.60 -1.74 0.00	32.42 -2.00 0.00	31.11 -2.13 0.00	31.74 -2.10 0.00	35.41 -2.02 0.00	39.27 -2.46 -0.03	48.72 -2.11 -0.55	61.54 -1.43 -0.63	57.32 -1.10 -0.39	51.63 -0.78 -0.58	49.25 -0.95 -0.42	45.44 -0.64 -0.33	44.39 -0.40 0.00
ALTAMONT_115KV_TB 2 55880	50.95 1.51 -3.82	44.97 1.48 0.00	42.20 1.43 0.00	41.89 1.42 0.00	42.10 1.42 0.00	44.91 1.48 0.00	60.23 1.64 -10.48	50.16 1.70 0.00	44.83 1.47 0.00	39.56 1.26 0.00	38.38 1.19 0.00	37.55 1.20 0.00	35.58 1.17 0.00	34.37 1.13 0.00	34.99 1.15 0.00	38.70 1.27 0.00	43.73 1.58 -0.44	61.65 1.86 -9.51	75.45 2.18 -10.93	66.82 2.09 -6.70	63.66 1.87 -9.97	58.73 1.79 -7.16	53.07 1.60 -5.71	46.40 1.57 -0.04
ALTONA_WT_PWR 323606	42.66 -2.96 0.00	40.70 -2.78 0.00	38.21 -2.57 0.00	37.92 -2.55 0.00	38.11 -2.56 0.00	40.61 -2.82 0.00	44.98 -3.13 0.00	45.42 -3.05 0.00	40.41 -2.95 0.00	35.46 -2.83 0.00	34.44 -2.75 0.00	33.73 -2.62 0.00	32.07 -2.34 0.00	30.98 -2.26 0.00	31.51 -2.33 0.00	34.73 -2.70 0.00	39.03 -2.67 0.00	47.01 -3.27 0.00	58.91 -3.43 0.00	54.90 -3.13 0.00	48.97 -2.85 0.00	47.05 -2.74 0.00	43.51 -2.24 0.00	42.56 -2.24 0.00
AMERICAN_REF_FUEL 24010	41.29 -4.34 0.00	39.57 -3.91 0.00	36.90 -3.87 0.00	36.51 -3.96 0.00	36.77 -3.90 0.00	39.44 -4.00 0.00	43.73 -4.38 0.00	42.94 -5.53 0.00	38.93 -4.42 0.00	34.69 -3.60 0.00	33.88 -3.31 0.00	32.97 -3.38 0.00	31.01 -3.41 0.00	29.82 -3.42 0.00	30.32 -3.52 0.00	33.83 -3.59 0.00	37.03 -4.67 0.00	44.65 -5.63 0.00	55.17 -7.17 0.00	51.01 -7.02 0.00	45.76 -6.06 0.00	43.96 -5.82 0.00	40.99 -4.76 0.00	40.72 -4.08 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	42.34 -3.29 0.00	40.70 -2.78 0.00	38.05 -2.73 0.00	37.68 -2.79 0.00	38.03 -2.64 0.00	40.87 -2.56 0.00	45.27 -2.84 0.00	44.64 -3.83 0.00	40.62 -2.73 0.00	36.30 -1.99 0.00	35.48 -1.71 0.00	34.42 -1.93 0.00	32.25 -2.17 0.00	30.88 -2.36 0.00	31.27 -2.57 0.00	34.88 -2.55 0.00	38.16 -3.55 0.00	46.41 -3.87 0.00	57.66 -4.68 0.00	53.45 -4.59 0.00	48.04 -3.78 0.00	45.95 -3.83 0.00	42.64 -3.11 0.00	42.20 -2.60 0.00
ARTHUR KILL_GT_1 23520	59.99 4.74 -9.62	59.15 2.39 -13.27	58.37 2.36 -15.23	58.37 2.39 -15.51	58.41 2.44 -15.30	58.42 2.39 -12.60	59.20 2.60 -8.50	60.00 2.91 -8.62	61.09 2.73 -15.00	59.97 2.53 -19.15	59.97 2.45 -20.33	59.97 2.36 -21.26	60.00 2.41 -23.18	59.96 2.29 -24.43	59.97 2.33 -23.79	61.07 2.47 -21.18	63.43 2.96 -18.77	64.32 3.42 -10.63	68.99 3.93 -2.73	67.88 3.83 -6.02	64.38 3.42 -9.13	63.46 3.23 -10.44	63.45 2.88 -14.81	61.09 2.78 -13.52
ARTHUR_KILL_2 23512	59.90 4.66 -9.62	59.06 2.30 -13.27	58.29 2.28 -15.23	58.29 2.31 -15.51	58.29 2.32 -15.30	58.29 2.26 -12.60	59.06 2.45 -8.50	59.90 2.81 -8.62	61.00 2.64 -15.00	59.90 2.45 -19.15	59.90 2.38 -20.33	59.90 2.29 -21.26	59.90 2.31 -23.18	59.90 2.23 -24.43	59.90 2.27 -23.79	61.00 2.40 -21.18	63.31 2.84 -18.77	64.17 3.27 -10.63	68.80 3.74 -2.73	67.65 3.60 -6.02	64.17 3.21 -9.13	63.31 3.09 -10.44	63.31 2.74 -14.81	61.00 2.69 -13.52
ARTHUR_KILL_3 23513	56.88 1.64 -9.61	58.44 1.69 -13.26	57.67 1.67 -15.22	57.68 1.70 -15.50	57.71 1.75 -15.29	57.76 1.74 -12.59	58.57 1.97 -8.49	59.46 2.37 -8.61	60.62 2.25 -15.01	59.48 2.03 -19.16	59.50 1.97 -20.34	59.51 1.89 -21.27	59.53 1.93 -23.19	59.51 1.83 -24.44	59.50 1.86 -23.80	60.59 1.98 -21.18	62.90 2.42 -18.78	63.88 2.97 -10.63	68.50 3.43 -2.74	67.31 3.25 -6.02	63.81 2.85 -9.14	62.95 2.74 -10.43	62.89 2.33 -14.81	60.45 2.15 -13.51

ARTHUR_KILL_COGEN 323718	59.99 4.74 -9.62	59.15 2.39 -13.27	58.37 2.36 -15.23	58.37 2.39 -15.51	58.41 2.44 -15.30	58.42 2.39 -12.60	59.20 2.60 -8.50	60.00 2.91 -8.62	61.09 2.73 -15.00	59.97 2.53 -19.15	59.97 2.45 -20.33	59.97 2.36 -21.26	60.00 2.41 -23.18	59.96 2.29 -24.43	59.97 2.33 -23.79	61.07 2.47 -21.18	63.43 2.96 -18.77	64.32 3.42 -10.63	68.99 3.93 -2.73	67.88 3.83 -6.02	64.38 3.42 -9.13	63.46 3.23 -10.44	63.45 2.88 -14.81	61.09 2.78 -13.52
ASHOKAN____ 23654	48.77 0.55 -2.60	46.58 3.09 0.00	43.71 2.94 0.00	43.35 2.87 0.00	43.72 3.05 0.00	46.52 3.08 0.00	56.06 0.82 -7.13	51.91 3.44 0.00	46.04 2.69 0.00	40.21 1.91 0.00	38.90 1.71 0.00	38.06 1.71 0.00	36.07 1.65 0.00	34.90 1.66 0.00	35.53 1.69 0.00	39.33 1.91 0.00	42.63 0.63 -0.30	58.10 1.36 -6.47	71.76 1.99 -7.44	64.39 1.80 -4.55	60.11 1.50 -6.78	56.04 1.39 -4.87	50.69 1.05 -3.89	47.69 2.87 -0.02
ASTORIA_EAST_ENERGY_CC1 323581	49.30 2.74 -0.94	45.58 2.09 0.00	42.90 2.12 0.00	42.62 2.14 0.00	42.75 2.07 0.00	45.21 1.78 0.01	52.64 1.97 -2.56	50.88 2.42 0.01	45.73 2.38 0.01	40.54 2.26 0.01	39.37 2.19 0.01	38.48 2.14 0.01	36.58 2.17 0.01	35.33 2.10 0.01	35.93 2.10 0.01	39.66 2.25 0.01	44.57 2.75 -0.11	55.72 3.12 -2.32	68.56 3.55 -2.67	63.09 3.42 -1.63	57.26 3.00 -2.44	54.32 2.79 -1.75	49.71 2.56 -1.40	47.40 2.60 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	49.30 2.74 -0.94	45.58 2.09 0.00	42.90 2.12 0.00	42.62 2.14 0.00	42.75 2.07 0.00	45.21 1.78 0.01	52.64 1.97 -2.56	50.88 2.42 0.01	45.73 2.38 0.01	40.54 2.26 0.01	39.37 2.19 0.01	38.48 2.14 0.01	36.54 2.13 0.01	35.29 2.06 0.01	35.93 2.10 0.01	39.66 2.25 0.01	44.57 2.75 -0.11	55.72 3.12 -2.32	68.56 3.55 -2.67	63.09 3.42 -1.63	57.26 3.00 -2.44	54.32 2.79 -1.75	49.71 2.56 -1.40	47.40 2.60 -0.01
ASTORIA_GT2_1 24094	48.89 2.33 -0.94	45.62 2.13 0.00	42.94 2.16 0.00	42.62 2.15 0.00	42.75 2.07 0.00	45.17 1.74 0.00	52.70 2.02 -2.57	50.94 2.47 0.00	45.74 2.38 0.00	40.55 2.26 0.00	39.42 2.23 0.00	38.49 2.14 0.00	36.55 2.13 0.00	35.32 2.09 0.01	35.94 2.10 0.00	39.67 2.25 0.00	44.61 2.79 -0.11	55.73 3.12 -2.33	68.57 3.55 -2.68	63.10 3.42 -1.64	57.32 3.06 -2.44	54.38 2.84 -1.75	49.71 2.56 -1.40	47.45 2.64 -0.01
ASTORIA_GT2_2 24095	48.89 2.33 -0.94	45.62 2.13 0.00	42.94 2.16 0.00	42.62 2.15 0.00	42.75 2.07 0.00	45.17 1.74 0.00	52.70 2.02 -2.57	50.94 2.47 0.00	45.74 2.38 0.00	40.55 2.26 0.00	39.42 2.23 0.00	38.49 2.14 0.00	36.55 2.13 0.00	35.32 2.09 0.01	35.94 2.10 0.00	39.67 2.25 0.00	44.61 2.79 -0.11	55.73 3.12 -2.33	68.57 3.55 -2.68	63.10 3.42 -1.64	57.32 3.06 -2.44	54.38 2.84 -1.75	49.71 2.56 -1.40	47.45 2.64 -0.01
ASTORIA_GT2_3 24096	48.89 2.33 -0.94	45.62 2.13 0.00	42.94 2.16 0.00	42.62 2.15 0.00	42.75 2.07 0.00	45.17 1.74 0.00	52.70 2.02 -2.57	50.94 2.47 0.00	45.74 2.38 0.00	40.55 2.26 0.00	39.42 2.23 0.00	38.49 2.14 0.00	36.55 2.13 0.00	35.32 2.09 0.01	35.94 2.10 0.00	39.67 2.25 0.00	44.61 2.79 -0.11	55.73 3.12 -2.33	68.57 3.55 -2.68	63.10 3.42 -1.64	57.32 3.06 -2.44	54.38 2.84 -1.75	49.71 2.56 -1.40	47.45 2.64 -0.01
ASTORIA_GT2_4 24097	48.89 2.33 -0.94	45.62 2.13 0.00	42.94 2.16 0.00	42.62 2.15 0.00	42.75 2.07 0.00	45.17 1.74 0.00	52.70 2.02 -2.57	50.94 2.47 0.00	45.74 2.38 0.00	40.55 2.26 0.00	39.42 2.23 0.00	38.49 2.14 0.00	36.55 2.13 0.00	35.32 2.09 0.01	35.94 2.10 0.00	39.67 2.25 0.00	44.61 2.79 -0.11	55.73 3.12 -2.33	68.57 3.55 -2.68	63.10 3.42 -1.64	57.32 3.06 -2.44	54.38 2.84 -1.75	49.71 2.56 -1.40	47.45 2.64 -0.01
ASTORIA_GT3_1 24098	48.89 2.33 -0.94	45.62 2.13 0.00	42.94 2.16 0.00	42.62 2.15 0.00	42.75 2.07 0.00	45.17 1.74 0.00	52.70 2.02 -2.57	50.94 2.47 0.00	45.74 2.38 0.00	40.55 2.26 0.00	39.42 2.23 0.00	38.49 2.14 0.00	36.55 2.13 0.00	35.32 2.09 0.01	35.94 2.10 0.00	39.67 2.25 0.00	44.61 2.79 -0.11	55.73 3.12 -2.33	68.57 3.55 -2.68	63.10 3.42 -1.64	57.32 3.06 -2.44	54.38 2.84 -1.75	49.71 2.56 -1.40	47.45 2.64 -0.01
ASTORIA_GT3_2 24099	48.89 2.33 -0.94	45.62 2.13 0.00	42.94 2.16 0.00	42.62 2.15 0.00	42.75 2.07 0.00	45.17 1.74 0.00	52.70 2.02 -2.57	50.94 2.47 0.00	45.74 2.38 0.00	40.55 2.26 0.00	39.42 2.23 0.00	38.49 2.14 0.00	36.55 2.13 0.00	35.32 2.09 0.01	35.94 2.10 0.00	39.67 2.25 0.00	44.61 2.79 -0.11	55.73 3.12 -2.33	68.57 3.55 -2.68	63.10 3.42 -1.64	57.32 3.06 -2.44	54.38 2.84 -1.75	49.71 2.56 -1.40	47.45 2.64 -0.01
ASTORIA_GT3_3 24100	48.89 2.33 -0.94	45.62 2.13 0.00	42.94 2.16 0.00	42.62 2.15 0.00	42.75 2.07 0.00	45.17 1.74 0.00	52.70 2.02 -2.57	50.94 2.47 0.00	45.74 2.38 0.00	40.55 2.26 0.00	39.42 2.23 0.00	38.49 2.14 0.00	36.55 2.13 0.00	35.32 2.09 0.01	35.94 2.10 0.00	39.67 2.25 0.00	44.61 2.79 -0.11	55.73 3.12 -2.33	68.57 3.55 -2.68	63.10 3.42 -1.64	57.32 3.06 -2.44	54.38 2.84 -1.75	49.71 2.56 -1.40	47.45 2.64 -0.01
ASTORIA_GT3_4 24101	48.89 2.33 -0.94	45.62 2.13 0.00	42.94 2.16 0.00	42.62 2.15 0.00	42.75 2.07 0.00	45.17 1.74 0.00	52.70 2.02 -2.57	50.94 2.47 0.00	45.74 2.38 0.00	40.55 2.26 0.00	39.42 2.23 0.00	38.49 2.14 0.00	36.55 2.13 0.00	35.32 2.09 0.01	35.94 2.10 0.00	39.67 2.25 0.00	44.61 2.79 -0.11	55.73 3.12 -2.33	68.57 3.55 -2.68	63.10 3.42 -1.64	57.32 3.06 -2.44	54.38 2.84 -1.75	49.71 2.56 -1.40	47.45 2.64 -0.01
ASTORIA_GT4_1 24102	48.89 2.33 -0.94	45.62 2.13 0.00	42.94 2.16 0.00	42.62 2.15 0.00	42.75 2.07 0.00	45.17 1.74 0.00	52.70 2.02 -2.57	50.94 2.47 0.00	45.74 2.38 0.00	40.55 2.26 0.00	39.42 2.23 0.00	38.49 2.14 0.00	36.55 2.13 0.00	35.32 2.09 0.01	35.94 2.10 0.00	39.67 2.25 0.00	44.61 2.79 -0.11	55.73 3.12 -2.33	68.57 3.55 -2.68	63.10 3.42 -1.64	57.32 3.06 -2.44	54.38 2.84 -1.75	49.71 2.56 -1.40	47.45 2.64 -0.01
ASTORIA_GT4_2 24103	48.89 2.33 -0.94	45.62 2.13 0.00	42.94 2.16 0.00	42.62 2.15 0.00	42.75 2.07 0.00	45.17 1.74 0.00	52.70 2.02 -2.57	50.94 2.47 0.00	45.74 2.38 0.00	40.55 2.26 0.00	39.42 2.23 0.00	38.49 2.14 0.00	36.55 2.13 0.00	35.32 2.09 0.01	35.94 2.10 0.00	39.67 2.25 0.00	44.61 2.79 -0.11	55.73 3.12 -2.33	68.57 3.55 -2.68	63.10 3.42 -1.64	57.32 3.06 -2.44	54.38 2.84 -1.75	49.71 2.56 -1.40	47.45 2.64 -0.01
ASTORIA_GT4_3 24104	48.89 2.33 -0.94	45.62 2.13 0.00	42.94 2.16 0.00	42.62 2.15 0.00	42.75 2.07 0.00	45.17 1.74 0.00	52.70 2.02 -2.57	50.94 2.47 0.00	45.74 2.38 0.00	40.55 2.26 0.00	39.42 2.23 0.00	38.49 2.14 0.00	36.55 2.13 0.00	35.32 2.09 0.01	35.94 2.10 0.00	39.67 2.25 0.00	44.61 2.79 -0.11	55.73 3.12 -2.33	68.57 3.55 -2.68	63.10 3.42 -1.64	57.32 3.06 -2.44	54.38 2.84 -1.75	49.71 2.56 -1.40	47.45 2.64 -0.01

ASTORIA_GT4_4 24105	48.89 2.33 -0.94	45.62 2.13 0.00	42.94 2.16 0.00	42.62 2.15 0.00	42.75 2.07 0.00	45.17 1.74 0.00	52.70 2.02 -2.57	50.94 2.47 0.00	45.74 2.38 0.00	40.55 2.26 0.00	39.42 2.23 0.00	38.49 2.14 0.00	36.55 2.13 0.00	35.32 2.09 0.01	35.94 2.10 0.00	39.67 2.25 0.00	44.61 2.79 -0.11	55.73 3.12 -2.33	68.57 3.55 -2.68	63.10 3.42 -1.64	57.32 3.06 -2.44	54.38 2.84 -1.75	49.71 2.56 -1.40	47.45 2.64 -0.01
ASTORIA_GT_1 23523	49.39 2.83 -0.94	45.66 2.17 0.00	42.98 2.20 0.00	42.70 2.22 0.00	42.83 2.15 0.00	45.29 1.87 0.01	52.74 2.07 -2.56	50.98 2.52 0.01	45.82 2.47 0.01	40.62 2.34 0.01	39.45 2.27 0.01	38.56 2.22 0.01	36.61 2.20 0.01	35.36 2.13 0.01	36.00 2.17 0.01	39.74 2.32 0.01	44.65 2.84 -0.11	55.82 3.22 -2.32	68.74 3.74 -2.67	63.21 3.54 -1.63	57.42 3.16 -2.44	54.48 2.94 -1.75	49.80 2.65 -1.40	47.49 2.69 -0.01
ASTORIA_GT_10 24110	48.93 2.37 -0.94	45.71 2.22 0.00	42.94 2.16 0.00	42.66 2.19 0.00	42.83 2.16 0.00	45.48 2.04 0.00	53.04 2.36 -2.57	51.23 2.76 0.00	45.96 2.60 0.00	40.71 2.41 0.00	39.53 2.34 0.00	38.64 2.29 0.00	36.69 2.27 0.00	36.32 2.19 -0.89	36.08 2.23 0.00	39.78 2.36 0.00	44.69 2.88 -0.11	55.98 3.37 -2.33	68.88 3.86 -2.68	63.39 3.71 -1.64	57.58 3.32 -2.44	54.67 3.14 -1.75	49.90 2.75 -1.40	47.45 2.64 -0.01
ASTORIA_GT_11 24225	48.93 2.37 -0.94	45.71 2.22 0.00	42.94 2.16 0.00	42.66 2.19 0.00	42.83 2.16 0.00	45.48 2.04 0.00	53.04 2.36 -2.57	51.23 2.76 0.00	45.96 2.60 0.00	40.71 2.41 0.00	39.53 2.34 0.00	38.64 2.29 0.00	36.69 2.27 0.00	36.32 2.19 -0.89	36.08 2.23 0.00	39.78 2.36 0.00	44.69 2.88 -0.11	55.98 3.37 -2.33	68.88 3.86 -2.68	63.39 3.71 -1.64	57.58 3.32 -2.44	54.67 3.14 -1.75	49.90 2.75 -1.40	47.45 2.64 -0.01
ASTORIA_GT_12 24226	48.93 2.37 -0.94	45.71 2.22 0.00	42.94 2.16 0.00	42.66 2.19 0.00	42.83 2.16 0.00	45.48 2.04 0.00	53.04 2.36 -2.57	51.23 2.76 0.00	45.96 2.60 0.00	40.71 2.41 0.00	39.53 2.34 0.00	38.64 2.29 0.00	36.69 2.27 0.00	36.32 2.19 -0.89	36.08 2.23 0.00	39.78 2.36 0.00	44.69 2.88 -0.11	55.98 3.37 -2.33	68.88 3.86 -2.68	63.39 3.71 -1.64	57.58 3.32 -2.44	54.67 3.14 -1.75	49.90 2.75 -1.40	47.45 2.64 -0.01
ASTORIA_GT_13 24227	48.93 2.37 -0.94	45.71 2.22 0.00	42.94 2.16 0.00	42.66 2.19 0.00	42.83 2.16 0.00	45.48 2.04 0.00	53.04 2.36 -2.57	51.23 2.76 0.00	45.96 2.60 0.00	40.71 2.41 0.00	39.53 2.34 0.00	38.64 2.29 0.00	36.69 2.27 0.00	36.32 2.19 -0.89	36.08 2.23 0.00	39.78 2.36 0.00	44.69 2.88 -0.11	55.98 3.37 -2.33	68.88 3.86 -2.68	63.39 3.71 -1.64	57.58 3.32 -2.44	54.67 3.14 -1.75	49.90 2.75 -1.40	47.45 2.64 -0.01
ASTORIA_GT_5 24106	48.93 2.37 -0.94	45.66 2.17 0.00	42.98 2.20 0.00	42.70 2.23 0.00	42.83 2.16 0.00	45.26 1.82 0.00	52.75 2.07 -2.57	50.99 2.52 0.00	45.78 2.43 0.00	40.63 2.34 0.00	39.46 2.27 0.00	38.56 2.22 0.00	36.62 2.20 0.00	35.36 2.13 0.01	36.01 2.17 0.00	39.75 2.32 0.00	44.69 2.88 -0.11	55.83 3.22 -2.33	68.69 3.68 -2.68	63.22 3.54 -1.64	57.43 3.16 -2.44	54.48 2.94 -1.75	49.80 2.65 -1.40	47.49 2.69 -0.01
ASTORIA_GT_7 24107	48.93 2.37 -0.94	45.66 2.17 0.00	42.98 2.20 0.00	42.70 2.23 0.00	42.83 2.16 0.00	45.26 1.82 0.00	52.75 2.07 -2.57	50.99 2.52 0.00	45.78 2.43 0.00	40.63 2.34 0.00	39.46 2.27 0.00	38.56 2.22 0.00	36.62 2.20 0.00	35.36 2.13 0.01	36.01 2.17 0.00	39.75 2.32 0.00	44.69 2.88 -0.11	55.83 3.22 -2.33	68.69 3.68 -2.68	63.22 3.54 -1.64	57.43 3.16 -2.44	54.48 2.94 -1.75	49.80 2.65 -1.40	47.49 2.69 -0.01
ASTORIA_GT_8 24108	48.93 2.37 -0.94	45.66 2.17 0.00	42.98 2.20 0.00	42.70 2.23 0.00	42.83 2.16 0.00	45.26 1.82 0.00	52.75 2.07 -2.57	50.99 2.52 0.00	45.78 2.43 0.00	40.63 2.34 0.00	39.46 2.27 0.00	38.56 2.22 0.00	36.62 2.20 0.00	35.36 2.13 0.01	36.01 2.17 0.00	39.75 2.32 0.00	44.69 2.88 -0.11	55.83 3.22 -2.33	68.69 3.68 -2.68	63.22 3.54 -1.64	57.43 3.16 -2.44	54.48 2.94 -1.75	49.80 2.65 -1.40	47.49 2.69 -0.01
ASTORIA___2 24149	49.30 2.74 -0.94	45.62 2.13 0.00	42.94 2.16 0.00	42.62 2.14 0.00	42.79 2.11 0.00	45.21 1.78 0.01	52.69 2.02 -2.56	50.93 2.47 0.01	45.73 2.38 0.01	40.58 2.30 0.01	39.41 2.23 0.01	38.48 2.14 0.01	36.58 2.17 0.01	35.33 2.10 0.01	35.93 2.10 0.01	39.66 2.25 0.01	44.61 2.79 -0.11	55.72 3.12 -2.32	68.62 3.61 -2.67	63.09 3.42 -1.63	57.32 3.06 -2.44	54.37 2.84 -1.75	49.71 2.56 -1.40	47.45 2.64 -0.01
ASTORIA___3 23516	49.34 2.78 -0.94	45.71 2.22 0.00	42.94 2.16 0.00	42.66 2.18 0.00	42.87 2.19 0.00	45.52 2.08 0.00	53.04 2.36 -2.57	51.23 2.76 0.00	46.00 2.64 0.00	40.71 2.41 0.00	39.53 2.34 0.00	38.64 2.29 0.00	36.68 2.27 0.00	36.32 2.19 -0.89	36.08 2.23 0.00	39.79 2.36 0.00	44.69 2.88 -0.11	55.98 3.37 -2.33	68.94 3.93 -2.68	63.40 3.72 -1.64	57.59 3.32 -2.44	54.68 3.14 -1.75	49.90 2.74 -1.40	47.45 2.64 -0.01
ASTORIA___4 23517	48.93 2.37 -0.94	45.71 2.22 0.00	42.94 2.16 0.00	42.66 2.19 0.00	42.83 2.16 0.00	45.48 2.04 0.00	53.04 2.36 -2.57	51.23 2.76 0.00	45.96 2.60 0.00	40.71 2.41 0.00	39.53 2.34 0.00	38.64 2.29 0.00	36.69 2.27 0.00	36.32 2.19 -0.89	36.08 2.23 0.00	39.78 2.36 0.00	44.69 2.88 -0.11	55.98 3.37 -2.33	68.88 3.86 -2.68	63.39 3.71 -1.64	57.58 3.32 -2.44	54.67 3.14 -1.75	49.90 2.75 -1.40	47.45 2.64 -0.01
ASTORIA___5 23518	49.34 2.78 -0.94	45.71 2.22 0.00	42.94 2.16 0.00	42.66 2.18 0.00	42.87 2.19 0.00	45.52 2.08 0.00	53.04 2.36 -2.57	51.23 2.76 0.00	46.00 2.64 0.00	40.71 2.41 0.00	39.53 2.34 0.00	38.64 2.29 0.00	36.68 2.27 0.00	36.32 2.19 -0.89	36.08 2.23 0.00	39.79 2.36 0.00	44.69 2.88 -0.11	55.98 3.37 -2.33	68.94 3.93 -2.68	63.40 3.72 -1.64	57.59 3.32 -2.44	54.68 3.14 -1.75	49.90 2.74 -1.40	47.45 2.64 -0.01
AST_ENERGY_2_CC3 323677	48.75 2.19 -0.94	45.49 2.00 0.00	42.69 1.92 0.00	42.42 1.94 0.00	42.66 1.99 0.00	45.43 2.00 0.00	52.94 2.26 -2.57	51.13 2.66 0.00	45.82 2.47 0.00	40.51 2.22 0.00	39.34 2.16 0.00	38.42 2.07 0.00	36.48 2.06 0.00	35.23 1.99 0.00	35.87 2.03 0.00	39.60 2.17 0.00	44.44 2.63 -0.11	55.88 3.27 -2.33	68.75 3.74 -2.68	63.28 3.60 -1.64	57.43 3.16 -2.44	54.53 2.99 -1.75	49.71 2.56 -1.40	47.22 2.42 -0.01
AST_ENERGY_2_CC4 323678	48.75 2.19 -0.94	45.49 2.00 0.00	42.69 1.92 0.00	42.42 1.94 0.00	42.66 1.99 0.00	45.43 2.00 0.00	52.94 2.26 -2.57	51.13 2.66 0.00	45.82 2.47 0.00	40.51 2.22 0.00	39.34 2.16 0.00	38.42 2.07 0.00	36.48 2.06 0.00	35.23 1.99 0.00	35.87 2.03 0.00	39.60 2.17 0.00	44.44 2.63 -0.11	55.88 3.27 -2.33	68.75 3.74 -2.68	63.28 3.60 -1.64	57.43 3.16 -2.44	54.53 2.99 -1.75	49.71 2.56 -1.40	47.22 2.42 -0.01

ATHENS_STG_1 23668	47.84 1.50 -0.71	44.92 1.43 0.00	42.16 1.39 0.00	41.85 1.38 0.00	42.09 1.42 0.00	44.91 1.48 0.00	51.70 1.64 -1.96	50.26 1.79 0.00	44.91 1.56 0.00	39.67 1.38 0.00	38.49 1.30 0.00	37.69 1.35 0.00	35.72 1.31 0.00	34.50 1.26 0.00	35.13 1.29 0.00	38.81 1.39 0.00	43.50 1.71 -0.08	54.12 2.06 -1.78	66.74 2.37 -2.04	61.55 2.26 -1.25	55.65 1.97 -1.86	53.06 1.94 -1.34	48.46 1.64 -1.07	46.37 1.57 -0.01
ATHENS_STG_2 23670	47.84 1.50 -0.71	44.92 1.43 0.00	42.16 1.39 0.00	41.85 1.38 0.00	42.09 1.42 0.00	44.91 1.48 0.00	51.70 1.64 -1.96	50.26 1.79 0.00	44.91 1.56 0.00	39.67 1.38 0.00	38.49 1.30 0.00	37.69 1.35 0.00	35.72 1.31 0.00	34.50 1.26 0.00	35.13 1.29 0.00	38.81 1.39 0.00	43.50 1.71 -0.08	54.12 2.06 -1.78	66.74 2.37 -2.04	61.55 2.26 -1.25	55.65 1.97 -1.86	53.06 1.94 -1.34	48.46 1.64 -1.07	46.37 1.57 -0.01
ATHENS_STG_3 23677	47.84 1.50 -0.71	44.92 1.43 0.00	42.16 1.39 0.00	41.85 1.38 0.00	42.09 1.42 0.00	44.91 1.48 0.00	51.70 1.64 -1.96	50.26 1.79 0.00	44.91 1.56 0.00	39.67 1.38 0.00	38.49 1.30 0.00	37.69 1.35 0.00	35.72 1.31 0.00	34.50 1.26 0.00	35.13 1.29 0.00	38.81 1.39 0.00	43.50 1.71 -0.08	54.12 2.06 -1.78	66.74 2.37 -2.04	61.55 2.26 -1.25	55.65 1.97 -1.86	53.06 1.94 -1.34	48.46 1.64 -1.07	46.37 1.57 -0.01
AUBURN___LFGE 323710	45.17 -0.46 0.00	43.01 -0.48 0.00	40.29 -0.49 0.00	40.07 -0.40 0.00	40.22 -0.45 0.00	42.96 -0.48 0.00	47.68 -0.43 0.00	47.89 -0.58 0.00	42.92 -0.43 0.00	38.03 -0.27 0.00	36.97 -0.22 0.00	36.02 -0.33 0.00	33.93 -0.48 0.00	32.77 -0.47 0.00	33.40 -0.44 0.00	37.09 -0.34 0.00	41.12 -0.58 0.00	49.78 -0.50 0.00	61.83 -0.50 0.00	57.46 -0.58 0.00	51.30 -0.52 0.00	49.19 -0.60 0.00	45.16 -0.59 0.00	44.26 -0.54 0.00
BABYLON_RES_REC 323704	49.44 2.88 -0.94	46.01 2.52 0.00	43.18 2.41 0.00	42.82 2.35 0.00	43.28 2.61 0.00	46.39 2.95 0.00	57.64 3.42 -6.12	59.51 3.73 -7.31	46.34 2.99 0.00	40.63 2.34 0.00	39.38 2.19 0.00	38.38 2.03 0.00	36.41 2.00 0.00	35.23 1.99 0.00	35.98 2.13 0.00	39.90 2.47 0.00	45.19 3.38 -0.11	56.73 4.12 -2.33	69.88 4.87 -2.68	64.09 4.41 -1.64	58.26 3.99 -2.44	55.52 3.98 -1.75	50.63 3.48 -1.41	48.07 3.27 -0.01
BABYLON__69_KV_BK2 356345	49.75 3.19 -0.94	46.40 2.91 0.00	43.55 2.77 0.00	43.10 2.63 0.00	43.60 2.93 0.00	46.78 3.34 0.00	58.17 3.94 -6.12	60.00 4.22 -7.31	46.74 3.38 0.00	40.90 2.60 0.00	39.61 2.42 0.00	38.67 2.33 0.00	36.62 2.20 0.00	35.47 2.23 0.00	36.24 2.40 0.00	40.16 2.73 0.00	45.61 3.80 -0.11	57.28 4.68 -2.33	70.62 5.61 -2.68	64.79 5.11 -1.64	58.83 4.56 -2.44	56.12 4.58 -1.75	51.13 3.98 -1.40	48.52 3.72 -0.01
BALL_HILL_WT_PWR 323825	42.75 -2.87 0.00	41.05 -2.43 0.00	38.25 -2.53 0.00	37.88 -2.59 0.00	38.15 -2.52 0.00	40.96 -2.47 0.00	45.37 -2.74 0.00	44.74 -3.73 0.00	40.58 -2.78 0.00	36.15 -2.14 0.00	35.29 -1.90 0.00	34.31 -2.03 0.00	32.21 -2.20 0.00	30.98 -2.26 0.00	31.44 -2.40 0.00	35.07 -2.36 0.00	38.41 -3.30 0.00	46.56 -3.72 0.00	57.66 -4.68 0.00	53.34 -4.70 0.00	47.94 -3.89 0.00	45.90 -3.88 0.00	42.69 -3.06 0.00	42.29 -2.51 0.00
BARON_WINDS___WT_PWR 323822	43.85 -2.05 -0.28	41.53 -1.96 0.00	38.61 -2.16 0.00	38.25 -2.23 0.00	38.44 -2.24 0.00	41.13 -2.30 0.00	46.42 -2.45 -0.76	45.27 -3.20 0.00	40.49 -2.86 0.00	35.81 -2.49 0.00	34.88 -2.31 0.00	34.02 -2.33 0.00	31.94 -2.48 0.00	30.68 -2.56 0.00	31.20 -2.64 0.00	34.73 -2.70 0.00	38.57 -3.17 -0.03	47.80 -3.17 -0.69	59.39 -3.74 -0.80	54.93 -3.60 -0.49	49.54 -3.01 -0.73	47.37 -2.94 -0.52	43.79 -2.38 -0.42	42.83 -1.97 0.00
BARRETT_IC_1 23704	49.11 2.55 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.62 2.14 0.00	43.03 2.36 0.00	46.00 2.56 0.00	57.16 2.94 -6.12	58.98 3.20 -7.31	46.09 2.73 0.00	40.51 2.22 0.00	39.27 2.08 0.00	38.34 2.00 0.00	36.41 2.00 0.00	35.20 1.96 0.00	35.91 2.06 0.00	39.75 2.32 0.00	44.90 3.09 -0.11	56.28 3.67 -2.33	69.13 4.11 -2.68	63.45 3.77 -1.64	57.79 3.53 -2.44	55.02 3.48 -1.75	50.31 3.15 -1.41	47.71 2.91 -0.01
BARRETT_IC_10 23701	49.11 2.55 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.62 2.14 0.00	43.03 2.36 0.00	46.00 2.56 0.00	57.16 2.94 -6.12	58.98 3.20 -7.31	46.09 2.73 0.00	40.51 2.22 0.00	39.27 2.08 0.00	38.34 2.00 0.00	36.41 2.00 0.00	35.20 1.96 0.00	35.91 2.06 0.00	39.75 2.32 0.00	44.90 3.09 -0.11	56.28 3.67 -2.33	69.13 4.11 -2.68	63.45 3.77 -1.64	57.79 3.53 -2.44	55.02 3.48 -1.75	50.31 3.15 -1.41	47.71 2.91 -0.01
BARRETT_IC_11 23702	49.11 2.55 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.62 2.14 0.00	43.03 2.36 0.00	46.00 2.56 0.00	57.16 2.94 -6.12	58.98 3.20 -7.31	46.09 2.73 0.00	40.51 2.22 0.00	39.27 2.08 0.00	38.34 2.00 0.00	36.41 2.00 0.00	35.20 1.96 0.00	35.91 2.06 0.00	39.75 2.32 0.00	44.90 3.09 -0.11	56.28 3.67 -2.33	69.13 4.11 -2.68	63.45 3.77 -1.64	57.79 3.53 -2.44	55.02 3.48 -1.75	50.31 3.15 -1.41	47.71 2.91 -0.01
BARRETT_IC_12 23703	49.11 2.55 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.62 2.14 0.00	43.03 2.36 0.00	46.00 2.56 0.00	57.16 2.94 -6.12	58.98 3.20 -7.31	46.09 2.73 0.00	40.51 2.22 0.00	39.27 2.08 0.00	38.34 2.00 0.00	36.41 2.00 0.00	35.20 1.96 0.00	35.91 2.06 0.00	39.75 2.32 0.00	44.90 3.09 -0.11	56.28 3.67 -2.33	69.13 4.11 -2.68	63.45 3.77 -1.64	57.79 3.53 -2.44	55.02 3.48 -1.75	50.31 3.15 -1.41	47.71 2.91 -0.01
BARRETT_IC_2 23705	49.11 2.55 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.62 2.14 0.00	43.03 2.36 0.00	46.00 2.56 0.00	57.16 2.94 -6.12	58.98 3.20 -7.31	46.09 2.73 0.00	40.51 2.22 0.00	39.27 2.08 0.00	38.34 2.00 0.00	36.41 2.00 0.00	35.20 1.96 0.00	35.91 2.06 0.00	39.75 2.32 0.00	44.90 3.09 -0.11	56.28 3.67 -2.33	69.13 4.11 -2.68	63.45 3.77 -1.64	57.79 3.53 -2.44	55.02 3.48 -1.75	50.31 3.15 -1.41	47.71 2.91 -0.01
BARRETT_IC_3 23706	49.11 2.55 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.62 2.14 0.00	43.03 2.36 0.00	46.00 2.56 0.00	57.16 2.94 -6.12	58.98 3.20 -7.31	46.09 2.73 0.00	40.51 2.22 0.00	39.27 2.08 0.00	38.34 2.00 0.00	36.41 2.00 0.00	35.20 1.96 0.00	35.91 2.06 0.00	39.75 2.32 0.00	44.90 3.09 -0.11	56.28 3.67 -2.33	69.13 4.11 -2.68	63.45 3.77 -1.64	57.79 3.53 -2.44	55.02 3.48 -1.75	50.31 3.15 -1.41	47.71 2.91 -0.01
BARRETT_IC_4 23707	49.11 2.55 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.62 2.14 0.00	43.03 2.36 0.00	46.00 2.56 0.00	57.16 2.94 -6.12	58.98 3.20 -7.31	46.09 2.73 0.00	40.51 2.22 0.00	39.27 2.08 0.00	38.34 2.00 0.00	36.41 2.00 0.00	35.20 1.96 0.00	35.91 2.06 0.00	39.75 2.32 0.00	44.90 3.09 -0.11	56.28 3.67 -2.33	69.13 4.11 -2.68	63.45 3.77 -1.64	57.79 3.53 -2.44	55.02 3.48 -1.75	50.31 3.15 -1.41	47.71 2.91 -0.01

BARRETT_IC_5 23708	49.11 2.55 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.62 2.14 0.00	43.03 2.36 0.00	46.00 2.56 0.00	57.16 2.94 -6.12	58.98 3.20 -7.31	46.09 2.73 0.00	40.51 2.22 0.00	39.27 2.08 0.00	38.34 2.00 0.00	36.41 2.00 0.00	35.20 1.96 0.00	35.91 2.06 0.00	39.75 2.32 0.00	44.90 3.09 -0.11	56.28 3.67 -2.33	69.13 4.11 -2.68	63.45 3.77 -1.64	57.79 3.53 -2.44	55.02 3.48 -1.75	50.31 3.15 -1.41	47.71 2.91 -0.01
BARRETT_IC_6 23709	49.11 2.55 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.62 2.14 0.00	43.03 2.36 0.00	46.00 2.56 0.00	57.16 2.94 -6.12	58.98 3.20 -7.31	46.09 2.73 0.00	40.51 2.22 0.00	39.27 2.08 0.00	38.34 2.00 0.00	36.41 2.00 0.00	35.20 1.96 0.00	35.91 2.06 0.00	39.75 2.32 0.00	44.90 3.09 -0.11	56.28 3.67 -2.33	69.13 4.11 -2.68	63.45 3.77 -1.64	57.79 3.53 -2.44	55.02 3.48 -1.75	50.31 3.15 -1.41	47.71 2.91 -0.01
BARRETT_IC_7 23710	49.07 2.51 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.62 2.15 0.00	42.99 2.32 0.00	45.95 2.52 0.00	57.16 2.93 -6.12	58.98 3.20 -7.31	46.09 2.73 0.00	40.51 2.22 0.00	39.27 2.08 0.00	38.35 2.00 0.00	36.38 1.96 0.00	35.20 1.96 0.00	35.91 2.06 0.00	39.75 2.32 0.00	44.90 3.09 -0.11	56.28 3.67 -2.33	69.13 4.11 -2.68	63.45 3.77 -1.64	57.79 3.52 -2.44	55.02 3.48 -1.75	50.31 3.16 -1.40	47.71 2.91 -0.01
BARRETT_IC_8 23711	49.11 2.55 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.62 2.14 0.00	43.03 2.36 0.00	46.00 2.56 0.00	57.16 2.94 -6.12	58.98 3.20 -7.31	46.09 2.73 0.00	40.51 2.22 0.00	39.27 2.08 0.00	38.34 2.00 0.00	36.41 2.00 0.00	35.20 1.96 0.00	35.91 2.06 0.00	39.75 2.32 0.00	44.90 3.09 -0.11	56.28 3.67 -2.33	69.13 4.11 -2.68	63.45 3.77 -1.64	57.79 3.53 -2.44	55.02 3.48 -1.75	50.31 3.15 -1.41	47.71 2.91 -0.01
BARRETT_IC_9 23700	49.11 2.55 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.62 2.14 0.00	43.03 2.36 0.00	46.00 2.56 0.00	57.16 2.94 -6.12	58.98 3.20 -7.31	46.09 2.73 0.00	40.51 2.22 0.00	39.27 2.08 0.00	38.34 2.00 0.00	36.41 2.00 0.00	35.20 1.96 0.00	35.91 2.06 0.00	39.75 2.32 0.00	44.90 3.09 -0.11	56.28 3.67 -2.33	69.13 4.11 -2.68	63.45 3.77 -1.64	57.79 3.53 -2.44	55.02 3.48 -1.75	50.31 3.15 -1.41	47.71 2.91 -0.01
BARRETT___1 23545	49.11 2.55 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.62 2.14 0.00	43.03 2.36 0.00	46.00 2.56 0.00	57.16 2.94 -6.12	58.98 3.20 -7.31	46.09 2.73 0.00	40.51 2.22 0.00	39.27 2.08 0.00	38.34 2.00 0.00	36.41 2.00 0.00	35.20 1.96 0.00	35.91 2.06 0.00	39.75 2.32 0.00	44.90 3.09 -0.11	56.28 3.67 -2.33	69.13 4.11 -2.68	63.45 3.77 -1.64	57.79 3.53 -2.44	55.02 3.48 -1.75	50.31 3.15 -1.41	47.71 2.91 -0.01
BARRETT___2 23546	49.11 2.55 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.62 2.14 0.00	43.03 2.36 0.00	46.00 2.56 0.00	57.16 2.94 -6.12	58.98 3.20 -7.31	46.09 2.73 0.00	40.51 2.22 0.00	39.27 2.08 0.00	38.34 2.00 0.00	36.41 2.00 0.00	35.20 1.96 0.00	35.91 2.06 0.00	39.75 2.32 0.00	44.90 3.09 -0.11	56.28 3.67 -2.33	69.13 4.11 -2.68	63.45 3.77 -1.64	57.79 3.53 -2.44	55.02 3.48 -1.75	50.31 3.15 -1.41	47.71 2.91 -0.01
BATAVIA__115KV_TB1 55881	43.71 -1.92 0.00	41.62 -1.87 0.00	38.78 -2.00 0.00	38.45 -2.02 0.00	38.72 -1.95 0.00	41.48 -1.95 0.00	46.09 -2.02 0.00	45.56 -2.91 0.00	41.10 -2.25 0.00	36.42 -1.88 0.00	35.55 -1.64 0.00	34.53 -1.82 0.00	32.45 -1.96 0.00	31.21 -2.03 0.00	31.74 -2.10 0.00	35.48 -1.95 0.00	38.95 -2.75 0.00	47.16 -3.12 0.00	58.84 -3.49 0.00	54.56 -3.48 0.00	48.82 -3.01 0.00	46.75 -3.04 0.00	43.37 -2.38 0.00	42.82 -1.97 0.00
BAYONEEC___CTG1 323682	48.62 2.05 -0.94	45.40 1.91 0.00	42.65 1.88 0.00	42.34 1.86 0.00	42.58 1.91 0.00	45.39 1.96 0.00	52.89 2.21 -2.57	51.08 2.62 0.00	45.78 2.43 0.00	40.48 2.18 0.00	39.31 2.12 0.00	38.38 2.03 0.00	36.48 2.06 0.00	35.20 1.96 0.00	35.84 2.00 0.00	39.56 2.13 0.00	44.40 2.59 -0.11	55.83 3.22 -2.33	68.69 3.68 -2.68	63.22 3.54 -1.64	57.38 3.11 -2.44	54.47 2.94 -1.75	49.67 2.51 -1.40	47.13 2.33 -0.01
BAYONEEC___CTG10 323750	48.62 2.05 -0.94	45.40 1.91 0.00	42.65 1.88 0.00	42.34 1.86 0.00	42.58 1.91 0.00	45.39 1.96 0.00	52.89 2.21 -2.57	51.08 2.62 0.00	45.78 2.43 0.00	40.48 2.18 0.00	39.31 2.12 0.00	38.38 2.03 0.00	36.48 2.06 0.00	35.20 1.96 0.00	35.84 2.00 0.00	39.56 2.13 0.00	44.40 2.59 -0.11	55.83 3.22 -2.33	68.69 3.68 -2.68	63.22 3.54 -1.64	57.38 3.11 -2.44	54.47 2.94 -1.75	49.67 2.51 -1.40	47.13 2.33 -0.01
BAYONEEC___CTG2 323683	48.62 2.05 -0.94	45.40 1.91 0.00	42.65 1.88 0.00	42.34 1.86 0.00	42.58 1.91 0.00	45.39 1.96 0.00	52.89 2.21 -2.57	51.08 2.62 0.00	45.78 2.43 0.00	40.48 2.18 0.00	39.31 2.12 0.00	38.38 2.03 0.00	36.48 2.06 0.00	35.20 1.96 0.00	35.84 2.00 0.00	39.56 2.13 0.00	44.40 2.59 -0.11	55.83 3.22 -2.33	68.69 3.68 -2.68	63.22 3.54 -1.64	57.38 3.11 -2.44	54.47 2.94 -1.75	49.67 2.51 -1.40	47.13 2.33 -0.01
BAYONEEC___CTG3 323684	48.62 2.05 -0.94	45.40 1.91 0.00	42.65 1.88 0.00	42.34 1.86 0.00	42.58 1.91 0.00	45.39 1.96 0.00	52.89 2.21 -2.57	51.08 2.62 0.00	45.78 2.43 0.00	40.48 2.18 0.00	39.31 2.12 0.00	38.38 2.03 0.00	36.48 2.06 0.00	35.20 1.96 0.00	35.84 2.00 0.00	39.56 2.13 0.00	44.40 2.59 -0.11	55.83 3.22 -2.33	68.69 3.68 -2.68	63.22 3.54 -1.64	57.38 3.11 -2.44	54.47 2.94 -1.75	49.67 2.51 -1.40	47.13 2.33 -0.01
BAYONEEC___CTG4 323685	48.62 2.05 -0.94	45.40 1.91 0.00	42.65 1.88 0.00	42.34 1.86 0.00	42.58 1.91 0.00	45.39 1.96 0.00	52.89 2.21 -2.57	51.08 2.62 0.00	45.78 2.43 0.00	40.48 2.18 0.00	39.31 2.12 0.00	38.38 2.03 0.00	36.48 2.06 0.00	35.20 1.96 0.00	35.84 2.00 0.00	39.56 2.13 0.00	44.40 2.59 -0.11	55.83 3.22 -2.33	68.69 3.68 -2.68	63.22 3.54 -1.64	57.38 3.11 -2.44	54.47 2.94 -1.75	49.67 2.51 -1.40	47.13 2.33 -0.01
BAYONEEC___CTG5 323686	48.62 2.05 -0.94	45.40 1.91 0.00	42.65 1.88 0.00	42.34 1.86 0.00	42.58 1.91 0.00	45.39 1.96 0.00	52.89 2.21 -2.57	51.08 2.62 0.00	45.78 2.43 0.00	40.48 2.18 0.00	39.31 2.12 0.00	38.38 2.03 0.00	36.48 2.06 0.00	35.20 1.96 0.00	35.84 2.00 0.00	39.56 2.13 0.00	44.40 2.59 -0.11	55.83 3.22 -2.33	68.69 3.68 -2.68	63.22 3.54 -1.64	57.38 3.11 -2.44	54.47 2.94 -1.75	49.67 2.51 -1.40	47.13 2.33 -0.01
BAYONEEC___CTG6 323687	48.62 2.05 -0.94	45.40 1.91 0.00	42.65 1.88 0.00	42.34 1.86 0.00	42.58 1.91 0.00	45.39 1.96 0.00	52.89 2.21 -2.57	51.08 2.62 0.00	45.78 2.43 0.00	40.48 2.18 0.00	39.31 2.12 0.00	38.38 2.03 0.00	36.48 2.06 0.00	35.20 1.96 0.00	35.84 2.00 0.00	39.56 2.13 0.00	44.40 2.59 -0.11	55.83 3.22 -2.33	68.69 3.68 -2.68	63.22 3.54 -1.64	57.38 3.11 -2.44	54.47 2.94 -1.75	49.67 2.51 -1.40	47.13 2.33 -0.01

BAYONEEC___CTG7 323688	48.62 2.05 -0.94	45.40 1.91 0.00	42.65 1.88 0.00	42.34 1.86 0.00	42.58 1.91 0.00	45.39 1.96 0.00	52.89 2.21 -2.57	51.08 2.62 0.00	45.78 2.43 0.00	40.48 2.18 0.00	39.31 2.12 0.00	38.38 2.03 0.00	36.48 2.06 0.00	35.20 1.96 0.00	35.84 2.00 0.00	39.56 2.13 0.00	44.40 2.59 -0.11	55.83 3.22 -2.33	68.69 3.68 -2.68	63.22 3.54 -1.64	57.38 3.11 -2.44	54.47 2.94 -1.75	49.67 2.51 -1.40	47.13 2.33 -0.01
BAYONEEC___CTG8 323689	48.62 2.05 -0.94	45.40 1.91 0.00	42.65 1.88 0.00	42.34 1.86 0.00	42.58 1.91 0.00	45.39 1.96 0.00	52.89 2.21 -2.57	51.08 2.62 0.00	45.78 2.43 0.00	40.48 2.18 0.00	39.31 2.12 0.00	38.38 2.03 0.00	36.48 2.06 0.00	35.20 1.96 0.00	35.84 2.00 0.00	39.56 2.13 0.00	44.40 2.59 -0.11	55.83 3.22 -2.33	68.69 3.68 -2.68	63.22 3.54 -1.64	57.38 3.11 -2.44	54.47 2.94 -1.75	49.67 2.51 -1.40	47.13 2.33 -0.01
BAYONEEC___CTG9 323749	48.62 2.05 -0.94	45.40 1.91 0.00	42.65 1.88 0.00	42.34 1.86 0.00	42.58 1.91 0.00	45.39 1.96 0.00	52.89 2.21 -2.57	51.08 2.62 0.00	45.78 2.43 0.00	40.48 2.18 0.00	39.31 2.12 0.00	38.38 2.03 0.00	36.48 2.06 0.00	35.20 1.96 0.00	35.84 2.00 0.00	39.56 2.13 0.00	44.40 2.59 -0.11	55.83 3.22 -2.33	68.69 3.68 -2.68	63.22 3.54 -1.64	57.38 3.11 -2.44	54.47 2.94 -1.75	49.67 2.51 -1.40	47.13 2.33 -0.01
BEACON___LESR 323632	52.56 2.51 -4.43	45.92 2.43 0.00	43.06 2.28 0.00	42.74 2.27 0.00	42.95 2.28 0.00	45.87 2.43 0.00	62.90 2.64 -12.14	51.18 2.71 0.00	45.69 2.34 0.00	40.32 2.03 0.00	39.08 1.90 0.00	38.24 1.89 0.00	36.17 1.75 0.00	34.97 1.73 0.00	35.60 1.76 0.00	39.45 2.02 0.00	44.72 2.50 -0.51	64.26 2.97 -11.02	78.55 3.55 -12.66	69.10 3.31 -7.76	66.32 2.95 -11.55	60.91 2.84 -8.29	54.98 2.61 -6.62	47.43 2.60 -0.04
BEAVER RIVER___HYD 24048	46.13 0.50 0.00	43.83 0.35 0.00	41.18 0.41 0.00	40.84 0.36 0.00	41.08 0.41 0.00	43.61 0.17 0.00	48.25 0.14 0.00	48.76 0.29 0.00	43.35 0.00 0.00	38.03 -0.27 0.00	36.93 -0.26 0.00	35.73 -0.62 0.00	33.80 -0.62 0.00	32.64 -0.60 0.00	33.23 -0.61 0.00	36.83 -0.60 0.00	41.12 -0.58 0.00	50.08 -0.20 0.00	63.08 0.75 0.00	58.85 0.81 0.00	52.76 0.93 0.00	50.83 1.05 0.00	46.66 0.91 0.00	45.56 0.76 0.00
BEEBEE_GT_13 23619	43.62 -2.01 0.00	41.53 -1.96 0.00	38.78 -2.00 0.00	38.49 -1.98 0.00	38.72 -1.95 0.00	41.44 -2.00 0.00	45.99 -2.12 0.00	45.75 -2.71 0.00	41.19 -2.17 0.00	36.53 -1.76 0.00	35.63 -1.56 0.00	34.68 -1.67 0.00	32.69 -1.72 0.00	31.51 -1.73 0.00	32.05 -1.79 0.00	35.71 -1.72 0.00	39.29 -2.42 0.00	47.41 -2.87 0.00	58.97 -3.37 0.00	54.67 -3.37 0.00	48.87 -2.95 0.00	46.85 -2.94 0.00	43.33 -2.42 0.00	42.69 -2.11 0.00
BENSHRST_27_KV_BENSHRST_1 355998	58.12 2.87 -9.62	59.45 2.70 -13.27	58.62 2.61 -15.23	58.57 2.59 -15.51	58.58 2.60 -15.30	58.60 2.56 -12.60	59.54 2.93 -8.50	60.39 3.30 -8.62	61.48 3.12 -15.00	60.32 2.87 -19.15	60.31 2.79 -20.33	60.33 2.73 -21.26	60.28 2.68 -23.18	60.27 2.59 -24.43	60.27 2.64 -23.79	61.41 2.81 -21.18	63.85 3.38 -18.77	64.93 4.02 -10.63	69.74 4.68 -2.74	68.52 4.47 -6.02	64.95 3.99 -9.13	63.96 3.73 -10.44	63.86 3.29 -14.81	61.49 3.18 -13.52
BETHLEHEM___GRP 23843	52.10 1.87 -4.61	45.36 1.87 0.00	42.53 1.75 0.00	42.21 1.74 0.00	42.46 1.79 0.00	45.30 1.87 0.00	62.78 2.02 -12.65	50.55 2.08 0.00	45.18 1.82 0.00	39.90 1.61 0.00	38.68 1.49 0.00	37.87 1.53 0.00	35.86 1.45 0.00	34.67 1.43 0.00	35.30 1.46 0.00	39.04 1.61 0.00	44.20 1.96 -0.54	64.02 2.26 -11.47	78.14 2.62 -13.19	68.61 2.50 -8.08	66.08 2.23 -12.03	60.56 2.14 -8.64	54.61 1.97 -6.90	46.76 1.93 -0.04
BETHLEHEM___GS1 323560	52.15 1.92 -4.61	45.36 1.87 0.00	42.57 1.79 0.00	42.21 1.74 0.00	42.46 1.79 0.00	45.34 1.91 0.00	62.78 2.02 -12.65	50.55 2.08 0.00	45.18 1.82 0.00	39.86 1.57 0.00	38.68 1.49 0.00	37.84 1.49 0.00	35.86 1.45 0.00	34.67 1.43 0.00	35.30 1.45 0.00	39.04 1.61 0.00	44.20 1.96 -0.54	64.02 2.26 -11.47	78.14 2.62 -13.19	68.61 2.49 -8.08	66.08 2.23 -12.03	60.56 2.14 -8.64	54.61 1.97 -6.90	46.76 1.92 -0.04
BETHLEHEM___GS2 323561	52.15 1.92 -4.61	45.36 1.87 0.00	42.57 1.79 0.00	42.21 1.74 0.00	42.46 1.79 0.00	45.34 1.91 0.00	62.78 2.02 -12.65	50.55 2.08 0.00	45.18 1.82 0.00	39.86 1.57 0.00	38.68 1.49 0.00	37.84 1.49 0.00	35.86 1.45 0.00	34.67 1.43 0.00	35.30 1.45 0.00	39.04 1.61 0.00	44.20 1.96 -0.54	64.02 2.26 -11.47	78.14 2.62 -13.19	68.61 2.49 -8.08	66.08 2.23 -12.03	60.56 2.14 -8.64	54.61 1.97 -6.90	46.76 1.92 -0.04
BETHLEHEM___GS3 323562	52.15 1.92 -4.61	45.36 1.87 0.00	42.57 1.79 0.00	42.21 1.74 0.00	42.46 1.79 0.00	45.34 1.91 0.00	62.78 2.02 -12.65	50.55 2.08 0.00	45.18 1.82 0.00	39.86 1.57 0.00	38.68 1.49 0.00	37.84 1.49 0.00	35.86 1.45 0.00	34.67 1.43 0.00	35.30 1.45 0.00	39.04 1.61 0.00	44.20 1.96 -0.54	64.02 2.26 -11.47	78.14 2.62 -13.19	68.61 2.49 -8.08	66.08 2.23 -12.03	60.56 2.14 -8.64	54.61 1.97 -6.90	46.76 1.92 -0.04
BETHLEHEM___STEEL 23779	43.02 -2.60 0.00	41.10 -2.39 0.00	38.29 -2.49 0.00	37.88 -2.59 0.00	38.15 -2.52 0.00	40.96 -2.48 0.00	45.37 -2.74 0.00	44.69 -3.78 0.00	40.54 -2.82 0.00	36.11 -2.18 0.00	35.25 -1.93 0.00	34.28 -2.07 0.00	32.21 -2.20 0.00	30.98 -2.26 0.00	31.47 -2.37 0.00	35.14 -2.28 0.00	38.41 -3.29 0.00	46.56 -3.72 0.00	57.60 -4.74 0.00	53.28 -4.76 0.00	47.83 -3.99 0.00	45.85 -3.93 0.00	42.69 -3.07 0.00	42.33 -2.46 0.00
BETHLHEM_115KV_TB1 79974	51.80 1.78 -4.40	45.27 1.78 0.00	42.49 1.71 0.00	42.17 1.70 0.00	42.38 1.71 0.00	45.22 1.78 0.00	62.10 1.92 -12.07	50.46 1.99 0.00	45.13 1.78 0.00	39.83 1.53 0.00	38.64 1.45 0.00	37.80 1.45 0.00	35.79 1.38 0.00	34.60 1.36 0.00	35.23 1.39 0.00	38.96 1.53 0.00	44.09 1.88 -0.51	63.44 2.21 -10.95	77.48 2.56 -12.59	68.13 2.38 -7.71	65.43 2.12 -11.48	60.12 2.09 -8.24	54.21 1.88 -6.58	46.67 1.84 -0.04
BETHPAGE_CC_5 323564	49.44 2.88 -0.94	46.05 2.57 0.00	43.22 2.45 0.00	42.82 2.35 0.00	43.28 2.61 0.00	46.30 2.87 0.00	57.59 3.37 -6.12	59.42 3.64 -7.31	46.39 3.03 0.00	40.71 2.41 0.00	39.46 2.27 0.00	38.49 2.14 0.00	36.55 2.13 0.00	35.33 2.10 0.00	36.08 2.23 0.00	39.97 2.55 0.00	45.15 3.34 -0.11	56.63 4.02 -2.33	69.69 4.68 -2.68	63.97 4.29 -1.64	58.10 3.83 -2.44	55.37 3.83 -1.75	50.54 3.39 -1.41	47.98 3.18 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	43.16 -2.46 0.00	41.23 -2.26 0.00	38.41 -2.37 0.00	38.00 -2.47 0.00	38.27 -2.40 0.00	41.09 -2.35 0.00	45.51 -2.60 0.00	44.83 -3.64 0.00	40.67 -2.69 0.00	36.23 -2.07 0.00	35.37 -1.82 0.00	34.38 -1.96 0.00	32.28 -2.13 0.00	31.05 -2.19 0.00	31.57 -2.27 0.00	35.22 -2.21 0.00	38.54 -3.17 0.00	46.71 -3.57 0.00	57.78 -4.55 0.00	53.45 -4.59 0.00	47.99 -3.83 0.00	46.00 -3.78 0.00	42.82 -2.93 0.00	42.46 -2.33 0.00

BINGHAMTON___COGEN 23790	45.72 -0.32 -0.42	43.18 -0.30 0.00	40.45 -0.33 0.00	40.15 -0.32 0.00	40.35 -0.33 0.00	43.09 -0.35 0.00	48.92 -0.34 -1.15	47.89 -0.58 0.00	42.92 -0.43 0.00	38.03 -0.27 0.00	36.97 -0.22 0.00	36.06 -0.29 0.00	34.00 -0.41 0.00	32.81 -0.43 0.00	33.40 -0.44 0.00	37.05 -0.37 0.00	41.17 -0.58 -0.05	50.87 -0.45 -1.05	62.97 -0.56 -1.20	58.14 -0.64 -0.74	52.45 -0.47 -1.10	50.02 -0.55 -0.79	45.92 -0.46 -0.63	44.48 -0.31 0.00
BIXINCNT_115KV_LOAD 355685	43.29 -2.55 -0.22	41.10 -2.39 0.00	38.13 -2.65 0.00	37.68 -2.79 0.00	37.99 -2.68 0.00	40.96 -2.48 0.00	45.98 -2.74 -0.62	44.69 -3.78 0.00	40.45 -2.90 0.00	36.00 -2.30 0.00	35.14 -2.05 0.00	33.98 -2.36 0.00	31.73 -2.68 0.00	30.38 -2.86 0.00	30.83 -3.01 0.00	34.47 -2.96 0.00	37.89 -3.84 -0.03	46.51 -4.32 -0.56	57.74 -5.24 -0.64	53.27 -5.17 -0.39	48.31 -4.09 -0.59	46.27 -3.93 -0.42	43.16 -2.93 -0.34	42.24 -2.55 0.00
BLACK RIVER___HYD 24047	46.67 1.05 0.00	44.36 0.87 0.00	41.63 0.86 0.00	41.32 0.85 0.00	41.57 0.89 0.00	44.17 0.74 0.00	48.88 0.77 0.00	49.29 0.82 0.00	43.79 0.43 0.00	38.37 0.08 0.00	37.23 0.04 0.00	36.06 -0.29 0.00	34.07 -0.34 0.00	32.87 -0.36 0.00	33.50 -0.34 0.00	37.20 -0.22 0.00	41.50 -0.21 0.00	50.68 0.40 0.00	64.02 1.68 0.00	59.72 1.68 0.00	53.48 1.66 0.00	51.53 1.74 0.00	47.17 1.42 0.00	46.05 1.25 0.00
BLACKRVR_115KV_TB2 79977	46.72 1.09 0.00	44.36 0.87 0.00	41.63 0.86 0.00	41.32 0.85 0.00	41.57 0.89 0.00	44.17 0.74 0.00	48.88 0.77 0.00	49.29 0.82 0.00	43.79 0.43 0.00	38.37 0.08 0.00	37.23 0.04 0.00	36.02 -0.33 0.00	34.07 -0.34 0.00	32.87 -0.37 0.00	33.50 -0.34 0.00	37.20 -0.22 0.00	41.50 -0.21 0.00	50.68 0.40 0.00	64.02 1.68 0.00	59.72 1.68 0.00	53.48 1.66 0.00	51.53 1.74 0.00	47.17 1.42 0.00	46.05 1.25 0.00
BLISS_WT_PWR 323608	42.98 -2.87 -0.22	40.88 -2.61 0.00	37.88 -2.89 0.00	37.44 -3.04 0.00	37.79 -2.89 0.00	40.78 -2.65 0.00	45.74 -2.98 -0.62	44.49 -3.97 0.00	40.23 -3.12 0.00	35.81 -2.49 0.00	34.96 -2.23 0.00	33.80 -2.55 0.00	31.49 -2.93 0.00	30.11 -3.13 0.00	30.53 -3.32 0.00	34.17 -3.26 0.00	37.65 -4.09 -0.03	46.16 -4.67 -0.56	57.30 -5.67 -0.64	52.92 -5.51 -0.39	48.06 -4.35 -0.59	46.07 -4.13 -0.42	43.02 -3.06 -0.34	42.02 -2.78 0.00
BLUESTONE___WT_PWR 323821	48.57 2.19 -0.76	45.53 2.04 0.00	42.69 1.92 0.00	42.34 1.86 0.00	42.58 1.91 0.00	45.52 2.08 0.00	52.55 2.36 -2.08	50.79 2.33 0.00	45.31 1.95 0.00	39.86 1.57 0.00	38.71 1.53 0.00	37.62 1.27 0.00	35.38 0.96 0.00	34.14 0.90 0.00	34.86 1.01 0.00	38.81 1.39 0.00	43.34 1.54 -0.09	54.73 2.56 -1.89	68.06 3.55 -2.17	62.44 3.07 -1.33	56.55 2.74 -1.98	53.89 2.69 -1.42	49.17 2.29 -1.14	47.08 2.28 -0.01
BLUE_CIRC_CHEM_DRP 24182	50.92 1.87 -3.43	45.40 1.91 0.00	42.61 1.83 0.00	42.25 1.78 0.00	42.50 1.83 0.00	45.35 1.91 0.00	59.49 1.97 -9.41	50.46 1.99 0.00	45.00 1.65 0.00	39.67 1.38 0.00	38.45 1.26 0.00	37.62 1.27 0.00	35.62 1.20 0.00	34.44 1.20 0.00	35.06 1.22 0.00	38.81 1.38 0.00	43.85 1.75 -0.40	60.93 2.11 -8.54	74.64 2.49 -9.81	66.43 2.38 -6.01	62.90 2.12 -8.95	58.25 2.04 -6.42	52.80 1.92 -5.13	46.80 1.97 -0.03
BOC_GAS_DRP 24189	50.22 1.37 -3.23	44.84 1.35 0.00	42.08 1.30 0.00	41.77 1.30 0.00	41.97 1.30 0.00	44.78 1.35 0.00	58.47 1.49 -8.87	50.02 1.55 0.00	44.74 1.39 0.00	39.48 1.19 0.00	38.34 1.15 0.00	37.51 1.16 0.00	35.55 1.14 0.00	34.34 1.10 0.00	34.96 1.12 0.00	38.62 1.20 0.00	43.58 1.50 -0.38	60.03 1.71 -8.05	73.58 1.99 -9.25	65.56 1.86 -5.67	61.92 1.66 -8.43	57.48 1.64 -6.06	52.00 1.42 -4.84	46.26 1.43 -0.03
BOONVILLE_115KV_TB1 79983	46.67 1.05 0.00	44.40 0.91 0.00	41.72 0.94 0.00	41.36 0.89 0.00	41.61 0.94 0.00	44.30 0.87 0.00	49.07 0.96 0.00	49.53 1.07 0.00	44.18 0.82 0.00	38.87 0.57 0.00	37.71 0.52 0.00	36.64 0.29 0.00	34.62 0.21 0.00	33.40 0.17 0.00	34.05 0.20 0.00	37.73 0.30 0.00	42.12 0.42 0.00	51.13 0.85 0.00	63.89 1.56 0.00	59.55 1.51 0.00	53.22 1.40 0.00	51.23 1.44 0.00	46.94 1.19 0.00	45.91 1.12 0.00
BORALEX_4TH_BRANCH 23824	54.96 2.51 -6.82	45.92 2.44 0.00	43.14 2.37 0.00	42.82 2.35 0.00	43.07 2.40 0.00	45.91 2.48 0.00	69.67 2.84 -18.72	51.42 2.96 0.00	45.96 2.60 0.00	40.59 2.30 0.00	39.27 2.08 0.00	38.42 2.07 0.00	36.44 2.03 0.00	35.20 1.96 0.00	35.81 1.96 0.00	39.60 2.17 0.00	45.21 2.71 -0.79	70.28 3.02 -16.98	85.35 3.49 -19.52	73.30 3.31 -11.96	72.53 2.90 -17.80	65.50 2.94 -12.78	58.43 2.47 -10.21	47.28 2.42 -0.06
BOWLINE___1 23526	48.16 1.64 -0.89	45.01 1.52 0.00	42.29 1.51 0.00	41.97 1.50 0.00	42.22 1.55 0.00	45.04 1.61 0.00	52.34 1.78 -2.45	50.50 2.04 0.00	45.22 1.86 0.00	39.94 1.65 0.00	38.79 1.60 0.00	37.91 1.56 0.00	35.96 1.55 0.00	34.74 1.50 0.00	35.37 1.52 0.00	39.07 1.64 0.00	43.81 2.00 -0.10	55.01 2.51 -2.22	67.75 2.87 -2.55	62.27 2.67 -1.56	56.54 2.39 -2.33	53.75 2.29 -1.67	49.05 1.97 -1.33	46.60 1.79 -0.01
BOWLINE___2 23595	48.16 1.64 -0.89	45.01 1.52 0.00	42.29 1.51 0.00	41.97 1.50 0.00	42.22 1.55 0.00	45.04 1.61 0.00	52.38 1.83 -2.45	50.55 2.08 0.00	45.22 1.86 0.00	39.94 1.65 0.00	38.79 1.60 0.00	37.91 1.56 0.00	35.96 1.55 0.00	34.74 1.50 0.00	35.37 1.52 0.00	39.07 1.64 0.00	43.81 2.00 -0.10	55.01 2.51 -2.22	67.76 2.87 -2.55	62.33 2.73 -1.56	56.54 2.39 -2.33	53.75 2.29 -1.67	49.05 1.97 -1.33	46.60 1.79 -0.01
BRADY___115KV_TB2 356060	45.72 0.09 0.00	43.53 0.04 0.00	40.78 0.00 0.00	40.51 0.04 0.00	40.75 0.08 0.00	43.39 -0.04 0.00	47.97 -0.14 0.00	48.37 -0.10 0.00	43.09 -0.26 0.00	37.83 -0.46 0.00	36.70 -0.48 0.00	35.87 -0.47 0.00	34.14 -0.28 0.00	32.97 -0.27 0.00	33.57 -0.27 0.00	37.05 -0.37 0.00	41.54 -0.17 0.00	50.23 -0.05 0.00	62.96 0.62 0.00	58.62 0.58 0.00	52.39 0.57 0.00	50.43 0.65 0.00	46.48 0.73 0.00	45.42 0.63 0.00
BRANSCOMB___SOLAR 323811	57.62 2.96 -9.03	46.27 2.79 0.00	43.39 2.61 0.00	43.02 2.55 0.00	43.28 2.61 0.00	46.22 2.78 0.00	76.01 3.13 -24.77	51.52 3.06 0.00	45.82 2.47 0.00	40.32 2.03 0.00	39.08 1.90 0.00	38.16 1.82 0.00	36.13 1.72 0.00	34.93 1.69 0.00	35.63 1.79 0.00	39.52 2.09 0.00	45.55 2.79 -1.05	76.17 3.42 -22.47	92.29 4.11 -25.84	77.69 3.83 -15.82	78.80 3.42 -23.56	69.93 3.23 -16.91	62.23 2.97 -13.51	47.79 2.91 -0.08
BRENTWOD_69_KV_W. BRTWOOD 56703	49.53 2.97 -0.94	46.18 2.70 0.00	43.35 2.57 0.00	42.94 2.47 0.00	43.44 2.77 0.00	46.65 3.21 0.00	57.98 3.75 -6.12	59.80 4.02 -7.31	46.52 3.16 0.00	40.74 2.45 0.00	39.46 2.27 0.00	38.49 2.14 0.00	36.48 2.06 0.00	35.30 2.06 0.00	36.08 2.23 0.00	39.97 2.55 0.00	45.40 3.59 -0.11	56.98 4.37 -2.33	70.25 5.24 -2.68	64.38 4.70 -1.64	58.46 4.20 -2.44	55.82 4.28 -1.75	50.86 3.71 -1.40	48.30 3.49 -0.01

BRISTLHL_115KV_TB1 79998	44.44 -1.19 0.00	42.36 -1.13 0.00	39.72 -1.06 0.00	39.46 -1.01 0.00	39.61 -1.06 0.00	42.31 -1.13 0.00	46.81 -1.30 0.00	47.06 -1.41 0.00	42.14 -1.21 0.00	37.37 -0.92 0.00	36.33 -0.86 0.00	35.44 -0.91 0.00	33.45 -0.96 0.00	32.27 -0.96 0.00	32.86 -0.98 0.00	36.45 -0.97 0.00	40.33 -1.38 0.00	48.62 -1.66 0.00	60.40 -1.93 0.00	56.18 -1.86 0.00	50.16 -1.66 0.00	48.14 -1.64 0.00	44.24 -1.51 0.00	43.36 -1.43 0.00
BROOKHAVEN___DRP 24191	49.02 2.46 -0.94	45.71 2.22 0.00	42.86 2.08 0.00	42.46 1.98 0.00	43.11 2.44 0.00	46.52 3.08 0.00	57.83 3.61 -6.12	59.71 3.93 -7.31	46.04 2.69 0.00	40.28 1.99 0.00	38.97 1.79 0.00	37.98 1.64 0.00	36.00 1.58 0.00	34.83 1.60 0.00	35.60 1.76 0.00	39.45 2.02 0.00	45.02 3.21 -0.11	56.38 3.77 -2.33	69.63 4.61 -2.68	63.80 4.12 -1.64	57.89 3.63 -2.44	55.47 3.93 -1.75	50.35 3.20 -1.40	47.85 3.05 -0.01
BROOKLYN_NAVY_YARD 23515	48.66 2.10 -0.94	45.36 1.87 0.00	42.61 1.84 0.00	42.30 1.82 0.00	42.54 1.87 0.00	45.34 1.91 0.00	52.89 2.21 -2.57	51.13 2.66 0.00	45.87 2.51 0.00	40.59 2.30 0.00	39.42 2.23 0.00	38.49 2.14 0.00	36.55 2.13 0.00	35.30 2.06 0.00	35.94 2.10 0.00	39.67 2.25 0.00	44.52 2.71 -0.11	55.93 3.32 -2.33	68.88 3.87 -2.68	63.40 3.72 -1.64	57.53 3.27 -2.44	54.58 3.04 -1.75	49.76 2.61 -1.40	47.18 2.37 -0.01
BROOKLYN___ARMY_DRP 323595	57.94 2.69 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.45 2.48 -15.30	58.47 2.43 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.30 2.95 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.14 2.55 -23.18	60.13 2.46 -24.43	60.14 2.50 -23.79	61.26 2.66 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.24 -6.02	64.74 3.78 -9.13	63.76 3.53 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
BROOKVLE_69_KV_TB1 55790	49.43 2.87 -0.94	46.14 2.65 0.00	43.31 2.53 0.00	42.94 2.47 0.00	43.32 2.64 0.00	46.30 2.87 0.00	57.59 3.37 -6.12	59.47 3.68 -7.31	46.43 3.08 0.00	40.78 2.49 0.00	39.57 2.38 0.00	38.64 2.29 0.00	36.65 2.24 0.00	35.47 2.23 0.00	36.18 2.34 0.00	40.08 2.66 0.00	45.27 3.46 -0.11	56.83 4.22 -2.33	70.00 4.99 -2.68	64.21 4.53 -1.64	58.31 4.04 -2.44	55.57 4.03 -1.75	50.67 3.52 -1.40	48.12 3.31 -0.01
BROOME_2_LFGE 323671	45.68 -0.37 -0.42	43.19 -0.30 0.00	40.45 -0.33 0.00	40.15 -0.33 0.00	40.35 -0.33 0.00	43.13 -0.30 0.00	48.93 -0.33 -1.15	47.89 -0.58 0.00	42.92 -0.43 0.00	38.03 -0.27 0.00	36.97 -0.22 0.00	36.06 -0.29 0.00	34.00 -0.41 0.00	32.81 -0.43 0.00	33.40 -0.44 0.00	37.05 -0.37 0.00	41.17 -0.58 -0.05	50.87 -0.45 -1.05	62.97 -0.56 -1.20	58.14 -0.64 -0.74	52.45 -0.47 -1.10	50.02 -0.55 -0.79	45.92 -0.46 -0.63	44.49 -0.31 0.00
BROOME___LFGE 323600	45.68 -0.37 -0.42	43.19 -0.30 0.00	40.45 -0.33 0.00	40.15 -0.33 0.00	40.35 -0.33 0.00	43.13 -0.30 0.00	48.93 -0.33 -1.15	47.89 -0.58 0.00	42.92 -0.43 0.00	38.03 -0.27 0.00	36.97 -0.22 0.00	36.06 -0.29 0.00	34.00 -0.41 0.00	32.81 -0.43 0.00	33.40 -0.44 0.00	37.05 -0.37 0.00	41.17 -0.58 -0.05	50.87 -0.45 -1.05	62.97 -0.56 -1.20	58.14 -0.64 -0.74	52.45 -0.47 -1.10	50.02 -0.55 -0.79	45.92 -0.46 -0.63	44.49 -0.31 0.00
BROWNFLS_115KV_TB_3_5 80003	45.53 -0.09 0.00	43.31 -0.17 0.00	40.65 -0.12 0.00	40.31 -0.16 0.00	40.59 -0.08 0.00	43.04 -0.39 0.00	47.53 -0.58 0.00	48.03 -0.44 0.00	42.79 -0.56 0.00	37.53 -0.77 0.00	36.44 -0.74 0.00	35.40 -0.95 0.00	33.59 -0.83 0.00	32.41 -0.83 0.00	33.03 -0.81 0.00	36.49 -0.94 0.00	40.83 -0.88 0.00	49.57 -0.70 0.00	62.33 0.00 0.00	58.10 0.06 0.00	52.03 0.21 0.00	50.18 0.40 0.00	46.16 0.41 0.00	45.06 0.27 0.00
BROWNSV1_27_KV_LOAD 356125	48.98 2.42 -0.94	45.75 2.26 0.00	42.94 2.16 0.00	42.66 2.19 0.00	42.87 2.20 0.00	45.65 2.22 0.00	53.28 2.60 -2.57	51.42 2.96 0.00	46.13 2.77 0.00	40.78 2.49 0.00	39.61 2.42 0.00	38.71 2.36 0.00	36.72 2.31 0.00	35.50 2.26 0.00	36.11 2.27 0.00	39.86 2.43 0.00	44.77 2.96 -0.11	56.28 3.67 -2.33	69.31 4.30 -2.68	63.74 4.06 -1.64	57.89 3.63 -2.44	54.92 3.39 -1.75	50.08 2.93 -1.40	47.54 2.73 -0.01
BURROWS___LYONSDAL 23803	46.54 0.91 0.00	44.27 0.78 0.00	41.55 0.77 0.00	41.24 0.77 0.00	41.49 0.81 0.00	44.13 0.69 0.00	48.83 0.72 0.00	49.34 0.87 0.00	43.96 0.61 0.00	38.64 0.34 0.00	37.52 0.33 0.00	36.35 0.00 0.00	34.38 -0.03 0.00	33.17 -0.07 0.00	33.84 0.00 0.00	37.46 0.04 0.00	41.83 0.13 0.00	50.83 0.55 0.00	63.70 1.37 0.00	59.32 1.28 0.00	53.07 1.24 0.00	51.13 1.34 0.00	46.89 1.14 0.00	45.82 1.03 0.00
CAITHNESS_CC_1 323624	49.02 2.46 -0.94	45.66 2.17 0.00	42.86 2.08 0.00	42.46 1.98 0.00	43.11 2.44 0.00	46.47 3.04 0.00	57.74 3.51 -6.12	59.61 3.83 -7.31	46.04 2.69 0.00	40.28 1.99 0.00	38.97 1.78 0.00	38.02 1.67 0.00	36.03 1.62 0.00	34.83 1.60 0.00	35.63 1.79 0.00	39.52 2.09 0.00	44.98 3.17 -0.11	56.38 3.77 -2.33	69.56 4.55 -2.68	63.74 4.06 -1.64	57.84 3.57 -2.44	55.32 3.78 -1.75	50.36 3.20 -1.41	47.80 3.00 -0.01
CALPINE BETH_PAGE_GT4 24209	49.39 2.83 -0.94	46.10 2.61 0.00	43.22 2.45 0.00	42.86 2.39 0.00	43.23 2.56 0.00	46.26 2.82 0.00	57.59 3.37 -6.12	59.42 3.64 -7.31	46.39 3.03 0.00	40.71 2.41 0.00	39.46 2.27 0.00	38.53 2.18 0.00	36.55 2.13 0.00	35.37 2.13 0.00	36.08 2.23 0.00	39.97 2.55 0.00	45.11 3.29 -0.11	56.53 3.92 -2.33	69.63 4.61 -2.68	63.86 4.18 -1.64	58.00 3.73 -2.44	55.27 3.73 -1.75	50.44 3.29 -1.40	47.89 3.09 -0.01
CALPINE_BETH_PAGE_GT_4 323586	49.44 2.88 -0.94	46.05 2.57 0.00	43.22 2.45 0.00	42.86 2.39 0.00	43.28 2.61 0.00	46.30 2.87 0.00	57.59 3.37 -6.12	59.42 3.64 -7.31	46.39 3.03 0.00	40.71 2.41 0.00	39.46 2.27 0.00	38.53 2.18 0.00	36.55 2.13 0.00	35.37 2.13 0.00	36.08 2.23 0.00	39.97 2.55 0.00	45.11 3.29 -0.11	56.53 3.92 -2.33	69.56 4.55 -2.68	63.86 4.18 -1.64	58.00 3.73 -2.44	55.27 3.74 -1.75	50.45 3.30 -1.41	47.89 3.09 -0.01
CALPINE_BP_GT1 23823	49.44 2.88 -0.94	46.05 2.57 0.00	43.22 2.45 0.00	42.86 2.39 0.00	43.28 2.61 0.00	46.30 2.87 0.00	57.59 3.37 -6.12	59.42 3.64 -7.31	46.39 3.03 0.00	40.71 2.41 0.00	39.46 2.27 0.00	38.53 2.18 0.00	36.55 2.13 0.00	35.37 2.13 0.00	36.08 2.23 0.00	39.97 2.55 0.00	45.11 3.29 -0.11	56.53 3.92 -2.33	69.56 4.55 -2.68	63.86 4.18 -1.64	58.00 3.73 -2.44	55.27 3.74 -1.75	50.45 3.30 -1.41	47.89 3.09 -0.01
CALSPAN___DRP 24200	43.02 -2.60 0.00	41.10 -2.39 0.00	38.29 -2.49 0.00	37.88 -2.59 0.00	38.15 -2.52 0.00	40.96 -2.48 0.00	45.37 -2.74 0.00	44.69 -3.78 0.00	40.54 -2.82 0.00	36.11 -2.18 0.00	35.25 -1.93 0.00	34.28 -2.07 0.00	32.21 -2.20 0.00	30.98 -2.26 0.00	31.47 -2.37 0.00	35.14 -2.28 0.00	38.41 -3.29 0.00	46.56 -3.72 0.00	57.60 -4.74 0.00	53.28 -4.76 0.00	47.83 -3.99 0.00	45.85 -3.93 0.00	42.69 -3.07 0.00	42.33 -2.46 0.00

CALVERTON___SOLAR 323806	49.07 2.51 -0.94	45.71 2.22 0.00	42.90 2.12 0.00	42.50 2.02 0.00	43.19 2.52 0.00	46.65 3.21 0.00	57.93 3.70 -6.12	59.80 4.02 -7.31	46.09 2.73 0.00	40.28 1.99 0.00	38.94 1.75 0.00	37.94 1.60 0.00	36.00 1.58 0.00	34.80 1.56 0.00	35.60 1.76 0.00	39.48 2.06 0.00	45.02 3.21 -0.11	56.43 3.82 -2.33	69.69 4.68 -2.68	63.86 4.18 -1.64	57.95 3.68 -2.44	55.42 3.89 -1.75	50.41 3.25 -1.41	47.89 3.09 -0.01
CANDIGU_WT_PWR 323617	43.85 -2.05 -0.28	41.53 -1.96 0.00	38.61 -2.16 0.00	38.25 -2.23 0.00	38.44 -2.24 0.00	41.13 -2.30 0.00	46.42 -2.45 -0.76	45.27 -3.20 0.00	40.49 -2.86 0.00	35.81 -2.49 0.00	34.88 -2.31 0.00	34.02 -2.33 0.00	31.94 -2.48 0.00	30.68 -2.56 0.00	31.20 -2.64 0.00	34.73 -2.70 0.00	38.57 -3.17 -0.03	47.80 -3.17 -0.69	59.39 -3.74 -0.80	54.93 -3.60 -0.49	49.54 -3.01 -0.73	47.37 -2.94 -0.52	43.79 -2.38 -0.42	42.83 -1.97 0.00
CARR STREET_E_SYR 24060	44.76 -0.87 0.00	42.66 -0.83 0.00	40.00 -0.78 0.00	39.75 -0.73 0.00	39.90 -0.77 0.00	42.61 -0.83 0.00	47.19 -0.92 0.00	47.40 -1.07 0.00	42.49 -0.87 0.00	37.64 -0.65 0.00	36.63 -0.56 0.00	35.73 -0.62 0.00	33.73 -0.69 0.00	32.54 -0.70 0.00	33.13 -0.71 0.00	36.75 -0.67 0.00	40.66 -1.04 0.00	49.07 -1.21 0.00	60.90 -1.43 0.00	56.59 -1.45 0.00	50.53 -1.29 0.00	48.54 -1.24 0.00	44.56 -1.19 0.00	43.72 -1.08 0.00
CARTHAGE___PAPER 23857	46.31 0.69 0.00	44.01 0.52 0.00	41.31 0.53 0.00	41.00 0.52 0.00	41.24 0.57 0.00	43.82 0.39 0.00	48.45 0.34 0.00	48.95 0.48 0.00	43.49 0.13 0.00	38.10 -0.19 0.00	36.93 -0.26 0.00	35.76 -0.58 0.00	33.83 -0.59 0.00	32.64 -0.60 0.00	33.27 -0.58 0.00	36.87 -0.56 0.00	41.21 -0.50 0.00	50.28 0.00 0.00	63.46 1.12 0.00	59.20 1.16 0.00	53.06 1.24 0.00	51.08 1.29 0.00	46.85 1.10 0.00	45.69 0.90 0.00
CASSADAGA_WT_PWR 323784	42.52 -3.10 0.00	40.88 -2.61 0.00	38.25 -2.53 0.00	37.92 -2.55 0.00	38.19 -2.48 0.00	41.09 -2.35 0.00	45.51 -2.60 0.00	44.88 -3.59 0.00	40.84 -2.52 0.00	36.46 -1.84 0.00	35.59 -1.60 0.00	34.57 -1.78 0.00	32.35 -2.06 0.00	30.95 -2.29 0.00	31.37 -2.47 0.00	34.96 -2.47 0.00	38.29 -3.42 0.00	46.66 -3.62 0.00	58.03 -4.30 0.00	53.80 -4.23 0.00	48.46 -3.37 0.00	46.35 -3.43 0.00	43.01 -2.74 0.00	42.56 -2.24 0.00
CE_DUNWOOD___DRP 24194	48.57 2.01 -0.93	45.40 1.91 0.00	42.61 1.83 0.00	42.33 1.86 0.00	42.54 1.87 0.00	45.35 1.91 0.00	52.94 2.26 -2.57	50.99 2.52 0.00	45.65 2.30 0.00	40.32 2.03 0.00	39.12 1.93 0.00	38.24 1.89 0.00	36.27 1.86 0.00	35.07 1.83 0.00	35.70 1.86 0.00	39.41 1.98 0.00	44.27 2.46 -0.11	55.67 3.07 -2.33	68.56 3.55 -2.68	62.99 3.31 -1.64	57.22 2.95 -2.44	54.32 2.79 -1.75	49.57 2.42 -1.40	47.04 2.24 -0.01
CE_MILLWOOD___DRP 24193	48.52 1.96 -0.93	45.36 1.87 0.00	42.61 1.83 0.00	42.29 1.82 0.00	42.54 1.87 0.00	45.35 1.91 0.00	52.88 2.21 -2.56	50.94 2.47 0.00	45.57 2.21 0.00	40.25 1.95 0.00	39.09 1.90 0.00	38.20 1.85 0.00	36.24 1.82 0.00	35.00 1.76 0.00	35.64 1.79 0.00	39.37 1.95 0.00	44.19 2.38 -0.11	55.57 2.97 -2.32	68.43 3.43 -2.67	62.92 3.25 -1.64	57.11 2.85 -2.44	54.27 2.74 -1.75	49.53 2.38 -1.40	47.00 2.19 -0.01
CE_NYC2_DRP 24202	48.93 2.37 -0.94	45.71 2.22 0.00	42.94 2.16 0.00	42.66 2.19 0.00	42.87 2.20 0.00	45.52 2.08 0.00	53.08 2.41 -2.57	51.28 2.81 0.00	46.00 2.64 0.00	40.71 2.41 0.00	39.57 2.38 0.00	38.67 2.33 0.00	36.69 2.27 0.00	36.36 2.23 -0.89	36.08 2.23 0.00	39.82 2.40 0.00	44.73 2.92 -0.11	56.03 3.42 -2.33	68.94 3.93 -2.68	63.45 3.77 -1.64	57.63 3.37 -2.44	54.67 3.14 -1.75	49.94 2.79 -1.40	47.49 2.69 -0.01
CE_NYC_DRP 24195	48.70 2.14 -0.94	45.49 2.00 0.00	42.73 1.96 0.00	42.42 1.94 0.00	42.62 1.95 0.00	45.43 2.00 0.00	52.99 2.31 -2.57	51.18 2.71 0.00	45.87 2.51 0.00	40.55 2.26 0.00	39.38 2.19 0.00	38.46 2.11 0.00	36.51 2.10 0.00	35.27 2.03 0.00	35.91 2.06 0.00	39.63 2.21 0.00	44.52 2.71 -0.11	55.93 3.32 -2.33	68.88 3.86 -2.68	63.34 3.66 -1.64	57.48 3.21 -2.44	54.58 3.04 -1.75	49.76 2.61 -1.40	47.22 2.42 -0.01
CHAFFEE___LFGE 323603	42.98 -2.65 0.00	41.27 -2.22 0.00	38.41 -2.37 0.00	38.05 -2.43 0.00	38.31 -2.36 0.00	41.09 -2.35 0.00	45.56 -2.55 0.00	44.88 -3.59 0.00	40.71 -2.65 0.00	36.30 -1.99 0.00	35.40 -1.78 0.00	34.42 -1.93 0.00	32.35 -2.06 0.00	31.11 -2.13 0.00	31.61 -2.23 0.00	35.29 -2.13 0.00	38.66 -3.04 0.00	46.81 -3.47 0.00	57.97 -4.37 0.00	53.57 -4.47 0.00	48.09 -3.73 0.00	46.10 -3.68 0.00	42.87 -2.88 0.00	42.51 -2.28 0.00
CHATEAUG_35_KV_LOAD 355732	44.03 -1.60 0.00	41.97 -1.52 0.00	39.35 -1.43 0.00	39.06 -1.42 0.00	39.29 -1.38 0.00	41.96 -1.48 0.00	46.43 -1.68 0.00	46.82 -1.65 0.00	41.75 -1.60 0.00	36.72 -1.57 0.00	35.66 -1.52 0.00	34.82 -1.53 0.00	33.14 -1.27 0.00	32.01 -1.23 0.00	32.59 -1.25 0.00	35.93 -1.50 0.00	40.33 -1.38 0.00	48.57 -1.71 0.00	60.65 -1.68 0.00	56.53 -1.51 0.00	50.48 -1.35 0.00	48.44 -1.34 0.00	44.74 -1.01 0.00	43.76 -1.03 0.00
CHATEAUG_WT_PWR 323614	43.84 -1.78 0.00	41.79 -1.70 0.00	39.14 -1.63 0.00	38.85 -1.62 0.00	39.04 -1.63 0.00	41.65 -1.78 0.00	46.18 -1.93 0.00	46.58 -1.89 0.00	41.49 -1.86 0.00	36.49 -1.80 0.00	35.48 -1.71 0.00	34.71 -1.63 0.00	32.97 -1.44 0.00	31.84 -1.39 0.00	32.39 -1.45 0.00	35.74 -1.68 0.00	40.08 -1.63 0.00	48.27 -2.01 0.00	60.28 -2.06 0.00	56.18 -1.86 0.00	50.11 -1.71 0.00	48.14 -1.64 0.00	44.47 -1.28 0.00	43.49 -1.30 0.00
CHAT_HIGH_FALL_HYD 323578	44.03 -1.60 0.00	41.97 -1.52 0.00	39.35 -1.43 0.00	39.06 -1.42 0.00	39.29 -1.38 0.00	41.96 -1.48 0.00	46.43 -1.68 0.00	46.82 -1.65 0.00	41.75 -1.60 0.00	36.72 -1.57 0.00	35.66 -1.52 0.00	34.82 -1.53 0.00	33.14 -1.27 0.00	32.01 -1.23 0.00	32.59 -1.25 0.00	35.93 -1.50 0.00	40.33 -1.38 0.00	48.57 -1.71 0.00	60.65 -1.68 0.00	56.53 -1.51 0.00	50.48 -1.35 0.00	48.44 -1.34 0.00	44.74 -1.01 0.00	43.76 -1.03 0.00
CHAUTAUQUA___LFGE 323629	42.80 -2.83 0.00	41.10 -2.39 0.00	38.37 -2.41 0.00	38.00 -2.47 0.00	38.27 -2.40 0.00	41.13 -2.30 0.00	45.56 -2.55 0.00	44.93 -3.54 0.00	40.80 -2.56 0.00	36.42 -1.88 0.00	35.55 -1.64 0.00	34.53 -1.82 0.00	32.38 -2.03 0.00	31.08 -2.16 0.00	31.54 -2.30 0.00	35.14 -2.28 0.00	38.49 -3.21 0.00	46.76 -3.52 0.00	57.97 -4.37 0.00	53.68 -4.35 0.00	48.25 -3.58 0.00	46.15 -3.63 0.00	42.87 -2.88 0.00	42.46 -2.33 0.00
CHERRYST_13_KV_LD 356241	48.84 2.28 -0.94	45.58 2.09 0.00	42.82 2.04 0.00	42.50 2.02 0.00	42.75 2.07 0.00	45.52 2.08 0.00	53.13 2.45 -2.57	51.28 2.81 0.00	46.00 2.64 0.00	40.67 2.37 0.00	39.49 2.31 0.00	38.56 2.22 0.00	36.62 2.20 0.00	35.37 2.13 0.00	36.01 2.17 0.00	39.75 2.32 0.00	44.65 2.84 -0.11	56.08 3.47 -2.33	69.06 4.05 -2.68	63.51 3.83 -1.64	57.63 3.37 -2.44	54.72 3.19 -1.75	49.90 2.75 -1.40	47.36 2.55 -0.01

CHESTROR_138KV_BK263 355645	47.94 1.46 -0.85	44.88 1.39 0.00	42.16 1.39 0.00	41.85 1.38 0.00	42.10 1.42 0.00	44.87 1.43 0.00	52.08 1.64 -2.34	50.31 1.84 0.00	45.00 1.65 0.00	39.71 1.42 0.00	38.53 1.34 0.00	37.69 1.34 0.00	35.72 1.31 0.00	34.54 1.30 0.00	35.16 1.32 0.00	38.85 1.42 0.00	43.56 1.75 -0.10	54.66 2.26 -2.12	67.39 2.62 -2.44	61.97 2.44 -1.49	56.22 2.18 -2.22	53.42 2.04 -1.60	48.81 1.78 -1.27	46.41 1.61 -0.01
CH_MIDHUDSON___DRP 24192	48.61 2.01 -0.98	45.40 1.91 0.00	42.65 1.88 0.00	42.33 1.86 0.00	42.58 1.91 0.00	45.39 1.95 0.00	53.06 2.26 -2.69	50.99 2.52 0.00	45.57 2.21 0.00	40.17 1.88 0.00	38.97 1.79 0.00	38.13 1.78 0.00	36.17 1.76 0.00	34.97 1.73 0.00	35.60 1.76 0.00	39.30 1.87 0.00	44.15 2.34 -0.11	55.63 2.92 -2.44	68.62 3.49 -2.80	63.00 3.25 -1.72	57.23 2.85 -2.55	54.36 2.74 -1.83	49.55 2.33 -1.46	47.00 2.19 -0.01
CH_MISC_IPPS 23765	48.81 2.24 -0.96	45.58 2.09 0.00	42.82 2.04 0.00	42.50 2.02 0.00	42.79 2.11 0.00	45.61 2.17 0.00	53.23 2.50 -2.62	51.18 2.71 0.00	45.74 2.38 0.00	40.28 1.99 0.00	39.08 1.90 0.00	38.20 1.85 0.00	36.24 1.82 0.00	35.03 1.79 0.00	35.67 1.83 0.00	39.41 1.98 0.00	44.28 2.46 -0.11	55.83 3.17 -2.38	68.87 3.80 -2.73	63.25 3.54 -1.67	57.43 3.11 -2.49	54.56 2.99 -1.79	49.74 2.56 -1.43	47.22 2.42 -0.01
CH_RES_BVR_FALLS 23983	44.80 -0.82 0.00	42.71 -0.78 0.00	40.04 -0.73 0.00	39.70 -0.77 0.00	39.86 -0.81 0.00	42.52 -0.91 0.00	47.10 -1.01 0.00	47.50 -0.97 0.00	42.40 -0.95 0.00	37.37 -0.92 0.00	36.26 -0.93 0.00	35.44 -0.91 0.00	33.59 -0.83 0.00	32.44 -0.80 0.00	33.03 -0.81 0.00	36.49 -0.93 0.00	40.79 -0.92 0.00	49.17 -1.11 0.00	61.15 -1.19 0.00	57.00 -1.04 0.00	50.89 -0.93 0.00	48.89 -0.89 0.00	45.02 -0.73 0.00	44.08 -0.72 0.00
CH_RES_NIAGARA 23895	41.47 -4.15 0.00	39.57 -3.91 0.00	36.86 -3.91 0.00	36.51 -3.97 0.00	36.73 -3.95 0.00	39.39 -4.04 0.00	43.68 -4.43 0.00	42.89 -5.57 0.00	38.93 -4.42 0.00	34.66 -3.64 0.00	33.88 -3.31 0.00	32.97 -3.38 0.00	31.01 -3.41 0.00	29.85 -3.39 0.00	30.36 -3.49 0.00	33.83 -3.59 0.00	36.95 -4.75 0.00	44.60 -5.68 0.00	55.10 -7.23 0.00	50.90 -7.14 0.00	45.71 -6.12 0.00	43.91 -5.87 0.00	40.95 -4.80 0.00	40.67 -4.12 0.00
CH_RES_SYRACUSE 23985	45.08 -0.55 0.00	43.01 -0.48 0.00	40.29 -0.49 0.00	40.03 -0.44 0.00	40.23 -0.45 0.00	42.96 -0.48 0.00	47.53 -0.58 0.00	47.79 -0.68 0.00	42.79 -0.56 0.00	37.95 -0.35 0.00	36.89 -0.30 0.00	35.98 -0.36 0.00	33.93 -0.48 0.00	32.77 -0.47 0.00	33.37 -0.47 0.00	37.02 -0.41 0.00	41.00 -0.71 0.00	49.47 -0.81 0.00	61.46 -0.87 0.00	57.11 -0.93 0.00	50.99 -0.83 0.00	48.94 -0.85 0.00	44.97 -0.78 0.00	44.08 -0.72 0.00
CLINTON_WT_PWR 323605	43.84 -1.78 0.00	41.79 -1.70 0.00	39.14 -1.63 0.00	38.85 -1.62 0.00	39.04 -1.63 0.00	41.65 -1.78 0.00	46.18 -1.93 0.00	46.58 -1.89 0.00	41.49 -1.86 0.00	36.49 -1.80 0.00	35.48 -1.71 0.00	34.71 -1.63 0.00	32.97 -1.44 0.00	31.84 -1.39 0.00	32.39 -1.45 0.00	35.74 -1.68 0.00	40.08 -1.63 0.00	48.27 -2.01 0.00	60.28 -2.06 0.00	56.18 -1.86 0.00	50.11 -1.71 0.00	48.14 -1.64 0.00	44.47 -1.28 0.00	43.49 -1.30 0.00
CLINTON___LFGE 323618	43.53 -2.10 0.00	41.49 -2.00 0.00	38.94 -1.83 0.00	38.69 -1.78 0.00	38.84 -1.83 0.00	41.44 -2.00 0.00	45.95 -2.16 0.00	46.39 -2.08 0.00	41.32 -2.04 0.00	36.26 -2.03 0.00	35.25 -1.94 0.00	34.49 -1.85 0.00	32.83 -1.58 0.00	31.71 -1.53 0.00	32.25 -1.59 0.00	35.52 -1.91 0.00	39.95 -1.75 0.00	48.12 -2.16 0.00	60.34 -2.00 0.00	56.24 -1.80 0.00	50.11 -1.71 0.00	48.09 -1.69 0.00	44.52 -1.23 0.00	43.49 -1.30 0.00
COBBLENY_34_KV_TB1 80064	43.16 -2.46 0.00	41.27 -2.22 0.00	38.41 -2.37 0.00	38.00 -2.47 0.00	38.27 -2.40 0.00	41.09 -2.35 0.00	45.56 -2.55 0.00	44.88 -3.59 0.00	40.71 -2.64 0.00	36.26 -2.03 0.00	35.40 -1.79 0.00	34.42 -1.93 0.00	32.35 -2.06 0.00	31.11 -2.13 0.00	31.61 -2.23 0.00	35.29 -2.13 0.00	38.62 -3.09 0.00	46.81 -3.47 0.00	57.97 -4.36 0.00	53.57 -4.47 0.00	48.09 -3.73 0.00	46.10 -3.68 0.00	42.87 -2.88 0.00	42.51 -2.28 0.00
COFFEEN___115KV_TB3 355620	47.04 1.41 0.00	44.66 1.17 0.00	41.92 1.14 0.00	41.57 1.09 0.00	41.81 1.14 0.00	44.48 1.04 0.00	49.22 1.11 0.00	49.58 1.11 0.00	44.01 0.65 0.00	38.56 0.27 0.00	37.41 0.22 0.00	36.17 -0.18 0.00	34.21 -0.21 0.00	33.01 -0.23 0.00	33.64 -0.20 0.00	37.35 -0.07 0.00	41.66 -0.04 0.00	50.98 0.70 0.00	64.45 2.12 0.00	60.19 2.15 0.00	53.90 2.07 0.00	51.93 2.14 0.00	47.49 1.74 0.00	46.32 1.52 0.00
COLDSPRG_115KV_BK1 355956	44.03 -1.82 -0.23	41.97 -1.52 0.00	39.19 -1.59 0.00	38.77 -1.70 0.00	39.05 -1.63 0.00	41.96 -1.48 0.00	47.15 -1.59 -0.63	45.90 -2.57 0.00	41.66 -1.69 0.00	37.14 -1.15 0.00	36.26 -0.93 0.00	35.18 -1.16 0.00	33.00 -1.41 0.00	31.68 -1.56 0.00	32.15 -1.69 0.00	35.85 -1.57 0.00	39.27 -2.46 -0.03	48.43 -2.41 -0.57	60.06 -2.93 -0.65	55.36 -3.08 -0.40	50.04 -2.38 -0.60	47.67 -2.54 -0.43	44.22 -1.88 -0.34	43.41 -1.39 0.00
COLONIE_LFGE___ 323577	55.87 2.24 -8.01	45.62 2.13 0.00	42.82 2.04 0.00	42.50 2.02 0.00	42.70 2.03 0.00	45.61 2.17 0.00	72.50 2.40 -21.99	50.89 2.42 0.00	45.44 2.08 0.00	40.09 1.80 0.00	38.86 1.68 0.00	37.98 1.64 0.00	36.03 1.62 0.00	34.80 1.56 0.00	35.43 1.59 0.00	39.22 1.80 0.00	44.93 2.29 -0.93	72.84 2.61 -19.95	88.32 3.05 -22.93	74.98 2.90 -14.04	75.27 2.54 -20.91	67.28 2.49 -15.01	59.98 2.24 -11.99	47.06 2.19 -0.07
COOPERNY_115KV_TB1 80082	47.38 1.05 -0.70	44.45 0.96 0.00	41.76 0.98 0.00	41.44 0.97 0.00	41.65 0.98 0.00	44.43 1.00 0.00	51.20 1.15 -1.93	49.78 1.31 0.00	44.53 1.17 0.00	39.33 1.03 0.00	38.19 1.00 0.00	37.33 0.98 0.00	35.34 0.93 0.00	34.17 0.93 0.00	34.79 0.95 0.00	38.44 1.01 0.00	43.04 1.25 -0.08	53.64 1.61 -1.75	66.22 1.87 -2.01	61.01 1.74 -1.23	55.21 1.55 -1.84	52.60 1.49 -1.32	48.08 1.28 -1.05	45.97 1.16 -0.01
COPENHAGEN_WT_PWR 323753	46.49 0.86 0.00	44.18 0.69 0.00	41.47 0.69 0.00	41.12 0.65 0.00	41.36 0.69 0.00	44.00 0.56 0.00	48.69 0.58 0.00	49.05 0.58 0.00	43.62 0.26 0.00	38.26 -0.04 0.00	37.15 -0.04 0.00	35.98 -0.36 0.00	34.00 -0.41 0.00	32.84 -0.40 0.00	33.47 -0.37 0.00	37.13 -0.30 0.00	41.37 -0.34 0.00	50.48 0.20 0.00	63.64 1.31 0.00	59.37 1.34 0.00	53.17 1.35 0.00	51.18 1.39 0.00	46.89 1.14 0.00	45.78 0.98 0.00
CORNELL_____ 23752	46.43 0.50 -0.30	43.92 0.43 0.00	41.14 0.37 0.00	40.88 0.40 0.00	41.04 0.37 0.00	43.83 0.39 0.00	49.42 0.48 -0.83	48.81 0.34 0.00	43.66 0.30 0.00	38.60 0.31 0.00	37.49 0.30 0.00	36.53 0.18 0.00	34.38 -0.03 0.00	33.14 -0.10 0.00	33.81 -0.03 0.00	37.58 0.15 0.00	41.78 0.04 -0.04	51.48 0.45 -0.75	64.01 0.81 -0.86	59.26 0.70 -0.53	53.23 0.62 -0.79	50.85 0.50 -0.56	46.61 0.41 -0.45	45.25 0.45 0.00

CORONA V_69_KV_TB1 355595	49.30 2.74 -0.94	46.01 2.52 0.00	43.18 2.41 0.00	42.82 2.35 0.00	43.19 2.52 0.00	46.13 2.69 0.00	57.40 3.18 -6.12	59.22 3.44 -7.31	46.30 2.95 0.00	40.67 2.37 0.00	39.46 2.27 0.00	38.53 2.18 0.00	36.55 2.13 0.00	35.33 2.09 0.00	36.08 2.23 0.00	39.93 2.51 0.00	45.11 3.29 -0.11	56.58 3.97 -2.33	69.69 4.68 -2.68	63.97 4.29 -1.64	58.15 3.89 -2.44	55.32 3.78 -1.75	50.54 3.39 -1.40	47.98 3.18 -0.01
CORTLAND_115KV_TB3 80093	45.99 0.14 -0.23	43.62 0.13 0.00	40.86 0.08 0.00	40.59 0.12 0.00	40.75 0.08 0.00	43.52 0.09 0.00	48.88 0.14 -0.62	48.47 0.00 0.00	43.35 0.00 0.00	38.37 0.08 0.00	37.26 0.07 0.00	36.35 0.00 0.00	34.28 -0.14 0.00	33.07 -0.17 0.00	33.67 -0.17 0.00	37.39 -0.04 0.00	41.52 -0.21 -0.03	50.90 0.05 -0.57	63.17 0.19 -0.65	58.55 0.12 -0.40	52.52 0.10 -0.59	50.26 0.05 -0.43	46.09 0.00 -0.34	44.84 0.04 0.00
COXSACKIE__GT 23611	52.16 3.33 -3.21	47.36 3.87 0.00	44.41 3.63 0.00	43.99 3.52 0.00	44.33 3.66 0.00	47.34 3.91 0.00	60.63 3.70 -8.81	52.78 4.31 0.00	46.74 3.38 0.00	40.78 2.49 0.00	39.38 2.19 0.00	38.49 2.14 0.00	36.37 1.96 0.00	35.23 1.99 0.00	35.91 2.06 0.00	39.82 2.40 0.00	44.83 2.75 -0.37	62.24 3.97 -7.99	76.82 5.30 -9.19	68.48 4.81 -5.63	64.45 4.25 -8.38	59.88 4.08 -6.02	54.17 3.61 -4.80	48.81 3.99 -0.03
CPV_VALLEY__CC1 323721	47.60 1.18 -0.79	44.58 1.09 0.00	41.84 1.06 0.00	41.57 1.09 0.00	41.81 1.14 0.00	44.56 1.13 0.00	51.53 1.25 -2.17	49.97 1.50 0.00	44.70 1.35 0.00	39.44 1.15 0.00	38.30 1.11 0.00	37.44 1.09 0.00	35.52 1.10 0.00	34.30 1.06 0.00	34.92 1.08 0.00	38.59 1.16 0.00	43.26 1.46 -0.09	54.11 1.86 -1.97	66.65 2.05 -2.27	61.40 1.97 -1.39	55.60 1.71 -2.07	52.91 1.64 -1.48	48.35 1.42 -1.18	46.10 1.30 -0.01
CPV_VALLEY__CC2 323722	47.60 1.18 -0.79	44.58 1.09 0.00	41.84 1.06 0.00	41.57 1.09 0.00	41.81 1.14 0.00	44.56 1.13 0.00	51.53 1.25 -2.17	49.97 1.50 0.00	44.70 1.35 0.00	39.44 1.15 0.00	38.30 1.11 0.00	37.44 1.09 0.00	35.52 1.10 0.00	34.30 1.06 0.00	34.92 1.08 0.00	38.59 1.16 0.00	43.26 1.46 -0.09	54.11 1.86 -1.97	66.65 2.05 -2.27	61.40 1.97 -1.39	55.60 1.71 -2.07	52.91 1.64 -1.48	48.35 1.42 -1.18	46.10 1.30 -0.01
CRESCENT__HYD 24018	55.87 2.24 -8.01	45.62 2.13 0.00	42.82 2.04 0.00	42.50 2.02 0.00	42.70 2.03 0.00	45.61 2.17 0.00	72.50 2.40 -21.99	50.89 2.42 0.00	45.44 2.08 0.00	40.09 1.80 0.00	38.86 1.68 0.00	37.98 1.64 0.00	36.03 1.62 0.00	34.80 1.56 0.00	35.43 1.59 0.00	39.22 1.80 0.00	44.93 2.29 -0.93	72.84 2.61 -19.95	88.32 3.05 -22.93	74.98 2.90 -14.04	75.27 2.54 -20.91	67.28 2.49 -15.01	59.98 2.24 -11.99	47.06 2.19 -0.07
CRICKET__VALLEY_CC1 323756	48.45 1.69 -1.13	45.10 1.61 0.00	42.41 1.63 0.00	42.13 1.66 0.00	42.38 1.71 0.00	45.13 1.69 0.00	53.15 1.93 -3.11	50.60 2.13 0.00	45.22 1.86 0.00	39.90 1.61 0.00	38.79 1.60 0.00	37.91 1.56 0.00	36.00 1.58 0.00	34.80 1.56 0.00	35.40 1.56 0.00	39.11 1.69 0.00	43.88 2.04 -0.13	55.51 2.41 -2.82	68.32 2.74 -3.25	62.64 2.61 -1.99	57.06 2.28 -2.96	54.15 2.24 -2.12	49.32 1.88 -1.70	46.55 1.75 -0.01
CRICKET__VALLEY_CC2 323757	48.45 1.69 -1.13	45.10 1.61 0.00	42.41 1.63 0.00	42.13 1.66 0.00	42.38 1.71 0.00	45.13 1.69 0.00	53.15 1.93 -3.11	50.60 2.13 0.00	45.22 1.86 0.00	39.90 1.61 0.00	38.79 1.60 0.00	37.91 1.56 0.00	36.00 1.58 0.00	34.80 1.56 0.00	35.40 1.56 0.00	39.11 1.69 0.00	43.88 2.04 -0.13	55.51 2.41 -2.82	68.32 2.74 -3.25	62.64 2.61 -1.99	57.06 2.28 -2.96	54.15 2.24 -2.12	49.32 1.88 -1.70	46.55 1.75 -0.01
CRICKET__VALLEY_CC3 323758	48.45 1.69 -1.13	45.10 1.61 0.00	42.41 1.63 0.00	42.13 1.66 0.00	42.38 1.71 0.00	45.13 1.69 0.00	53.15 1.93 -3.11	50.60 2.13 0.00	45.22 1.86 0.00	39.90 1.61 0.00	38.79 1.60 0.00	37.91 1.56 0.00	36.00 1.58 0.00	34.80 1.56 0.00	35.40 1.56 0.00	39.11 1.69 0.00	43.88 2.04 -0.13	55.51 2.41 -2.82	68.32 2.74 -3.25	62.64 2.61 -1.99	57.06 2.28 -2.96	54.15 2.24 -2.12	49.32 1.88 -1.70	46.55 1.75 -0.01
CRUCIBLE_METL_DRP 24180	45.12 -0.50 0.00	43.01 -0.48 0.00	40.29 -0.49 0.00	40.03 -0.45 0.00	40.18 -0.49 0.00	42.91 -0.52 0.00	47.53 -0.58 0.00	47.79 -0.68 0.00	42.79 -0.56 0.00	37.95 -0.34 0.00	36.89 -0.30 0.00	35.98 -0.36 0.00	33.93 -0.48 0.00	32.77 -0.47 0.00	33.37 -0.47 0.00	37.02 -0.41 0.00	41.00 -0.71 0.00	49.47 -0.80 0.00	61.46 -0.87 0.00	57.11 -0.93 0.00	50.99 -0.83 0.00	48.94 -0.85 0.00	44.97 -0.78 0.00	44.08 -0.72 0.00
DAHOWA__HYDRO 323763	58.01 3.24 -9.15	46.53 3.04 0.00	43.59 2.81 0.00	43.23 2.75 0.00	43.48 2.80 0.00	46.47 3.04 0.00	76.62 3.42 -25.09	51.77 3.30 0.00	46.00 2.64 0.00	40.51 2.22 0.00	39.23 2.04 0.00	38.31 1.96 0.00	36.24 1.82 0.00	35.07 1.83 0.00	35.77 1.93 0.00	39.71 2.28 0.00	45.77 3.00 -1.06	76.76 3.72 -22.77	93.00 4.49 -26.17	78.25 4.18 -16.03	79.42 3.73 -23.86	70.45 3.54 -17.13	62.68 3.25 -13.68	48.06 3.18 -0.08
DANC__LFGE 323619	45.72 0.09 0.00	43.53 0.04 0.00	40.82 0.04 0.00	40.55 0.08 0.00	40.75 0.08 0.00	43.39 -0.04 0.00	47.97 -0.14 0.00	48.28 -0.19 0.00	43.05 -0.30 0.00	37.91 -0.38 0.00	36.85 -0.34 0.00	35.80 -0.54 0.00	33.83 -0.59 0.00	32.64 -0.60 0.00	33.27 -0.58 0.00	36.87 -0.56 0.00	40.96 -0.75 0.00	49.78 -0.50 0.00	62.40 0.06 0.00	58.15 0.12 0.00	52.08 0.26 0.00	50.08 0.30 0.00	45.93 0.18 0.00	44.93 0.13 0.00
DANSKAMMER__1 23586	48.81 2.24 -0.96	45.58 2.09 0.00	42.82 2.04 0.00	42.50 2.02 0.00	42.79 2.11 0.00	45.61 2.17 0.00	53.23 2.50 -2.62	51.18 2.71 0.00	45.74 2.38 0.00	40.28 1.99 0.00	39.08 1.90 0.00	38.20 1.85 0.00	36.24 1.82 0.00	35.03 1.79 0.00	35.67 1.83 0.00	39.41 1.98 0.00	44.28 2.46 -0.11	55.83 3.17 -2.38	68.87 3.80 -2.73	63.25 3.54 -1.67	57.43 3.11 -2.49	54.56 2.99 -1.79	49.74 2.56 -1.43	47.22 2.42 -0.01
DANSKAMMER__2 23589	48.81 2.24 -0.96	45.58 2.09 0.00	42.82 2.04 0.00	42.50 2.02 0.00	42.79 2.11 0.00	45.61 2.17 0.00	53.23 2.50 -2.62	51.18 2.71 0.00	45.74 2.38 0.00	40.28 1.99 0.00	39.08 1.90 0.00	38.20 1.85 0.00	36.24 1.82 0.00	35.03 1.79 0.00	35.67 1.83 0.00	39.41 1.98 0.00	44.28 2.46 -0.11	55.83 3.17 -2.38	68.87 3.80 -2.73	63.25 3.54 -1.67	57.43 3.11 -2.49	54.56 2.99 -1.79	49.74 2.56 -1.43	47.22 2.42 -0.01
DANSKAMMER__3 23590	48.81 2.24 -0.96	45.58 2.09 0.00	42.82 2.04 0.00	42.50 2.02 0.00	42.79 2.11 0.00	45.61 2.17 0.00	53.23 2.50 -2.62	51.18 2.71 0.00	45.74 2.38 0.00	40.28 1.99 0.00	39.08 1.90 0.00	38.20 1.85 0.00	36.24 1.82 0.00	35.03 1.79 0.00	35.67 1.83 0.00	39.41 1.98 0.00	44.28 2.46 -0.11	55.83 3.17 -2.38	68.87 3.80 -2.73	63.25 3.54 -1.67	57.43 3.11 -2.49	54.56 2.99 -1.79	49.74 2.56 -1.43	47.22 2.42 -0.01

DANSKAMMER___4 23591	48.81 2.24 -0.96	45.58 2.09 0.00	42.82 2.04 0.00	42.50 2.02 0.00	42.79 2.11 0.00	45.61 2.17 0.00	53.23 2.50 -2.62	51.18 2.71 0.00	45.74 2.38 0.00	40.28 1.99 0.00	39.08 1.90 0.00	38.20 1.85 0.00	36.24 1.82 0.00	35.03 1.79 0.00	35.67 1.83 0.00	39.41 1.98 0.00	44.28 2.46 -0.11	55.83 3.17 -2.38	68.87 3.80 -2.73	63.25 3.54 -1.67	57.43 3.11 -2.49	54.56 2.99 -1.79	49.74 2.56 -1.43	47.22 2.42 -0.01
DANSKAMMER___DIESEL 23592	48.77 2.19 -0.96	45.58 2.09 0.00	42.82 2.04 0.00	42.50 2.02 0.00	42.75 2.07 0.00	45.56 2.13 0.00	53.23 2.50 -2.62	51.18 2.71 0.00	45.74 2.38 0.00	40.28 1.99 0.00	39.09 1.90 0.00	38.24 1.89 0.00	36.24 1.82 0.00	35.03 1.79 0.00	35.67 1.83 0.00	39.41 1.98 0.00	44.28 2.46 -0.11	55.82 3.17 -2.38	68.87 3.80 -2.73	63.25 3.54 -1.67	57.43 3.11 -2.49	54.56 2.99 -1.79	49.74 2.56 -1.43	47.22 2.42 -0.01
DARBY___SOLAR 323810	57.67 3.01 -9.03	46.36 2.87 0.00	43.43 2.65 0.00	43.10 2.63 0.00	43.31 2.64 0.00	46.30 2.87 0.00	76.12 3.22 -24.79	51.57 3.10 0.00	45.87 2.51 0.00	40.40 2.10 0.00	39.12 1.93 0.00	38.20 1.85 0.00	36.17 1.75 0.00	35.00 1.76 0.00	35.67 1.83 0.00	39.60 2.17 0.00	45.63 2.88 -1.05	76.29 3.52 -22.49	92.43 4.24 -25.86	77.82 3.95 -15.83	78.92 3.53 -23.57	70.05 3.34 -16.93	62.33 3.07 -13.51	47.88 3.00 -0.08
DASHVILLE___HYD 23610	48.17 1.14 -1.41	45.32 1.83 0.00	42.57 1.79 0.00	42.25 1.78 0.00	42.54 1.87 0.00	45.30 1.87 0.00	53.37 1.40 -3.87	50.79 2.33 0.00	45.35 1.99 0.00	39.94 1.65 0.00	38.75 1.56 0.00	37.91 1.56 0.00	35.93 1.51 0.00	34.73 1.50 0.00	35.37 1.52 0.00	39.07 1.65 0.00	43.37 1.50 -0.16	55.80 2.01 -3.51	68.80 2.43 -4.03	62.77 2.26 -2.47	57.47 1.97 -3.68	54.32 1.89 -2.64	49.41 1.56 -2.11	46.78 1.97 -0.01
DEERFIELD_69_KV_DEERFIELD LD 355887	49.07 2.51 -0.94	45.75 2.26 0.00	42.94 2.16 0.00	42.58 2.10 0.00	43.36 2.68 0.00	46.91 3.47 0.00	58.36 4.14 -6.12	60.14 4.36 -7.31	46.30 2.95 0.00	40.40 2.11 0.00	38.94 1.75 0.00	37.91 1.56 0.00	35.86 1.45 0.00	34.67 1.43 0.00	35.47 1.62 0.00	39.37 1.95 0.00	44.98 3.17 -0.11	56.48 3.87 -2.33	69.87 4.86 -2.68	63.97 4.29 -1.64	58.00 3.73 -2.44	55.57 4.03 -1.75	50.40 3.25 -1.40	48.07 3.27 -0.01
DELAWARE___LFGE 323621	48.18 1.23 -1.32	44.62 1.13 0.00	41.84 1.06 0.00	41.53 1.05 0.00	41.73 1.06 0.00	44.56 1.13 0.00	53.03 1.30 -3.63	49.87 1.41 0.00	44.57 1.21 0.00	39.33 1.03 0.00	38.16 0.97 0.00	37.29 0.95 0.00	35.27 0.86 0.00	34.07 0.83 0.00	34.69 0.85 0.00	38.36 0.94 0.00	42.98 1.13 -0.15	55.18 1.61 -3.29	68.05 1.93 -3.78	62.10 1.74 -2.32	56.83 1.55 -3.45	53.80 1.54 -2.48	49.05 1.33 -1.98	46.06 1.25 -0.01
DERFIELD_115KV_TB7 355931	46.13 0.50 0.00	43.97 0.48 0.00	41.27 0.49 0.00	40.92 0.45 0.00	41.12 0.45 0.00	43.87 0.43 0.00	48.59 0.48 0.00	49.00 0.53 0.00	43.83 0.48 0.00	38.68 0.38 0.00	37.56 0.37 0.00	36.71 0.36 0.00	34.76 0.34 0.00	33.57 0.33 0.00	34.18 0.34 0.00	37.76 0.34 0.00	42.16 0.46 0.00	50.83 0.55 0.00	63.02 0.69 0.00	58.68 0.64 0.00	52.39 0.57 0.00	50.33 0.55 0.00	46.25 0.50 0.00	45.24 0.45 0.00
DOGLEVILLE___HYD 23807	46.13 0.50 0.00	43.97 0.48 0.00	41.31 0.53 0.00	41.00 0.52 0.00	41.16 0.49 0.00	43.91 0.48 0.00	48.64 0.53 0.00	49.05 0.58 0.00	43.74 0.39 0.00	38.56 0.27 0.00	37.41 0.22 0.00	36.49 0.15 0.00	34.52 0.10 0.00	33.31 0.07 0.00	33.94 0.10 0.00	37.54 0.11 0.00	41.91 0.21 0.00	50.58 0.30 0.00	62.77 0.44 0.00	58.56 0.52 0.00	52.29 0.47 0.00	50.28 0.50 0.00	46.16 0.41 0.00	45.29 0.49 0.00
DUNKIRK___115KV_TB_200 55889	43.02 -2.60 0.00	41.14 -2.35 0.00	38.37 -2.41 0.00	38.00 -2.47 0.00	38.31 -2.36 0.00	41.13 -2.30 0.00	45.56 -2.55 0.00	44.93 -3.54 0.00	40.80 -2.56 0.00	36.38 -1.91 0.00	35.51 -1.67 0.00	34.49 -1.85 0.00	32.38 -2.03 0.00	31.08 -2.16 0.00	31.54 -2.30 0.00	35.18 -2.25 0.00	38.45 -3.25 0.00	46.76 -3.52 0.00	57.97 -4.36 0.00	53.63 -4.41 0.00	48.20 -3.63 0.00	46.15 -3.63 0.00	42.87 -2.88 0.00	42.46 -2.33 0.00
DUNKIRK___1 23563	43.02 -2.60 0.00	41.14 -2.35 0.00	38.37 -2.41 0.00	38.00 -2.47 0.00	38.31 -2.36 0.00	41.13 -2.30 0.00	45.56 -2.55 0.00	44.93 -3.54 0.00	40.80 -2.56 0.00	36.38 -1.91 0.00	35.51 -1.67 0.00	34.49 -1.85 0.00	32.38 -2.03 0.00	31.08 -2.16 0.00	31.54 -2.30 0.00	35.18 -2.25 0.00	38.45 -3.25 0.00	46.76 -3.52 0.00	57.97 -4.36 0.00	53.63 -4.41 0.00	48.20 -3.63 0.00	46.15 -3.63 0.00	42.87 -2.88 0.00	42.46 -2.33 0.00
DUNKIRK___2 23564	43.02 -2.60 0.00	41.14 -2.35 0.00	38.37 -2.41 0.00	38.00 -2.47 0.00	38.31 -2.36 0.00	41.13 -2.30 0.00	45.56 -2.55 0.00	44.93 -3.54 0.00	40.80 -2.56 0.00	36.38 -1.91 0.00	35.51 -1.67 0.00	34.49 -1.85 0.00	32.38 -2.03 0.00	31.08 -2.16 0.00	31.54 -2.30 0.00	35.18 -2.25 0.00	38.45 -3.25 0.00	46.76 -3.52 0.00	57.97 -4.36 0.00	53.63 -4.41 0.00	48.20 -3.63 0.00	46.15 -3.63 0.00	42.87 -2.88 0.00	42.46 -2.33 0.00
DUNKIRK___3 23565	42.98 -2.65 0.00	41.10 -2.39 0.00	38.33 -2.45 0.00	37.96 -2.51 0.00	38.23 -2.44 0.00	41.00 -2.43 0.00	45.46 -2.65 0.00	44.83 -3.64 0.00	40.67 -2.69 0.00	36.23 -2.07 0.00	35.40 -1.79 0.00	34.38 -1.96 0.00	32.28 -2.13 0.00	31.01 -2.23 0.00	31.51 -2.34 0.00	35.14 -2.28 0.00	38.41 -3.29 0.00	46.66 -3.62 0.00	57.85 -4.49 0.00	53.51 -4.53 0.00	48.04 -3.78 0.00	46.00 -3.78 0.00	42.78 -2.97 0.00	42.38 -2.42 0.00
DUNKIRK___4 23566	42.98 -2.65 0.00	41.10 -2.39 0.00	38.33 -2.45 0.00	37.96 -2.51 0.00	38.23 -2.44 0.00	41.00 -2.43 0.00	45.46 -2.65 0.00	44.83 -3.64 0.00	40.67 -2.69 0.00	36.23 -2.07 0.00	35.40 -1.79 0.00	34.38 -1.96 0.00	32.28 -2.13 0.00	31.01 -2.23 0.00	31.51 -2.34 0.00	35.14 -2.28 0.00	38.41 -3.29 0.00	46.66 -3.62 0.00	57.85 -4.49 0.00	53.51 -4.53 0.00	48.04 -3.78 0.00	46.00 -3.78 0.00	42.78 -2.97 0.00	42.38 -2.42 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	48.66 2.10 -0.94	45.49 2.00 0.00	42.69 1.92 0.00	42.38 1.90 0.00	42.62 1.95 0.00	45.43 2.00 0.00	53.04 2.36 -2.57	51.09 2.62 0.00	45.74 2.38 0.00	40.40 2.11 0.00	39.23 2.05 0.00	38.35 2.00 0.00	36.38 1.96 0.00	35.17 1.93 0.00	35.81 1.96 0.00	39.52 2.10 0.00	44.40 2.59 -0.11	55.78 3.17 -2.33	68.75 3.74 -2.68	63.16 3.48 -1.64	57.38 3.11 -2.44	54.48 2.94 -1.75	49.67 2.52 -1.40	47.13 2.33 -0.01
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	48.33 1.78 -0.92	45.18 1.70 0.00	42.45 1.67 0.00	42.13 1.66 0.00	42.38 1.71 0.00	45.17 1.74 0.00	52.61 1.97 -2.53	50.70 2.23 0.00	45.31 1.95 0.00	39.94 1.65 0.00	38.79 1.60 0.00	37.91 1.56 0.00	35.96 1.55 0.00	34.73 1.50 0.00	35.37 1.52 0.00	39.07 1.65 0.00	43.90 2.09 -0.11	55.24 2.66 -2.30	68.09 3.12 -2.64	62.56 2.90 -1.62	56.82 2.59 -2.41	54.00 2.49 -1.73	49.23 2.10 -1.38	46.77 1.97 -0.01

E179THST_138_KV_TB4_REV_LBMP_J 345001	48.93 2.37 -0.94	45.66 2.17 0.00	42.94 2.16 0.00	42.66 2.19 0.00	42.79 2.11 0.00	45.30 1.87 0.00	52.84 2.16 -2.57	51.04 2.57 0.00	45.78 2.43 0.00	40.55 2.26 0.00	39.38 2.19 0.00	38.49 2.14 0.00	36.51 2.10 0.00	35.29 2.06 0.01	35.94 2.10 0.00	39.63 2.21 0.00	44.57 2.75 -0.11	55.78 3.17 -2.33	68.63 3.62 -2.68	63.16 3.48 -1.64	57.38 3.11 -2.44	54.48 2.94 -1.75	49.80 2.65 -1.40	47.45 2.64 -0.01
E179THST_13_KV_LOAD 356214	49.12 2.55 -0.94	45.84 2.35 0.00	43.10 2.32 0.00	42.78 2.31 0.00	42.95 2.28 0.00	45.48 2.04 0.00	52.99 2.31 -2.57	51.23 2.76 0.00	45.96 2.60 0.00	40.71 2.41 0.00	39.53 2.34 0.00	38.64 2.29 0.00	36.65 2.24 0.00	35.42 2.19 0.01	36.08 2.23 0.00	39.78 2.36 0.00	44.73 2.92 -0.11	56.03 3.42 -2.33	68.94 3.93 -2.68	63.45 3.77 -1.64	57.63 3.37 -2.44	54.67 3.14 -1.75	49.99 2.84 -1.40	47.67 2.87 -0.01
EAST HAMPTON___GT 23717	48.75 2.19 -0.94	45.36 1.87 0.00	42.61 1.84 0.00	42.30 1.82 0.00	43.24 2.56 0.00	46.86 3.43 0.00	58.31 4.09 -6.12	60.05 4.27 -7.31	46.13 2.78 0.00	40.21 1.91 0.00	38.57 1.38 0.00	37.48 1.13 0.00	35.41 1.00 0.00	34.20 0.96 0.00	35.03 1.18 0.00	38.93 1.50 0.00	44.40 2.59 -0.11	55.88 3.27 -2.33	69.25 4.24 -2.68	63.34 3.66 -1.64	57.43 3.16 -2.44	54.87 3.34 -1.75	49.90 2.74 -1.41	47.80 3.00 -0.01
EAST RIVER___6 23660	48.71 2.14 -0.94	45.40 1.91 0.00	42.65 1.88 0.00	42.34 1.86 0.00	42.58 1.91 0.00	45.39 1.96 0.00	52.94 2.26 -2.57	51.08 2.62 0.00	45.78 2.43 0.00	40.51 2.22 0.00	39.34 2.16 0.00	38.42 2.07 0.00	36.48 2.06 0.00	35.23 1.99 0.00	35.87 2.03 0.00	39.60 2.17 0.00	44.44 2.63 -0.11	55.88 3.27 -2.33	68.75 3.74 -2.68	63.28 3.60 -1.64	57.43 3.16 -2.44	54.53 2.99 -1.75	49.71 2.56 -1.40	47.18 2.37 -0.01
EAST RIVER___7 23524	48.71 2.14 -0.94	45.40 1.91 0.00	42.65 1.88 0.00	42.34 1.86 0.00	42.58 1.91 0.00	45.39 1.96 0.00	52.94 2.26 -2.57	51.08 2.62 0.00	45.78 2.43 0.00	40.51 2.22 0.00	39.34 2.16 0.00	38.42 2.07 0.00	36.48 2.06 0.00	35.23 1.99 0.00	35.87 2.03 0.00	39.60 2.17 0.00	44.44 2.63 -0.11	55.88 3.27 -2.33	68.75 3.74 -2.68	63.28 3.60 -1.64	57.43 3.16 -2.44	54.53 2.99 -1.75	49.71 2.56 -1.40	47.18 2.37 -0.01
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	48.57 2.01 -0.93	45.40 1.91 0.00	42.61 1.83 0.00	42.33 1.86 0.00	42.54 1.87 0.00	45.35 1.91 0.00	52.94 2.26 -2.57	50.99 2.52 0.00	45.65 2.30 0.00	40.32 2.03 0.00	39.12 1.93 0.00	38.24 1.89 0.00	36.27 1.86 0.00	35.07 1.83 0.00	35.70 1.86 0.00	39.41 1.98 0.00	44.27 2.46 -0.11	55.67 3.07 -2.33	68.56 3.55 -2.68	62.99 3.31 -1.64	57.22 2.95 -2.44	54.32 2.79 -1.75	49.57 2.42 -1.40	47.04 2.24 -0.01
EAST_HAMPTON___DIESEL 23722	48.66 2.10 -0.94	45.27 1.78 0.00	42.53 1.75 0.00	42.21 1.74 0.00	43.15 2.48 0.00	46.82 3.39 0.00	58.27 4.04 -6.12	59.95 4.17 -7.31	46.09 2.73 0.00	40.17 1.88 0.00	38.49 1.30 0.00	37.40 1.05 0.00	35.31 0.89 0.00	34.10 0.86 0.00	34.92 1.08 0.00	38.85 1.42 0.00	44.32 2.50 -0.11	55.73 3.12 -2.33	69.06 4.05 -2.68	63.16 3.48 -1.64	57.27 3.00 -2.44	54.77 3.23 -1.75	49.76 2.61 -1.41	47.71 2.91 -0.01
EAST_POINT___SOLAR 323840	58.39 3.60 -9.17	46.84 3.35 0.00	43.84 3.06 0.00	43.31 2.83 0.00	43.56 2.89 0.00	46.65 3.21 0.00	76.96 3.70 -25.15	52.00 3.54 0.00	45.26 1.91 0.00	39.40 1.11 0.00	37.56 0.37 0.00	36.53 0.18 0.00	34.38 -0.03 0.00	33.27 0.03 0.00	33.81 -0.03 0.00	37.76 0.34 0.00	45.06 2.29 -1.06	76.96 3.87 -22.81	93.55 4.99 -26.23	78.80 4.70 -16.06	79.99 4.25 -23.91	71.14 4.18 -17.17	63.40 3.94 -13.71	48.64 3.76 -0.08
EAST_PULASKI___ESR 323781	45.08 -0.55 0.00	42.92 -0.57 0.00	40.25 -0.53 0.00	39.99 -0.48 0.00	40.19 -0.49 0.00	42.83 -0.61 0.00	47.34 -0.77 0.00	47.64 -0.82 0.00	42.58 -0.78 0.00	37.64 -0.65 0.00	36.59 -0.60 0.00	35.66 -0.69 0.00	33.69 -0.72 0.00	32.51 -0.73 0.00	33.10 -0.74 0.00	36.68 -0.75 0.00	40.62 -1.08 0.00	49.17 -1.11 0.00	61.33 -1.00 0.00	57.11 -0.93 0.00	51.05 -0.78 0.00	49.04 -0.75 0.00	45.07 -0.68 0.00	44.12 -0.67 0.00
EAST_RIVER___1 323558	48.75 2.19 -0.94	45.49 2.00 0.00	42.73 1.96 0.00	42.42 1.94 0.00	42.66 1.99 0.00	45.48 2.04 0.00	52.99 2.31 -2.57	51.18 2.71 0.00	45.87 2.51 0.00	40.55 2.26 0.00	39.38 2.19 0.00	38.45 2.11 0.00	36.55 2.13 0.00	35.27 2.03 0.00	35.91 2.06 0.00	39.63 2.21 0.00	44.48 2.67 -0.11	55.93 3.32 -2.33	68.88 3.87 -2.68	63.34 3.66 -1.64	57.48 3.21 -2.44	54.58 3.04 -1.75	49.76 2.61 -1.40	47.22 2.42 -0.01
EAST_RIVER___2 323559	48.71 2.14 -0.94	45.40 1.91 0.00	42.65 1.88 0.00	42.34 1.86 0.00	42.58 1.91 0.00	45.39 1.96 0.00	52.94 2.26 -2.57	51.08 2.62 0.00	45.78 2.43 0.00	40.51 2.22 0.00	39.34 2.16 0.00	38.42 2.07 0.00	36.48 2.06 0.00	35.23 1.99 0.00	35.87 2.03 0.00	39.60 2.17 0.00	44.44 2.63 -0.11	55.88 3.27 -2.33	68.75 3.74 -2.68	63.28 3.60 -1.64	57.43 3.16 -2.44	54.53 2.99 -1.75	49.71 2.56 -1.40	47.18 2.37 -0.01
EAST___DELAWARE_HYD 23607	48.74 2.14 -0.97	45.49 2.00 0.00	42.73 1.96 0.00	42.42 1.94 0.00	42.70 2.03 0.00	45.52 2.08 0.00	53.13 2.36 -2.66	51.08 2.62 0.00	45.56 2.21 0.00	40.09 1.80 0.00	38.86 1.68 0.00	38.02 1.67 0.00	36.03 1.62 0.00	34.83 1.60 0.00	35.47 1.62 0.00	39.22 1.80 0.00	44.07 2.25 -0.11	55.71 3.02 -2.41	68.91 3.80 -2.77	63.22 3.48 -1.70	57.46 3.11 -2.53	54.54 2.94 -1.82	49.72 2.51 -1.45	47.18 2.37 -0.01
EIGHT_POINT___WT_PWR 323820	44.06 -1.83 -0.26	41.66 -1.82 0.00	38.53 -2.24 0.00	37.88 -2.59 0.00	37.87 -2.81 0.00	40.48 -2.95 0.00	45.80 -3.03 -0.72	44.69 -3.78 0.00	39.89 -3.47 0.00	35.23 -3.06 0.00	34.55 -2.64 0.00	33.62 -2.73 0.00	31.52 -2.89 0.00	30.21 -3.02 0.00	30.76 -3.08 0.00	34.32 -3.11 0.00	38.23 -3.50 -0.03	47.56 -3.37 -0.65	59.28 -3.80 -0.75	54.90 -3.60 -0.46	49.50 -3.01 -0.68	47.34 -2.94 -0.49	43.71 -2.43 -0.39	42.83 -1.97 0.00
ELBRIDGE_115KV_TB2 80188	44.85 -0.78 0.00	42.75 -0.74 0.00	40.04 -0.73 0.00	39.83 -0.65 0.00	39.98 -0.69 0.00	42.70 -0.74 0.00	47.29 -0.82 0.00	47.50 -0.97 0.00	42.57 -0.78 0.00	37.72 -0.57 0.00	36.67 -0.52 0.00	35.77 -0.58 0.00	33.73 -0.69 0.00	32.57 -0.66 0.00	33.17 -0.68 0.00	36.79 -0.64 0.00	40.70 -1.00 0.00	49.17 -1.11 0.00	61.02 -1.31 0.00	56.76 -1.28 0.00	50.68 -1.14 0.00	48.64 -1.15 0.00	44.70 -1.05 0.00	43.81 -0.99 0.00
ELEC_TRO_TEK 24086	49.07 2.51 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.62 2.15 0.00	42.99 2.32 0.00	45.95 2.52 0.00	57.16 2.93 -6.12	59.03 3.25 -7.31	46.09 2.73 0.00	40.55 2.26 0.00	39.31 2.12 0.00	38.38 2.04 0.00	36.41 2.00 0.00	35.20 1.96 0.00	35.91 2.06 0.00	39.75 2.32 0.00	44.90 3.09 -0.11	56.33 3.72 -2.33	69.31 4.30 -2.68	63.63 3.95 -1.64	57.84 3.58 -2.44	55.07 3.53 -1.75	50.26 3.11 -1.40	47.71 2.91 -0.01

ELLENBURG_WT_PWR 323604	43.84 -1.78 0.00	41.79 -1.70 0.00	39.14 -1.63 0.00	38.85 -1.62 0.00	39.04 -1.63 0.00	41.65 -1.78 0.00	46.18 -1.93 0.00	46.58 -1.89 0.00	41.49 -1.86 0.00	36.49 -1.80 0.00	35.48 -1.71 0.00	34.71 -1.63 0.00	32.97 -1.44 0.00	31.84 -1.39 0.00	32.39 -1.45 0.00	35.74 -1.68 0.00	40.08 -1.63 0.00	48.27 -2.01 0.00	60.28 -2.06 0.00	56.18 -1.86 0.00	50.11 -1.71 0.00	48.14 -1.64 0.00	44.47 -1.28 0.00	43.49 -1.30 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	42.70 -2.92 0.00	40.75 -2.74 0.00	38.00 -2.77 0.00	37.60 -2.87 0.00	37.87 -2.81 0.00	40.61 -2.82 0.00	45.03 -3.08 0.00	44.30 -4.17 0.00	40.19 -3.16 0.00	35.80 -2.49 0.00	34.96 -2.23 0.00	33.98 -2.36 0.00	31.97 -2.44 0.00	30.75 -2.49 0.00	31.24 -2.61 0.00	34.84 -2.58 0.00	38.12 -3.59 0.00	46.16 -4.12 0.00	57.10 -5.24 0.00	52.76 -5.28 0.00	47.37 -4.46 0.00	45.45 -4.33 0.00	42.32 -3.43 0.00	41.97 -2.82 0.00
EMPIRE_CC_1 323656	49.91 1.64 -2.65	45.10 1.61 0.00	42.33 1.55 0.00	42.05 1.58 0.00	42.30 1.63 0.00	45.13 1.69 0.00	57.05 1.68 -7.26	50.21 1.74 0.00	45.13 1.78 0.00	39.86 1.57 0.00	38.68 1.49 0.00	37.84 1.49 0.00	35.86 1.45 0.00	34.67 1.43 0.00	35.26 1.42 0.00	39.00 1.57 0.00	44.01 2.00 -0.31	58.78 1.91 -6.59	71.96 2.05 -7.57	64.71 2.03 -4.64	60.49 1.76 -6.90	56.53 1.79 -4.96	51.35 1.64 -3.96	46.48 1.66 -0.02
EMPIRE_CC_2 323658	49.91 1.64 -2.65	45.10 1.61 0.00	42.33 1.55 0.00	42.05 1.58 0.00	42.30 1.63 0.00	45.13 1.69 0.00	57.05 1.68 -7.26	50.21 1.74 0.00	45.13 1.78 0.00	39.86 1.57 0.00	38.68 1.49 0.00	37.84 1.49 0.00	35.86 1.45 0.00	34.67 1.43 0.00	35.26 1.42 0.00	39.00 1.57 0.00	44.01 2.00 -0.31	58.78 1.91 -6.59	71.96 2.05 -7.57	64.71 2.03 -4.64	60.49 1.76 -6.90	56.53 1.79 -4.96	51.35 1.64 -3.96	46.48 1.66 -0.02
ENORWICH_115KV_TB1 80156	49.12 2.87 -0.62	46.14 2.65 0.00	43.26 2.49 0.00	42.90 2.43 0.00	43.11 2.44 0.00	46.08 2.65 0.00	52.79 2.98 -1.70	51.42 2.96 0.00	45.70 2.34 0.00	40.02 1.72 0.00	38.82 1.64 0.00	37.62 1.27 0.00	35.31 0.89 0.00	34.04 0.80 0.00	34.82 0.98 0.00	38.92 1.50 0.00	43.49 1.71 -0.07	54.83 3.02 -1.54	68.59 4.49 -1.77	63.07 3.95 -1.08	57.01 3.58 -1.61	54.43 3.48 -1.16	49.65 2.97 -0.93	47.76 2.96 -0.01
ERIE_ST__34_KV_TB1-2 80199	43.53 -2.10 0.00	41.58 -1.91 0.00	38.74 -2.04 0.00	38.33 -2.15 0.00	38.60 -2.07 0.00	41.39 -2.04 0.00	45.90 -2.21 0.00	45.22 -3.25 0.00	41.01 -2.34 0.00	36.53 -1.76 0.00	35.66 -1.52 0.00	34.68 -1.67 0.00	32.56 -1.86 0.00	31.34 -1.89 0.00	31.85 -2.00 0.00	35.56 -1.87 0.00	38.91 -2.79 0.00	47.21 -3.07 0.00	58.41 -3.93 0.00	54.03 -4.00 0.00	48.51 -3.32 0.00	46.45 -3.34 0.00	43.23 -2.52 0.00	42.82 -1.97 0.00
ERIE_WT_PWR 323693	42.84 -2.78 0.00	41.10 -2.39 0.00	38.29 -2.49 0.00	37.92 -2.55 0.00	38.15 -2.52 0.00	40.96 -2.47 0.00	45.42 -2.69 0.00	44.69 -3.78 0.00	40.54 -2.82 0.00	36.11 -2.18 0.00	35.25 -1.94 0.00	34.28 -2.07 0.00	32.21 -2.20 0.00	30.98 -2.26 0.00	31.47 -2.37 0.00	35.14 -2.28 0.00	38.45 -3.25 0.00	46.56 -3.72 0.00	57.59 -4.74 0.00	53.28 -4.76 0.00	47.83 -3.99 0.00	45.85 -3.93 0.00	42.69 -3.06 0.00	42.33 -2.46 0.00
ESPRGFLD_115KV_TB1 80157	54.02 1.82 -6.57	45.14 1.65 0.00	42.33 1.55 0.00	41.89 1.42 0.00	42.10 1.42 0.00	45.00 1.56 0.00	68.02 1.88 -18.04	50.36 1.89 0.00	44.70 1.34 0.00	39.33 1.03 0.00	38.04 0.86 0.00	37.07 0.73 0.00	34.96 0.55 0.00	33.77 0.53 0.00	34.42 0.58 0.00	38.21 0.79 0.00	43.76 1.29 -0.76	68.76 2.11 -16.37	83.95 2.81 -18.81	72.17 2.61 -11.52	71.31 2.33 -17.15	64.44 2.34 -12.32	57.69 2.10 -9.83	46.83 1.97 -0.06
ETNA_115_KV_TB1_REV_LBMP_C 345029	46.34 0.41 -0.30	43.88 0.39 0.00	41.10 0.33 0.00	40.84 0.36 0.00	41.00 0.33 0.00	43.78 0.35 0.00	49.37 0.43 -0.83	48.76 0.29 0.00	43.62 0.26 0.00	38.56 0.27 0.00	37.45 0.26 0.00	36.46 0.11 0.00	34.35 -0.07 0.00	33.11 -0.13 0.00	33.77 -0.07 0.00	37.54 0.11 0.00	41.74 0.00 -0.04	51.38 0.35 -0.75	63.88 0.69 -0.87	59.15 0.58 -0.53	53.13 0.52 -0.79	50.80 0.45 -0.57	46.52 0.32 -0.45	45.20 0.40 0.00
ETNA____115KV_TB2 80207	46.34 0.41 -0.30	43.88 0.39 0.00	41.10 0.33 0.00	40.84 0.36 0.00	41.00 0.33 0.00	43.78 0.35 0.00	49.37 0.43 -0.83	48.76 0.29 0.00	43.62 0.26 0.00	38.56 0.27 0.00	37.45 0.26 0.00	36.46 0.11 0.00	34.35 -0.07 0.00	33.11 -0.13 0.00	33.77 -0.07 0.00	37.54 0.11 0.00	41.74 0.00 -0.04	51.38 0.35 -0.75	63.88 0.69 -0.87	59.15 0.58 -0.53	53.13 0.52 -0.79	50.80 0.45 -0.57	46.52 0.32 -0.45	45.20 0.40 0.00
EUCLID____115KV_TB2 356179	44.53 -1.09 0.00	42.44 -1.04 0.00	39.80 -0.98 0.00	39.54 -0.93 0.00	39.70 -0.98 0.00	42.39 -1.04 0.00	46.95 -1.15 0.00	47.16 -1.31 0.00	42.27 -1.08 0.00	37.45 -0.84 0.00	36.44 -0.74 0.00	35.55 -0.80 0.00	33.55 -0.86 0.00	32.41 -0.83 0.00	33.00 -0.85 0.00	36.57 -0.86 0.00	40.45 -1.25 0.00	48.77 -1.51 0.00	60.53 -1.81 0.00	56.30 -1.74 0.00	50.27 -1.55 0.00	48.24 -1.54 0.00	44.33 -1.42 0.00	43.50 -1.30 0.00
E_CANADA_CAP_HY 24051	56.79 2.65 -8.52	45.92 2.43 0.00	42.98 2.20 0.00	42.46 1.98 0.00	42.70 2.03 0.00	45.69 2.26 0.00	74.08 2.60 -23.38	50.94 2.47 0.00	44.91 1.56 0.00	39.56 1.26 0.00	38.08 0.89 0.00	37.07 0.73 0.00	34.96 0.55 0.00	33.80 0.56 0.00	34.42 0.57 0.00	38.32 0.90 0.00	44.45 1.75 -0.99	74.25 2.76 -21.21	90.33 3.61 -24.38	76.40 3.42 -14.93	77.11 3.06 -22.23	68.94 3.19 -15.96	61.47 2.97 -12.75	47.70 2.82 -0.08
E_CANADA_MHWK_HY 24050	46.13 0.50 0.00	43.97 0.48 0.00	41.31 0.53 0.00	41.00 0.52 0.00	41.16 0.49 0.00	43.91 0.48 0.00	48.64 0.53 0.00	49.05 0.58 0.00	43.74 0.39 0.00	38.56 0.27 0.00	37.41 0.22 0.00	36.49 0.15 0.00	34.52 0.10 0.00	33.31 0.07 0.00	33.94 0.10 0.00	37.54 0.11 0.00	41.91 0.21 0.00	50.58 0.30 0.00	62.77 0.44 0.00	58.56 0.52 0.00	52.29 0.47 0.00	50.28 0.50 0.00	46.16 0.41 0.00	45.29 0.49 0.00
E_FISHKILL____LBMP 23776	48.35 1.78 -0.95	45.18 1.70 0.00	42.45 1.67 0.00	42.13 1.66 0.00	42.38 1.71 0.00	45.17 1.74 0.00	52.73 2.02 -2.60	50.70 2.23 0.00	45.39 2.04 0.00	40.06 1.76 0.00	38.90 1.71 0.00	38.06 1.71 0.00	36.07 1.65 0.00	34.87 1.63 0.00	35.50 1.66 0.00	39.19 1.76 0.00	43.98 2.17 -0.11	55.30 2.66 -2.36	68.10 3.05 -2.71	62.60 2.90 -1.66	56.88 2.59 -2.47	54.05 2.49 -1.77	49.27 2.10 -1.42	46.77 1.97 -0.01
FALCON____SEABRD_CC1 323796	43.25 -2.37 0.00	41.23 -2.26 0.00	38.70 -2.08 0.00	38.41 -2.06 0.00	38.60 -2.07 0.00	41.13 -2.30 0.00	45.61 -2.50 0.00	46.00 -2.47 0.00	40.97 -2.38 0.00	35.96 -2.34 0.00	34.96 -2.23 0.00	34.20 -2.14 0.00	32.56 -1.86 0.00	31.41 -1.83 0.00	31.95 -1.89 0.00	35.22 -2.21 0.00	39.58 -2.13 0.00	47.66 -2.62 0.00	59.72 -2.62 0.00	55.66 -2.38 0.00	49.65 -2.17 0.00	47.65 -2.14 0.00	44.11 -1.65 0.00	43.09 -1.70 0.00

FALCON___SEABRD_CC2 323797	43.25 -2.37 0.00	41.23 -2.26 0.00	38.70 -2.08 0.00	38.41 -2.06 0.00	38.60 -2.07 0.00	41.13 -2.30 0.00	45.61 -2.50 0.00	46.00 -2.47 0.00	40.97 -2.38 0.00	35.96 -2.34 0.00	34.96 -2.23 0.00	34.20 -2.14 0.00	32.56 -1.86 0.00	31.41 -1.83 0.00	31.95 -1.89 0.00	35.22 -2.21 0.00	39.58 -2.13 0.00	47.66 -2.62 0.00	59.72 -2.62 0.00	55.66 -2.38 0.00	49.65 -2.17 0.00	47.65 -2.14 0.00	44.11 -1.65 0.00	43.09 -1.70 0.00
FAR ROCKAWAY___4 23548	49.62 3.06 -0.94	46.32 2.83 0.00	43.47 2.69 0.00	43.10 2.63 0.00	43.48 2.81 0.00	46.43 3.00 0.00	57.74 3.51 -6.12	59.56 3.78 -7.31	46.56 3.21 0.00	40.90 2.60 0.00	39.68 2.49 0.00	38.75 2.40 0.00	36.75 2.34 0.00	35.57 2.33 0.00	36.28 2.44 0.00	40.20 2.77 0.00	45.44 3.63 -0.11	56.98 4.37 -2.33	70.19 5.17 -2.68	64.44 4.76 -1.64	58.57 4.30 -2.44	55.77 4.23 -1.75	50.90 3.75 -1.40	48.34 3.54 -0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	48.75 2.19 -0.94	45.53 2.04 0.00	42.73 1.96 0.00	42.46 1.98 0.00	42.67 1.99 0.00	45.43 2.00 0.00	53.04 2.36 -2.57	51.18 2.71 0.00	45.87 2.51 0.00	40.59 2.30 0.00	39.42 2.23 0.00	38.49 2.14 0.00	36.55 2.13 0.00	35.30 2.06 0.00	35.94 2.10 0.00	39.67 2.25 0.00	44.57 2.75 -0.11	55.98 3.37 -2.33	68.88 3.86 -2.68	63.39 3.71 -1.64	57.53 3.26 -2.44	54.63 3.09 -1.75	49.80 2.65 -1.40	47.27 2.46 -0.01
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	48.75 2.19 -0.94	45.53 2.04 0.00	42.73 1.96 0.00	42.46 1.98 0.00	42.67 1.99 0.00	45.43 2.00 0.00	53.04 2.36 -2.57	51.18 2.71 0.00	45.87 2.51 0.00	40.59 2.30 0.00	39.42 2.23 0.00	38.49 2.14 0.00	36.55 2.13 0.00	35.30 2.06 0.00	35.94 2.10 0.00	39.67 2.25 0.00	44.57 2.75 -0.11	55.98 3.37 -2.33	68.88 3.86 -2.68	63.39 3.71 -1.64	57.53 3.26 -2.44	54.63 3.09 -1.75	49.80 2.65 -1.40	47.27 2.46 -0.01
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	48.70 2.14 -0.94	45.49 2.00 0.00	42.73 1.96 0.00	42.42 1.94 0.00	42.67 1.99 0.00	45.43 2.00 0.00	52.99 2.31 -2.57	51.18 2.71 0.00	45.87 2.51 0.00	40.55 2.26 0.00	39.38 2.19 0.00	38.49 2.14 0.00	36.51 2.10 0.00	35.27 2.03 0.00	35.91 2.06 0.00	39.63 2.21 0.00	44.52 2.71 -0.11	55.93 3.32 -2.33	68.88 3.86 -2.68	63.34 3.66 -1.64	57.48 3.21 -2.44	54.58 3.04 -1.75	49.76 2.61 -1.40	47.22 2.42 -0.01
FARRAGUT___LBMP 323566	48.70 2.14 -0.94	45.49 2.00 0.00	42.69 1.92 0.00	42.42 1.94 0.00	42.62 1.95 0.00	45.39 1.95 0.00	52.99 2.31 -2.57	51.13 2.67 0.00	45.83 2.47 0.00	40.51 2.22 0.00	39.35 2.16 0.00	38.46 2.11 0.00	36.48 2.06 0.00	35.27 2.03 0.00	35.87 2.03 0.00	39.60 2.17 0.00	44.48 2.67 -0.11	55.88 3.27 -2.33	68.82 3.80 -2.68	63.28 3.60 -1.64	57.48 3.21 -2.44	54.58 3.04 -1.75	49.76 2.61 -1.40	47.22 2.42 -0.01
FENNER___WINDPWR 24204	46.35 0.73 0.00	44.18 0.69 0.00	41.43 0.65 0.00	41.12 0.65 0.00	41.32 0.65 0.00	44.13 0.69 0.00	48.88 0.77 0.00	49.20 0.73 0.00	43.96 0.61 0.00	38.79 0.50 0.00	37.71 0.52 0.00	36.71 0.36 0.00	34.66 0.24 0.00	33.44 0.20 0.00	34.08 0.24 0.00	37.80 0.37 0.00	42.08 0.37 0.00	50.98 0.70 0.00	63.46 1.12 0.00	59.02 0.99 0.00	52.70 0.88 0.00	50.63 0.85 0.00	46.44 0.69 0.00	45.47 0.67 0.00
FIBERTEK___ENERGY 23856	45.12 -0.50 0.00	43.01 -0.48 0.00	40.29 -0.49 0.00	40.03 -0.45 0.00	40.18 -0.49 0.00	42.91 -0.52 0.00	47.53 -0.58 0.00	47.79 -0.68 0.00	42.79 -0.56 0.00	37.95 -0.34 0.00	36.89 -0.30 0.00	35.98 -0.36 0.00	33.93 -0.48 0.00	32.77 -0.47 0.00	33.37 -0.47 0.00	37.02 -0.41 0.00	41.00 -0.71 0.00	49.47 -0.80 0.00	61.46 -0.87 0.00	57.11 -0.93 0.00	50.99 -0.83 0.00	48.94 -0.85 0.00	44.97 -0.78 0.00	44.08 -0.72 0.00
FITZPATRICK____ 23598	44.03 -1.60 0.00	41.97 -1.52 0.00	39.35 -1.43 0.00	39.10 -1.38 0.00	39.29 -1.38 0.00	41.96 -1.48 0.00	46.42 -1.69 0.00	46.63 -1.84 0.00	41.80 -1.56 0.00	37.03 -1.26 0.00	36.00 -1.19 0.00	35.15 -1.20 0.00	33.21 -1.21 0.00	32.07 -1.16 0.00	32.66 -1.19 0.00	36.15 -1.27 0.00	39.99 -1.71 0.00	48.12 -2.16 0.00	59.72 -2.62 0.00	55.54 -2.49 0.00	49.60 -2.23 0.00	47.65 -2.14 0.00	43.78 -1.97 0.00	42.91 -1.88 0.00
FLOWRFLD_69_KV_BK1 356044	49.43 2.87 -0.94	46.10 2.61 0.00	43.22 2.45 0.00	42.82 2.35 0.00	43.40 2.73 0.00	46.65 3.21 0.00	58.03 3.80 -6.12	59.90 4.12 -7.31	46.43 3.08 0.00	40.63 2.34 0.00	39.35 2.16 0.00	38.38 2.04 0.00	36.38 1.96 0.00	35.20 1.96 0.00	36.01 2.17 0.00	39.90 2.47 0.00	45.40 3.59 -0.11	56.93 4.32 -2.33	70.25 5.24 -2.68	64.32 4.64 -1.64	58.41 4.15 -2.44	55.87 4.33 -1.75	50.86 3.71 -1.40	48.25 3.45 -0.01
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	48.91 2.33 -0.96	45.71 2.22 0.00	42.94 2.16 0.00	42.58 2.10 0.00	42.87 2.20 0.00	45.65 2.22 0.00	53.33 2.60 -2.63	51.28 2.81 0.00	45.83 2.47 0.00	40.32 2.03 0.00	39.16 1.97 0.00	38.31 1.96 0.00	36.31 1.89 0.00	35.10 1.86 0.00	35.74 1.90 0.00	39.49 2.06 0.00	44.40 2.59 -0.11	55.98 3.32 -2.38	69.06 3.99 -2.74	63.37 3.66 -1.68	57.58 3.26 -2.50	54.71 3.14 -1.79	49.88 2.70 -1.43	47.31 2.51 -0.01
FORT ORANGE____ 23900	52.01 2.10 -4.28	45.62 2.13 0.00	42.82 2.04 0.00	42.46 1.98 0.00	42.70 2.03 0.00	45.61 2.17 0.00	62.13 2.26 -11.76	50.84 2.37 0.00	45.35 2.00 0.00	39.98 1.68 0.00	38.75 1.56 0.00	37.91 1.56 0.00	35.89 1.48 0.00	34.70 1.46 0.00	35.33 1.49 0.00	39.11 1.69 0.00	44.25 2.04 -0.50	63.41 2.46 -10.67	77.59 2.99 -12.26	68.33 2.79 -7.51	65.49 2.49 -11.18	60.20 2.39 -8.03	54.36 2.20 -6.41	47.07 2.24 -0.04
FORT_DRUM_COGEN 23780	46.63 1.00 0.00	44.27 0.78 0.00	41.55 0.77 0.00	41.24 0.77 0.00	41.49 0.81 0.00	44.09 0.65 0.00	48.78 0.67 0.00	49.20 0.73 0.00	43.70 0.35 0.00	38.33 0.04 0.00	37.19 0.00 0.00	35.98 -0.36 0.00	34.04 -0.38 0.00	32.84 -0.40 0.00	33.47 -0.37 0.00	37.16 -0.26 0.00	41.41 -0.29 0.00	50.63 0.35 0.00	63.89 1.56 0.00	59.61 1.57 0.00	53.38 1.55 0.00	51.43 1.64 0.00	47.08 1.33 0.00	45.96 1.16 0.00
FOX_HILLS___ESR 323835	57.84 2.60 -9.62	59.19 2.44 -13.27	58.41 2.41 -15.23	58.41 2.43 -15.51	58.41 2.44 -15.30	58.38 2.35 -12.60	59.25 2.65 -8.50	60.09 3.01 -8.62	61.17 2.82 -15.00	60.05 2.60 -19.15	60.05 2.53 -20.33	60.08 2.47 -21.26	60.04 2.44 -23.18	60.03 2.36 -24.43	60.04 2.40 -23.79	61.15 2.55 -21.18	63.52 3.04 -18.77	64.47 3.57 -10.63	69.18 4.11 -2.74	68.00 3.95 -6.02	64.48 3.52 -9.13	63.56 3.34 -10.44	63.54 2.97 -14.81	61.18 2.87 -13.52
FPL FAR_ROCK_GT1 24212	49.71 3.15 -0.94	46.31 2.83 0.00	43.47 2.69 0.00	43.10 2.63 0.00	43.48 2.80 0.00	46.47 3.04 0.00	57.74 3.51 -6.12	59.56 3.78 -7.31	46.56 3.21 0.00	40.90 2.61 0.00	39.68 2.49 0.00	38.75 2.40 0.00	36.79 2.37 0.00	35.56 2.33 0.00	36.28 2.44 0.00	40.20 2.77 0.00	45.40 3.59 -0.11	56.98 4.37 -2.33	70.18 5.17 -2.68	64.44 4.76 -1.64	58.56 4.30 -2.44	55.77 4.23 -1.75	50.91 3.75 -1.41	48.34 3.54 -0.01

FPL FAR_ROCK_GT2 23815	49.71 3.15 -0.94	46.31 2.83 0.00	43.47 2.69 0.00	43.10 2.63 0.00	43.48 2.80 0.00	46.47 3.04 0.00	57.74 3.51 -6.12	59.56 3.78 -7.31	46.56 3.21 0.00	40.90 2.61 0.00	39.68 2.49 0.00	38.75 2.40 0.00	36.79 2.37 0.00	35.56 2.33 0.00	36.28 2.44 0.00	40.20 2.77 0.00	45.40 3.59 -0.11	56.98 4.37 -2.33	70.18 5.17 -2.68	64.44 4.76 -1.64	58.56 4.30 -2.44	55.77 4.23 -1.75	50.91 3.75 -1.41	48.34 3.54 -0.01
FRANKLIN_FALL_HYD 24054	44.57 -1.05 0.00	42.44 -1.04 0.00	39.80 -0.98 0.00	39.54 -0.93 0.00	39.82 -0.85 0.00	42.39 -1.04 0.00	46.91 -1.20 0.00	47.35 -1.11 0.00	42.27 -1.08 0.00	37.14 -1.15 0.00	36.07 -1.12 0.00	35.26 -1.09 0.00	33.62 -0.79 0.00	32.47 -0.76 0.00	33.03 -0.81 0.00	36.42 -1.01 0.00	40.87 -0.83 0.00	49.22 -1.06 0.00	61.77 -0.56 0.00	57.52 -0.52 0.00	51.36 -0.47 0.00	49.34 -0.45 0.00	45.57 -0.18 0.00	44.48 -0.31 0.00
FREEPORT_EQUS_GT1 23764	49.44 2.88 -0.94	46.05 2.57 0.00	43.22 2.45 0.00	42.86 2.39 0.00	43.24 2.56 0.00	46.26 2.82 0.00	57.54 3.32 -6.12	59.37 3.59 -7.31	46.34 2.99 0.00	40.71 2.41 0.00	39.49 2.31 0.00	38.53 2.18 0.00	36.58 2.17 0.00	35.37 2.13 0.00	36.08 2.23 0.00	40.01 2.58 0.00	45.19 3.38 -0.11	56.73 4.12 -2.33	69.81 4.80 -2.68	64.09 4.41 -1.64	58.26 3.99 -2.44	55.47 3.93 -1.75	50.63 3.48 -1.41	48.03 3.23 -0.01
FREEPORT___CT2 23818	49.44 2.88 -0.94	46.05 2.57 0.00	43.22 2.45 0.00	42.86 2.39 0.00	43.24 2.56 0.00	46.26 2.82 0.00	57.54 3.32 -6.12	59.37 3.59 -7.31	46.34 2.99 0.00	40.71 2.41 0.00	39.49 2.31 0.00	38.53 2.18 0.00	36.58 2.17 0.00	35.37 2.13 0.00	36.08 2.23 0.00	40.01 2.58 0.00	45.19 3.38 -0.11	56.73 4.12 -2.33	69.81 4.80 -2.68	64.09 4.41 -1.64	58.26 3.99 -2.44	55.47 3.93 -1.75	50.63 3.48 -1.41	48.03 3.23 -0.01
FRESHKLS_33_KV_LOAD 356253	57.75 2.51 -9.62	59.15 2.39 -13.27	58.37 2.37 -15.23	58.37 2.39 -15.51	58.37 2.40 -15.30	58.38 2.35 -12.60	59.21 2.60 -8.50	60.00 2.91 -8.62	61.09 2.73 -15.00	59.97 2.53 -19.15	59.97 2.45 -20.33	60.01 2.40 -21.26	59.97 2.37 -23.18	59.97 2.29 -24.43	59.97 2.34 -23.79	61.07 2.47 -21.18	63.43 2.96 -18.77	64.32 3.42 -10.63	69.00 3.93 -2.74	67.89 3.83 -6.02	64.38 3.42 -9.13	63.46 3.24 -10.44	63.45 2.88 -14.81	61.09 2.78 -13.52
FULTON COGEN____ 23766	44.44 -1.19 0.00	42.36 -1.13 0.00	39.72 -1.06 0.00	39.46 -1.01 0.00	39.61 -1.06 0.00	42.31 -1.13 0.00	46.81 -1.30 0.00	47.06 -1.41 0.00	42.14 -1.21 0.00	37.37 -0.92 0.00	36.33 -0.86 0.00	35.44 -0.91 0.00	33.45 -0.96 0.00	32.27 -0.96 0.00	32.86 -0.98 0.00	36.45 -0.97 0.00	40.33 -1.38 0.00	48.62 -1.66 0.00	60.40 -1.93 0.00	56.18 -1.86 0.00	50.16 -1.66 0.00	48.14 -1.64 0.00	44.24 -1.51 0.00	43.36 -1.43 0.00
FULTON___LFGE 323630	58.19 3.24 -9.33	46.49 3.00 0.00	43.51 2.73 0.00	43.07 2.59 0.00	43.31 2.64 0.00	46.34 2.91 0.00	77.02 3.32 -25.59	51.67 3.20 0.00	45.61 2.25 0.00	40.06 1.76 0.00	38.64 1.45 0.00	37.62 1.27 0.00	35.48 1.07 0.00	34.30 1.06 0.00	34.96 1.12 0.00	38.88 1.46 0.00	45.21 2.42 -1.08	76.96 3.47 -23.22	93.45 4.43 -26.69	78.57 4.18 -16.35	79.94 3.78 -24.34	70.94 3.68 -17.47	63.14 3.43 -13.95	48.20 3.31 -0.09
G.F.CEMENT___DRP 24184	58.88 3.92 -9.34	47.10 3.61 0.00	44.12 3.34 0.00	43.75 3.28 0.00	44.01 3.34 0.00	47.00 3.56 0.00	77.86 4.14 -25.61	52.44 3.97 0.00	46.56 3.21 0.00	40.97 2.68 0.00	39.72 2.53 0.00	38.75 2.40 0.00	36.62 2.20 0.00	35.43 2.19 0.00	36.14 2.30 0.00	40.16 2.73 0.00	46.38 3.59 -1.08	77.99 4.47 -23.24	94.53 5.49 -26.72	79.45 5.05 -16.36	80.74 4.56 -24.36	71.50 4.23 -17.49	63.70 3.98 -13.96	48.78 3.90 -0.09
GARDENVILLE___LBMP 24039	42.84 -2.78 0.00	40.92 -2.57 0.00	38.17 -2.61 0.00	37.76 -2.71 0.00	38.03 -2.64 0.00	40.78 -2.65 0.00	45.22 -2.89 0.00	44.54 -3.93 0.00	40.36 -2.99 0.00	35.96 -2.34 0.00	35.14 -2.05 0.00	34.13 -2.22 0.00	32.07 -2.34 0.00	30.88 -2.36 0.00	31.37 -2.47 0.00	34.99 -2.43 0.00	38.28 -3.42 0.00	46.36 -3.92 0.00	57.41 -4.92 0.00	53.05 -4.99 0.00	47.63 -4.20 0.00	45.65 -4.13 0.00	42.50 -3.25 0.00	42.15 -2.64 0.00
GARDNVLA_35_KV_LD 355827	43.16 -2.46 0.00	41.23 -2.26 0.00	38.41 -2.37 0.00	38.00 -2.47 0.00	38.27 -2.40 0.00	41.05 -2.39 0.00	45.51 -2.60 0.00	44.83 -3.64 0.00	40.67 -2.69 0.00	36.23 -2.07 0.00	35.37 -1.82 0.00	34.38 -1.96 0.00	32.31 -2.10 0.00	31.08 -2.16 0.00	31.61 -2.23 0.00	35.26 -2.17 0.00	38.58 -3.13 0.00	46.71 -3.57 0.00	57.85 -4.49 0.00	53.45 -4.59 0.00	47.99 -3.83 0.00	46.00 -3.78 0.00	42.82 -2.93 0.00	42.46 -2.33 0.00
GELCKHM___115KV_LOAD 80723	44.76 -0.87 0.00	42.62 -0.87 0.00	39.96 -0.82 0.00	39.70 -0.77 0.00	39.90 -0.77 0.00	42.57 -0.87 0.00	47.15 -0.96 0.00	47.35 -1.11 0.00	42.44 -0.91 0.00	37.64 -0.65 0.00	36.59 -0.60 0.00	35.69 -0.65 0.00	33.69 -0.72 0.00	32.51 -0.73 0.00	33.13 -0.71 0.00	36.75 -0.67 0.00	40.62 -1.08 0.00	49.02 -1.26 0.00	60.84 -1.50 0.00	56.59 -1.45 0.00	50.53 -1.30 0.00	48.49 -1.29 0.00	44.56 -1.19 0.00	43.67 -1.12 0.00
GENERAL___MILLS 23808	43.02 -2.60 0.00	41.10 -2.39 0.00	38.29 -2.49 0.00	37.88 -2.59 0.00	38.15 -2.52 0.00	40.96 -2.48 0.00	45.37 -2.74 0.00	44.69 -3.78 0.00	40.54 -2.82 0.00	36.11 -2.18 0.00	35.25 -1.93 0.00	34.28 -2.07 0.00	32.21 -2.20 0.00	30.98 -2.26 0.00	31.47 -2.37 0.00	35.14 -2.28 0.00	38.41 -3.29 0.00	46.56 -3.72 0.00	57.60 -4.74 0.00	53.28 -4.76 0.00	47.83 -3.99 0.00	45.85 -3.93 0.00	42.69 -3.07 0.00	42.33 -2.46 0.00
GE_PLASTICS___DRP 24183	50.88 1.60 -3.66	45.10 1.61 0.00	42.33 1.55 0.00	42.01 1.54 0.00	42.26 1.59 0.00	45.08 1.65 0.00	59.87 1.73 -10.03	50.31 1.84 0.00	44.96 1.60 0.00	39.67 1.38 0.00	38.49 1.30 0.00	37.66 1.31 0.00	35.69 1.27 0.00	34.47 1.23 0.00	35.09 1.25 0.00	38.81 1.38 0.00	43.84 1.71 -0.42	61.39 2.01 -9.10	75.10 2.31 -10.46	66.65 2.21 -6.41	63.33 1.97 -9.54	58.52 1.89 -6.85	52.91 1.69 -5.47	46.53 1.70 -0.03
GILBOA___1 23756	47.39 1.18 -0.59	44.62 1.13 0.00	41.88 1.10 0.00	41.57 1.09 0.00	41.81 1.14 0.00	44.61 1.17 0.00	51.02 1.30 -1.61	49.82 1.36 0.00	44.57 1.21 0.00	39.36 1.07 0.00	38.19 1.00 0.00	37.48 1.13 0.00	35.52 1.10 0.00	34.30 1.06 0.00	34.92 1.08 0.00	38.47 1.05 0.00	43.07 1.29 -0.07	53.35 1.61 -1.46	65.75 1.74 -1.68	60.80 1.74 -1.03	54.91 1.55 -1.53	52.37 1.49 -1.10	47.91 1.28 -0.88	46.05 1.25 -0.01
GILBOA___2 23757	47.39 1.18 -0.59	44.62 1.13 0.00	41.88 1.10 0.00	41.57 1.09 0.00	41.81 1.14 0.00	44.61 1.17 0.00	51.02 1.30 -1.61	49.82 1.36 0.00	44.57 1.21 0.00	39.36 1.07 0.00	38.19 1.00 0.00	37.48 1.13 0.00	35.52 1.10 0.00	34.30 1.06 0.00	34.92 1.08 0.00	38.47 1.05 0.00	43.07 1.29 -0.07	53.35 1.61 -1.46	65.75 1.74 -1.68	60.80 1.74 -1.03	54.91 1.55 -1.53	52.37 1.49 -1.10	47.91 1.28 -0.88	46.05 1.25 -0.01

GILBOA___3 23758	47.39 1.18 -0.59	44.62 1.13 0.00	41.88 1.10 0.00	41.57 1.09 0.00	41.81 1.14 0.00	44.61 1.17 0.00	51.02 1.30 -1.61	49.82 1.36 0.00	44.57 1.21 0.00	39.36 1.07 0.00	38.19 1.00 0.00	37.48 1.13 0.00	35.52 1.10 0.00	34.30 1.06 0.00	34.92 1.08 0.00	38.47 1.05 0.00	43.07 1.29 -0.07	53.35 1.61 -1.46	65.75 1.74 -1.68	60.80 1.74 -1.03	54.91 1.55 -1.53	52.37 1.49 -1.10	47.91 1.28 -0.88	46.05 1.25 -0.01
GILBOA___4 23759	47.39 1.18 -0.59	44.62 1.13 0.00	41.88 1.10 0.00	41.57 1.09 0.00	41.81 1.14 0.00	44.61 1.17 0.00	51.02 1.30 -1.61	49.82 1.36 0.00	44.57 1.21 0.00	39.36 1.07 0.00	38.19 1.00 0.00	37.48 1.13 0.00	35.52 1.10 0.00	34.30 1.06 0.00	34.92 1.08 0.00	38.47 1.05 0.00	43.07 1.29 -0.07	53.35 1.61 -1.46	65.75 1.74 -1.68	60.80 1.74 -1.03	54.91 1.55 -1.53	52.37 1.49 -1.10	47.91 1.28 -0.88	46.05 1.25 -0.01
GILBOA___ 23599	47.40 1.19 -0.59	44.62 1.13 0.00	41.88 1.10 0.00	41.57 1.09 0.00	41.77 1.10 0.00	44.56 1.13 0.00	51.02 1.30 -1.61	49.83 1.36 0.00	44.57 1.21 0.00	39.37 1.07 0.00	38.19 1.00 0.00	37.47 1.13 0.00	35.52 1.10 0.00	34.30 1.06 0.00	34.93 1.08 0.00	38.47 1.05 0.00	43.07 1.29 -0.07	53.35 1.61 -1.46	65.76 1.75 -1.68	60.81 1.74 -1.03	54.91 1.55 -1.53	52.38 1.49 -1.10	47.91 1.28 -0.88	46.05 1.25 -0.01
GINNA___ 23603	41.88 -3.74 0.00	39.97 -3.52 0.00	37.35 -3.43 0.00	37.11 -3.36 0.00	37.30 -3.38 0.00	39.92 -3.52 0.00	44.26 -3.85 0.00	44.20 -4.27 0.00	39.71 -3.64 0.00	35.19 -3.10 0.00	34.29 -2.90 0.00	33.40 -2.94 0.00	31.49 -2.93 0.00	30.35 -2.89 0.00	30.90 -2.94 0.00	34.40 -3.03 0.00	37.95 -3.75 0.00	45.75 -4.53 0.00	57.03 -5.30 0.00	52.93 -5.11 0.00	47.21 -4.61 0.00	45.25 -4.53 0.00	41.77 -3.98 0.00	41.08 -3.72 0.00
GLEN PARK___ 23778	46.90 1.28 0.00	44.58 1.09 0.00	41.84 1.06 0.00	41.49 1.01 0.00	41.73 1.06 0.00	44.39 0.95 0.00	49.12 1.01 0.00	49.53 1.06 0.00	43.96 0.61 0.00	38.49 0.19 0.00	37.38 0.19 0.00	36.13 -0.22 0.00	34.17 -0.24 0.00	32.97 -0.27 0.00	33.61 -0.24 0.00	37.31 -0.11 0.00	41.62 -0.08 0.00	50.93 0.65 0.00	64.33 1.99 0.00	60.07 2.03 0.00	53.79 1.97 0.00	51.78 1.99 0.00	47.39 1.64 0.00	46.23 1.43 0.00
GLENDALE_27_KV_LOAD 356172	49.12 2.55 -0.94	45.88 2.39 0.00	43.06 2.28 0.00	42.78 2.31 0.00	42.99 2.32 0.00	45.69 2.26 0.00	53.28 2.60 -2.57	51.47 3.01 0.00	46.17 2.82 0.00	40.86 2.57 0.00	39.72 2.53 0.00	38.78 2.44 0.00	36.82 2.41 0.00	36.49 2.36 -0.89	36.21 2.37 0.00	39.97 2.55 0.00	44.86 3.04 -0.11	56.28 3.67 -2.33	69.25 4.24 -2.68	63.74 4.06 -1.64	57.89 3.63 -2.44	54.92 3.39 -1.75	50.12 2.97 -1.40	47.63 2.82 -0.01
GLENWOOD_IC_1_G5 23712	49.34 2.78 -0.94	46.01 2.52 0.00	43.18 2.41 0.00	42.82 2.35 0.00	43.19 2.52 0.00	46.17 2.74 0.00	57.45 3.22 -6.12	59.32 3.54 -7.31	46.35 2.99 0.00	40.71 2.41 0.00	39.49 2.31 0.00	38.56 2.22 0.00	36.58 2.17 0.00	35.37 2.13 0.00	36.08 2.23 0.00	39.97 2.55 0.00	45.15 3.34 -0.11	56.63 4.02 -2.33	69.75 4.74 -2.68	64.03 4.35 -1.64	58.15 3.89 -2.44	55.37 3.83 -1.75	50.54 3.39 -1.40	47.98 3.18 -0.01
GLENWOOD_IC_2_G1 23688	49.25 2.69 -0.94	45.92 2.43 0.00	43.10 2.32 0.00	42.74 2.27 0.00	43.11 2.44 0.00	46.08 2.65 0.00	57.31 3.08 -6.12	59.17 3.39 -7.31	46.22 2.86 0.00	40.63 2.34 0.00	39.42 2.23 0.00	38.45 2.11 0.00	36.51 2.10 0.00	35.30 2.06 0.00	36.01 2.17 0.00	39.90 2.47 0.00	45.02 3.21 -0.11	56.53 3.92 -2.33	69.56 4.55 -2.68	63.86 4.18 -1.64	58.05 3.78 -2.44	55.27 3.74 -1.75	50.45 3.30 -1.41	47.85 3.05 -0.01
GLENWOOD_IC_3_G1 23689	49.25 2.69 -0.94	45.92 2.43 0.00	43.10 2.32 0.00	42.74 2.27 0.00	43.11 2.44 0.00	46.08 2.65 0.00	57.31 3.08 -6.12	59.17 3.39 -7.31	46.22 2.86 0.00	40.63 2.34 0.00	39.42 2.23 0.00	38.45 2.11 0.00	36.51 2.10 0.00	35.30 2.06 0.00	36.01 2.17 0.00	39.90 2.47 0.00	45.02 3.21 -0.11	56.53 3.92 -2.33	69.56 4.55 -2.68	63.86 4.18 -1.64	58.05 3.78 -2.44	55.27 3.74 -1.75	50.45 3.30 -1.41	47.85 3.05 -0.01
GLENWOOD___4 23550	49.34 2.78 -0.94	46.01 2.52 0.00	43.18 2.41 0.00	42.82 2.35 0.00	43.19 2.52 0.00	46.17 2.74 0.00	57.45 3.22 -6.12	59.32 3.54 -7.31	46.35 2.99 0.00	40.71 2.41 0.00	39.49 2.31 0.00	38.56 2.22 0.00	36.58 2.17 0.00	35.37 2.13 0.00	36.08 2.23 0.00	39.97 2.55 0.00	45.15 3.34 -0.11	56.63 4.02 -2.33	69.75 4.74 -2.68	64.03 4.35 -1.64	58.15 3.89 -2.44	55.37 3.83 -1.75	50.54 3.39 -1.40	47.98 3.18 -0.01
GLENWOOD___5 23614	49.34 2.78 -0.94	46.01 2.52 0.00	43.18 2.41 0.00	42.82 2.35 0.00	43.19 2.52 0.00	46.17 2.74 0.00	57.45 3.22 -6.12	59.32 3.54 -7.31	46.35 2.99 0.00	40.71 2.41 0.00	39.49 2.31 0.00	38.56 2.22 0.00	36.58 2.17 0.00	35.37 2.13 0.00	36.08 2.23 0.00	39.97 2.55 0.00	45.15 3.34 -0.11	56.63 4.02 -2.33	69.75 4.74 -2.68	64.03 4.35 -1.64	58.15 3.89 -2.44	55.37 3.83 -1.75	50.54 3.39 -1.40	47.98 3.18 -0.01
GLOBAL GREEN_PORT_GT1 23814	49.11 2.55 -0.94	45.71 2.22 0.00	42.94 2.16 0.00	42.58 2.10 0.00	43.44 2.77 0.00	47.08 3.65 0.00	58.56 4.33 -6.12	60.29 4.51 -7.31	46.39 3.03 0.00	40.44 2.14 0.00	38.90 1.71 0.00	37.84 1.49 0.00	35.75 1.34 0.00	34.53 1.30 0.00	35.37 1.52 0.00	39.33 1.91 0.00	44.90 3.09 -0.11	56.43 3.82 -2.33	69.94 4.92 -2.68	63.97 4.29 -1.64	58.00 3.73 -2.44	55.42 3.89 -1.75	50.41 3.25 -1.41	48.16 3.36 -0.01
GLOBE___DSASP 323697	41.43 -4.20 0.00	39.49 -4.00 0.00	36.82 -3.96 0.00	36.43 -4.05 0.00	36.69 -3.99 0.00	39.35 -4.08 0.00	43.59 -4.52 0.00	42.80 -5.67 0.00	38.85 -4.51 0.00	34.62 -3.68 0.00	33.80 -3.38 0.00	32.89 -3.45 0.00	30.94 -3.48 0.00	29.78 -3.46 0.00	30.29 -3.55 0.00	33.76 -3.67 0.00	36.91 -4.80 0.00	44.50 -5.78 0.00	54.98 -7.36 0.00	50.84 -7.20 0.00	45.60 -6.22 0.00	43.81 -5.97 0.00	40.86 -4.90 0.00	40.58 -4.21 0.00
GOETHSLN___LBMP 323567	48.39 1.82 -0.94	45.18 1.70 0.00	42.45 1.67 0.00	42.17 1.70 0.00	42.38 1.71 0.00	45.13 1.69 0.00	52.65 1.97 -2.57	50.84 2.37 0.00	45.57 2.21 0.00	40.32 2.03 0.00	39.16 1.97 0.00	38.24 1.89 0.00	36.31 1.89 0.00	35.07 1.83 0.00	35.70 1.86 0.00	39.41 1.98 0.00	44.23 2.42 -0.11	55.58 2.97 -2.33	68.38 3.37 -2.68	62.93 3.25 -1.64	57.12 2.85 -2.44	54.23 2.69 -1.75	49.44 2.29 -1.40	46.95 2.15 -0.01
GOLAH___69_KV_TB 1_2 80279	43.34 -2.28 0.00	41.23 -2.26 0.00	38.62 -2.16 0.00	38.37 -2.10 0.00	38.60 -2.07 0.00	41.35 -2.08 0.00	45.80 -2.31 0.00	45.41 -3.05 0.00	40.88 -2.47 0.00	36.26 -2.03 0.00	35.33 -1.86 0.00	34.35 -2.00 0.00	32.35 -2.06 0.00	31.18 -2.06 0.00	31.74 -2.10 0.00	35.33 -2.10 0.00	38.83 -2.88 0.00	46.86 -3.42 0.00	58.28 -4.05 0.00	54.21 -3.83 0.00	48.45 -3.37 0.00	46.50 -3.29 0.00	43.05 -2.70 0.00	42.55 -2.24 0.00

GOODYEAR_LAKE_HYD 323669	50.02 1.51 -2.89	44.84 1.35 0.00	42.08 1.30 0.00	41.73 1.25 0.00	41.93 1.26 0.00	44.78 1.35 0.00	57.62 1.59 -7.93	50.16 1.70 0.00	44.74 1.39 0.00	39.44 1.15 0.00	38.27 1.08 0.00	37.36 1.02 0.00	35.27 0.86 0.00	34.07 0.83 0.00	34.72 0.88 0.00	38.44 1.01 0.00	43.33 1.29 -0.34	59.38 1.91 -7.19	73.03 2.43 -8.27	65.31 2.21 -5.06	61.33 1.97 -7.54	57.14 1.94 -5.41	51.77 1.69 -4.32	46.43 1.61 -0.03
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	45.72 -0.32 -0.42	43.23 -0.26 0.00	40.45 -0.33 0.00	40.15 -0.32 0.00	40.35 -0.33 0.00	43.13 -0.30 0.00	48.92 -0.34 -1.14	47.89 -0.58 0.00	42.92 -0.43 0.00	37.99 -0.31 0.00	36.97 -0.22 0.00	36.06 -0.29 0.00	34.00 -0.41 0.00	32.81 -0.43 0.00	33.40 -0.44 0.00	37.05 -0.37 0.00	41.13 -0.63 -0.05	50.86 -0.45 -1.04	62.96 -0.56 -1.19	58.13 -0.64 -0.73	52.39 -0.52 -1.09	50.02 -0.55 -0.78	45.92 -0.46 -0.62	44.48 -0.31 0.00
GOUDEY___7 23579	45.72 -0.32 -0.42	43.23 -0.26 0.00	40.45 -0.33 0.00	40.15 -0.32 0.00	40.35 -0.33 0.00	43.13 -0.30 0.00	48.92 -0.34 -1.14	47.89 -0.58 0.00	42.92 -0.43 0.00	37.99 -0.31 0.00	36.97 -0.22 0.00	36.06 -0.29 0.00	34.00 -0.41 0.00	32.81 -0.43 0.00	33.40 -0.44 0.00	37.05 -0.37 0.00	41.13 -0.63 -0.05	50.86 -0.45 -1.04	62.96 -0.56 -1.19	58.13 -0.64 -0.73	52.39 -0.52 -1.09	50.02 -0.55 -0.78	45.92 -0.46 -0.62	44.48 -0.31 0.00
GOUDEY___8 23580	45.72 -0.32 -0.42	43.23 -0.26 0.00	40.45 -0.33 0.00	40.15 -0.32 0.00	40.35 -0.33 0.00	43.13 -0.30 0.00	48.92 -0.34 -1.14	47.89 -0.58 0.00	42.92 -0.43 0.00	37.99 -0.31 0.00	36.97 -0.22 0.00	36.06 -0.29 0.00	34.00 -0.41 0.00	32.81 -0.43 0.00	33.40 -0.44 0.00	37.05 -0.37 0.00	41.13 -0.63 -0.05	50.86 -0.45 -1.04	62.96 -0.56 -1.19	58.13 -0.64 -0.73	52.39 -0.52 -1.09	50.02 -0.55 -0.78	45.92 -0.46 -0.62	44.48 -0.31 0.00
GOWANUS_GT1_1 24077	57.94 2.69 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.45 2.48 -15.30	58.47 2.43 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.30 2.95 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.14 2.55 -23.18	60.13 2.46 -24.43	60.14 2.50 -23.79	61.26 2.66 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.24 -6.02	64.74 3.78 -9.13	63.76 3.53 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GOWANUS_GT1_2 24078	57.94 2.69 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.45 2.48 -15.30	58.47 2.43 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.30 2.95 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.14 2.55 -23.18	60.13 2.46 -24.43	60.14 2.50 -23.79	61.26 2.66 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.24 -6.02	64.74 3.78 -9.13	63.76 3.53 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GOWANUS_GT1_3 24079	57.94 2.69 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.45 2.48 -15.30	58.47 2.43 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.30 2.95 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.14 2.55 -23.18	60.13 2.46 -24.43	60.14 2.50 -23.79	61.26 2.66 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.24 -6.02	64.74 3.78 -9.13	63.76 3.53 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GOWANUS_GT1_4 24080	57.94 2.69 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.45 2.48 -15.30	58.47 2.43 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.30 2.95 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.14 2.55 -23.18	60.13 2.46 -24.43	60.14 2.50 -23.79	61.26 2.66 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.24 -6.02	64.74 3.78 -9.13	63.76 3.53 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GOWANUS_GT1_5 24084	57.94 2.69 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.45 2.48 -15.30	58.47 2.43 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.30 2.95 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.14 2.55 -23.18	60.13 2.46 -24.43	60.14 2.50 -23.79	61.26 2.66 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.24 -6.02	64.74 3.78 -9.13	63.76 3.53 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GOWANUS_GT1_6 24111	57.94 2.69 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.45 2.48 -15.30	58.47 2.43 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.30 2.95 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.14 2.55 -23.18	60.13 2.46 -24.43	60.14 2.50 -23.79	61.26 2.66 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.24 -6.02	64.74 3.78 -9.13	63.76 3.53 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GOWANUS_GT1_7 24112	57.94 2.69 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.45 2.48 -15.30	58.47 2.43 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.30 2.95 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.14 2.55 -23.18	60.13 2.46 -24.43	60.14 2.50 -23.79	61.26 2.66 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.24 -6.02	64.74 3.78 -9.13	63.76 3.53 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GOWANUS_GT1_8 24113	57.94 2.69 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.45 2.48 -15.30	58.47 2.43 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.30 2.95 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.14 2.55 -23.18	60.13 2.46 -24.43	60.14 2.50 -23.79	61.26 2.66 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.24 -6.02	64.74 3.78 -9.13	63.76 3.53 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GOWANUS_GT2_1 24114	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GOWANUS_GT2_2 24115	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GOWANUS_GT2_3 24116	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52

GOWANUS_GT2_4 24117	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GOWANUS_GT2_5 24118	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GOWANUS_GT2_6 24119	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GOWANUS_GT2_7 24120	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GOWANUS_GT2_8 24121	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GOWANUS_GT3_1 24122	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GOWANUS_GT3_2 24123	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -1		

GOWANUS_GT4_3 24132	57.94 2.69 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.45 2.48 -15.30	58.47 2.43 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.30 2.95 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.14 2.55 -23.18	60.13 2.46 -24.43	60.14 2.50 -23.79	61.26 2.66 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.24 -6.02	64.74 3.78 -9.13	63.76 3.53 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GOWANUS_GT4_4 24133	57.94 2.69 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.45 2.48 -15.30	58.47 2.43 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.30 2.95 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.14 2.55 -23.18	60.13 2.46 -24.43	60.14 2.50 -23.79	61.26 2.66 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.24 -6.02	64.74 3.78 -9.13	63.76 3.53 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GOWANUS_GT4_5 24134	57.94 2.69 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.45 2.48 -15.30	58.47 2.43 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.30 2.95 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.14 2.55 -23.18	60.13 2.46 -24.43	60.14 2.50 -23.79	61.26 2.66 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.24 -6.02	64.74 3.78 -9.13	63.76 3.53 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GOWANUS_GT4_6 24135	57.94 2.69 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.45 2.48 -15.30	58.47 2.43 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.30 2.95 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.14 2.55 -23.18	60.13 2.46 -24.43	60.14 2.50 -23.79	61.26 2.66 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.24 -6.02	64.74 3.78 -9.13	63.76 3.53 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GOWANUS_GT4_7 24136	57.94 2.69 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.45 2.48 -15.30	58.47 2.43 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.30 2.95 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.14 2.55 -23.18	60.13 2.46 -24.43	60.14 2.50 -23.79	61.26 2.66 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.24 -6.02	64.74 3.78 -9.13	63.76 3.53 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GOWANUS_GT4_8 24137	57.94 2.69 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.45 2.48 -15.30	58.47 2.43 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.30 2.95 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.14 2.55 -23.18	60.13 2.46 -24.43	60.14 2.50 -23.79	61.26 2.66 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.24 -6.02	64.74 3.78 -9.13	63.76 3.53 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GREENBSH_115KV_TB3 55895	51.97 1.92 -4.43	45.36 1.87 0.00	42.57 1.79 0.00	42.25 1.78 0.00	42.50 1.83 0.00	45.30 1.87 0.00	62.27 2.02 -12.14	50.60 2.13 0.00	45.22 1.86 0.00	39.90 1.61 0.00	38.68 1.49 0.00	37.87 1.53 0.00	35.86 1.45 0.00	34.67 1.43 0.00	35.30 1.46 0.00	39.04 1.61 0.00	44.18 1.96 -0.51	63.61 2.31 -11.02	77.68 2.68 -12.66	68.35 2.55 -7.76	65.60 2.23 -11.55	60.27 2.19 -8.29	54.34 1.97 -6.62	46.81 1.97 -0.04
GREENDGE_115KV_TB5 80291	45.19 -0.68 -0.25	42.79 -0.70 0.00	39.96 -0.82 0.00	39.66 -0.81 0.00	39.78 -0.89 0.00	42.57 -0.87 0.00	47.98 -0.82 -0.69	47.21 -1.26 0.00	42.27 -1.08 0.00	37.37 -0.92 0.00	36.37 -0.82 0.00	35.40 -0.95 0.00	33.28 -1.14 0.00	32.04 -1.20 0.00	32.62 -1.22 0.00	36.34 -1.09 0.00	40.32 -1.42 -0.03	49.75 -1.16 -0.62	61.49 -1.56 -0.72	57.32 -1.16 -0.44	51.49 -0.98 -0.65	49.16 -1.10 -0.47	45.21 -0.92 -0.37	44.08 -0.72 0.00
GREENIDGE___3 23582	45.19 -0.68 -0.25	42.79 -0.70 0.00	39.96 -0.82 0.00	39.66 -0.81 0.00	39.78 -0.89 0.00	42.57 -0.87 0.00	47.98 -0.82 -0.69	47.21 -1.26 0.00	42.27 -1.08 0.00	37.37 -0.92 0.00	36.37 -0.82 0.00	35.40 -0.95 0.00	33.28 -1.14 0.00	32.04 -1.20 0.00	32.62 -1.22 0.00	36.34 -1.09 0.00	40.32 -1.42 -0.03	49.75 -1.16 -0.62	61.49 -1.56 -0.72	57.32 -1.16 -0.44	51.49 -0.98 -0.65	49.16 -1.10 -0.47	45.21 -0.92 -0.37	44.08 -0.72 0.00
GREENIDGE___4 23583	45.10 -0.78 -0.25	42.79 -0.70 0.00	39.96 -0.82 0.00	39.66 -0.81 0.00	39.82 -0.86 0.00	42.57 -0.87 0.00	47.98 -0.82 -0.69	47.21 -1.26 0.00	42.27 -1.08 0.00	37.41 -0.88 0.00	36.37 -0.82 0.00	35.40 -0.95 0.00	33.28 -1.13 0.00	32.04 -1.20 0.00	32.63 -1.22 0.00	36.34 -1.09 0.00	40.36 -1.38 -0.03	49.75 -1.15 -0.62	61.49 -1.56 -0.72	57.32 -1.16 -0.44	51.49 -0.99 -0.65	49.16 -1.10 -0.47	45.21 -0.91 -0.37	44.08 -0.72 0.00
GREENLWN_69_KV_BK 3 55738	49.21 2.65 -0.94	45.92 2.44 0.00	43.10 2.32 0.00	42.70 2.23 0.00	43.11 2.44 0.00	46.13 2.69 0.00	57.40 3.18 -6.12	59.27 3.49 -7.31	46.26 2.90 0.00	40.59 2.30 0.00	39.35 2.16 0.00	38.46 2.11 0.00	36.44 2.03 0.00	35.27 2.03 0.00	36.01 2.17 0.00	39.86 2.43 0.00	45.11 3.29 -0.11	56.38 3.77 -2.33	69.13 4.11 -2.68	63.39 3.71 -1.64	57.79 3.52 -2.44	55.17 3.63 -1.75	50.49 3.34 -1.40	47.94 3.14 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	57.94 2.69 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.45 2.48 -15.30	58.47 2.43 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.30 2.95 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.14 2.55 -23.18	60.13 2.46 -24.43	60.14 2.50 -23.79	61.26 2.66 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.24 -6.02	64.74 3.78 -9.13	63.76 3.53 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
GRISSOM___SOLAR 323813	58.25 3.15 -9.48	46.40 2.91 0.00	43.43 2.65 0.00	42.98 2.51 0.00	43.24 2.56 0.00	46.26 2.82 0.00	77.33 3.22 -26.00	51.57 3.10 0.00	45.61 2.25 0.00	40.09 1.80 0.00	38.71 1.53 0.00	37.73 1.38 0.00	35.58 1.17 0.00	34.43 1.19 0.00	35.06 1.22 0.00	38.96 1.54 0.00	45.22 2.42 -1.10	77.24 3.37 -23.59	93.75 4.30 -27.12	78.65 4.00 -16.61	80.17 3.63 -24.73	71.07 3.54 -17.75	63.26 3.34 -14.18	48.11 3.23 -0.09
GROVEVILLE___HYD 323602	48.91 2.33 -0.96	45.71 2.22 0.00	42.94 2.16 0.00	42.58 2.10 0.00	42.87 2.20 0.00	45.65 2.22 0.00	53.33 2.60 -2.63	51.28 2.81 0.00	45.83 2.47 0.00	40.32 2.03 0.00	39.16 1.97 0.00	38.31 1.96 0.00	36.31 1.89 0.00	35.10 1.86 0.00	35.74 1.90 0.00	39.49 2.06 0.00	44.40 2.59 -0.11	55.98 3.32 -2.38	69.06 3.99 -2.74	63.37 3.66 -1.68	57.58 3.26 -2.50	54.71 3.14 -1.79	49.88 2.70 -1.43	47.31 2.51 -0.01
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	45.12 -0.50 0.00	43.01 -0.48 0.00	40.29 -0.49 0.00	40.03 -0.45 0.00	40.18 -0.49 0.00	42.91 -0.52 0.00	47.53 -0.58 0.00	47.79 -0.68 0.00	42.79 -0.56 0.00	37.95 -0.34 0.00	36.89 -0.30 0.00	35.98 -0.36 0.00	33.93 -0.48 0.00	32.77 -0.47 0.00	33.37 -0.47 0.00	37.02 -0.41 0.00	41.00 -0.71 0.00	49.47 -0.80 0.00	61.46 -0.87 0.00	57.11 -0.93 0.00	50.99 -0.83 0.00	48.94 -0.85 0.00	44.97 -0.78 0.00	44.08 -0.72 0.00

HAMLTNNY_34_KV_TB 80303	45.12 -0.50 0.00	43.01 -0.48 0.00	40.33 -0.45 0.00	40.07 -0.40 0.00	40.22 -0.45 0.00	42.96 -0.48 0.00	47.63 -0.48 0.00	47.84 -0.63 0.00	42.83 -0.52 0.00	37.99 -0.31 0.00	36.93 -0.26 0.00	36.02 -0.33 0.00	33.93 -0.48 0.00	32.74 -0.50 0.00	33.37 -0.47 0.00	37.05 -0.37 0.00	41.00 -0.71 0.00	49.52 -0.75 0.00	61.52 -0.81 0.00	57.17 -0.87 0.00	51.05 -0.78 0.00	48.99 -0.80 0.00	44.97 -0.78 0.00	44.12 -0.67 0.00
HAMPSHIRE___PAPER_HYD 323593	45.53 -0.09 0.00	43.32 -0.17 0.00	40.66 -0.12 0.00	40.31 -0.16 0.00	40.55 -0.12 0.00	43.00 -0.43 0.00	47.53 -0.58 0.00	48.03 -0.44 0.00	42.79 -0.56 0.00	37.53 -0.77 0.00	36.44 -0.74 0.00	35.40 -0.95 0.00	33.59 -0.83 0.00	32.41 -0.83 0.00	33.03 -0.81 0.00	36.49 -0.93 0.00	40.83 -0.88 0.00	49.57 -0.70 0.00	62.33 0.00 0.00	58.10 0.06 0.00	52.03 0.21 0.00	50.18 0.40 0.00	46.16 0.41 0.00	45.06 0.27 0.00
HARDSCRABBLE_WT_PWR 323673	45.85 0.23 0.00	43.75 0.26 0.00	41.06 0.29 0.00	40.80 0.32 0.00	40.96 0.29 0.00	43.70 0.26 0.00	48.40 0.29 0.00	48.76 0.29 0.00	43.49 0.13 0.00	38.33 0.04 0.00	37.19 0.00 0.00	36.27 -0.07 0.00	34.31 -0.10 0.00	33.14 -0.10 0.00	33.77 -0.07 0.00	37.35 -0.07 0.00	41.66 -0.04 0.00	50.33 0.05 0.00	62.40 0.06 0.00	58.21 0.17 0.00	51.98 0.16 0.00	49.98 0.20 0.00	45.93 0.18 0.00	45.02 0.23 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	48.26 1.78 -0.86	45.18 1.70 0.00	42.41 1.63 0.00	42.09 1.62 0.00	42.38 1.71 0.00	45.17 1.74 0.00	52.49 2.02 -2.36	50.70 2.23 0.00	45.31 1.95 0.00	39.98 1.68 0.00	38.79 1.60 0.00	37.95 1.60 0.00	35.96 1.55 0.00	34.77 1.53 0.00	35.40 1.56 0.00	39.11 1.68 0.00	43.93 2.13 -0.10	55.14 2.72 -2.14	68.04 3.24 -2.47	62.51 2.96 -1.51	56.71 2.64 -2.25	53.89 2.49 -1.61	49.19 2.15 -1.29	46.77 1.97 -0.01
HARSNRAD_115KV_TB1 81005	42.07 -3.56 0.00	40.10 -3.39 0.00	37.35 -3.43 0.00	36.95 -3.52 0.00	37.21 -3.46 0.00	39.92 -3.52 0.00	44.31 -3.80 0.00	43.52 -4.94 0.00	39.45 -3.90 0.00	35.08 -3.22 0.00	34.29 -2.90 0.00	33.33 -3.02 0.00	31.35 -3.06 0.00	30.15 -3.09 0.00	30.66 -3.18 0.00	34.21 -3.22 0.00	37.41 -4.30 0.00	45.20 -5.08 0.00	55.98 -6.36 0.00	51.83 -6.21 0.00	46.49 -5.34 0.00	44.61 -5.18 0.00	41.59 -4.16 0.00	41.26 -3.54 0.00
HARZA MOOSE___RIVER 24016	46.54 0.91 0.00	44.27 0.78 0.00	41.55 0.77 0.00	41.24 0.77 0.00	41.49 0.81 0.00	44.13 0.69 0.00	48.83 0.72 0.00	49.34 0.87 0.00	43.96 0.61 0.00	38.64 0.34 0.00	37.52 0.33 0.00	36.35 0.00 0.00	34.38 -0.03 0.00	33.17 -0.07 0.00	33.84 0.00 0.00	37.46 0.04 0.00	41.83 0.13 0.00	50.83 0.55 0.00	63.70 1.37 0.00	59.32 1.28 0.00	53.07 1.24 0.00	51.13 1.34 0.00	46.89 1.14 0.00	45.82 1.03 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	44.76 -0.87 0.00	42.66 -0.83 0.00	39.96 -0.82 0.00	39.70 -0.77 0.00	39.90 -0.77 0.00	42.57 -0.87 0.00	47.15 -0.96 0.00	47.35 -1.11 0.00	42.44 -0.91 0.00	37.64 -0.65 0.00	36.59 -0.60 0.00	35.73 -0.62 0.00	33.69 -0.72 0.00	32.54 -0.70 0.00	33.13 -0.71 0.00	36.75 -0.67 0.00	40.66 -1.04 0.00	49.02 -1.26 0.00	60.84 -1.50 0.00	56.59 -1.45 0.00	50.53 -1.30 0.00	48.49 -1.29 0.00	44.56 -1.19 0.00	43.67 -1.12 0.00
HELLGATE_13_KV_LD 55870	48.93 2.37 -0.94	45.71 2.22 0.00	42.94 2.16 0.00	42.66 2.19 0.00	42.87 2.20 0.00	45.48 2.04 0.00	53.04 2.36 -2.57	51.23 2.76 0.00	45.96 2.60 0.00	40.71 2.41 0.00	39.53 2.34 0.00	38.64 2.29 0.00	36.69 2.27 0.00	36.32 2.19 -0.89	36.08 2.23 0.00	39.78 2.36 0.00	44.69 2.88 -0.11	55.98 3.37 -2.33	68.88 3.86 -2.68	63.39 3.71 -1.64	57.58 3.32 -2.44	54.67 3.14 -1.75	49.90 2.75 -1.40	47.49 2.69 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	48.93 2.37 -0.94	45.71 2.22 0.00	42.94 2.16 0.00	42.66 2.19 0.00	42.87 2.20 0.00	45.48 2.04 0.00	53.04 2.36 -2.57	51.23 2.76 0.00	45.96 2.60 0.00	40.71 2.41 0.00	39.53 2.34 0.00	38.64 2.29 0.00	36.69 2.27 0.00	36.32 2.19 -0.89	36.08 2.23 0.00	39.78 2.36 0.00	44.69 2.88 -0.11	55.98 3.37 -2.33	68.88 3.86 -2.68	63.39 3.71 -1.64	57.58 3.32 -2.44	54.67 3.14 -1.75	49.90 2.75 -1.40	47.49 2.69 -0.01
HEMPSTEAD____ 23647	49.16 2.60 -0.94	45.79 2.30 0.00	43.02 2.24 0.00	42.62 2.14 0.00	43.03 2.36 0.00	46.04 2.61 0.00	57.26 3.03 -6.12	59.12 3.34 -7.31	46.13 2.78 0.00	40.51 2.22 0.00	39.31 2.12 0.00	38.34 2.00 0.00	36.41 2.00 0.00	35.20 1.96 0.00	35.91 2.06 0.00	39.79 2.36 0.00	44.94 3.13 -0.11	56.38 3.77 -2.33	69.44 4.43 -2.68	63.68 4.00 -1.64	57.89 3.63 -2.44	55.12 3.59 -1.75	50.31 3.15 -1.41	47.76 2.96 -0.01
HEWLETT_69_KV_BK3 55828	49.43 2.87 -0.94	46.14 2.65 0.00	43.31 2.53 0.00	42.94 2.47 0.00	43.28 2.60 0.00	46.26 2.82 0.00	57.54 3.32 -6.12	59.37 3.59 -7.31	46.39 3.03 0.00	40.78 2.49 0.00	39.53 2.34 0.00	38.60 2.25 0.00	36.65 2.24 0.00	35.43 2.19 0.00	36.14 2.30 0.00	40.05 2.62 0.00	45.23 3.42 -0.11	56.73 4.12 -2.33	69.87 4.86 -2.68	64.15 4.47 -1.64	58.31 4.04 -2.44	55.52 3.98 -1.75	50.67 3.52 -1.40	48.12 3.31 -0.01
HICKLING___1 23621	44.98 -0.96 -0.31	42.58 -0.91 0.00	39.76 -1.02 0.00	39.42 -1.05 0.00	39.57 -1.10 0.00	42.35 -1.09 0.00	47.86 -1.11 -0.86	46.77 -1.70 0.00	41.92 -1.43 0.00	37.14 -1.15 0.00	36.18 -1.00 0.00	35.26 -1.09 0.00	33.11 -1.31 0.00	31.88 -1.36 0.00	32.42 -1.42 0.00	36.08 -1.35 0.00	39.99 -1.75 -0.04	49.55 -1.51 -0.78	61.42 -1.81 -0.89	56.79 -1.80 -0.55	51.13 -1.50 -0.81	48.83 -1.54 -0.58	44.98 -1.24 -0.47	43.90 -0.90 0.00
HICKLING___2 23622	44.98 -0.96 -0.31	42.58 -0.91 0.00	39.76 -1.02 0.00	39.42 -1.05 0.00	39.57 -1.10 0.00	42.35 -1.09 0.00	47.86 -1.11 -0.86	46.77 -1.70 0.00	41.92 -1.43 0.00	37.14 -1.15 0.00	36.18 -1.00 0.00	35.26 -1.09 0.00	33.11 -1.31 0.00	31.88 -1.36 0.00	32.42 -1.42 0.00	36.08 -1.35 0.00	39.99 -1.75 -0.04	49.55 -1.51 -0.78	61.42 -1.81 -0.89	56.79 -1.80 -0.55	51.13 -1.50 -0.81	48.83 -1.54 -0.58	44.98 -1.24 -0.47	43.90 -0.90 0.00
HIGH FALLS___HY 23754	48.89 2.01 -1.26	45.32 1.83 0.00	42.57 1.79 0.00	42.25 1.78 0.00	42.54 1.87 0.00	45.35 1.91 0.00	53.87 2.31 -3.45	50.99 2.52 0.00	45.57 2.21 0.00	40.06 1.76 0.00	38.82 1.64 0.00	38.02 1.67 0.00	36.03 1.62 0.00	34.83 1.60 0.00	35.47 1.62 0.00	39.19 1.76 0.00	44.14 2.29 -0.15	56.48 3.07 -3.13	69.73 3.80 -3.60	63.78 3.54 -2.20	58.21 3.11 -3.28	55.13 2.99 -2.36	50.15 2.52 -1.88	47.00 2.19 -0.01
HIGH_RIVER___SOLAR 323847	57.78 2.14 -10.01	45.49 2.00 0.00	42.65 1.88 0.00	42.25 1.78 0.00	42.50 1.83 0.00	45.43 2.00 0.00	77.79 2.21 -27.46	50.60 2.13 0.00	44.96 1.61 0.00	39.48 1.19 0.00	38.15 0.97 0.00	37.18 0.84 0.00	35.21 0.79 0.00	34.04 0.80 0.00	34.69 0.85 0.00	38.51 1.09 0.00	44.66 1.79 -1.16	77.61 2.41 -24.92	93.97 2.99 -28.64	78.37 2.79 -17.54	80.48 2.54 -26.12	70.97 2.44 -18.75	62.96 2.24 -14.97	47.08 2.19 -0.09

HILLBURN___GT 23639	48.19 1.69 -0.87	45.05 1.56 0.00	42.33 1.55 0.00	42.01 1.54 0.00	42.26 1.58 0.00	45.08 1.65 0.00	52.38 1.87 -2.40	50.60 2.13 0.00	45.26 1.91 0.00	39.98 1.68 0.00	38.82 1.63 0.00	37.94 1.60 0.00	36.00 1.58 0.00	34.80 1.56 0.00	35.43 1.59 0.00	39.11 1.69 0.00	43.85 2.04 -0.10	55.07 2.61 -2.17	67.89 3.05 -2.50	62.35 2.79 -1.53	56.59 2.49 -2.28	53.81 2.39 -1.64	49.07 2.01 -1.31	46.68 1.88 -0.01
HILLSIDE_115KV_TB1 80332	44.49 -1.46 -0.32	42.14 -1.35 0.00	39.39 -1.39 0.00	39.06 -1.42 0.00	39.25 -1.42 0.00	41.96 -1.48 0.00	47.45 -1.54 -0.88	46.34 -2.13 0.00	41.58 -1.78 0.00	36.88 -1.42 0.00	35.92 -1.26 0.00	35.00 -1.34 0.00	32.93 -1.48 0.00	31.71 -1.53 0.00	32.29 -1.56 0.00	35.85 -1.57 0.00	39.70 -2.04 -0.04	49.07 -2.01 -0.80	60.76 -2.49 -0.92	56.11 -2.50 -0.56	50.59 -2.07 -0.84	48.30 -2.09 -0.60	44.49 -1.74 -0.48	43.36 -1.43 0.00
HISHELDN_WT_PWR 323625	42.48 -3.38 -0.24	40.23 -3.26 0.00	37.39 -3.38 0.00	37.03 -3.44 0.00	37.34 -3.33 0.00	40.09 -3.34 0.00	45.15 -3.61 -0.65	43.86 -4.61 0.00	39.41 -3.94 0.00	34.92 -3.37 0.00	34.06 -3.12 0.00	33.18 -3.16 0.00	31.18 -3.24 0.00	29.92 -3.32 0.00	30.39 -3.45 0.00	33.87 -3.56 0.00	37.39 -4.34 -0.03	46.09 -4.78 -0.59	57.21 -5.80 -0.67	52.88 -5.57 -0.41	47.72 -4.72 -0.61	45.74 -4.48 -0.44	42.44 -3.66 -0.35	41.66 -3.14 0.00
HOLTSVILLE_IC_1 23690	49.21 2.65 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.58 2.10 0.00	43.19 2.52 0.00	46.52 3.08 0.00	57.78 3.56 -6.12	59.66 3.88 -7.31	46.17 2.82 0.00	40.44 2.14 0.00	39.12 1.93 0.00	38.13 1.78 0.00	36.17 1.75 0.00	34.97 1.73 0.00	35.77 1.93 0.00	39.67 2.25 0.00	45.07 3.26 -0.11	56.53 3.92 -2.33	69.75 4.74 -2.68	63.91 4.23 -1.64	58.05 3.78 -2.44	55.42 3.89 -1.75	50.49 3.34 -1.41	47.94 3.13 -0.01
HOLTSVILLE_IC_10 23699	49.39 2.83 -0.94	46.01 2.52 0.00	43.14 2.36 0.00	42.74 2.27 0.00	43.36 2.68 0.00	46.69 3.26 0.00	57.98 3.75 -6.12	59.85 4.07 -7.31	46.34 2.99 0.00	40.55 2.26 0.00	39.27 2.08 0.00	38.27 1.93 0.00	36.31 1.89 0.00	35.10 1.86 0.00	35.91 2.06 0.00	39.82 2.40 0.00	45.32 3.50 -0.11	56.83 4.22 -2.33	70.13 5.11 -2.68	64.26 4.58 -1.64	58.36 4.09 -2.44	55.72 4.18 -1.75	50.73 3.57 -1.41	48.16 3.36 -0.01
HOLTSVILLE_IC_2 23691	49.21 2.65 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.58 2.10 0.00	43.19 2.52 0.00	46.52 3.08 0.00	57.78 3.56 -6.12	59.66 3.88 -7.31	46.17 2.82 0.00	40.44 2.14 0.00	39.12 1.93 0.00	38.13 1.78 0.00	36.17 1.75 0.00	34.97 1.73 0.00	35.77 1.93 0.00	39.67 2.25 0.00	45.07 3.26 -0.11	56.53 3.92 -2.33	69.75 4.74 -2.68	63.91 4.23 -1.64	58.05 3.78 -2.44	55.42 3.89 -1.75	50.49 3.34 -1.41	47.94 3.13 -0.01
HOLTSVILLE_IC_3 23692	49.21 2.65 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.58 2.10 0.00	43.19 2.52 0.00	46.52 3.08 0.00	57.78 3.56 -6.12	59.66 3.88 -7.31	46.17 2.82 0.00	40.44 2.14 0.00	39.12 1.93 0.00	38.13 1.78 0.00	36.17 1.75 0.00	34.97 1.73 0.00	35.77 1.93 0.00	39.67 2.25 0.00	45.07 3.26 -0.11	56.53 3.92 -2.33	69.75 4.74 -2.68	63.91 4.23 -1.64	58.05 3.78 -2.44	55.42 3.89 -1.75	50.49 3.34 -1.41	47.94 3.13 -0.01
HOLTSVILLE_IC_4 23693	49.21 2.65 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.58 2.10 0.00	43.19 2.52 0.00	46.52 3.08 0.00	57.78 3.56 -6.12	59.66 3.88 -7.31	46.17 2.82 0.00	40.44 2.14 0.00	39.12 1.93 0.00	38.13 1.78 0.00	36.17 1.75 0.00	34.97 1.73 0.00	35.77 1.93 0.00	39.67 2.25 0.00	45.07 3.26 -0.11	56.53 3.92 -2.33	69.75 4.74 -2.68	63.91 4.23 -1.64	58.05 3.78 -2.44	55.42 3.89 -1.75	50.49 3.34 -1.41	47.94 3.13 -0.01
HOLTSVILLE_IC_5 23694	49.21 2.65 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.58 2.10 0.00	43.19 2.52 0.00	46.52 3.08 0.00	57.78 3.56 -6.12	59.66 3.88 -7.31	46.17 2.82 0.00	40.44 2.14 0.00	39.12 1.93 0.00	38.13 1.78 0.00	36.17 1.75 0.00	34.97 1.73 0.00	35.77 1.93 0.00	39.67 2.25 0.00	45.07 3.26 -0.11	56.53 3.92 -2.33	69.75 4.74 -2.68	63.91 4.23 -1.64	58.05 3.78 -2.44	55.42 3.89 -1.75	50.49 3.34 -1.41	47.94 3.13 -0.01
HOLTSVILLE_IC_6 23695	49.39 2.83 -0.94	46.01 2.52 0.00	43.14 2.36 0.00	42.74 2.27 0.00	43.36 2.68 0.00	46.69 3.26 0.00	57.98 3.75 -6.12	59.85 4.07 -7.31	46.34 2.99 0.00	40.55 2.26 0.00	39.27 2.08 0.00	38.27 1.93 0.00	36.31 1.89 0.00	35.10 1.86 0.00	35.91 2.06 0.00	39.82 2.40 0.00	45.32 3.50 -0.11	56.83 4.22 -2.33	70.13 5.11 -2.68	64.26 4.58 -1.64	58.36 4.09 -2.44	55.72 4.18 -1.75	50.73 3.57 -1.41	48.16 3.36 -0.01
HOLTSVILLE_IC_7 23696	49.39 2.83 -0.94	46.01 2.52 0.00	43.14 2.36 0.00	42.74 2.27 0.00	43.36 2.68 0.00	46.69 3.26 0.00	57.98 3.75 -6.12	59.85 4.07 -7.31	46.34 2.99 0.00	40.55 2.26 0.00	39.27 2.08 0.00	38.27 1.93 0.00	36.31 1.89 0.00	35.10 1.86 0.00	35.91 2.06 0.00	39.82 2.40 0.00	45.32 3.50 -0.11	56.83 4.22 -2.33	70.13 5.11 -2.68	64.26 4.58 -1.64	58.36 4.09 -2.44	55.72 4.18 -1.75	50.73 3.57 -1.41	48.16 3.36 -0.01
HOLTSVILLE_IC_8 23697	49.39 2.83 -0.94	46.01 2.52 0.00	43.14 2.36 0.00	42.74 2.27 0.00	43.36 2.68 0.00	46.69 3.26 0.00	57.98 3.75 -6.12	59.85 4.07 -7.31	46.34 2.99 0.00	40.55 2.26 0.00	39.27 2.08 0.00	38.27 1.93 0.00	36.31 1.89 0.00	35.10 1.86 0.00	35.91 2.06 0.00	39.82 2.40 0.00	45.32 3.50 -0.11	56.83 4.22 -2.33	70.13 5.11 -2.68	64.26 4.58 -1.64	58.36 4.09 -2.44	55.72 4.18 -1.75	50.73 3.57 -1.41	48.16 3.36 -0.01
HOLTSVILLE_IC_9 23698	49.39 2.83 -0.94	46.01 2.52 0.00	43.14 2.36 0.00	42.74 2.27 0.00	43.36 2.68 0.00	46.69 3.26 0.00	57.98 3.75 -6.12	59.85 4.07 -7.31	46.34 2.99 0.00	40.55 2.26 0.00	39.27 2.08 0.00	38.27 1.93 0.00	36.31 1.89 0.00	35.10 1.86 0.00	35.91 2.06 0.00	39.82 2.40 0.00	45.32 3.50 -0.11	56.83 4.22 -2.33	70.13 5.11 -2.68	64.26 4.58 -1.64	58.36 4.09 -2.44	55.72 4.18 -1.75	50.73 3.57 -1.41	48.16 3.36 -0.01
HOMER_HL_115KV_TB2 355744	43.85 -2.01 -0.24	41.71 -1.78 0.00	38.94 -1.83 0.00	38.53 -1.94 0.00	38.76 -1.91 0.00	41.61 -1.82 0.00	46.73 -2.02 -0.65	45.51 -2.96 0.00	41.14 -2.21 0.00	36.65 -1.65 0.00	35.78 -1.41 0.00	34.75 -1.60 0.00	32.62 -1.79 0.00	31.38 -1.86 0.00	31.88 -1.96 0.00	35.52 -1.91 0.00	38.94 -2.79 -0.03	48.05 -2.82 -0.59	59.39 -3.62 -0.67	54.74 -3.71 -0.41	49.43 -3.01 -0.61	47.14 -3.09 -0.44	43.72 -2.38 -0.35	42.96 -1.84 0.00
HOWARD_WT_PWR 323690	44.06 -1.83 -0.26	41.66 -1.82 0.00	38.49 -2.28 0.00	37.88 -2.59 0.00	37.87 -2.81 0.00	40.44 -3.00 0.00	45.76 -3.08 -0.73	44.64 -3.83 0.00	39.89 -3.47 0.00	35.23 -3.06 0.00	34.55 -2.64 0.00	33.58 -2.76 0.00	31.49 -2.93 0.00	30.18 -3.06 0.00	30.73 -3.11 0.00	34.28 -3.14 0.00	38.19 -3.55 -0.03	47.57 -3.37 -0.66	59.23 -3.86 -0.76	54.85 -3.65 -0.46	49.51 -3.01 -0.69	47.29 -2.99 -0.50	43.72 -2.43 -0.40	42.83 -1.97 0.00

HQ_GEN_CEDARS 23644	45.40 -0.23 0.00	43.27 -0.22 0.00	40.53 -0.24 0.00	40.23 -0.24 0.00	40.47 -0.20 0.00	43.13 -0.30 0.00	47.72 -0.38 0.00	48.13 -0.34 0.00	43.01 -0.35 0.00	37.83 -0.46 0.00	36.74 -0.45 0.00	35.91 -0.44 0.00	34.17 -0.24 0.00	33.01 -0.23 0.00	33.57 -0.27 0.00	37.05 -0.37 0.00	41.45 -0.25 0.00	49.98 -0.30 0.00	62.46 0.12 0.00	58.15 0.12 0.00	51.98 0.16 0.00	49.98 0.20 0.00	46.12 0.37 0.00	45.06 0.27 0.00
HQ_GEN_CEDARS_PROXY 323590	45.40 -0.23 0.00	43.27 -0.22 0.00	40.53 -0.24 0.00	40.23 -0.24 0.00	40.43 -0.24 0.00	43.09 -0.35 0.00	47.72 -0.39 0.00	48.13 -0.34 0.00	43.01 -0.35 0.00	37.84 -0.46 0.00	36.74 -0.44 0.00	35.95 -0.40 0.00	34.17 -0.24 0.00	33.01 -0.23 0.00	33.57 -0.27 0.00	37.05 -0.37 0.00	41.46 -0.25 0.00	52.11 -0.30 -2.13	60.33 0.12 2.13	58.15 0.12 0.00	51.98 0.16 0.00	49.98 0.20 0.00	46.11 0.36 0.00	45.06 0.27 0.00
HQ_GEN_IMPORT 323601	45.21 -0.41 0.00	43.10 -0.39 0.00	40.37 -0.41 0.00	40.07 -0.40 0.00	40.23 -0.45 0.00	43.00 -0.43 0.00	47.68 -0.43 0.00	48.03 -0.44 0.00	42.96 -0.39 0.00	37.87 -0.42 0.00	36.78 -0.41 0.00	35.98 -0.36 0.00	34.10 -0.31 0.00	32.94 -0.30 0.00	33.54 -0.31 0.00	37.05 -0.37 0.00	41.37 -0.34 0.00	52.00 -0.40 -2.13	59.83 -0.37 2.13	57.69 -0.35 0.00	51.51 -0.31 0.00	49.49 -0.30 0.00	45.57 -0.18 0.00	44.57 -0.22 0.00
HQ_GEN_WHEEL 23651	45.21 -0.41 0.00	43.10 -0.39 0.00	40.37 -0.41 0.00	40.07 -0.40 0.00	40.23 -0.45 0.00	43.00 -0.43 0.00	47.68 -0.43 0.00	48.03 -0.44 0.00	42.96 -0.39 0.00	37.87 -0.42 0.00	36.78 -0.41 0.00	35.98 -0.36 0.00	34.10 -0.31 0.00	32.94 -0.30 0.00	33.54 -0.31 0.00	37.05 -0.37 0.00	41.37 -0.34 0.00	52.00 -0.40 -2.13	59.83 -0.37 2.13	57.69 -0.35 0.00	51.51 -0.31 0.00	49.49 -0.30 0.00	45.57 -0.18 0.00	44.57 -0.22 0.00
HUDSON_AVE_GT_3 23810	48.75 2.19 -0.94	45.53 2.04 0.00	42.73 1.96 0.00	42.46 1.98 0.00	42.67 1.99 0.00	45.43 2.00 0.00	53.04 2.36 -2.57	51.23 2.76 0.00	45.91 2.56 0.00	40.59 2.30 0.00	39.42 2.23 0.00	38.53 2.18 0.00	36.55 2.13 0.00	35.33 2.09 0.00	35.94 2.10 0.00	39.67 2.25 0.00	44.57 2.75 -0.11	55.98 3.37 -2.33	68.94 3.93 -2.68	63.39 3.71 -1.64	57.58 3.32 -2.44	54.63 3.09 -1.75	49.80 2.65 -1.40	47.27 2.46 -0.01
HUDSON_AVE_GT_4 23540	48.75 2.19 -0.94	45.53 2.04 0.00	42.73 1.96 0.00	42.46 1.98 0.00	42.67 1.99 0.00	45.43 2.00 0.00	53.04 2.36 -2.57	51.23 2.76 0.00	45.91 2.56 0.00	40.59 2.30 0.00	39.42 2.23 0.00	38.53 2.18 0.00	36.55 2.13 0.00	35.33 2.09 0.00	35.94 2.10 0.00	39.67 2.25 0.00	44.57 2.75 -0.11	55.98 3.37 -2.33	68.94 3.93 -2.68	63.39 3.71 -1.64	57.58 3.32 -2.44	54.63 3.09 -1.75	49.80 2.65 -1.40	47.27 2.46 -0.01
HUDSON_AVE_GT_5 23657	48.75 2.19 -0.94	45.53 2.04 0.00	42.73 1.96 0.00	42.46 1.98 0.00	42.67 1.99 0.00	45.43 2.00 0.00	53.04 2.36 -2.57	51.23 2.76 0.00	45.91 2.56 0.00	40.59 2.30 0.00	39.42 2.23 0.00	38.53 2.18 0.00	36.55 2.13 0.00	35.33 2.09 0.00	35.94 2.10 0.00	39.67 2.25 0.00	44.57 2.75 -0.11	55.98 3.37 -2.33	68.94 3.93 -2.68	63.39 3.71 -1.64	57.58 3.32 -2.44	54.63 3.09 -1.75	49.80 2.65 -1.40	47.27 2.46 -0.01
HUDSON_AVE_10 24168	48.61 2.05 -0.94	45.36 1.87 0.00	42.61 1.83 0.00	42.29 1.82 0.00	42.54 1.87 0.00	45.30 1.87 0.00	52.89 2.21 -2.57	51.13 2.67 0.00	45.87 2.51 0.00	40.59 2.30 0.00	39.42 2.23 0.00	38.49 2.14 0.00	36.55 2.13 0.00	35.30 2.06 0.00	35.94 2.10 0.00	39.67 2.25 0.00	44.57 2.75 -0.11	55.93 3.32 -2.33	68.88 3.86 -2.68	63.39 3.71 -1.64	57.53 3.26 -2.44	54.58 3.04 -1.75	49.76 2.61 -1.40	47.18 2.37 -0.01
HUDSON___115KV_TB 4 355613	51.79 2.46 -3.70	46.23 2.74 0.00	43.39 2.61 0.00	43.02 2.55 0.00	43.28 2.60 0.00	46.17 2.74 0.00	60.96 2.69 -10.16	51.47 3.01 0.00	45.78 2.43 0.00	40.25 1.95 0.00	38.94 1.75 0.00	38.09 1.74 0.00	36.07 1.65 0.00	34.87 1.63 0.00	35.50 1.66 0.00	39.34 1.91 0.00	44.39 2.25 -0.43	62.41 2.92 -9.22	76.61 3.68 -10.60	67.95 3.42 -6.49	64.54 3.06 -9.66	59.61 2.89 -6.94	53.90 2.61 -5.54	47.65 2.82 -0.03
HUNTER MOUNT___DRP 323613	51.30 2.46 -3.21	46.58 3.09 0.00	43.67 2.90 0.00	43.31 2.83 0.00	43.60 2.93 0.00	46.52 3.08 0.00	59.66 2.74 -8.81	51.81 3.34 0.00	46.04 2.69 0.00	40.32 2.03 0.00	39.01 1.82 0.00	38.16 1.82 0.00	36.10 1.69 0.00	34.93 1.70 0.00	35.57 1.73 0.00	39.45 2.02 0.00	44.25 2.17 -0.37	61.19 2.92 -7.99	75.33 3.80 -9.19	67.15 3.48 -5.63	63.31 3.11 -8.38	58.74 2.94 -6.02	53.21 2.65 -4.80	47.96 3.14 -0.03
HUNTINGTON_RES_REC 323705	49.34 2.78 -0.94	45.92 2.43 0.00	43.10 2.32 0.00	42.70 2.22 0.00	43.24 2.56 0.00	46.39 2.95 0.00	57.69 3.47 -6.12	59.51 3.73 -7.31	46.30 2.95 0.00	40.59 2.30 0.00	39.31 2.12 0.00	38.34 2.00 0.00	36.37 1.96 0.00	35.20 1.96 0.00	35.94 2.10 0.00	39.86 2.43 0.00	45.23 3.42 -0.11	56.63 4.02 -2.33	69.63 4.61 -2.68	63.80 4.12 -1.64	58.05 3.78 -2.44	55.52 3.98 -1.75	50.63 3.48 -1.41	48.07 3.27 -0.01
HUNTLEY___63 23557	42.43 -3.19 0.00	40.53 -2.96 0.00	37.76 -3.02 0.00	37.36 -3.12 0.00	37.62 -3.05 0.00	40.35 -3.08 0.00	44.74 -3.37 0.00	43.96 -4.51 0.00	39.89 -3.47 0.00	35.54 -2.76 0.00	34.70 -2.49 0.00	33.73 -2.62 0.00	31.73 -2.68 0.00	30.51 -2.73 0.00	31.03 -2.81 0.00	34.62 -2.81 0.00	37.87 -3.84 0.00	45.75 -4.53 0.00	56.66 -5.67 0.00	52.35 -5.69 0.00	47.00 -4.82 0.00	45.10 -4.68 0.00	42.00 -3.75 0.00	41.70 -3.09 0.00
HUNTLEY___64 23558	42.43 -3.19 0.00	40.53 -2.96 0.00	37.76 -3.02 0.00	37.36 -3.12 0.00	37.62 -3.05 0.00	40.35 -3.08 0.00	44.74 -3.37 0.00	43.96 -4.51 0.00	39.89 -3.47 0.00	35.54 -2.76 0.00	34.70 -2.49 0.00	33.73 -2.62 0.00	31.73 -2.68 0.00	30.51 -2.73 0.00	31.03 -2.81 0.00	34.62 -2.81 0.00	37.87 -3.84 0.00	45.75 -4.53 0.00	56.66 -5.67 0.00	52.35 -5.69 0.00	47.00 -4.82 0.00	45.10 -4.68 0.00	42.00 -3.75 0.00	41.70 -3.09 0.00
HUNTLEY___65 23559	42.43 -3.19 0.00	40.53 -2.96 0.00	37.76 -3.02 0.00	37.36 -3.12 0.00	37.62 -3.05 0.00	40.35 -3.08 0.00	44.74 -3.37 0.00	43.96 -4.51 0.00	39.89 -3.47 0.00	35.54 -2.76 0.00	34.70 -2.49 0.00	33.73 -2.62 0.00	31.73 -2.68 0.00	30.51 -2.73 0.00	31.03 -2.81 0.00	34.62 -2.81 0.00	37.87 -3.84 0.00	45.75 -4.53 0.00	56.66 -5.67 0.00	52.35 -5.69 0.00	47.00 -4.82 0.00	45.10 -4.68 0.00	42.00 -3.75 0.00	41.70 -3.09 0.00
HUNTLEY___66 23560	42.43 -3.19 0.00	40.53 -2.96 0.00	37.76 -3.02 0.00	37.36 -3.12 0.00	37.62 -3.05 0.00	40.35 -3.08 0.00	44.74 -3.37 0.00	43.96 -4.51 0.00	39.89 -3.47 0.00	35.54 -2.76 0.00	34.70 -2.49 0.00	33.73 -2.62 0.00	31.73 -2.68 0.00	30.51 -2.73 0.00	31.03 -2.81 0.00	34.62 -2.81 0.00	37.87 -3.84 0.00	45.75 -4.53 0.00	56.66 -5.67 0.00	52.35 -5.69 0.00	47.00 -4.82 0.00	45.10 -4.68 0.00	42.00 -3.75 0.00	41.70 -3.09 0.00

HUNTLEY___67 23561	42.38 -3.24 0.00	40.44 -3.04 0.00	37.68 -3.10 0.00	37.32 -3.16 0.00	37.54 -3.13 0.00	40.26 -3.17 0.00	44.65 -3.46 0.00	43.96 -4.51 0.00	39.84 -3.51 0.00	35.50 -2.80 0.00	34.66 -2.53 0.00	33.73 -2.62 0.00	31.70 -2.72 0.00	30.51 -2.73 0.00	31.00 -2.84 0.00	34.58 -2.84 0.00	37.83 -3.88 0.00	45.70 -4.58 0.00	56.54 -5.80 0.00	52.29 -5.75 0.00	46.90 -4.92 0.00	45.01 -4.78 0.00	41.95 -3.80 0.00	41.61 -3.18 0.00
HUNTLEY___68 23562	42.38 -3.24 0.00	40.44 -3.04 0.00	37.68 -3.10 0.00	37.32 -3.16 0.00	37.54 -3.13 0.00	40.26 -3.17 0.00	44.65 -3.46 0.00	43.96 -4.51 0.00	39.84 -3.51 0.00	35.50 -2.80 0.00	34.66 -2.53 0.00	33.73 -2.62 0.00	31.70 -2.72 0.00	30.51 -2.73 0.00	31.00 -2.84 0.00	34.58 -2.84 0.00	37.83 -3.88 0.00	45.70 -4.58 0.00	56.54 -5.80 0.00	52.29 -5.75 0.00	46.90 -4.92 0.00	45.01 -4.78 0.00	41.95 -3.80 0.00	41.61 -3.18 0.00
HYLAND___LFG 323620	45.48 -0.37 -0.22	43.14 -0.35 0.00	40.12 -0.65 0.00	39.82 -0.65 0.00	40.02 -0.65 0.00	42.83 -0.61 0.00	48.24 -0.48 -0.61	47.11 -1.36 0.00	41.88 -1.47 0.00	36.80 -1.49 0.00	35.63 -1.56 0.00	34.53 -1.82 0.00	32.31 -2.10 0.00	31.04 -2.19 0.00	31.64 -2.20 0.00	35.29 -2.13 0.00	39.23 -2.50 -0.03	48.72 -2.11 -0.55	61.72 -1.25 -0.63	57.56 -0.87 -0.39	51.88 -0.52 -0.58	49.50 -0.70 -0.42	45.62 -0.46 -0.33	44.57 -0.22 0.00
INDECK___CORINTH 23802	58.93 3.88 -9.43	47.10 3.61 0.00	44.08 3.30 0.00	43.71 3.24 0.00	43.97 3.29 0.00	47.00 3.56 0.00	78.08 4.09 -25.88	52.39 3.92 0.00	46.52 3.16 0.00	40.97 2.68 0.00	39.72 2.53 0.00	38.75 2.40 0.00	36.62 2.20 0.00	35.43 2.19 0.00	36.11 2.27 0.00	40.16 2.73 0.00	46.39 3.59 -1.10	78.23 4.47 -23.48	94.82 5.49 -27.00	79.62 5.05 -16.53	81.00 4.56 -24.62	71.69 4.23 -17.67	63.84 3.98 -14.11	48.73 3.85 -0.09
INDECK___ILION 23567	46.13 0.50 0.00	43.97 0.48 0.00	41.27 0.49 0.00	40.96 0.49 0.00	41.12 0.45 0.00	43.91 0.48 0.00	48.64 0.53 0.00	49.05 0.58 0.00	43.79 0.43 0.00	38.64 0.34 0.00	37.49 0.30 0.00	36.60 0.25 0.00	34.65 0.24 0.00	33.44 0.20 0.00	34.08 0.24 0.00	37.69 0.26 0.00	42.04 0.33 0.00	50.78 0.50 0.00	62.96 0.62 0.00	58.62 0.58 0.00	52.34 0.52 0.00	50.33 0.55 0.00	46.21 0.46 0.00	45.29 0.49 0.00
INDECK___OLEAN 23982	43.72 -2.14 -0.24	41.70 -1.78 0.00	38.94 -1.83 0.00	38.53 -1.94 0.00	38.80 -1.87 0.00	41.65 -1.78 0.00	46.74 -2.02 -0.65	45.51 -2.96 0.00	41.15 -2.21 0.00	36.65 -1.65 0.00	35.78 -1.41 0.00	34.75 -1.60 0.00	32.62 -1.79 0.00	31.38 -1.86 0.00	31.88 -1.96 0.00	35.52 -1.91 0.00	39.02 -2.71 -0.03	48.05 -2.81 -0.59	59.39 -3.62 -0.67	54.73 -3.72 -0.41	49.43 -3.01 -0.61	47.14 -3.09 -0.44	43.72 -2.38 -0.35	42.96 -1.84 0.00
INDECK___OSWEGO 23783	44.39 -1.23 0.00	42.32 -1.17 0.00	39.68 -1.10 0.00	39.42 -1.05 0.00	39.61 -1.06 0.00	42.30 -1.13 0.00	46.76 -1.35 0.00	47.02 -1.45 0.00	42.14 -1.21 0.00	37.30 -1.00 0.00	36.26 -0.93 0.00	35.40 -0.95 0.00	33.41 -1.00 0.00	32.27 -0.96 0.00	32.86 -0.98 0.00	36.42 -1.01 0.00	40.29 -1.42 0.00	48.52 -1.76 0.00	60.28 -2.06 0.00	56.06 -1.97 0.00	50.11 -1.71 0.00	48.09 -1.69 0.00	44.19 -1.56 0.00	43.32 -1.48 0.00
INDECK___YERKES 23781	42.30 -3.33 0.00	40.58 -2.91 0.00	37.80 -2.98 0.00	37.40 -3.08 0.00	37.66 -3.01 0.00	40.39 -3.04 0.00	44.79 -3.32 0.00	44.01 -4.46 0.00	39.93 -3.43 0.00	35.58 -2.72 0.00	34.73 -2.46 0.00	33.77 -2.58 0.00	31.73 -2.68 0.00	30.55 -2.69 0.00	31.03 -2.81 0.00	34.66 -2.77 0.00	37.95 -3.75 0.00	45.80 -4.48 0.00	56.72 -5.61 0.00	52.41 -5.63 0.00	47.06 -4.77 0.00	45.16 -4.63 0.00	42.05 -3.70 0.00	41.70 -3.09 0.00
INDIAN POINT_GT_1 24139	48.61 2.05 -0.93	45.45 1.96 0.00	42.69 1.92 0.00	42.38 1.90 0.00	42.58 1.91 0.00	45.39 1.95 0.00	52.93 2.26 -2.56	51.04 2.57 0.00	45.65 2.30 0.00	40.28 1.99 0.00	39.12 1.93 0.00	38.24 1.89 0.00	36.27 1.86 0.00	35.03 1.79 0.00	35.67 1.83 0.00	39.41 1.98 0.00	44.27 2.46 -0.11	55.67 3.07 -2.32	68.56 3.55 -2.67	63.04 3.37 -1.64	57.21 2.95 -2.44	54.37 2.84 -1.75	49.62 2.47 -1.40	47.09 2.28 -0.01
INDIAN POINT_GT_2 23659	48.61 2.05 -0.93	45.45 1.96 0.00	42.69 1.92 0.00	42.38 1.90 0.00	42.58 1.91 0.00	45.39 1.95 0.00	52.93 2.26 -2.56	51.04 2.57 0.00	45.65 2.30 0.00	40.28 1.99 0.00	39.12 1.93 0.00	38.24 1.89 0.00	36.27 1.86 0.00	35.03 1.79 0.00	35.67 1.83 0.00	39.41 1.98 0.00	44.27 2.46 -0.11	55.67 3.07 -2.32	68.56 3.55 -2.67	63.04 3.37 -1.64	57.21 2.95 -2.44	54.37 2.84 -1.75	49.62 2.47 -1.40	47.09 2.28 -0.01
INDIAN POINT_GT_3 24019	48.61 2.05 -0.93	45.45 1.96 0.00	42.69 1.92 0.00	42.38 1.90 0.00	42.58 1.91 0.00	45.39 1.95 0.00	52.93 2.26 -2.56	51.04 2.57 0.00	45.65 2.30 0.00	40.28 1.99 0.00	39.12 1.93 0.00	38.24 1.89 0.00	36.27 1.86 0.00	35.03 1.79 0.00	35.67 1.83 0.00	39.41 1.98 0.00	44.27 2.46 -0.11	55.67 3.07 -2.32	68.56 3.55 -2.67	63.04 3.37 -1.64	57.21 2.95 -2.44	54.37 2.84 -1.75	49.62 2.47 -1.40	47.09 2.28 -0.01
INDIAN POINT___2 23530	48.66 2.10 -0.94	45.40 1.91 0.00	42.65 1.88 0.00	42.34 1.86 0.00	42.58 1.91 0.00	45.43 2.00 0.00	52.94 2.26 -2.57	51.04 2.57 0.00	45.65 2.30 0.00	40.32 2.03 0.00	39.16 1.97 0.00	38.27 1.93 0.00	36.34 1.93 0.00	35.10 1.86 0.00	35.74 1.89 0.00	39.45 2.02 0.00	44.32 2.50 -0.11	55.68 3.07 -2.33	68.56 3.55 -2.68	63.04 3.36 -1.64	57.27 3.00 -2.44	54.37 2.84 -1.75	49.57 2.42 -1.40	47.09 2.28 -0.01
INDIAN POINT___3 23531	48.32 1.78 -0.92	45.18 1.70 0.00	42.41 1.63 0.00	42.13 1.66 0.00	42.34 1.67 0.00	45.13 1.69 0.00	52.61 1.97 -2.52	50.75 2.28 0.00	45.39 2.04 0.00	40.09 1.80 0.00	38.94 1.75 0.00	38.06 1.71 0.00	36.10 1.69 0.00	34.87 1.63 0.00	35.50 1.66 0.00	39.22 1.80 0.00	44.02 2.21 -0.11	55.28 2.72 -2.29	68.15 3.18 -2.63	62.61 2.96 -1.61	56.87 2.64 -2.40	54.00 2.49 -1.72	49.28 2.15 -1.38	46.77 1.97 -0.01
INGHAM_C_115KV_TB7 356103	46.13 0.50 0.00	43.97 0.48 0.00	41.31 0.53 0.00	41.00 0.53 0.00	41.16 0.49 0.00	43.91 0.48 0.00	48.64 0.53 0.00	49.05 0.58 0.00	43.75 0.39 0.00	38.56 0.27 0.00	37.41 0.22 0.00	36.49 0.15 0.00	34.52 0.10 0.00	33.31 0.07 0.00	33.94 0.10 0.00	37.54 0.11 0.00	41.91 0.21 0.00	50.58 0.30 0.00	62.77 0.44 0.00	58.56 0.52 0.00	52.29 0.47 0.00	50.28 0.50 0.00	46.16 0.41 0.00	45.29 0.49 0.00
IP CORINTH___1 23988	58.94 3.88 -9.43	47.05 3.57 0.00	44.08 3.30 0.00	43.71 3.24 0.00	43.93 3.25 0.00	46.95 3.52 0.00	78.08 4.09 -25.88	52.39 3.93 0.00	46.52 3.16 0.00	40.97 2.68 0.00	39.72 2.53 0.00	38.78 2.44 0.00	36.62 2.20 0.00	35.43 2.19 0.00	36.11 2.27 0.00	40.16 2.73 0.00	46.39 3.59 -1.10	78.24 4.47 -23.48	94.82 5.49 -27.00	79.62 5.05 -16.53	81.00 4.56 -24.62	71.69 4.23 -17.67	63.84 3.98 -14.11	48.73 3.85 -0.09

IP___TICONDEROGA 23804	60.88 5.89 -9.37	48.92 5.44 0.00	45.79 5.02 0.00	45.37 4.90 0.00	45.59 4.92 0.00	48.82 5.39 0.00	80.03 6.21 -25.71	54.28 5.82 0.00	47.95 4.60 0.00	42.12 3.83 0.00	40.76 3.57 0.00	39.73 3.38 0.00	37.44 3.03 0.00	36.23 2.99 0.00	36.99 3.15 0.00	41.21 3.78 0.00	47.80 5.00 -1.09	79.99 6.39 -23.33	97.19 8.04 -26.82	81.89 7.43 -16.43	83.01 6.74 -24.45	73.51 6.17 -17.56	65.67 5.90 -14.02	50.61 5.73 -0.09
ISLIP_RES_REC 323679	49.57 3.01 -0.94	46.14 2.65 0.00	43.31 2.53 0.00	42.86 2.39 0.00	43.48 2.80 0.00	46.86 3.43 0.00	58.17 3.95 -6.12	60.05 4.27 -7.31	46.48 3.12 0.00	40.67 2.38 0.00	39.34 2.16 0.00	38.38 2.03 0.00	36.37 1.96 0.00	35.17 1.93 0.00	36.01 2.17 0.00	39.93 2.51 0.00	45.44 3.63 -0.11	57.03 4.43 -2.33	70.43 5.42 -2.68	64.55 4.88 -1.64	58.56 4.30 -2.44	55.92 4.38 -1.75	50.95 3.80 -1.41	48.34 3.54 -0.01
JAMAICA__27_KV_LOAD 355505	48.75 2.19 -0.94	45.49 2.00 0.00	42.65 1.88 0.00	42.38 1.90 0.00	42.58 1.91 0.00	45.48 2.04 0.00	53.13 2.45 -2.57	51.57 3.10 0.00	46.35 2.99 0.00	41.05 2.76 0.00	39.83 2.64 0.00	38.93 2.58 0.00	36.93 2.51 0.00	35.70 2.46 0.00	36.31 2.47 0.00	40.12 2.69 0.00	45.07 3.25 -0.12	56.48 3.87 -2.33	69.63 4.61 -2.68	64.09 4.41 -1.64	58.15 3.89 -2.44	55.02 3.48 -1.75	50.12 2.97 -1.40	47.40 2.60 -0.01
JANIS___SOLAR 323808	47.65 1.55 -0.48	44.97 1.48 0.00	42.16 1.39 0.00	41.85 1.38 0.00	42.01 1.34 0.00	44.91 1.48 0.00	51.10 1.68 -1.31	49.97 1.50 0.00	44.48 1.13 0.00	39.13 0.84 0.00	37.89 0.70 0.00	36.78 0.44 0.00	34.55 0.14 0.00	33.31 0.07 0.00	34.01 0.17 0.00	37.99 0.56 0.00	42.47 0.71 -0.06	53.07 1.61 -1.19	66.25 2.56 -1.36	61.13 2.26 -0.83	55.08 2.02 -1.24	52.62 1.94 -0.89	48.11 1.64 -0.71	46.46 1.66 0.00
JARVIS____ 23743	46.13 0.50 0.00	43.97 0.48 0.00	41.27 0.49 0.00	40.92 0.45 0.00	41.12 0.45 0.00	43.91 0.48 0.00	48.59 0.48 0.00	49.00 0.53 0.00	43.83 0.48 0.00	38.68 0.38 0.00	37.56 0.37 0.00	36.71 0.36 0.00	34.76 0.34 0.00	33.57 0.33 0.00	34.18 0.34 0.00	37.76 0.34 0.00	42.16 0.46 0.00	50.83 0.55 0.00	63.02 0.69 0.00	58.68 0.64 0.00	52.39 0.57 0.00	50.33 0.55 0.00	46.25 0.50 0.00	45.24 0.45 0.00
JENNISON___1 23625	48.35 1.96 -0.76	45.32 1.83 0.00	42.49 1.71 0.00	42.13 1.66 0.00	42.34 1.67 0.00	45.26 1.82 0.00	52.26 2.07 -2.08	50.50 2.04 0.00	45.05 1.69 0.00	39.63 1.34 0.00	38.49 1.30 0.00	37.44 1.09 0.00	35.21 0.79 0.00	33.97 0.73 0.00	34.69 0.85 0.00	38.59 1.16 0.00	43.09 1.29 -0.09	54.38 2.21 -1.89	67.62 3.12 -2.17	62.10 2.73 -1.33	56.24 2.44 -1.98	53.55 2.34 -1.42	48.90 2.01 -1.14	46.82 2.02 -0.01
JENNISON___2 23626	48.35 1.96 -0.76	45.32 1.83 0.00	42.49 1.71 0.00	42.13 1.66 0.00	42.34 1.67 0.00	45.26 1.82 0.00	52.26 2.07 -2.08	50.50 2.04 0.00	45.05 1.69 0.00	39.63 1.34 0.00	38.49 1.30 0.00	37.44 1.09 0.00	35.21 0.79 0.00	33.97 0.73 0.00	34.69 0.85 0.00	38.59 1.16 0.00	43.09 1.29 -0.09	54.38 2.21 -1.89	67.62 3.12 -2.17	62.10 2.73 -1.33	56.24 2.44 -1.98	53.55 2.34 -1.42	48.90 2.01 -1.14	46.82 2.02 -0.01
JERICHO_RISE_WT_PWR 323719	43.98 -1.64 0.00	41.92 -1.56 0.00	39.27 -1.51 0.00	38.98 -1.50 0.00	39.17 -1.50 0.00	41.78 -1.65 0.00	46.33 -1.78 0.00	46.73 -1.74 0.00	41.66 -1.69 0.00	36.65 -1.65 0.00	35.63 -1.56 0.00	34.86 -1.49 0.00	33.11 -1.31 0.00	31.98 -1.26 0.00	32.52 -1.32 0.00	35.89 -1.54 0.00	40.24 -1.46 0.00	48.47 -1.81 0.00	60.47 -1.87 0.00	56.35 -1.68 0.00	50.32 -1.50 0.00	48.34 -1.45 0.00	44.61 -1.14 0.00	43.63 -1.16 0.00
KATONAH___115KV_46KV_TB4 355592	48.95 2.37 -0.95	45.75 2.26 0.00	42.98 2.20 0.00	42.62 2.15 0.00	42.87 2.20 0.00	45.69 2.26 0.00	53.31 2.60 -2.60	51.33 2.86 0.00	45.96 2.60 0.00	40.48 2.18 0.00	39.31 2.12 0.00	38.46 2.11 0.00	36.44 2.03 0.00	35.20 1.96 0.00	35.84 2.00 0.00	39.52 2.10 0.00	44.44 2.63 -0.11	56.01 3.37 -2.36	69.10 4.05 -2.72	63.47 3.77 -1.66	57.62 3.32 -2.48	54.80 3.24 -1.78	49.96 2.79 -1.42	47.40 2.60 -0.01
KCE_NY_1 323755	57.98 2.92 -9.43	46.27 2.79 0.00	43.39 2.61 0.00	43.02 2.55 0.00	43.28 2.61 0.00	46.22 2.78 0.00	77.11 3.13 -25.88	51.52 3.06 0.00	45.87 2.51 0.00	40.40 2.10 0.00	39.16 1.97 0.00	38.24 1.89 0.00	36.20 1.79 0.00	35.00 1.76 0.00	35.67 1.83 0.00	39.60 2.17 0.00	45.59 2.79 -1.10	77.13 3.37 -23.48	93.38 4.05 -26.99	78.34 3.77 -16.53	79.80 3.37 -24.61	70.64 3.19 -17.67	62.83 2.97 -14.11	47.79 2.91 -0.09
KCE_NY_6_ESR 323823	42.84 -2.78 0.00	41.10 -2.39 0.00	38.29 -2.49 0.00	37.92 -2.55 0.00	38.15 -2.52 0.00	40.96 -2.47 0.00	45.42 -2.69 0.00	44.69 -3.78 0.00	40.54 -2.82 0.00	36.11 -2.18 0.00	35.25 -1.94 0.00	34.28 -2.07 0.00	32.21 -2.20 0.00	30.98 -2.26 0.00	31.47 -2.37 0.00	35.14 -2.28 0.00	38.45 -3.25 0.00	46.56 -3.72 0.00	57.59 -4.74 0.00	53.28 -4.76 0.00	47.83 -3.99 0.00	45.85 -3.93 0.00	42.69 -3.06 0.00	42.33 -2.46 0.00
KEDC_PORT_JEFF_GT2 24210	49.39 2.83 -0.94	46.01 2.52 0.00	43.14 2.36 0.00	42.74 2.27 0.00	43.36 2.68 0.00	46.69 3.26 0.00	57.98 3.75 -6.12	59.85 4.07 -7.31	46.34 2.99 0.00	40.59 2.30 0.00	39.27 2.08 0.00	38.31 1.96 0.00	36.31 1.89 0.00	35.13 1.89 0.00	35.94 2.10 0.00	39.86 2.43 0.00	45.32 3.50 -0.11	56.83 4.22 -2.33	70.13 5.11 -2.68	64.26 4.58 -1.64	58.31 4.04 -2.44	55.72 4.18 -1.75	50.77 3.61 -1.41	48.16 3.36 -0.01
KEDC_PORT_JEFF_GT3 24211	49.39 2.83 -0.94	46.01 2.52 0.00	43.14 2.36 0.00	42.74 2.27 0.00	43.36 2.68 0.00	46.69 3.26 0.00	57.98 3.75 -6.12	59.85 4.07 -7.31	46.34 2.99 0.00	40.59 2.30 0.00	39.27 2.08 0.00	38.31 1.96 0.00	36.31 1.89 0.00	35.13 1.89 0.00	35.94 2.10 0.00	39.86 2.43 0.00	45.32 3.50 -0.11	56.83 4.22 -2.33	70.13 5.11 -2.68	64.26 4.58 -1.64	58.31 4.04 -2.44	55.72 4.18 -1.75	50.77 3.61 -1.41	48.16 3.36 -0.01
KEDC_GLWD_GT4 24219	49.39 2.83 -0.94	46.01 2.52 0.00	43.18 2.41 0.00	42.82 2.35 0.00	43.19 2.52 0.00	46.22 2.78 0.00	57.45 3.22 -6.12	59.32 3.54 -7.31	46.34 2.99 0.00	40.71 2.41 0.00	39.49 2.31 0.00	38.53 2.18 0.00	36.58 2.17 0.00	35.37 2.13 0.00	36.08 2.23 0.00	39.97 2.55 0.00	45.15 3.34 -0.11	56.63 4.02 -2.33	69.75 4.74 -2.68	64.03 4.36 -1.64	58.15 3.89 -2.44	55.37 3.83 -1.75	50.54 3.39 -1.41	47.98 3.18 -0.01
KEDC_GLWD_GT5 24220	49.39 2.83 -0.94	46.01 2.52 0.00	43.18 2.41 0.00	42.82 2.35 0.00	43.19 2.52 0.00	46.22 2.78 0.00	57.45 3.22 -6.12	59.32 3.54 -7.31	46.34 2.99 0.00	40.71 2.41 0.00	39.49 2.31 0.00	38.53 2.18 0.00	36.58 2.17 0.00	35.37 2.13 0.00	36.08 2.23 0.00	39.97 2.55 0.00	45.15 3.34 -0.11	56.63 4.02 -2.33	69.75 4.74 -2.68	64.03 4.36 -1.64	58.15 3.89 -2.44	55.37 3.83 -1.75	50.54 3.39 -1.41	47.98 3.18 -0.01

KENSICO____ 23655	48.57 2.01 -0.93	45.40 1.91 0.00	42.61 1.83 0.00	42.33 1.86 0.00	42.54 1.87 0.00	45.35 1.91 0.00	52.94 2.26 -2.57	50.99 2.52 0.00	45.65 2.30 0.00	40.32 2.03 0.00	39.12 1.93 0.00	38.24 1.89 0.00	36.27 1.86 0.00	35.07 1.83 0.00	35.70 1.86 0.00	39.41 1.98 0.00	44.27 2.46 -0.11	55.67 3.07 -2.33	68.56 3.55 -2.68	62.99 3.31 -1.64	57.22 2.95 -2.44	54.32 2.79 -1.75	49.57 2.42 -1.40	47.04 2.24 -0.01
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	48.82 2.10 -1.09	45.45 1.96 0.00	42.69 1.92 0.00	42.38 1.90 0.00	42.62 1.95 0.00	45.43 2.00 0.00	53.47 2.36 -3.00	51.09 2.62 0.00	45.61 2.25 0.00	40.09 1.80 0.00	38.86 1.67 0.00	38.02 1.67 0.00	36.07 1.65 0.00	34.83 1.60 0.00	35.47 1.62 0.00	39.22 1.80 0.00	44.13 2.29 -0.13	56.07 3.07 -2.72	69.27 3.80 -3.13	63.50 3.54 -1.92	57.79 3.11 -2.85	54.82 2.99 -2.05	49.90 2.52 -1.64	47.13 2.33 -0.01
KIAC_JFK_GT1 23816	48.48 1.92 -0.94	45.27 1.78 0.00	42.45 1.67 0.00	42.17 1.70 0.00	42.38 1.71 0.00	45.26 1.82 0.00	52.70 2.02 -2.57	51.33 2.86 0.00	46.13 2.77 0.00	40.86 2.57 0.00	39.64 2.45 0.00	38.75 2.40 0.00	36.79 2.37 0.00	35.53 2.29 0.00	36.14 2.30 0.00	39.93 2.51 0.00	44.87 3.04 -0.12	55.98 3.37 -2.33	69.00 3.99 -2.68	63.51 3.83 -1.64	57.63 3.37 -2.44	54.53 2.99 -1.75	49.85 2.70 -1.40	47.18 2.37 -0.01
KIAC_JFK_GT2 23817	48.48 1.92 -0.94	45.27 1.78 0.00	42.45 1.67 0.00	42.17 1.70 0.00	42.38 1.71 0.00	45.26 1.82 0.00	52.70 2.02 -2.57	51.33 2.86 0.00	46.13 2.77 0.00	40.86 2.57 0.00	39.64 2.45 0.00	38.75 2.40 0.00	36.79 2.37 0.00	35.53 2.29 0.00	36.14 2.30 0.00	39.93 2.51 0.00	44.87 3.04 -0.12	55.98 3.37 -2.33	69.00 3.99 -2.68	63.51 3.83 -1.64	57.63 3.37 -2.44	54.53 2.99 -1.75	49.85 2.70 -1.40	47.18 2.37 -0.01
KIAC_JFK____ 323774	48.52 1.96 -0.94	45.23 1.74 0.00	42.45 1.67 0.00	42.17 1.70 0.00	42.38 1.71 0.00	45.30 1.87 0.00	52.70 2.02 -2.57	51.33 2.86 0.00	46.13 2.78 0.00	40.86 2.57 0.00	39.64 2.45 0.00	38.75 2.40 0.00	36.79 2.37 0.00	35.53 2.29 0.00	36.14 2.30 0.00	39.93 2.51 0.00	44.83 3.00 -0.12	55.98 3.37 -2.33	69.06 4.05 -2.68	63.51 3.83 -1.64	57.63 3.37 -2.44	54.53 2.99 -1.75	49.85 2.70 -1.40	47.18 2.37 -0.01
KINTIGH____ 23543	42.29 -3.33 0.00	40.31 -3.17 0.00	37.60 -3.18 0.00	37.28 -3.20 0.00	37.50 -3.17 0.00	40.18 -3.26 0.00	44.55 -3.56 0.00	44.01 -4.46 0.00	39.80 -3.56 0.00	35.38 -2.91 0.00	34.55 -2.64 0.00	33.62 -2.73 0.00	31.66 -2.75 0.00	30.48 -2.76 0.00	31.00 -2.84 0.00	34.54 -2.88 0.00	37.87 -3.84 0.00	45.70 -4.58 0.00	56.54 -5.80 0.00	52.35 -5.69 0.00	46.90 -4.92 0.00	45.05 -4.73 0.00	41.86 -3.89 0.00	41.43 -3.36 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	43.53 -2.10 0.00	41.49 -2.00 0.00	38.94 -1.83 0.00	38.69 -1.78 0.00	38.92 -1.75 0.00	41.48 -1.95 0.00	45.94 -2.16 0.00	46.38 -2.08 0.00	41.32 -2.04 0.00	36.26 -2.03 0.00	35.25 -1.93 0.00	34.42 -1.93 0.00	32.83 -1.58 0.00	31.71 -1.53 0.00	32.25 -1.59 0.00	35.52 -1.91 0.00	39.95 -1.75 0.00	48.12 -2.16 0.00	60.34 -1.99 0.00	56.24 -1.80 0.00	50.11 -1.71 0.00	48.09 -1.69 0.00	44.52 -1.24 0.00	43.50 -1.30 0.00
LACHUTE__HYDRO 323717	60.88 5.89 -9.37	48.97 5.48 0.00	45.79 5.01 0.00	45.37 4.90 0.00	45.63 4.96 0.00	48.82 5.38 0.00	80.03 6.21 -25.71	54.28 5.81 0.00	47.95 4.59 0.00	42.12 3.83 0.00	40.76 3.57 0.00	39.73 3.38 0.00	37.44 3.03 0.00	36.23 2.99 0.00	36.99 3.15 0.00	41.21 3.78 0.00	47.84 5.04 -1.09	79.99 6.39 -23.33	97.20 8.04 -26.82	81.89 7.43 -16.43	83.01 6.73 -24.45	73.51 6.17 -17.56	65.67 5.90 -14.02	50.62 5.74 -0.09
LAWRNCV_115KV_TB1 80681	45.12 -0.50 0.00	42.97 -0.52 0.00	40.25 -0.53 0.00	39.95 -0.53 0.00	40.22 -0.45 0.00	42.70 -0.74 0.00	47.10 -1.01 0.00	47.55 -0.92 0.00	42.44 -0.91 0.00	37.26 -1.03 0.00	36.18 -1.00 0.00	35.33 -1.02 0.00	33.66 -0.76 0.00	32.47 -0.76 0.00	33.06 -0.78 0.00	36.49 -0.94 0.00	40.87 -0.83 0.00	49.37 -0.91 0.00	61.83 -0.50 0.00	57.63 -0.41 0.00	51.56 -0.26 0.00	49.73 -0.05 0.00	45.89 0.14 0.00	44.79 0.00 0.00
LEDERLE____ 23769	48.38 1.87 -0.89	45.23 1.74 0.00	42.49 1.71 0.00	42.17 1.70 0.00	42.42 1.75 0.00	45.22 1.78 0.00	52.66 2.12 -2.43	50.84 2.37 0.00	45.48 2.12 0.00	40.17 1.88 0.00	39.01 1.82 0.00	38.13 1.78 0.00	36.13 1.72 0.00	34.93 1.70 0.00	35.57 1.73 0.00	39.30 1.87 0.00	44.10 2.29 -0.10	55.40 2.92 -2.21	68.24 3.37 -2.54	62.73 3.13 -1.56	56.94 2.80 -2.32	54.09 2.64 -1.66	49.37 2.29 -1.33	46.91 2.11 -0.01
LIGHTHSE_115KV_TB6 355974	45.26 -0.36 0.00	43.05 -0.43 0.00	40.37 -0.41 0.00	40.11 -0.36 0.00	40.31 -0.37 0.00	42.91 -0.52 0.00	47.44 -0.67 0.00	47.74 -0.73 0.00	42.66 -0.69 0.00	37.68 -0.61 0.00	36.63 -0.56 0.00	35.73 -0.62 0.00	33.73 -0.69 0.00	32.54 -0.70 0.00	33.13 -0.71 0.00	36.72 -0.71 0.00	40.66 -1.04 0.00	49.27 -1.01 0.00	61.52 -0.81 0.00	57.28 -0.75 0.00	51.25 -0.57 0.00	49.24 -0.55 0.00	45.25 -0.50 0.00	44.30 -0.49 0.00
LINDEN COGEN____ 23786	48.20 1.64 -0.94	45.18 1.69 0.00	42.45 1.67 0.00	42.13 1.66 0.00	42.38 1.71 0.00	45.17 1.74 0.00	50.99 1.93 -0.95	50.84 2.37 0.00	45.56 2.21 0.00	40.28 1.99 0.00	39.12 1.93 0.00	38.20 1.85 0.00	36.31 1.89 0.00	35.07 1.83 0.00	35.67 1.83 0.00	39.37 1.94 0.00	44.19 2.38 -0.11	54.87 2.92 -1.68	61.54 3.36 4.16	59.25 3.19 1.97	54.87 2.85 -0.20	54.22 2.69 -1.75	49.44 2.29 -1.40	46.91 2.11 -0.01
LINDHRST_69_KV_BK1 356055	49.57 3.01 -0.94	46.27 2.78 0.00	43.39 2.61 0.00	42.98 2.51 0.00	43.44 2.77 0.00	46.56 3.13 0.00	57.88 3.66 -6.12	59.76 3.97 -7.31	46.56 3.21 0.00	40.82 2.53 0.00	39.53 2.34 0.00	38.60 2.25 0.00	36.58 2.17 0.00	35.40 2.16 0.00	36.18 2.34 0.00	40.05 2.62 0.00	45.44 3.63 -0.11	57.03 4.42 -2.33	70.31 5.30 -2.68	64.50 4.82 -1.64	58.57 4.30 -2.44	55.87 4.33 -1.75	50.90 3.75 -1.40	48.34 3.54 -0.01
LIPA_MISC_IPP 23656	49.02 2.46 -0.94	45.71 2.22 0.00	42.86 2.08 0.00	42.46 1.98 0.00	43.11 2.44 0.00	46.52 3.08 0.00	57.83 3.61 -6.12	59.71 3.93 -7.31	46.04 2.69 0.00	40.28 1.99 0.00	38.97 1.79 0.00	37.98 1.64 0.00	36.00 1.58 0.00	34.83 1.60 0.00	35.60 1.76 0.00	39.45 2.02 0.00	45.02 3.21 -0.11	56.38 3.77 -2.33	69.63 4.61 -2.68	63.80 4.12 -1.64	57.89 3.63 -2.44	55.47 3.93 -1.75	50.35 3.20 -1.40	47.85 3.05 -0.01
LISF__SOLAR 323691	49.11 2.55 -0.94	45.71 2.22 0.00	42.90 2.12 0.00	42.50 2.02 0.00	43.19 2.52 0.00	46.65 3.21 0.00	57.93 3.70 -6.12	59.80 4.02 -7.31	46.09 2.73 0.00	40.32 2.03 0.00	38.97 1.78 0.00	37.98 1.64 0.00	36.00 1.58 0.00	34.83 1.60 0.00	35.63 1.79 0.00	39.52 2.09 0.00	45.07 3.26 -0.11	56.48 3.87 -2.33	69.75 4.74 -2.68	63.91 4.23 -1.64	58.00 3.73 -2.44	55.47 3.93 -1.75	50.45 3.30 -1.41	47.94 3.13 -0.01

LITTLE FALLS___HYD 24013	46.13 0.50 0.00	43.97 0.48 0.00	41.31 0.53 0.00	41.00 0.53 0.00	41.16 0.49 0.00	43.91 0.48 0.00	48.64 0.53 0.00	49.05 0.58 0.00	43.75 0.39 0.00	38.56 0.27 0.00	37.41 0.22 0.00	36.49 0.15 0.00	34.52 0.10 0.00	33.31 0.07 0.00	33.94 0.10 0.00	37.54 0.11 0.00	41.91 0.21 0.00	50.58 0.30 0.00	62.77 0.44 0.00	58.56 0.52 0.00	52.29 0.47 0.00	50.28 0.50 0.00	46.16 0.41 0.00	45.29 0.49 0.00
LITTLRIV_115KV_TB1 356100	45.62 0.00 0.00	43.45 -0.04 0.00	40.70 -0.08 0.00	40.39 -0.08 0.00	40.67 0.00 0.00	43.17 -0.26 0.00	47.63 -0.48 0.00	48.13 -0.34 0.00	42.83 -0.52 0.00	37.57 -0.73 0.00	36.44 -0.74 0.00	35.58 -0.76 0.00	33.86 -0.55 0.00	32.71 -0.53 0.00	33.30 -0.54 0.00	36.79 -0.64 0.00	41.25 -0.46 0.00	49.93 -0.35 0.00	62.71 0.37 0.00	58.39 0.35 0.00	52.29 0.47 0.00	50.43 0.65 0.00	46.48 0.73 0.00	45.38 0.58 0.00
LI_NEWBRDGE___DRP 323616	48.93 2.37 -0.94	45.66 2.17 0.00	42.86 2.08 0.00	42.50 2.02 0.00	42.87 2.20 0.00	45.82 2.39 0.00	57.06 2.84 -6.12	58.93 3.15 -7.31	45.96 2.60 0.00	40.40 2.11 0.00	39.16 1.97 0.00	38.24 1.89 0.00	36.27 1.86 0.00	35.10 1.86 0.00	35.81 1.96 0.00	39.63 2.21 0.00	44.77 2.96 -0.11	56.18 3.57 -2.33	69.13 4.11 -2.68	63.45 3.77 -1.64	57.63 3.37 -2.44	54.92 3.39 -1.75	50.12 2.97 -1.40	47.58 2.78 -0.01
LOCKPORT_115KV_TB60_63_64 80432	42.07 -3.56 0.00	40.10 -3.39 0.00	37.35 -3.43 0.00	36.99 -3.48 0.00	37.26 -3.42 0.00	39.96 -3.47 0.00	44.31 -3.80 0.00	43.57 -4.90 0.00	39.45 -3.90 0.00	35.12 -3.18 0.00	34.32 -2.86 0.00	33.37 -2.98 0.00	31.35 -3.06 0.00	30.18 -3.06 0.00	30.66 -3.18 0.00	34.25 -3.18 0.00	37.45 -4.25 0.00	45.25 -5.03 0.00	56.04 -6.30 0.00	51.89 -6.15 0.00	46.49 -5.34 0.00	44.66 -5.13 0.00	41.59 -4.16 0.00	41.26 -3.54 0.00
LOCKPORT___CC1 323769	41.84 -3.79 0.00	40.10 -3.39 0.00	37.35 -3.43 0.00	36.95 -3.52 0.00	37.21 -3.46 0.00	39.96 -3.48 0.00	44.31 -3.80 0.00	43.52 -4.94 0.00	39.45 -3.90 0.00	35.12 -3.18 0.00	34.29 -2.90 0.00	33.33 -3.02 0.00	31.35 -3.06 0.00	30.15 -3.09 0.00	30.66 -3.18 0.00	34.21 -3.22 0.00	37.45 -4.25 0.00	45.20 -5.08 0.00	55.97 -6.36 0.00	51.83 -6.21 0.00	46.49 -5.34 0.00	44.61 -5.18 0.00	41.59 -4.16 0.00	41.25 -3.54 0.00
LOCKPORT___CC2 323770	41.84 -3.79 0.00	40.10 -3.39 0.00	37.35 -3.43 0.00	36.95 -3.52 0.00	37.21 -3.46 0.00	39.96 -3.48 0.00	44.31 -3.80 0.00	43.52 -4.94 0.00	39.45 -3.90 0.00	35.12 -3.18 0.00	34.29 -2.90 0.00	33.33 -3.02 0.00	31.35 -3.06 0.00	30.15 -3.09 0.00	30.66 -3.18 0.00	34.21 -3.22 0.00	37.45 -4.25 0.00	45.20 -5.08 0.00	55.97 -6.36 0.00	51.83 -6.21 0.00	46.49 -5.34 0.00	44.61 -5.18 0.00	41.59 -4.16 0.00	41.25 -3.54 0.00
LOCKPORT___CC3 323771	41.84 -3.79 0.00	40.10 -3.39 0.00	37.35 -3.43 0.00	36.95 -3.52 0.00	37.21 -3.46 0.00	39.96 -3.48 0.00	44.31 -3.80 0.00	43.52 -4.94 0.00	39.45 -3.90 0.00	35.12 -3.18 0.00	34.29 -2.90 0.00	33.33 -3.02 0.00	31.35 -3.06 0.00	30.15 -3.09 0.00	30.66 -3.18 0.00	34.21 -3.22 0.00	37.45 -4.25 0.00	45.20 -5.08 0.00	55.97 -6.36 0.00	51.83 -6.21 0.00	46.49 -5.34 0.00	44.61 -5.18 0.00	41.59 -4.16 0.00	41.25 -3.54 0.00
LONG_LAKE_PHOENIX 24014	44.44 -1.19 0.00	42.36 -1.13 0.00	39.72 -1.06 0.00	39.46 -1.01 0.00	39.61 -1.06 0.00	42.31 -1.13 0.00	46.81 -1.30 0.00	47.06 -1.41 0.00	42.14 -1.21 0.00	37.37 -0.92 0.00	36.33 -0.86 0.00	35.44 -0.91 0.00	33.45 -0.96 0.00	32.27 -0.96 0.00	32.86 -0.98 0.00	36.45 -0.97 0.00	40.33 -1.38 0.00	48.62 -1.66 0.00	60.40 -1.93 0.00	56.18 -1.86 0.00	50.16 -1.66 0.00	48.14 -1.64 0.00	44.24 -1.51 0.00	43.36 -1.43 0.00
LOVETT___3 23632	48.16 1.64 -0.90	45.05 1.57 0.00	42.33 1.55 0.00	42.01 1.54 0.00	42.26 1.59 0.00	45.04 1.61 0.00	52.44 1.88 -2.46	50.60 2.13 0.00	45.26 1.91 0.00	39.98 1.68 0.00	38.82 1.64 0.00	37.95 1.60 0.00	36.00 1.58 0.00	34.80 1.56 0.00	35.40 1.56 0.00	39.11 1.68 0.00	43.89 2.09 -0.10	55.12 2.61 -2.23	67.89 2.99 -2.56	62.39 2.79 -1.57	56.65 2.49 -2.34	53.80 2.34 -1.68	49.10 2.01 -1.34	46.64 1.84 -0.01
LOVETT___4 23642	48.16 1.64 -0.90	45.05 1.57 0.00	42.33 1.55 0.00	42.01 1.54 0.00	42.26 1.59 0.00	45.04 1.61 0.00	52.44 1.88 -2.46	50.60 2.13 0.00	45.26 1.91 0.00	39.98 1.68 0.00	38.82 1.64 0.00	37.95 1.60 0.00	36.00 1.58 0.00	34.80 1.56 0.00	35.40 1.56 0.00	39.11 1.68 0.00	43.89 2.09 -0.10	55.12 2.61 -2.23	67.89 2.99 -2.56	62.39 2.79 -1.57	56.65 2.49 -2.34	53.80 2.34 -1.68	49.10 2.01 -1.34	46.64 1.84 -0.01
LOVETT___5 23593	48.16 1.64 -0.90	45.05 1.57 0.00	42.33 1.55 0.00	42.01 1.54 0.00	42.26 1.59 0.00	45.04 1.61 0.00	52.44 1.88 -2.46	50.60 2.13 0.00	45.26 1.91 0.00	39.98 1.68 0.00	38.82 1.64 0.00	37.95 1.60 0.00	36.00 1.58 0.00	34.80 1.56 0.00	35.40 1.56 0.00	39.11 1.68 0.00	43.89 2.09 -0.10	55.12 2.61 -2.23	67.89 2.99 -2.56	62.39 2.79 -1.57	56.65 2.49 -2.34	53.80 2.34 -1.68	49.10 2.01 -1.34	46.64 1.84 -0.01
LOWER RAQUET___HYD 24057	45.03 -0.59 0.00	42.88 -0.61 0.00	40.17 -0.61 0.00	39.91 -0.57 0.00	40.06 -0.61 0.00	42.48 -0.96 0.00	46.91 -1.20 0.00	47.40 -1.07 0.00	42.27 -1.08 0.00	37.11 -1.19 0.00	36.04 -1.15 0.00	35.22 -1.13 0.00	33.49 -0.93 0.00	32.31 -0.93 0.00	32.89 -0.95 0.00	36.30 -1.12 0.00	40.70 -1.00 0.00	49.17 -1.11 0.00	61.65 -0.68 0.00	57.46 -0.58 0.00	51.46 -0.36 0.00	49.68 -0.10 0.00	45.84 0.09 0.00	44.75 -0.04 0.00
LOWER___HUDSON 24059	55.87 2.24 -8.01	45.62 2.13 0.00	42.82 2.04 0.00	42.50 2.02 0.00	42.70 2.03 0.00	45.61 2.17 0.00	72.50 2.40 -21.99	50.89 2.42 0.00	45.44 2.08 0.00	40.09 1.80 0.00	38.86 1.68 0.00	37.98 1.64 0.00	36.03 1.62 0.00	34.80 1.56 0.00	35.43 1.59 0.00	39.22 1.80 0.00	44.93 2.29 -0.93	72.84 2.61 -19.95	88.32 3.05 -22.93	74.98 2.90 -14.04	75.27 2.54 -20.91	67.28 2.49 -15.01	59.98 2.24 -11.99	47.06 2.19 -0.07
LOWVILLE_115KV_TB2 356335	46.35 0.73 0.00	44.05 0.57 0.00	41.39 0.61 0.00	41.08 0.61 0.00	41.32 0.65 0.00	43.87 0.43 0.00	48.54 0.43 0.00	49.10 0.63 0.00	43.66 0.30 0.00	38.33 0.04 0.00	37.15 -0.04 0.00	35.87 -0.47 0.00	33.97 -0.45 0.00	32.77 -0.47 0.00	33.40 -0.44 0.00	37.02 -0.41 0.00	41.33 -0.38 0.00	50.33 0.05 0.00	63.39 1.06 0.00	59.14 1.10 0.00	52.96 1.14 0.00	51.03 1.24 0.00	46.85 1.10 0.00	45.73 0.94 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	57.98 2.92 -9.43	46.23 2.74 0.00	43.35 2.57 0.00	43.02 2.55 0.00	43.23 2.56 0.00	46.17 2.74 0.00	77.07 3.08 -25.88	51.47 3.01 0.00	45.83 2.47 0.00	40.40 2.11 0.00	39.12 1.93 0.00	38.24 1.89 0.00	36.20 1.79 0.00	35.00 1.76 0.00	35.67 1.83 0.00	39.56 2.13 0.00	45.55 2.75 -1.10	77.13 3.37 -23.48	93.32 3.99 -26.99	78.28 3.71 -16.53	79.80 3.37 -24.61	70.64 3.19 -17.67	62.79 2.93 -14.11	47.79 2.91 -0.09

LUTHERNY_35_KV_BK2 355980	57.98 2.92 -9.43	46.27 2.78 0.00	43.39 2.61 0.00	43.02 2.55 0.00	43.28 2.60 0.00	46.17 2.74 0.00	77.11 3.13 -25.88	51.52 3.05 0.00	45.87 2.51 0.00	40.40 2.11 0.00	39.16 1.97 0.00	38.27 1.93 0.00	36.20 1.79 0.00	35.00 1.76 0.00	35.67 1.83 0.00	39.60 2.17 0.00	45.59 2.79 -1.10	77.13 3.37 -23.48	93.38 4.05 -26.99	78.34 3.77 -16.53	79.80 3.37 -24.61	70.64 3.19 -17.67	62.83 2.97 -14.11	47.79 2.91 -0.09
LWR___OSWEGATCHIE_HYD 23850	45.53 -0.09 0.00	43.31 -0.17 0.00	40.65 -0.12 0.00	40.31 -0.16 0.00	40.59 -0.08 0.00	43.04 -0.39 0.00	47.53 -0.58 0.00	48.03 -0.44 0.00	42.79 -0.56 0.00	37.53 -0.77 0.00	36.44 -0.74 0.00	35.40 -0.95 0.00	33.59 -0.83 0.00	32.41 -0.83 0.00	33.03 -0.81 0.00	36.49 -0.94 0.00	40.83 -0.88 0.00	49.57 -0.70 0.00	62.33 0.00 0.00	58.10 0.06 0.00	52.03 0.21 0.00	50.18 0.40 0.00	46.16 0.41 0.00	45.06 0.27 0.00
LYONS_FALL_HYD 23570	46.54 0.91 0.00	44.27 0.78 0.00	41.55 0.77 0.00	41.24 0.77 0.00	41.49 0.81 0.00	44.13 0.69 0.00	48.83 0.72 0.00	49.34 0.87 0.00	43.96 0.61 0.00	38.64 0.34 0.00	37.52 0.33 0.00	36.38 0.04 0.00	34.38 -0.03 0.00	33.17 -0.07 0.00	33.84 0.00 0.00	37.46 0.04 0.00	41.83 0.13 0.00	50.83 0.55 0.00	63.70 1.37 0.00	59.31 1.28 0.00	53.06 1.24 0.00	51.13 1.34 0.00	46.89 1.14 0.00	45.83 1.03 0.00
MADISON___COUNTY_LFGE 323628	46.81 1.19 0.00	44.58 1.09 0.00	41.80 1.02 0.00	41.48 1.01 0.00	41.69 1.02 0.00	44.48 1.04 0.00	49.31 1.20 0.00	49.63 1.16 0.00	44.35 1.00 0.00	39.10 0.80 0.00	37.97 0.78 0.00	36.96 0.62 0.00	34.90 0.48 0.00	33.67 0.43 0.00	34.32 0.47 0.00	38.06 0.64 0.00	42.41 0.71 0.00	51.43 1.16 0.00	64.02 1.68 0.00	59.55 1.51 0.00	53.22 1.40 0.00	51.13 1.34 0.00	46.89 1.14 0.00	45.87 1.08 0.00
MALONE___115KV_TB1 356076	44.57 -1.05 0.00	42.44 -1.04 0.00	39.80 -0.98 0.00	39.54 -0.93 0.00	39.82 -0.85 0.00	42.39 -1.04 0.00	46.91 -1.20 0.00	47.35 -1.11 0.00	42.27 -1.08 0.00	37.14 -1.15 0.00	36.07 -1.12 0.00	35.26 -1.09 0.00	33.62 -0.79 0.00	32.47 -0.76 0.00	33.03 -0.81 0.00	36.42 -1.01 0.00	40.87 -0.83 0.00	49.22 -1.06 0.00	61.77 -0.56 0.00	57.52 -0.52 0.00	51.36 -0.47 0.00	49.34 -0.45 0.00	45.57 -0.18 0.00	44.48 -0.31 0.00
MAPLEWOD_115KV_TB3 80458	54.31 2.14 -6.54	45.58 2.09 0.00	42.73 1.96 0.00	42.42 1.94 0.00	42.67 1.99 0.00	45.48 2.04 0.00	68.31 2.26 -17.94	50.79 2.33 0.00	45.44 2.08 0.00	40.09 1.80 0.00	38.86 1.67 0.00	38.02 1.67 0.00	36.03 1.62 0.00	34.83 1.60 0.00	35.47 1.62 0.00	39.22 1.80 0.00	44.72 2.25 -0.76	69.12 2.56 -16.28	84.04 2.99 -18.71	72.28 2.79 -11.46	71.37 2.49 -17.06	64.42 2.39 -12.25	57.73 2.20 -9.78	47.00 2.15 -0.06
MAPLE_RIDGE_WT_1 323574	44.76 -0.87 0.00	42.71 -0.78 0.00	40.04 -0.73 0.00	39.70 -0.77 0.00	39.82 -0.86 0.00	42.48 -0.96 0.00	47.00 -1.10 0.00	47.40 -1.07 0.00	42.31 -1.04 0.00	37.30 -1.00 0.00	36.19 -1.00 0.00	35.37 -0.98 0.00	33.49 -0.93 0.00	32.34 -0.90 0.00	32.93 -0.91 0.00	36.38 -1.05 0.00	40.66 -1.04 0.00	49.02 -1.26 0.00	60.96 -1.37 0.00	56.82 -1.22 0.00	50.73 -1.09 0.00	48.79 -1.00 0.00	44.88 -0.87 0.00	43.99 -0.81 0.00
MAPLE_RIDGE_WT_2 323611	44.76 -0.87 0.00	42.71 -0.78 0.00	40.04 -0.73 0.00	39.70 -0.77 0.00	39.82 -0.86 0.00	42.48 -0.96 0.00	47.00 -1.10 0.00	47.40 -1.07 0.00	42.31 -1.04 0.00	37.30 -1.00 0.00	36.19 -1.00 0.00	35.37 -0.98 0.00	33.49 -0.93 0.00	32.34 -0.90 0.00	32.93 -0.91 0.00	36.38 -1.05 0.00	40.66 -1.04 0.00	49.02 -1.26 0.00	60.96 -1.37 0.00	56.82 -1.22 0.00	50.73 -1.09 0.00	48.79 -1.00 0.00	44.88 -0.87 0.00	43.99 -0.81 0.00
MARBLE_RIVER_WT_PWR 323696	42.11 -3.51 0.00	40.18 -3.31 0.00	37.72 -3.06 0.00	37.48 -2.99 0.00	37.62 -3.05 0.00	40.09 -3.34 0.00	44.41 -3.70 0.00	44.83 -3.64 0.00	39.84 -3.51 0.00	34.96 -3.33 0.00	33.95 -3.24 0.00	33.26 -3.09 0.00	31.63 -2.79 0.00	30.55 -2.69 0.00	31.07 -2.77 0.00	34.28 -3.14 0.00	38.53 -3.17 0.00	46.41 -3.87 0.00	58.16 -4.18 0.00	54.21 -3.83 0.00	48.35 -3.47 0.00	46.45 -3.34 0.00	42.96 -2.79 0.00	42.02 -2.78 0.00
MARSHVLE_115KV_TB1 80742	57.26 2.92 -8.72	46.14 2.65 0.00	43.22 2.45 0.00	42.70 2.23 0.00	42.91 2.24 0.00	45.91 2.48 0.00	74.91 2.89 -23.91	51.28 2.81 0.00	45.13 1.78 0.00	39.67 1.38 0.00	38.16 0.97 0.00	37.15 0.80 0.00	35.03 0.62 0.00	33.87 0.63 0.00	34.49 0.64 0.00	38.40 0.97 0.00	44.72 2.00 -1.01	75.09 3.12 -21.70	91.27 3.99 -24.94	77.09 3.77 -15.28	77.99 3.42 -22.74	69.55 3.44 -16.33	61.99 3.20 -13.04	47.92 3.05 -0.08
MARSH_HILL_WT_PWR 323713	44.06 -1.83 -0.26	41.66 -1.82 0.00	38.53 -2.24 0.00	37.88 -2.59 0.00	37.87 -2.81 0.00	40.48 -2.95 0.00	45.80 -3.03 -0.72	44.69 -3.78 0.00	39.89 -3.47 0.00	35.23 -3.06 0.00	34.55 -2.64 0.00	33.62 -2.73 0.00	31.52 -2.89 0.00	30.21 -3.02 0.00	30.76 -3.08 0.00	34.32 -3.11 0.00	38.23 -3.50 -0.03	47.56 -3.37 -0.65	59.28 -3.80 -0.75	54.90 -3.60 -0.46	49.50 -3.01 -0.68	47.34 -2.94 -0.49	43.71 -2.43 -0.39	42.83 -1.97 0.00
MCINTYRE_115KV_TB2 80467	45.99 0.36 0.00	43.75 0.26 0.00	41.02 0.24 0.00	40.72 0.24 0.00	41.00 0.33 0.00	43.61 0.17 0.00	48.16 0.05 0.00	48.57 0.10 0.00	43.22 -0.13 0.00	37.83 -0.46 0.00	36.70 -0.48 0.00	35.84 -0.51 0.00	34.14 -0.28 0.00	32.97 -0.27 0.00	33.57 -0.27 0.00	37.09 -0.34 0.00	41.62 -0.08 0.00	50.38 0.10 0.00	63.39 1.06 0.00	59.02 0.99 0.00	52.81 0.98 0.00	50.88 1.10 0.00	46.85 1.10 0.00	45.73 0.94 0.00
MECO_____69_KV_BK1 80468	59.04 4.06 -9.35	47.23 3.74 0.00	44.20 3.43 0.00	43.75 3.28 0.00	44.01 3.34 0.00	47.08 3.65 0.00	77.96 4.19 -25.66	52.44 3.97 0.00	46.26 2.90 0.00	40.67 2.37 0.00	39.20 2.01 0.00	38.16 1.82 0.00	35.96 1.55 0.00	34.77 1.53 0.00	35.43 1.59 0.00	39.49 2.06 0.00	45.88 3.09 -1.09	77.83 4.27 -23.28	94.59 5.49 -26.77	79.60 5.17 -16.39	80.89 4.66 -24.41	71.79 4.48 -17.52	64.00 4.25 -13.99	49.00 4.12 -0.09
MENANDS___115KV_TB5 355628	53.87 2.01 -6.24	45.49 2.00 0.00	42.69 1.92 0.00	42.38 1.90 0.00	42.58 1.91 0.00	45.43 2.00 0.00	67.40 2.16 -17.12	50.70 2.23 0.00	45.35 1.99 0.00	40.06 1.76 0.00	38.82 1.64 0.00	38.02 1.67 0.00	36.00 1.58 0.00	34.80 1.56 0.00	35.43 1.59 0.00	39.19 1.76 0.00	44.64 2.21 -0.72	68.23 2.41 -15.54	83.00 2.81 -17.86	71.65 2.67 -10.94	70.44 2.33 -16.28	63.77 2.29 -11.69	57.14 2.06 -9.34	46.91 2.06 -0.06
MG INDUSTRY___DRP 24185	50.92 1.87 -3.43	45.40 1.91 0.00	42.61 1.83 0.00	42.25 1.78 0.00	42.50 1.83 0.00	45.35 1.91 0.00	59.49 1.97 -9.41	50.46 1.99 0.00	45.00 1.65 0.00	39.67 1.38 0.00	38.45 1.26 0.00	37.62 1.27 0.00	35.62 1.20 0.00	34.44 1.20 0.00	35.06 1.22 0.00	38.81 1.38 0.00	43.85 1.75 -0.40	60.93 2.11 -8.54	74.64 2.49 -9.81	66.43 2.38 -6.01	62.90 2.12 -8.95	58.25 2.04 -6.42	52.80 1.92 -5.13	46.80 1.97 -0.03

MID___OSWEGATCHIE_HYD 23849	45.53 -0.09 0.00	43.31 -0.17 0.00	40.65 -0.12 0.00	40.31 -0.16 0.00	40.59 -0.08 0.00	43.04 -0.39 0.00	47.53 -0.58 0.00	48.03 -0.44 0.00	42.79 -0.56 0.00	37.53 -0.77 0.00	36.44 -0.74 0.00	35.40 -0.95 0.00	33.59 -0.83 0.00	32.41 -0.83 0.00	33.03 -0.81 0.00	36.49 -0.94 0.00	40.83 -0.88 0.00	49.57 -0.70 0.00	62.33 0.00 0.00	58.10 0.06 0.00	52.03 0.21 0.00	50.18 0.40 0.00	46.16 0.41 0.00	45.06 0.27 0.00
MID___RAQUETTE_HYD 23851	45.03 -0.59 0.00	42.88 -0.61 0.00	40.17 -0.61 0.00	39.91 -0.57 0.00	40.14 -0.53 0.00	42.52 -0.91 0.00	46.91 -1.20 0.00	47.40 -1.07 0.00	42.27 -1.08 0.00	37.11 -1.19 0.00	36.04 -1.15 0.00	35.15 -1.20 0.00	33.48 -0.93 0.00	32.31 -0.93 0.00	32.89 -0.95 0.00	36.30 -1.12 0.00	40.70 -1.00 0.00	49.17 -1.11 0.00	61.65 -0.69 0.00	57.46 -0.58 0.00	51.46 -0.36 0.00	49.68 -0.10 0.00	45.84 0.09 0.00	44.75 -0.04 0.00
MILLIKEN___1 23584	46.31 0.41 -0.27	43.88 0.39 0.00	41.10 0.33 0.00	40.84 0.36 0.00	41.00 0.33 0.00	43.78 0.35 0.00	49.29 0.43 -0.75	48.76 0.29 0.00	43.62 0.26 0.00	38.56 0.27 0.00	37.45 0.26 0.00	36.49 0.15 0.00	34.35 -0.07 0.00	33.14 -0.10 0.00	33.77 -0.07 0.00	37.58 0.15 0.00	41.74 0.00 -0.03	51.31 0.35 -0.68	63.80 0.69 -0.78	59.10 0.58 -0.48	53.05 0.52 -0.71	50.69 0.40 -0.51	46.48 0.32 -0.41	45.16 0.36 0.00
MILLIKEN___2 23585	46.31 0.41 -0.27	43.88 0.39 0.00	41.10 0.33 0.00	40.84 0.36 0.00	41.00 0.33 0.00	43.78 0.35 0.00	49.29 0.43 -0.75	48.76 0.29 0.00	43.62 0.26 0.00	38.56 0.27 0.00	37.45 0.26 0.00	36.49 0.15 0.00	34.35 -0.07 0.00	33.14 -0.10 0.00	33.77 -0.07 0.00	37.58 0.15 0.00	41.74 0.00 -0.03	51.31 0.35 -0.68	63.80 0.69 -0.78	59.10 0.58 -0.48	53.05 0.52 -0.71	50.69 0.40 -0.51	46.48 0.32 -0.41	45.16 0.36 0.00
MILLIKEN___DIESEL 23629	46.31 0.41 -0.27	43.88 0.39 0.00	41.10 0.33 0.00	40.84 0.36 0.00	41.00 0.33 0.00	43.78 0.35 0.00	49.29 0.43 -0.75	48.76 0.29 0.00	43.62 0.26 0.00	38.56 0.27 0.00	37.45 0.26 0.00	36.49 0.15 0.00	34.35 -0.07 0.00	33.14 -0.10 0.00	33.77 -0.07 0.00	37.58 0.15 0.00	41.74 0.00 -0.03	51.31 0.35 -0.68	63.80 0.69 -0.78	59.10 0.58 -0.48	53.05 0.52 -0.71	50.69 0.40 -0.51	46.48 0.32 -0.41	45.16 0.36 0.00
MILLSEAT___LFGE 323607	43.03 -2.60 0.00	41.14 -2.35 0.00	38.37 -2.41 0.00	38.05 -2.43 0.00	38.27 -2.40 0.00	41.05 -2.39 0.00	45.56 -2.55 0.00	44.98 -3.49 0.00	40.62 -2.73 0.00	36.07 -2.22 0.00	35.22 -1.97 0.00	34.20 -2.14 0.00	32.14 -2.27 0.00	30.91 -2.33 0.00	31.41 -2.44 0.00	35.11 -2.32 0.00	38.58 -3.13 0.00	46.61 -3.67 0.00	58.03 -4.30 0.00	53.80 -4.23 0.00	48.14 -3.68 0.00	46.10 -3.68 0.00	42.82 -2.93 0.00	42.37 -2.42 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	48.52 1.96 -0.93	45.36 1.87 0.00	42.61 1.83 0.00	42.29 1.82 0.00	42.54 1.87 0.00	45.35 1.91 0.00	52.88 2.21 -2.56	50.94 2.47 0.00	45.57 2.21 0.00	40.25 1.95 0.00	39.09 1.90 0.00	38.20 1.85 0.00	36.24 1.82 0.00	35.00 1.76 0.00	35.64 1.79 0.00	39.37 1.95 0.00	44.19 2.38 -0.11	55.57 2.97 -2.32	68.43 3.43 -2.67	62.92 3.25 -1.64	57.11 2.85 -2.44	54.27 2.74 -1.75	49.53 2.38 -1.40	47.00 2.19 -0.01
MILLWOOD_13_KV_LOAD 356217	48.66 2.10 -0.93	45.49 2.00 0.00	42.73 1.96 0.00	42.42 1.94 0.00	42.62 1.95 0.00	45.43 2.00 0.00	52.98 2.31 -2.56	51.04 2.57 0.00	45.70 2.34 0.00	40.32 2.03 0.00	39.16 1.97 0.00	38.27 1.93 0.00	36.31 1.89 0.00	35.07 1.83 0.00	35.70 1.86 0.00	39.41 1.98 0.00	44.27 2.46 -0.11	55.72 3.12 -2.32	68.68 3.68 -2.67	63.10 3.42 -1.64	57.27 3.01 -2.44	54.42 2.89 -1.75	49.66 2.52 -1.40	47.13 2.33 -0.01
MODEL_CITY_ENERGY 24167	41.43 -4.20 0.00	39.70 -3.78 0.00	36.99 -3.79 0.00	36.63 -3.85 0.00	36.89 -3.78 0.00	39.57 -3.87 0.00	43.88 -4.23 0.00	43.09 -5.38 0.00	39.06 -4.29 0.00	34.81 -3.48 0.00	33.99 -3.20 0.00	33.04 -3.31 0.00	31.08 -3.34 0.00	29.92 -3.32 0.00	30.39 -3.45 0.00	33.91 -3.52 0.00	37.12 -4.59 0.00	44.80 -5.48 0.00	55.41 -6.92 0.00	51.25 -6.79 0.00	45.97 -5.86 0.00	44.16 -5.63 0.00	41.13 -4.62 0.00	40.85 -3.94 0.00
MODERN_LFGE___ 323580	41.43 -4.20 0.00	39.70 -3.78 0.00	36.99 -3.79 0.00	36.63 -3.85 0.00	36.89 -3.78 0.00	39.57 -3.87 0.00	43.88 -4.23 0.00	43.09 -5.38 0.00	39.06 -4.29 0.00	34.81 -3.48 0.00	33.99 -3.20 0.00	33.04 -3.31 0.00	31.08 -3.34 0.00	29.92 -3.32 0.00	30.39 -3.45 0.00	33.91 -3.52 0.00	37.12 -4.59 0.00	44.80 -5.48 0.00	55.41 -6.92 0.00	51.25 -6.79 0.00	45.97 -5.86 0.00	44.16 -5.63 0.00	41.13 -4.62 0.00	40.85 -3.94 0.00
MOHAWK_PAPER___DRP 24187	54.31 2.14 -6.54	45.58 2.09 0.00	42.73 1.96 0.00	42.42 1.94 0.00	42.67 1.99 0.00	45.48 2.04 0.00	68.31 2.26 -17.94	50.79 2.33 0.00	45.44 2.08 0.00	40.09 1.80 0.00	38.86 1.67 0.00	38.02 1.67 0.00	36.03 1.62 0.00	34.83 1.60 0.00	35.47 1.62 0.00	39.22 1.80 0.00	44.72 2.25 -0.76	69.12 2.56 -16.28	84.04 2.99 -18.71	72.28 2.79 -11.46	71.37 2.49 -17.06	64.42 2.39 -12.25	57.73 2.20 -9.78	47.00 2.15 -0.06
MOHICAN___35_KV_115KV_LD 80490	58.88 3.92 -9.34	47.10 3.61 0.00	44.12 3.34 0.00	43.75 3.28 0.00	44.01 3.34 0.00	47.00 3.56 0.00	77.86 4.14 -25.61	52.44 3.97 0.00	46.56 3.21 0.00	40.97 2.68 0.00	39.72 2.53 0.00	38.75 2.40 0.00	36.62 2.20 0.00	35.43 2.19 0.00	36.14 2.30 0.00	40.16 2.73 0.00	46.38 3.59 -1.08	77.99 4.47 -23.24	94.53 5.49 -26.72	79.45 5.05 -16.36	80.74 4.56 -24.36	71.50 4.23 -17.49	63.70 3.98 -13.96	48.78 3.90 -0.09
MONGAUP___HYD 23641	48.42 1.96 -0.84	45.31 1.83 0.00	42.53 1.75 0.00	42.21 1.74 0.00	42.50 1.83 0.00	45.34 1.91 0.00	52.57 2.17 -2.30	50.79 2.33 0.00	45.26 1.91 0.00	39.75 1.45 0.00	38.53 1.34 0.00	37.69 1.35 0.00	35.75 1.34 0.00	34.57 1.33 0.00	35.20 1.36 0.00	38.93 1.50 0.00	43.76 1.96 -0.10	55.12 2.76 -2.08	67.41 2.68 -2.39	62.00 2.49 -1.47	56.80 2.80 -2.18	54.04 2.69 -1.57	49.29 2.29 -1.25	46.91 2.11 -0.01
MONTAUK___DIESEL 23721	48.70 2.14 -0.94	45.40 1.91 0.00	42.61 1.83 0.00	42.29 1.82 0.00	43.19 2.52 0.00	46.82 3.39 0.00	58.31 4.09 -6.12	60.05 4.27 -7.31	46.13 2.77 0.00	40.21 1.91 0.00	38.56 1.38 0.00	37.51 1.16 0.00	35.38 0.96 0.00	34.20 0.96 0.00	35.03 1.18 0.00	38.89 1.46 0.00	44.44 2.63 -0.11	55.88 3.27 -2.33	69.25 4.24 -2.68	63.34 3.66 -1.64	57.43 3.16 -2.44	54.97 3.44 -1.75	49.90 2.75 -1.40	47.80 3.00 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	42.70 -2.92 0.00	40.88 -2.61 0.00	38.25 -2.53 0.00	37.92 -2.55 0.00	38.19 -2.48 0.00	41.09 -2.35 0.00	45.51 -2.60 0.00	44.88 -3.59 0.00	40.84 -2.51 0.00	36.46 -1.84 0.00	35.59 -1.60 0.00	34.57 -1.78 0.00	32.35 -2.06 0.00	30.95 -2.29 0.00	31.34 -2.50 0.00	34.96 -2.47 0.00	38.20 -3.50 0.00	46.66 -3.62 0.00	58.03 -4.30 0.00	53.80 -4.24 0.00	48.45 -3.37 0.00	46.35 -3.44 0.00	43.01 -2.75 0.00	42.55 -2.24 0.00

MORRIS_RIDGE___SOLAR 323848	43.28 -2.60 -0.26	40.97 -2.52 0.00	38.08 -2.69 0.00	37.68 -2.79 0.00	37.95 -2.72 0.00	40.65 -2.78 0.00	45.88 -2.94 -0.70	44.59 -3.88 0.00	39.84 -3.51 0.00	35.19 -3.10 0.00	34.29 -2.90 0.00	33.44 -2.91 0.00	31.42 -2.99 0.00	30.15 -3.09 0.00	30.63 -3.22 0.00	34.10 -3.33 0.00	37.90 -3.84 -0.03	46.99 -3.92 -0.64	58.45 -4.61 -0.73	54.07 -4.41 -0.45	48.81 -3.68 -0.67	46.68 -3.59 -0.48	43.25 -2.88 -0.38	42.38 -2.42 0.00
MORTIMER_115KV_TB3 55949	43.53 -2.10 0.00	41.44 -2.04 0.00	38.74 -2.04 0.00	38.45 -2.02 0.00	38.64 -2.03 0.00	41.35 -2.08 0.00	45.90 -2.21 0.00	45.66 -2.81 0.00	41.10 -2.25 0.00	36.46 -1.84 0.00	35.55 -1.64 0.00	34.64 -1.71 0.00	32.62 -1.79 0.00	31.44 -1.79 0.00	31.98 -1.86 0.00	35.63 -1.80 0.00	39.20 -2.50 0.00	47.31 -2.97 0.00	58.84 -3.49 0.00	54.56 -3.48 0.00	48.77 -3.06 0.00	46.75 -3.04 0.00	43.23 -2.52 0.00	42.60 -2.19 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	48.75 2.19 -0.94	45.53 2.04 0.00	42.78 2.00 0.00	42.46 1.98 0.00	42.67 1.99 0.00	45.48 2.04 0.00	53.04 2.36 -2.57	51.18 2.71 0.00	45.87 2.51 0.00	40.55 2.26 0.00	39.38 2.19 0.00	38.49 2.14 0.00	36.51 2.10 0.00	35.27 2.03 0.00	35.91 2.06 0.00	39.63 2.21 0.00	44.52 2.71 -0.11	55.93 3.32 -2.33	68.88 3.86 -2.68	63.34 3.66 -1.64	57.48 3.21 -2.44	54.58 3.04 -1.75	49.80 2.65 -1.40	47.27 2.46 -0.01
MUNSVILLE_WIND_PWR 323609	49.30 3.06 -0.62	46.36 2.87 0.00	43.47 2.69 0.00	43.10 2.63 0.00	43.31 2.64 0.00	46.30 2.87 0.00	52.98 3.17 -1.70	51.67 3.20 0.00	45.87 2.51 0.00	40.17 1.88 0.00	38.94 1.75 0.00	37.73 1.38 0.00	35.41 1.00 0.00	34.14 0.90 0.00	34.92 1.08 0.00	39.07 1.64 0.00	43.65 1.88 -0.07	55.08 3.27 -1.54	68.97 4.87 -1.77	63.42 4.29 -1.08	57.27 3.83 -1.61	54.72 3.78 -1.16	49.92 3.25 -0.93	47.98 3.18 -0.01
N SALMON___HYD 24042	44.58 -1.05 0.00	42.44 -1.04 0.00	39.80 -0.98 0.00	39.54 -0.93 0.00	39.74 -0.93 0.00	42.30 -1.13 0.00	46.91 -1.20 0.00	47.36 -1.11 0.00	42.27 -1.08 0.00	37.15 -1.15 0.00	36.07 -1.11 0.00	35.37 -0.98 0.00	33.62 -0.79 0.00	32.48 -0.76 0.00	33.03 -0.81 0.00	36.42 -1.01 0.00	40.87 -0.83 0.00	49.22 -1.06 0.00	61.77 -0.56 0.00	57.51 -0.52 0.00	51.36 -0.47 0.00	49.34 -0.45 0.00	45.57 -0.18 0.00	44.48 -0.31 0.00
N.AKRON__115KV_KNAPP 355671	43.07 -2.55 0.00	41.01 -2.48 0.00	38.21 -2.57 0.00	37.88 -2.59 0.00	38.15 -2.52 0.00	40.87 -2.56 0.00	45.42 -2.69 0.00	44.78 -3.68 0.00	40.49 -2.86 0.00	35.92 -2.37 0.00	35.07 -2.12 0.00	34.09 -2.25 0.00	32.04 -2.37 0.00	30.81 -2.43 0.00	31.34 -2.50 0.00	34.99 -2.43 0.00	38.37 -3.34 0.00	46.41 -3.87 0.00	57.72 -4.61 0.00	53.51 -4.53 0.00	47.88 -3.94 0.00	45.90 -3.88 0.00	42.64 -3.11 0.00	42.24 -2.55 0.00
N.BELMOR_69_KV_BK1 55787	49.30 2.74 -0.94	46.01 2.52 0.00	43.18 2.41 0.00	42.78 2.31 0.00	43.19 2.52 0.00	46.17 2.74 0.00	57.45 3.22 -6.12	59.32 3.54 -7.31	46.30 2.95 0.00	40.67 2.37 0.00	39.42 2.23 0.00	38.49 2.14 0.00	36.51 2.10 0.00	35.33 2.09 0.00	36.04 2.20 0.00	39.93 2.51 0.00	45.15 3.34 -0.11	56.63 4.02 -2.33	69.75 4.74 -2.68	63.97 4.29 -1.64	58.15 3.89 -2.44	55.37 3.83 -1.75	50.54 3.39 -1.40	47.98 3.18 -0.01
N.E_GEN_SANDY PD 24062	50.11 1.96 -2.52	45.40 1.91 0.00	42.65 1.88 0.00	42.34 1.86 0.00	42.58 1.91 0.00	45.43 2.00 0.00	58.26 2.21 -7.94	51.15 2.37 -0.31	45.44 2.08 0.00	40.09 1.80 0.00	38.90 1.71 0.00	38.02 1.67 0.00	36.10 1.69 0.00	34.90 1.66 0.00	35.50 1.66 0.00	39.22 1.80 0.00	44.21 2.21 -0.29	61.20 2.51 -8.41	70.29 2.87 -5.09	65.19 2.73 -4.42	60.79 2.39 -6.58	56.90 2.39 -4.73	51.53 2.01 -3.77	46.79 1.97 -0.02
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	48.25 1.73 -0.89	45.10 1.61 0.00	42.37 1.59 0.00	42.05 1.58 0.00	42.30 1.63 0.00	45.08 1.65 0.00	52.43 1.88 -2.44	50.60 2.13 0.00	45.26 1.91 0.00	39.98 1.68 0.00	38.82 1.64 0.00	37.98 1.64 0.00	36.00 1.58 0.00	34.80 1.56 0.00	35.43 1.59 0.00	39.11 1.68 0.00	43.89 2.09 -0.10	55.11 2.61 -2.22	67.94 3.05 -2.55	62.44 2.84 -1.56	56.63 2.49 -2.32	53.84 2.39 -1.67	49.14 2.06 -1.33	46.68 1.88 -0.01
N.QUEENS_27_KV_LOAD 356247	48.93 2.37 -0.94	45.66 2.17 0.00	42.98 2.20 0.00	42.70 2.23 0.00	42.83 2.16 0.00	45.26 1.82 0.00	52.75 2.07 -2.57	50.99 2.52 0.00	45.78 2.43 0.00	40.63 2.34 0.00	39.46 2.27 0.00	38.56 2.22 0.00	36.62 2.20 0.00	35.36 2.13 0.01	36.01 2.17 0.00	39.75 2.32 0.00	44.69 2.88 -0.11	55.83 3.22 -2.33	68.69 3.68 -2.68	63.22 3.54 -1.64	57.43 3.16 -2.44	54.48 2.94 -1.75	49.80 2.65 -1.40	47.49 2.69 -0.01
N.TROY___115KV_TB1 355778	55.83 2.19 -8.01	45.62 2.13 0.00	42.82 2.04 0.00	42.50 2.02 0.00	42.71 2.03 0.00	45.56 2.13 0.00	72.50 2.41 -21.99	50.89 2.42 0.00	45.44 2.08 0.00	40.09 1.80 0.00	38.86 1.67 0.00	38.02 1.67 0.00	36.03 1.62 0.00	34.80 1.56 0.00	35.43 1.59 0.00	39.22 1.80 0.00	44.93 2.29 -0.93	72.84 2.61 -19.95	88.32 3.05 -22.93	74.98 2.90 -14.04	75.27 2.54 -20.91	67.29 2.49 -15.01	59.98 2.24 -11.99	47.06 2.19 -0.07
NARROWS_GT1_1 24228	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
NARROWS_GT1_2 24229	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
NARROWS_GT1_3 24230	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
NARROWS_GT1_4 24231	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52

NARROWS_GT1_5 24232	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
NARROWS_GT1_6 24233	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
NARROWS_GT1_7 24234	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
NARROWS_GT1_8 24235	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
NARROWS_GT2_1 24236	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
NARROWS_GT2_2 24237	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
NARROWS_GT2_3 24238	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
NARROWS_GT2_4 24239	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
NARROWS_GT2_5 24240	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
NARROWS_GT2_6 24241	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
NARROWS_GT2_7 24242	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
NARROWS_GT2_8 24243	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	51.30 2.46 -3.21	46.58 3.09 0.00	43.67 2.90 0.00	43.31 2.83 0.00	43.60 2.93 0.00	46.52 3.08 0.00	59.66 2.74 -8.81	51.81 3.34 0.00	46.04 2.69 0.00	40.32 2.03 0.00	39.01 1.82 0.00	38.16 1.82 0.00	36.10 1.69 0.00	34.93 1.70 0.00	35.57 1.73 0.00	39.45 2.02 0.00	44.25 2.17 -0.37	61.19 2.92 -7.99	75.33 3.80 -9.19	67.15 3.48 -5.63	63.31 3.11 -8.38	58.74 2.94 -6.02	53.21 2.65 -4.80	47.96 3.14 -0.03
NCHELSEA_115KV_TR2 355582	48.82 2.24 -0.96	45.62 2.13 0.00	42.86 2.08 0.00	42.54 2.06 0.00	42.79 2.11 0.00	45.61 2.17 0.00	53.24 2.50 -2.62	51.18 2.71 0.00	45.78 2.43 0.00	40.28 1.99 0.00	39.09 1.90 0.00	38.24 1.89 0.00	36.27 1.86 0.00	35.07 1.83 0.00	35.70 1.86 0.00	39.45 2.02 0.00	44.32 2.50 -0.11	55.88 3.22 -2.38	68.94 3.86 -2.74	63.31 3.60 -1.68	57.48 3.16 -2.50	54.61 3.04 -1.79	49.79 2.61 -1.43	47.22 2.42 -0.01
NEG CAPITAL___MECHNVIL 23645	57.64 2.96 -9.05	46.31 2.83 0.00	43.43 2.65 0.00	43.07 2.59 0.00	43.31 2.64 0.00	46.26 2.82 0.00	76.12 3.17 -24.84	51.57 3.10 0.00	45.91 2.56 0.00	40.48 2.18 0.00	39.23 2.04 0.00	38.34 2.00 0.00	36.31 1.89 0.00	35.10 1.86 0.00	35.77 1.93 0.00	39.67 2.25 0.00	45.63 2.88 -1.05	76.28 3.47 -22.53	92.42 4.18 -25.91	77.79 3.89 -15.87	78.92 3.47 -23.62	70.03 3.28 -16.96	62.31 3.02 -13.54	47.83 2.96 -0.08

NEG CENTRAL_HIGH_ACRES 23767	43.11 -2.51 0.00	41.18 -2.31 0.00	38.49 -2.28 0.00	38.25 -2.23 0.00	38.44 -2.24 0.00	41.09 -2.35 0.00	45.56 -2.55 0.00	45.51 -2.96 0.00	40.93 -2.43 0.00	36.26 -2.03 0.00	35.33 -1.86 0.00	34.42 -1.93 0.00	32.42 -2.00 0.00	31.25 -1.99 0.00	31.81 -2.03 0.00	35.41 -2.02 0.00	39.08 -2.63 0.00	47.16 -3.12 0.00	58.66 -3.68 0.00	54.44 -3.60 0.00	48.61 -3.21 0.00	46.60 -3.19 0.00	43.01 -2.74 0.00	42.29 -2.51 0.00
NEG CENTRAL___DRP 24199	44.99 -0.64 0.00	42.88 -0.61 0.00	40.12 -0.65 0.00	39.83 -0.65 0.00	39.98 -0.69 0.00	42.74 -0.69 0.00	47.44 -0.67 0.00	47.50 -0.97 0.00	42.57 -0.78 0.00	37.68 -0.61 0.00	36.63 -0.56 0.00	35.69 -0.65 0.00	33.59 -0.83 0.00	32.41 -0.83 0.00	33.00 -0.85 0.00	36.68 -0.75 0.00	40.66 -1.04 0.00	49.32 -0.96 0.00	61.21 -1.12 0.00	57.05 -0.99 0.00	50.94 -0.88 0.00	48.84 -0.95 0.00	44.93 -0.82 0.00	44.08 -0.72 0.00
NEG CENTRAL___INDECK 23768	44.98 -0.87 -0.22	42.66 -0.83 0.00	39.72 -1.06 0.00	39.38 -1.09 0.00	39.58 -1.10 0.00	42.35 -1.08 0.00	47.71 -1.01 -0.61	46.68 -1.79 0.00	41.71 -1.65 0.00	36.80 -1.49 0.00	35.74 -1.45 0.00	34.75 -1.60 0.00	32.56 -1.86 0.00	31.28 -1.96 0.00	31.88 -1.96 0.00	35.56 -1.87 0.00	39.44 -2.29 -0.03	48.72 -2.11 -0.55	61.16 -1.81 -0.64	56.80 -1.62 -0.39	51.11 -1.29 -0.58	48.81 -1.39 -0.42	45.03 -1.05 -0.33	44.03 -0.76 0.00
NEG CENTRAL___SENECA 23627	45.03 -0.59 0.00	42.88 -0.61 0.00	40.08 -0.69 0.00	39.79 -0.69 0.00	39.94 -0.73 0.00	42.70 -0.74 0.00	47.44 -0.67 0.00	47.40 -1.07 0.00	42.44 -0.91 0.00	37.57 -0.73 0.00	36.56 -0.63 0.00	35.62 -0.73 0.00	33.45 -0.96 0.00	32.24 -1.00 0.00	32.83 -1.02 0.00	36.57 -0.86 0.00	40.50 -1.21 0.00	49.27 -1.01 0.00	61.15 -1.18 0.00	57.11 -0.93 0.00	50.99 -0.83 0.00	48.84 -0.95 0.00	44.93 -0.82 0.00	44.17 -0.63 0.00
NEG CENTRAL___STATE_STREET 24147	45.17 -0.46 0.00	43.01 -0.48 0.00	40.29 -0.49 0.00	40.07 -0.40 0.00	40.22 -0.45 0.00	42.96 -0.48 0.00	47.68 -0.43 0.00	47.89 -0.58 0.00	42.92 -0.43 0.00	38.03 -0.27 0.00	36.97 -0.22 0.00	36.02 -0.33 0.00	33.93 -0.48 0.00	32.77 -0.47 0.00	33.40 -0.44 0.00	37.09 -0.34 0.00	41.12 -0.58 0.00	49.78 -0.50 0.00	61.83 -0.50 0.00	57.46 -0.58 0.00	51.30 -0.52 0.00	49.19 -0.60 0.00	45.16 -0.59 0.00	44.26 -0.54 0.00
NEG MILLWOOD___DRP 24198	49.04 2.46 -0.96	45.88 2.39 0.00	43.06 2.28 0.00	42.70 2.23 0.00	42.95 2.28 0.00	45.78 2.35 0.00	53.48 2.74 -2.62	51.42 2.96 0.00	46.04 2.69 0.00	40.48 2.18 0.00	39.31 2.12 0.00	38.46 2.11 0.00	36.44 2.03 0.00	35.20 1.96 0.00	35.84 2.00 0.00	39.56 2.13 0.00	44.48 2.67 -0.11	56.13 3.47 -2.38	69.25 4.18 -2.74	63.60 3.89 -1.68	57.74 3.42 -2.49	54.91 3.34 -1.79	50.06 2.88 -1.43	47.49 2.69 -0.01
NEG NORTH_FLCN_SEA 23793	43.21 -2.42 0.00	41.23 -2.26 0.00	38.70 -2.08 0.00	38.41 -2.06 0.00	38.68 -1.99 0.00	41.18 -2.26 0.00	45.61 -2.50 0.00	46.00 -2.47 0.00	40.97 -2.38 0.00	35.96 -2.34 0.00	34.92 -2.27 0.00	34.13 -2.22 0.00	32.56 -1.86 0.00	31.41 -1.83 0.00	31.95 -1.90 0.00	35.22 -2.21 0.00	39.58 -2.13 0.00	47.66 -2.61 0.00	59.72 -2.62 0.00	55.66 -2.38 0.00	49.65 -2.18 0.00	47.64 -2.14 0.00	44.10 -1.65 0.00	43.09 -1.70 0.00
NEG NORTH_KES_CHATEGAY 23792	44.03 -1.60 0.00	41.97 -1.52 0.00	39.35 -1.43 0.00	39.06 -1.42 0.00	39.29 -1.38 0.00	41.96 -1.48 0.00	46.43 -1.68 0.00	46.82 -1.65 0.00	41.75 -1.60 0.00	36.72 -1.57 0.00	35.66 -1.52 0.00	34.82 -1.53 0.00	33.14 -1.27 0.00	32.01 -1.23 0.00	32.59 -1.25 0.00	35.93 -1.50 0.00	40.33 -1.38 0.00	48.57 -1.71 0.00	60.65 -1.68 0.00	56.53 -1.51 0.00	50.48 -1.35 0.00	48.44 -1.34 0.00	44.74 -1.01 0.00	43.76 -1.03 0.00
NEG NORTH___ALICE_FALLS 23915	43.53 -2.10 0.00	41.49 -2.00 0.00	38.94 -1.83 0.00	38.69 -1.78 0.00	38.92 -1.75 0.00	41.48 -1.95 0.00	45.94 -2.16 0.00	46.38 -2.08 0.00	41.32 -2.04 0.00	36.26 -2.03 0.00	35.25 -1.93 0.00	34.42 -1.93 0.00	32.83 -1.58 0.00	31.71 -1.53 0.00	32.25 -1.59 0.00	35.52 -1.91 0.00	39.95 -1.75 0.00	48.12 -2.16 0.00	60.34 -1.99 0.00	56.24 -1.80 0.00	50.11 -1.71 0.00	48.09 -1.69 0.00	44.52 -1.24 0.00	43.50 -1.30 0.00
NEG NORTH___LWR_SARANAC 23913	43.53 -2.10 0.00	41.49 -2.00 0.00	38.94 -1.83 0.00	38.69 -1.78 0.00	38.92 -1.75 0.00	41.48 -1.95 0.00	45.94 -2.16 0.00	46.38 -2.08 0.00	41.32 -2.04 0.00	36.26 -2.03 0.00	35.25 -1.93 0.00	34.42 -1.93 0.00	32.83 -1.58 0.00	31.71 -1.53 0.00	32.25 -1.59 0.00	35.52 -1.91 0.00	39.95 -1.75 0.00	48.12 -2.16 0.00	60.34 -1.99 0.00	56.24 -1.80 0.00	50.11 -1.71 0.00	48.09 -1.69 0.00	44.52 -1.24 0.00	43.50 -1.30 0.00
NEG NORTH___PLATTSBURG 23628	43.53 -2.10 0.00	41.49 -2.00 0.00	38.94 -1.83 0.00	38.69 -1.78 0.00	38.84 -1.83 0.00	41.44 -2.00 0.00	45.95 -2.16 0.00	46.39 -2.08 0.00	41.32 -2.04 0.00	36.26 -2.03 0.00	35.25 -1.94 0.00	34.49 -1.85 0.00	32.83 -1.58 0.00	31.71 -1.53 0.00	32.25 -1.59 0.00	35.52 -1.91 0.00	39.95 -1.75 0.00	48.12 -2.16 0.00	60.34 -2.00 0.00	56.24 -1.80 0.00	50.11 -1.71 0.00	48.09 -1.69 0.00	44.52 -1.23 0.00	43.49 -1.30 0.00
NEG WEST_LEA_LOCKPORT 23791	42.07 -3.56 0.00	40.10 -3.39 0.00	37.35 -3.43 0.00	36.95 -3.52 0.00	37.21 -3.46 0.00	39.92 -3.52 0.00	44.31 -3.80 0.00	43.52 -4.94 0.00	39.45 -3.90 0.00	35.08 -3.22 0.00	34.29 -2.90 0.00	33.33 -3.02 0.00	31.35 -3.06 0.00	30.15 -3.09 0.00	30.66 -3.18 0.00	34.21 -3.22 0.00	37.41 -4.30 0.00	45.20 -5.08 0.00	55.98 -6.36 0.00	51.83 -6.21 0.00	46.49 -5.34 0.00	44.61 -5.18 0.00	41.59 -4.16 0.00	41.26 -3.54 0.00
NEG WEST___LANCASTER 23811	43.66 -1.96 0.00	41.75 -1.74 0.00	38.94 -1.83 0.00	38.53 -1.94 0.00	38.80 -1.87 0.00	41.61 -1.82 0.00	46.14 -1.97 0.00	45.51 -2.96 0.00	41.19 -2.17 0.00	36.69 -1.61 0.00	35.81 -1.38 0.00	34.82 -1.53 0.00	32.69 -1.72 0.00	31.48 -1.76 0.00	31.98 -1.86 0.00	35.67 -1.76 0.00	39.04 -2.67 0.00	47.41 -2.87 0.00	58.66 -3.68 0.00	54.27 -3.77 0.00	48.77 -3.06 0.00	46.65 -3.14 0.00	43.42 -2.33 0.00	42.96 -1.84 0.00
NEG_PENN_ALLEGHNY 23528	45.77 -0.27 -0.42	43.27 -0.22 0.00	40.53 -0.24 0.00	40.19 -0.28 0.00	40.39 -0.28 0.00	43.18 -0.26 0.00	49.02 -0.24 -1.15	47.98 -0.48 0.00	42.96 -0.39 0.00	38.07 -0.23 0.00	37.04 -0.15 0.00	36.13 -0.22 0.00	34.04 -0.38 0.00	32.84 -0.40 0.00	33.44 -0.40 0.00	37.13 -0.30 0.00	41.25 -0.50 -0.05	50.97 -0.35 -1.04	63.10 -0.43 -1.20	58.25 -0.52 -0.74	52.50 -0.42 -1.09	50.12 -0.45 -0.79	46.01 -0.37 -0.63	44.53 -0.27 0.00
NEG___GEN_MONROE 24207	43.34 -2.28 0.00	41.23 -2.26 0.00	38.62 -2.16 0.00	38.37 -2.10 0.00	38.60 -2.07 0.00	41.35 -2.08 0.00	45.80 -2.31 0.00	45.41 -3.05 0.00	40.88 -2.47 0.00	36.26 -2.03 0.00	35.33 -1.86 0.00	34.35 -2.00 0.00	32.35 -2.06 0.00	31.18 -2.06 0.00	31.74 -2.10 0.00	35.33 -2.10 0.00	38.83 -2.88 0.00	46.86 -3.42 0.00	58.28 -4.05 0.00	54.21 -3.83 0.00	48.45 -3.37 0.00	46.50 -3.29 0.00	43.05 -2.70 0.00	42.55 -2.24 0.00

NEPA___ENERGY 23901	43.29 -2.55 -0.22	41.18 -2.30 0.00	38.45 -2.32 0.00	38.09 -2.39 0.00	38.35 -2.32 0.00	41.13 -2.30 0.00	46.22 -2.50 -0.61	44.98 -3.49 0.00	40.71 -2.64 0.00	36.30 -1.99 0.00	35.44 -1.75 0.00	34.46 -1.89 0.00	32.35 -2.06 0.00	31.11 -2.13 0.00	31.61 -2.23 0.00	35.22 -2.21 0.00	38.56 -3.17 -0.03	47.41 -3.42 -0.55	58.61 -4.36 -0.64	54.02 -4.41 -0.39	48.78 -3.63 -0.58	46.52 -3.68 -0.42	43.20 -2.88 -0.33	42.42 -2.37 0.00
NEVERSink___HYD 23608	48.73 2.14 -0.96	45.49 2.00 0.00	42.73 1.96 0.00	42.42 1.94 0.00	42.70 2.03 0.00	45.52 2.08 0.00	53.10 2.36 -2.64	51.08 2.62 0.00	45.56 2.21 0.00	40.09 1.80 0.00	38.86 1.68 0.00	38.02 1.67 0.00	36.03 1.62 0.00	34.83 1.60 0.00	35.47 1.62 0.00	39.22 1.80 0.00	44.07 2.25 -0.11	55.69 3.02 -2.39	68.89 3.80 -2.75	63.20 3.48 -1.68	57.44 3.11 -2.51	54.52 2.94 -1.80	49.70 2.51 -1.44	47.18 2.37 -0.01
NEWKRMKL_115KV_TB1 55635	53.41 2.10 -5.69	45.53 2.04 0.00	42.73 1.96 0.00	42.42 1.94 0.00	42.62 1.95 0.00	45.48 2.04 0.00	65.94 2.21 -15.61	50.75 2.28 0.00	45.35 1.99 0.00	40.02 1.72 0.00	38.82 1.64 0.00	37.98 1.64 0.00	36.00 1.58 0.00	34.77 1.53 0.00	35.40 1.56 0.00	39.19 1.76 0.00	44.53 2.17 -0.66	66.96 2.51 -14.17	81.55 2.93 -16.29	70.74 2.73 -9.97	69.11 2.44 -14.85	62.79 2.34 -10.66	56.41 2.15 -8.51	47.00 2.15 -0.05
NEWTON___FALLS_HYD 23847	45.53 -0.09 0.00	43.31 -0.17 0.00	40.65 -0.12 0.00	40.31 -0.16 0.00	40.59 -0.08 0.00	43.04 -0.39 0.00	47.53 -0.58 0.00	48.03 -0.44 0.00	42.79 -0.56 0.00	37.53 -0.77 0.00	36.44 -0.74 0.00	35.40 -0.95 0.00	33.59 -0.83 0.00	32.41 -0.83 0.00	33.03 -0.81 0.00	36.49 -0.94 0.00	40.83 -0.88 0.00	49.57 -0.70 0.00	62.33 0.00 0.00	58.10 0.06 0.00	52.03 0.21 0.00	50.18 0.40 0.00	46.16 0.41 0.00	45.06 0.27 0.00
NGRID_A1_DSASP 323792	41.29 -4.34 0.00	39.57 -3.91 0.00	36.86 -3.91 0.00	36.51 -3.96 0.00	36.73 -3.94 0.00	39.44 -4.00 0.00	43.68 -4.43 0.00	42.90 -5.57 0.00	38.93 -4.42 0.00	34.69 -3.60 0.00	33.88 -3.31 0.00	32.97 -3.38 0.00	31.01 -3.41 0.00	29.85 -3.39 0.00	30.36 -3.49 0.00	33.83 -3.59 0.00	37.03 -4.67 0.00	44.60 -5.68 0.00	55.10 -7.23 0.00	50.90 -7.14 0.00	45.71 -6.12 0.00	43.91 -5.88 0.00	40.95 -4.80 0.00	40.67 -4.12 0.00
NGRID_A2_DSASP 323793	41.29 -4.34 0.00	39.57 -3.91 0.00	36.86 -3.91 0.00	36.51 -3.96 0.00	36.73 -3.94 0.00	39.44 -4.00 0.00	43.68 -4.43 0.00	42.90 -5.57 0.00	38.93 -4.42 0.00	34.69 -3.60 0.00	33.88 -3.31 0.00	32.97 -3.38 0.00	31.01 -3.41 0.00	29.85 -3.39 0.00	30.36 -3.49 0.00	33.83 -3.59 0.00	37.03 -4.67 0.00	44.60 -5.68 0.00	55.10 -7.23 0.00	50.90 -7.14 0.00	45.71 -6.12 0.00	43.91 -5.88 0.00	40.95 -4.80 0.00	40.67 -4.12 0.00
NGRID_A4_DSASP 323807	41.29 -4.34 0.00	39.57 -3.91 0.00	36.86 -3.91 0.00	36.51 -3.96 0.00	36.73 -3.94 0.00	39.44 -4.00 0.00	43.68 -4.43 0.00	42.90 -5.57 0.00	38.93 -4.42 0.00	34.69 -3.60 0.00	33.88 -3.31 0.00	32.97 -3.38 0.00	31.01 -3.41 0.00	29.85 -3.39 0.00	30.36 -3.49 0.00	33.83 -3.59 0.00	37.03 -4.67 0.00	44.60 -5.68 0.00	55.10 -7.23 0.00	50.90 -7.14 0.00	45.71 -6.12 0.00	43.91 -5.88 0.00	40.95 -4.80 0.00	40.67 -4.12 0.00
NIAGARA_115E_LBMP 323715	41.20 -4.42 0.00	39.49 -4.00 0.00	36.78 -3.99 0.00	36.43 -4.05 0.00	36.64 -4.03 0.00	39.35 -4.08 0.00	43.64 -4.47 0.00	42.85 -5.62 0.00	38.85 -4.51 0.00	34.62 -3.68 0.00	33.80 -3.38 0.00	32.86 -3.49 0.00	30.90 -3.51 0.00	29.75 -3.49 0.00	30.25 -3.59 0.00	33.72 -3.71 0.00	36.91 -4.79 0.00	44.50 -5.78 0.00	55.04 -7.29 0.00	50.90 -7.14 0.00	45.66 -6.17 0.00	43.86 -5.93 0.00	40.90 -4.85 0.00	40.63 -4.16 0.00
NIAGARA_115W_LBMP 323714	41.20 -4.42 0.00	39.49 -4.00 0.00	36.82 -3.95 0.00	36.43 -4.05 0.00	36.69 -3.98 0.00	39.35 -4.08 0.00	43.64 -4.47 0.00	42.85 -5.62 0.00	38.85 -4.51 0.00	34.62 -3.68 0.00	33.80 -3.38 0.00	32.89 -3.45 0.00	30.94 -3.47 0.00	29.78 -3.46 0.00	30.29 -3.55 0.00	33.80 -3.63 0.00	36.95 -4.76 0.00	44.50 -5.78 0.00	54.98 -7.36 0.00	50.84 -7.20 0.00	45.60 -6.22 0.00	43.81 -5.98 0.00	40.86 -4.89 0.00	40.58 -4.21 0.00
NIAGARA_230_LBMP 323716	41.65 -3.97 0.00	39.88 -3.61 0.00	37.19 -3.59 0.00	36.83 -3.64 0.00	37.05 -3.62 0.00	39.74 -3.69 0.00	44.07 -4.04 0.00	43.33 -5.14 0.00	39.28 -4.08 0.00	35.00 -3.29 0.00	34.18 -3.01 0.00	33.26 -3.09 0.00	31.28 -3.13 0.00	30.11 -3.13 0.00	30.59 -3.25 0.00	34.13 -3.29 0.00	37.33 -4.38 0.00	45.00 -5.28 0.00	55.60 -6.73 0.00	51.42 -6.62 0.00	46.12 -5.70 0.00	44.31 -5.48 0.00	41.31 -4.44 0.00	40.99 -3.81 0.00
NIAGARA___115KV_198_GIBSON 55903	41.43 -4.20 0.00	39.49 -4.00 0.00	36.82 -3.96 0.00	36.43 -4.05 0.00	36.69 -3.99 0.00	39.35 -4.08 0.00	43.59 -4.52 0.00	42.80 -5.67 0.00	38.85 -4.51 0.00	34.62 -3.68 0.00	33.80 -3.38 0.00	32.89 -3.45 0.00	30.94 -3.48 0.00	29.78 -3.46 0.00	30.29 -3.55 0.00	33.76 -3.67 0.00	36.91 -4.80 0.00	44.50 -5.78 0.00	54.98 -7.36 0.00	50.84 -7.20 0.00	45.60 -6.22 0.00	43.81 -5.97 0.00	40.86 -4.90 0.00	40.58 -4.21 0.00
NIAGARA___ 23760	41.65 -3.97 0.00	39.88 -3.61 0.00	37.19 -3.59 0.00	36.83 -3.64 0.00	37.05 -3.62 0.00	39.74 -3.69 0.00	44.07 -4.04 0.00	43.33 -5.14 0.00	39.28 -4.08 0.00	35.00 -3.29 0.00	34.18 -3.01 0.00	33.26 -3.09 0.00	31.28 -3.13 0.00	30.11 -3.13 0.00	30.59 -3.25 0.00	34.13 -3.29 0.00	37.33 -4.38 0.00	45.00 -5.28 0.00	55.60 -6.73 0.00	51.42 -6.62 0.00	46.12 -5.70 0.00	44.31 -5.48 0.00	41.31 -4.44 0.00	40.99 -3.81 0.00
NINE_MILE_1 23575	44.03 -1.60 0.00	41.97 -1.52 0.00	39.35 -1.43 0.00	39.10 -1.38 0.00	39.29 -1.38 0.00	41.96 -1.48 0.00	46.42 -1.69 0.00	46.63 -1.84 0.00	41.80 -1.56 0.00	37.03 -1.26 0.00	36.00 -1.19 0.00	35.15 -1.20 0.00	33.21 -1.21 0.00	32.04 -1.20 0.00	32.66 -1.19 0.00	36.15 -1.27 0.00	39.99 -1.71 0.00	48.12 -2.16 0.00	59.72 -2.62 0.00	55.54 -2.49 0.00	49.60 -2.23 0.00	47.65 -2.14 0.00	43.78 -1.97 0.00	42.91 -1.88 0.00
NINE_MILE_2 23744	44.03 -1.60 0.00	41.97 -1.52 0.00	39.35 -1.43 0.00	39.10 -1.38 0.00	39.29 -1.38 0.00	41.96 -1.48 0.00	46.42 -1.69 0.00	46.63 -1.84 0.00	41.80 -1.56 0.00	37.03 -1.26 0.00	36.00 -1.19 0.00	35.15 -1.20 0.00	33.21 -1.21 0.00	32.07 -1.16 0.00	32.66 -1.19 0.00	36.15 -1.27 0.00	39.99 -1.71 0.00	48.12 -2.16 0.00	59.72 -2.62 0.00	55.54 -2.49 0.00	49.60 -2.23 0.00	47.65 -2.14 0.00	43.78 -1.97 0.00	42.91 -1.88 0.00
NM_CAPITAL___DRP 24208	53.48 2.01 -5.85	45.45 1.96 0.00	42.65 1.88 0.00	42.33 1.86 0.00	42.54 1.87 0.00	45.39 1.95 0.00	66.27 2.12 -16.04	50.65 2.18 0.00	45.35 1.99 0.00	40.02 1.72 0.00	38.82 1.64 0.00	37.98 1.64 0.00	36.00 1.58 0.00	34.77 1.53 0.00	35.40 1.56 0.00	39.15 1.72 0.00	44.51 2.13 -0.68	67.25 2.41 -14.55	81.81 2.74 -16.73	70.90 2.61 -10.25	69.41 2.33 -15.26	62.98 2.24 -10.95	56.56 2.06 -8.75	46.86 2.02 -0.05

NM_CENTRAL___DRP 24181	44.80 -0.82 0.00	42.71 -0.78 0.00	40.04 -0.73 0.00	39.79 -0.69 0.00	39.94 -0.73 0.00	42.65 -0.78 0.00	47.24 -0.87 0.00	47.45 -1.02 0.00	42.53 -0.82 0.00	37.68 -0.61 0.00	36.67 -0.52 0.00	35.77 -0.58 0.00	33.73 -0.69 0.00	32.57 -0.66 0.00	33.17 -0.68 0.00	36.79 -0.64 0.00	40.70 -1.00 0.00	49.12 -1.16 0.00	60.96 -1.37 0.00	56.65 -1.39 0.00	50.63 -1.19 0.00	48.59 -1.19 0.00	44.61 -1.14 0.00	43.76 -1.03 0.00
NM_FRONTIER___DRP 24179	41.43 -4.20 0.00	39.49 -4.00 0.00	36.82 -3.96 0.00	36.43 -4.05 0.00	36.69 -3.99 0.00	39.35 -4.08 0.00	43.59 -4.52 0.00	42.80 -5.67 0.00	38.85 -4.51 0.00	34.62 -3.68 0.00	33.80 -3.38 0.00	32.89 -3.45 0.00	30.94 -3.48 0.00	29.78 -3.46 0.00	30.29 -3.55 0.00	33.76 -3.67 0.00	36.91 -4.80 0.00	44.50 -5.78 0.00	54.98 -7.36 0.00	50.84 -7.20 0.00	45.60 -6.22 0.00	43.81 -5.97 0.00	40.86 -4.90 0.00	40.58 -4.21 0.00
NM_ST_REGIS___HYD 24053	44.89 -0.73 0.00	42.75 -0.74 0.00	40.08 -0.69 0.00	39.79 -0.69 0.00	40.06 -0.61 0.00	42.48 -0.96 0.00	46.91 -1.20 0.00	47.35 -1.11 0.00	42.27 -1.08 0.00	37.11 -1.19 0.00	36.04 -1.15 0.00	35.18 -1.16 0.00	33.52 -0.89 0.00	32.34 -0.90 0.00	32.93 -0.91 0.00	36.30 -1.12 0.00	40.75 -0.96 0.00	49.17 -1.11 0.00	61.65 -0.69 0.00	57.46 -0.58 0.00	51.41 -0.41 0.00	49.59 -0.20 0.00	45.75 0.00 0.00	44.66 -0.13 0.00
NORTHPORT___1 23551	49.16 2.60 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.58 2.10 0.00	43.07 2.40 0.00	46.26 2.82 0.00	57.45 3.22 -6.12	59.32 3.54 -7.31	46.17 2.82 0.00	40.51 2.22 0.00	39.16 1.97 0.00	38.24 1.89 0.00	36.27 1.86 0.00	35.07 1.83 0.00	35.80 1.96 0.00	39.71 2.28 0.00	44.94 3.13 -0.11	56.43 3.82 -2.33	69.44 4.43 -2.68	63.68 4.00 -1.64	57.84 3.57 -2.44	55.17 3.63 -1.75	50.27 3.11 -1.41	47.80 3.00 -0.01
NORTHPORT___2 23552	49.16 2.60 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.58 2.10 0.00	43.07 2.40 0.00	46.26 2.82 0.00	57.45 3.22 -6.12	59.32 3.54 -7.31	46.17 2.82 0.00	40.51 2.22 0.00	39.16 1.97 0.00	38.24 1.89 0.00	36.27 1.86 0.00	35.07 1.83 0.00	35.80 1.96 0.00	39.71 2.28 0.00	44.94 3.13 -0.11	56.43 3.82 -2.33	69.44 4.43 -2.68	63.68 4.00 -1.64	57.84 3.57 -2.44	55.17 3.63 -1.75	50.27 3.11 -1.41	47.80 3.00 -0.01
NORTHPORT___3 23553	49.21 2.65 -0.94	45.88 2.39 0.00	43.06 2.28 0.00	42.66 2.18 0.00	43.11 2.44 0.00	46.17 2.74 0.00	57.40 3.17 -6.12	59.22 3.44 -7.31	46.22 2.86 0.00	40.55 2.26 0.00	39.31 2.12 0.00	38.38 2.03 0.00	36.41 2.00 0.00	35.23 1.99 0.00	35.94 2.10 0.00	39.82 2.40 0.00	45.02 3.21 -0.11	56.23 3.62 -2.33	68.88 3.87 -2.68	63.16 3.48 -1.64	57.59 3.32 -2.44	55.17 3.63 -1.75	50.45 3.30 -1.41	47.85 3.05 -0.01
NORTHPORT___4 23650	49.21 2.65 -0.94	45.88 2.39 0.00	43.06 2.28 0.00	42.66 2.18 0.00	43.11 2.44 0.00	46.17 2.74 0.00	57.40 3.17 -6.12	59.22 3.44 -7.31	46.22 2.86 0.00	40.55 2.26 0.00	39.31 2.12 0.00	38.38 2.03 0.00	36.41 2.00 0.00	35.23 1.99 0.00	35.94 2.10 0.00	39.82 2.40 0.00	45.02 3.21 -0.11	56.23 3.62 -2.33	68.88 3.87 -2.68	63.16 3.48 -1.64	57.59 3.32 -2.44	55.17 3.63 -1.75	50.45 3.30 -1.41	47.85 3.05 -0.01
NORTHPORT___IC 23718	49.12 2.55 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.58 2.10 0.00	43.07 2.40 0.00	46.21 2.78 0.00	57.45 3.22 -6.12	59.32 3.54 -7.31	46.17 2.82 0.00	40.48 2.18 0.00	39.16 1.97 0.00	38.24 1.89 0.00	36.24 1.82 0.00	35.07 1.83 0.00	35.81 1.96 0.00	39.67 2.25 0.00	44.98 3.17 -0.11	56.43 3.82 -2.33	69.44 4.43 -2.68	63.68 4.00 -1.64	57.84 3.58 -2.44	55.22 3.68 -1.75	50.26 3.11 -1.40	47.80 3.00 -0.01
NORTH___COUNTRY_ESR 323785	43.98 -1.64 0.00	41.92 -1.56 0.00	39.27 -1.51 0.00	38.98 -1.50 0.00	39.17 -1.50 0.00	41.78 -1.65 0.00	46.33 -1.78 0.00	46.73 -1.74 0.00	41.66 -1.69 0.00	36.65 -1.65 0.00	35.63 -1.56 0.00	34.86 -1.49 0.00	33.11 -1.31 0.00	31.98 -1.26 0.00	32.52 -1.32 0.00	35.89 -1.54 0.00	40.24 -1.46 0.00	48.47 -1.81 0.00	60.47 -1.87 0.00	56.35 -1.68 0.00	50.32 -1.50 0.00	48.34 -1.45 0.00	44.61 -1.14 0.00	43.63 -1.16 0.00
NPX_GEN_1385_PROXY 323591	49.07 2.51 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.58 2.10 0.00	43.07 2.40 0.00	46.26 2.82 0.00	57.35 3.13 -6.12	59.22 3.44 -7.31	46.48 3.12 0.00	40.67 2.38 0.00	39.05 1.86 0.00	38.09 1.74 0.00	36.13 1.72 0.00	34.93 1.69 0.00	35.70 1.86 0.00	39.56 2.13 0.00	44.65 2.84 -0.11	58.36 3.62 -4.46	66.69 3.80 -0.55	63.04 3.36 -1.64	57.17 2.90 -2.44	54.58 3.04 -1.75	49.58 2.42 -1.41	47.67 2.87 -0.01
NPX_GEN_CSC 323557	48.93 2.37 -0.94	45.53 2.04 0.00	42.73 1.96 0.00	42.34 1.86 0.00	43.11 2.44 0.00	46.65 3.21 0.00	57.93 3.70 -6.12	59.80 4.02 -7.31	45.91 2.56 0.00	40.17 1.88 0.00	38.86 1.68 0.00	37.87 1.53 0.00	35.89 1.48 0.00	34.70 1.46 0.00	35.50 1.66 0.00	39.41 1.98 0.00	44.94 3.13 -0.11	58.41 3.67 -4.46	67.37 4.49 -0.55	63.68 4.00 -1.64	57.79 3.53 -2.44	55.32 3.78 -1.75	50.27 3.11 -1.41	47.71 2.91 -0.01
NSINS_S___GLNS_FALLS 23858	58.97 3.97 -9.37	47.19 3.70 0.00	44.20 3.43 0.00	43.83 3.36 0.00	44.05 3.38 0.00	47.08 3.65 0.00	78.06 4.23 -25.72	52.54 4.07 0.00	46.61 3.25 0.00	41.05 2.76 0.00	39.79 2.60 0.00	38.82 2.47 0.00	36.69 2.27 0.00	35.50 2.26 0.00	36.18 2.34 0.00	40.23 2.81 0.00	46.46 3.67 -1.09	78.19 4.58 -23.33	94.77 5.61 -26.82	79.63 5.17 -16.43	80.94 4.66 -24.46	71.67 4.33 -17.56	63.84 4.07 -14.02	48.82 3.94 -0.09
NUCOR_STEEL___DRP 24197	45.35 -0.27 0.00	43.23 -0.26 0.00	40.49 -0.29 0.00	40.27 -0.20 0.00	40.43 -0.24 0.00	43.17 -0.26 0.00	47.87 -0.24 0.00	48.08 -0.39 0.00	43.05 -0.30 0.00	38.14 -0.15 0.00	37.04 -0.15 0.00	36.09 -0.25 0.00	34.00 -0.41 0.00	32.84 -0.40 0.00	33.47 -0.37 0.00	37.16 -0.26 0.00	41.16 -0.54 0.00	49.83 -0.45 0.00	61.90 -0.44 0.00	57.52 -0.52 0.00	51.36 -0.47 0.00	49.34 -0.45 0.00	45.29 -0.46 0.00	44.39 -0.40 0.00
NUMBER_THREE_WT_PWR 323818	46.26 0.64 0.00	44.01 0.52 0.00	41.35 0.57 0.00	41.00 0.52 0.00	41.24 0.57 0.00	43.82 0.39 0.00	48.49 0.38 0.00	49.00 0.53 0.00	43.62 0.26 0.00	38.26 -0.04 0.00	37.11 -0.07 0.00	35.84 -0.51 0.00	33.90 -0.52 0.00	32.71 -0.53 0.00	33.37 -0.47 0.00	36.94 -0.49 0.00	41.29 -0.42 0.00	50.23 -0.05 0.00	63.33 0.99 0.00	59.08 1.05 0.00	52.91 1.09 0.00	50.98 1.19 0.00	46.76 1.01 0.00	45.69 0.90 0.00
NYISO_LBMP_REFERENCE 24008	45.62 0.00 0.00	43.49 0.00 0.00	40.78 0.00 0.00	40.47 0.00 0.00	40.67 0.00 0.00	43.43 0.00 0.00	48.11 0.00 0.00	48.47 0.00 0.00	43.35 0.00 0.00	38.29 0.00 0.00	37.19 0.00 0.00	36.35 0.00 0.00	34.41 0.00 0.00	33.24 0.00 0.00	33.84 0.00 0.00	37.43 0.00 0.00	41.70 0.00 0.00	50.28 0.00 0.00	62.33 0.00 0.00	58.04 0.00 0.00	51.82 0.00 0.00	49.78 0.00 0.00	45.75 0.00 0.00	44.79 0.00 0.00

NYPA_BRENTWD____GT 24164	49.57 3.01 -0.94	46.19 2.70 0.00	43.35 2.57 0.00	42.94 2.47 0.00	43.48 2.80 0.00	46.69 3.26 0.00	57.98 3.75 -6.12	59.80 4.02 -7.31	46.52 3.16 0.00	40.75 2.45 0.00	39.46 2.27 0.00	38.49 2.14 0.00	36.48 2.06 0.00	35.30 2.06 0.00	36.08 2.23 0.00	40.01 2.58 0.00	45.40 3.59 -0.11	56.98 4.37 -2.33	70.25 5.24 -2.68	64.38 4.70 -1.64	58.46 4.20 -2.44	55.77 4.23 -1.75	50.86 3.70 -1.41	48.30 3.50 -0.01
NYPA_GOWANUS____GT5 24156	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
NYPA_GOWANUS____GT6 24157	59.12 3.88 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.50 2.52 -15.30	58.51 2.47 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.34 2.99 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.18 2.58 -23.18	60.17 2.49 -24.43	60.14 2.50 -23.79	61.30 2.70 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.23 -6.02	64.74 3.78 -9.13	63.76 3.54 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52
NYPA_HARLEM_RVR_GT1 24160	49.34 2.78 -0.94	45.62 2.13 0.00	42.94 2.16 0.00	42.66 2.18 0.00	42.79 2.11 0.00	45.25 1.82 0.01	52.74 2.07 -2.56	50.93 2.47 0.01	45.73 2.38 0.01	40.58 2.30 0.01	39.37 2.19 0.01	38.48 2.14 0.01	36.58 2.17 0.01	35.33 2.10 0.01	35.93 2.10 0.01	39.66 2.25 0.01	44.57 2.75 -0.11	55.77 3.17 -2.32	68.62 3.61 -2.67	63.09 3.42 -1.63	57.32 3.06 -2.44	54.37 2.84 -1.75	49.76 2.61 -1.40	47.45 2.64 -0.01
NYPA_HARLEM_RVR_GT2 24161	49.34 2.78 -0.94	45.62 2.13 0.00	42.94 2.16 0.00	42.66 2.18 0.00	42.79 2.11 0.00	45.25 1.82 0.01	52.74 2.07 -2.56	50.93 2.47 0.01	45.73 2.38 0.01	40.58 2.30 0.01	39.37 2.19 0.01	38.48 2.14 0.01	36.58 2.17 0.01	35.33 2.10 0.01	35.93 2.10 0.01	39.66 2.25 0.01	44.57 2.75 -0.11	55.77 3.17 -2.32	68.62 3.61 -2.67	63.09 3.42 -1.63	57.32 3.06 -2.44	54.37 2.84 -1.75	49.76 2.61 -1.40	47.45 2.64 -0.01
NYPA_KENT____GT 24152	54.87 3.33 -5.92	53.49 2.39 -7.61	51.83 2.32 -8.73	51.71 2.35 -8.89	51.80 2.36 -8.77	52.96 2.30 -7.22	56.67 2.60 -5.97	56.42 3.01 -4.94	54.77 2.82 -8.60	51.88 2.61 -10.98	51.37 2.53 -11.66	50.97 2.44 -12.19	50.15 2.44 -13.29	49.93 2.36 -14.33	49.85 2.37 -13.64	52.11 2.55 -12.14	55.55 3.04 -10.81	60.99 3.62 -7.09	69.29 4.24 -2.71	66.19 4.00 -4.15	61.67 3.57 -6.28	59.90 3.39 -6.73	57.81 2.97 -9.09	55.42 2.87 -7.75
NYPA_POUCH1____GT 24155	59.53 4.29 -9.62	59.19 2.43 -13.27	58.41 2.41 -15.23	58.41 2.43 -15.51	58.41 2.44 -15.30	58.42 2.39 -12.60	59.25 2.64 -8.50	60.10 3.01 -8.62	61.17 2.82 -15.00	60.05 2.61 -19.15	60.05 2.53 -20.33	60.08 2.47 -21.26	60.07 2.48 -23.18	60.03 2.36 -24.43	60.04 2.40 -23.79	61.15 2.55 -21.18	63.52 3.04 -18.77	64.47 3.57 -10.63	69.18 4.11 -2.73	68.00 3.95 -6.02	64.48 3.53 -9.13	63.56 3.34 -10.44	63.54 2.97 -14.81	61.18 2.87 -13.52
NYPA_VERNON____GT2 24162	50.66 2.83 -2.																							

OAK ORCHARD___HYD 24046	43.39 -2.23 0.00	41.45 -2.04 0.00	38.74 -2.04 0.00	38.45 -2.02 0.00	38.64 -2.03 0.00	41.39 -2.04 0.00	45.90 -2.21 0.00	45.66 -2.81 0.00	41.10 -2.26 0.00	36.46 -1.84 0.00	35.55 -1.64 0.00	34.64 -1.71 0.00	32.62 -1.79 0.00	31.44 -1.80 0.00	31.98 -1.86 0.00	35.63 -1.80 0.00	39.24 -2.46 0.00	47.31 -2.97 0.00	58.84 -3.49 0.00	54.56 -3.48 0.00	48.77 -3.06 0.00	46.75 -3.04 0.00	43.23 -2.52 0.00	42.60 -2.19 0.00
OAKDALE___35_KV_LOAD 356122	45.69 -0.36 -0.43	43.14 -0.35 0.00	40.41 -0.37 0.00	40.11 -0.36 0.00	40.31 -0.37 0.00	43.04 -0.39 0.00	48.92 -0.38 -1.19	47.84 -0.63 0.00	42.88 -0.48 0.00	37.99 -0.31 0.00	36.93 -0.26 0.00	36.06 -0.29 0.00	34.00 -0.41 0.00	32.81 -0.43 0.00	33.40 -0.44 0.00	37.02 -0.41 0.00	41.13 -0.63 -0.05	50.86 -0.50 -1.08	62.95 -0.62 -1.24	58.10 -0.70 -0.76	52.39 -0.57 -1.13	50.00 -0.60 -0.81	45.90 -0.50 -0.65	44.44 -0.36 0.00
OCC_CHEM___DRP 24175	41.47 -4.15 0.00	39.57 -3.91 0.00	36.86 -3.91 0.00	36.51 -3.97 0.00	36.73 -3.95 0.00	39.39 -4.04 0.00	43.68 -4.43 0.00	42.89 -5.57 0.00	38.93 -4.42 0.00	34.66 -3.64 0.00	33.88 -3.31 0.00	32.97 -3.38 0.00	31.01 -3.41 0.00	29.85 -3.39 0.00	30.36 -3.49 0.00	33.83 -3.59 0.00	36.95 -4.75 0.00	44.60 -5.68 0.00	55.10 -7.23 0.00	50.90 -7.14 0.00	45.71 -6.12 0.00	43.91 -5.87 0.00	40.95 -4.80 0.00	40.67 -4.12 0.00
OH_GEN_PROXY 24063	41.70 -3.92 0.00	39.92 -3.57 0.00	37.23 -3.55 0.00	36.87 -3.60 0.00	37.13 -3.54 0.00	39.83 -3.60 0.00	44.17 -3.94 0.00	43.43 -5.04 0.00	39.37 -3.99 0.00	35.08 -3.22 0.00	34.25 -2.94 0.00	33.33 -3.02 0.00	31.35 -3.06 0.00	30.18 -3.06 0.00	30.66 -3.18 0.00	34.21 -3.22 0.00	37.45 -4.25 0.00	47.28 -5.13 -2.13	53.66 -6.54 2.13	51.59 -6.44 0.00	46.28 -5.54 0.00	44.46 -5.33 0.00	41.40 -4.35 0.00	41.08 -3.72 0.00
OLIN_CORP_DRP 24177	41.52 -4.11 0.00	39.57 -3.91 0.00	36.90 -3.87 0.00	36.51 -3.97 0.00	36.77 -3.90 0.00	39.44 -4.00 0.00	43.73 -4.43 0.00	42.94 -5.53 0.00	38.93 -4.42 0.00	34.69 -3.60 0.00	33.88 -3.31 0.00	32.97 -3.38 0.00	31.01 -3.41 0.00	29.85 -3.39 0.00	30.32 -3.52 0.00	33.83 -3.59 0.00	36.95 -4.75 0.00	44.65 -5.63 0.00	55.17 -7.17 0.00	51.02 -7.02 0.00	45.76 -6.06 0.00	43.96 -5.82 0.00	40.99 -4.76 0.00	40.72 -4.08 0.00
OLIN_CORP_DSASP 323712	41.29 -4.34 0.00	39.57 -3.91 0.00	36.86 -3.91 0.00	36.51 -3.96 0.00	36.73 -3.94 0.00	39.44 -4.00 0.00	43.68 -4.43 0.00	42.90 -5.57 0.00	38.93 -4.42 0.00	34.69 -3.60 0.00	33.88 -3.31 0.00	32.97 -3.38 0.00	31.01 -3.41 0.00	29.85 -3.39 0.00	30.36 -3.49 0.00	33.83 -3.59 0.00	37.03 -4.67 0.00	44.60 -5.68 0.00	55.10 -7.23 0.00	50.90 -7.14 0.00	45.71 -6.12 0.00	43.91 -5.88 0.00	40.95 -4.80 0.00	40.67 -4.12 0.00
ONEIDA_HERK_LFGE 323681	46.67 1.05 0.00	44.40 0.91 0.00	41.67 0.90 0.00	41.36 0.89 0.00	41.57 0.89 0.00	44.30 0.87 0.00	49.02 0.91 0.00	49.53 1.06 0.00	44.18 0.82 0.00	38.87 0.58 0.00	37.71 0.52 0.00	36.64 0.29 0.00	34.66 0.24 0.00	33.44 0.20 0.00	34.08 0.24 0.00	37.76 0.34 0.00	42.12 0.42 0.00	51.13 0.85 0.00	63.89 1.56 0.00	59.49 1.45 0.00	53.17 1.35 0.00	51.18 1.39 0.00	46.94 1.19 0.00	45.87 1.07 0.00
ONEIDA___115KV_TB4 55905	46.81 1.19 0.00	44.58 1.09 0.00	41.80 1.02 0.00	41.48 1.01 0.00	41.69 1.02 0.00	44.48 1.04 0.00	49.31 1.20 0.00	49.63 1.16 0.00	44.35 1.00 0.00	39.10 0.80 0.00	37.97 0.78 0.00	36.96 0.62 0.00	34.90 0.48 0.00	33.67 0.43 0.00	34.32 0.47 0.00	38.06 0.64 0.00	42.41 0.71 0.00	51.43 1.16 0.00	64.02 1.68 0.00	59.55 1.51 0.00	53.22 1.40 0.00	51.13 1.34 0.00	46.89 1.14 0.00	45.87 1.08 0.00
ONONDAGA_REF_OCCRA 23987	44.99 -0.64 0.00	42.88 -0.61 0.00	40.21 -0.57 0.00	39.95 -0.53 0.00	40.10 -0.57 0.00	42.83 -0.61 0.00	47.44 -0.67 0.00	47.64 -0.82 0.00	42.70 -0.65 0.00	37.83 -0.46 0.00	36.78 -0.41 0.00	35.91 -0.44 0.00	33.86 -0.55 0.00	32.67 -0.57 0.00	33.30 -0.54 0.00	36.94 -0.49 0.00	40.87 -0.83 0.00	49.37 -0.91 0.00	61.34 -1.00 0.00	56.99 -1.04 0.00	50.89 -0.93 0.00	48.84 -0.95 0.00	44.88 -0.87 0.00	43.99 -0.81 0.00
ONONDAGA___COGEN 23986	45.12 -0.50 0.00	43.01 -0.48 0.00	40.29 -0.49 0.00	40.03 -0.45 0.00	40.18 -0.49 0.00	42.91 -0.52 0.00	47.53 -0.58 0.00	47.79 -0.68 0.00	42.79 -0.56 0.00	37.95 -0.34 0.00	36.89 -0.30 0.00	35.98 -0.36 0.00	33.93 -0.48 0.00	32.77 -0.47 0.00	33.37 -0.47 0.00	37.02 -0.41 0.00	41.00 -0.71 0.00	49.47 -0.80 0.00	61.46 -0.87 0.00	57.11 -0.93 0.00	50.99 -0.83 0.00	48.94 -0.85 0.00	44.97 -0.78 0.00	44.08 -0.72 0.00
ONTARIO___LFGE 23819	44.94 -0.68 0.00	42.88 -0.61 0.00	40.08 -0.69 0.00	39.78 -0.69 0.00	39.94 -0.73 0.00	42.74 -0.70 0.00	47.44 -0.67 0.00	47.40 -1.07 0.00	42.44 -0.91 0.00	37.61 -0.69 0.00	36.56 -0.63 0.00	35.58 -0.77 0.00	33.49 -0.93 0.00	32.24 -1.00 0.00	32.83 -1.01 0.00	36.57 -0.86 0.00	40.54 -1.17 0.00	49.27 -1.01 0.00	61.15 -1.19 0.00	57.11 -0.93 0.00	50.99 -0.83 0.00	48.84 -0.95 0.00	44.93 -0.82 0.00	44.17 -0.63 0.00
ORANGEVILLE_WT_PWR 323706	42.63 -3.24 -0.24	40.36 -3.13 0.00	37.48 -3.30 0.00	37.11 -3.36 0.00	37.42 -3.26 0.00	40.18 -3.26 0.00	45.31 -3.46 -0.66	44.01 -4.46 0.00	39.45 -3.90 0.00	34.96 -3.33 0.00	34.06 -3.12 0.00	33.18 -3.16 0.00	31.18 -3.24 0.00	29.92 -3.32 0.00	30.36 -3.49 0.00	33.83 -3.59 0.00	37.44 -4.29 -0.03	46.25 -4.62 -0.60	57.41 -5.61 -0.69	53.12 -5.34 -0.42	47.89 -4.56 -0.63	45.90 -4.33 -0.45	42.59 -3.52 -0.36	41.80 -3.00 0.00
ORANGEVILLE___ESR 323794	42.63 -3.24 -0.24	40.36 -3.13 0.00	37.48 -3.30 0.00	37.11 -3.36 0.00	37.42 -3.26 0.00	40.18 -3.26 0.00	45.31 -3.46 -0.66	44.01 -4.46 0.00	39.45 -3.90 0.00	34.96 -3.33 0.00	34.06 -3.12 0.00	33.18 -3.16 0.00	31.18 -3.24 0.00	29.92 -3.32 0.00	30.36 -3.49 0.00	33.83 -3.59 0.00	37.44 -4.29 -0.03	46.25 -4.62 -0.60	57.41 -5.61 -0.69	53.12 -5.34 -0.42	47.89 -4.56 -0.63	45.90 -4.33 -0.45	42.59 -3.52 -0.36	41.80 -3.00 0.00
OSWEGATCHIE___HYD 24044	45.53 -0.09 0.00	43.32 -0.17 0.00	40.66 -0.12 0.00	40.31 -0.16 0.00	40.55 -0.12 0.00	43.00 -0.43 0.00	47.53 -0.58 0.00	48.03 -0.44 0.00	42.79 -0.56 0.00	37.53 -0.77 0.00	36.44 -0.74 0.00	35.40 -0.95 0.00	33.59 -0.83 0.00	32.41 -0.83 0.00	33.03 -0.81 0.00	36.49 -0.93 0.00	40.83 -0.88 0.00	49.57 -0.70 0.00	62.33 0.00 0.00	58.10 0.06 0.00	52.03 0.21 0.00	50.18 0.40 0.00	46.16 0.41 0.00	45.06 0.27 0.00
OSWEGO___5 23606	44.30 -1.32 0.00	42.27 -1.22 0.00	39.64 -1.14 0.00	39.38 -1.09 0.00	39.53 -1.14 0.00	42.22 -1.22 0.00	46.71 -1.40 0.00	46.97 -1.50 0.00	42.10 -1.26 0.00	37.26 -1.03 0.00	36.22 -0.97 0.00	35.37 -0.98 0.00	33.41 -1.00 0.00	32.24 -1.00 0.00	32.83 -1.01 0.00	36.38 -1.05 0.00	40.29 -1.42 0.00	48.52 -1.76 0.00	60.21 -2.12 0.00	56.01 -2.03 0.00	50.01 -1.82 0.00	48.04 -1.74 0.00	44.15 -1.60 0.00	43.27 -1.52 0.00

OSWEGO___6 23613	44.30 -1.32 0.00	42.27 -1.22 0.00	39.64 -1.14 0.00	39.38 -1.09 0.00	39.53 -1.14 0.00	42.22 -1.22 0.00	46.71 -1.40 0.00	46.97 -1.50 0.00	42.10 -1.26 0.00	37.26 -1.03 0.00	36.22 -0.97 0.00	35.37 -0.98 0.00	33.41 -1.00 0.00	32.24 -1.00 0.00	32.83 -1.01 0.00	36.38 -1.05 0.00	40.29 -1.42 0.00	48.52 -1.76 0.00	60.21 -2.12 0.00	56.01 -2.03 0.00	50.01 -1.82 0.00	48.04 -1.74 0.00	44.15 -1.60 0.00	43.27 -1.52 0.00
OUTOKUMPU-AB___DRP 24206	42.43 -3.19 0.00	40.53 -2.96 0.00	37.76 -3.02 0.00	37.36 -3.12 0.00	37.62 -3.05 0.00	40.35 -3.08 0.00	44.74 -3.37 0.00	43.96 -4.51 0.00	39.89 -3.47 0.00	35.54 -2.76 0.00	34.70 -2.49 0.00	33.73 -2.62 0.00	31.73 -2.68 0.00	30.51 -2.73 0.00	31.03 -2.81 0.00	34.62 -2.81 0.00	37.87 -3.84 0.00	45.75 -4.53 0.00	56.66 -5.67 0.00	52.35 -5.69 0.00	47.00 -4.82 0.00	45.10 -4.68 0.00	42.00 -3.75 0.00	41.70 -3.09 0.00
OXBOW___BTM 323836	41.70 -3.92 0.00	39.97 -3.52 0.00	37.23 -3.55 0.00	36.83 -3.64 0.00	37.09 -3.58 0.00	39.79 -3.65 0.00	44.12 -3.99 0.00	43.38 -5.09 0.00	39.32 -4.03 0.00	35.04 -3.26 0.00	34.21 -2.98 0.00	33.29 -3.05 0.00	31.32 -3.10 0.00	30.11 -3.13 0.00	30.63 -3.22 0.00	34.17 -3.26 0.00	37.41 -4.29 0.00	45.10 -5.18 0.00	55.79 -6.54 0.00	51.54 -6.50 0.00	46.28 -5.54 0.00	44.41 -5.38 0.00	41.40 -4.35 0.00	41.12 -3.67 0.00
OXBOW____ 24026	41.88 -3.74 0.00	39.97 -3.52 0.00	37.23 -3.55 0.00	36.83 -3.64 0.00	37.09 -3.58 0.00	39.79 -3.65 0.00	44.12 -3.99 0.00	43.38 -5.09 0.00	39.32 -4.03 0.00	35.04 -3.25 0.00	34.21 -2.98 0.00	33.29 -3.05 0.00	31.32 -3.10 0.00	30.11 -3.12 0.00	30.63 -3.22 0.00	34.17 -3.26 0.00	37.37 -4.34 0.00	45.10 -5.18 0.00	55.79 -6.55 0.00	51.54 -6.50 0.00	46.28 -5.55 0.00	44.41 -5.38 0.00	41.40 -4.35 0.00	41.12 -3.67 0.00
OXY_CHEM_DSASP 323612	41.47 -4.15 0.00	39.57 -3.91 0.00	36.86 -3.91 0.00	36.51 -3.97 0.00	36.73 -3.95 0.00	39.39 -4.04 0.00	43.68 -4.43 0.00	42.89 -5.57 0.00	38.93 -4.42 0.00	34.66 -3.64 0.00	33.88 -3.31 0.00	32.97 -3.38 0.00	31.01 -3.41 0.00	29.85 -3.39 0.00	30.36 -3.49 0.00	33.83 -3.59 0.00	36.95 -4.75 0.00	44.60 -5.68 0.00	55.10 -7.23 0.00	50.90 -7.14 0.00	45.71 -6.12 0.00	43.91 -5.87 0.00	40.95 -4.80 0.00	40.67 -4.12 0.00
OZONE_PARK_ESR 323760	49.02 2.46 -0.94	45.75 2.26 0.00	42.94 2.16 0.00	42.66 2.19 0.00	42.87 2.20 0.00	45.65 2.22 0.00	53.28 2.60 -2.57	51.47 3.01 0.00	46.13 2.77 0.00	40.78 2.49 0.00	39.61 2.42 0.00	38.71 2.36 0.00	36.72 2.31 0.00	35.50 2.26 0.00	36.11 2.27 0.00	39.86 2.43 0.00	44.77 2.96 -0.11	56.28 3.67 -2.33	69.31 4.30 -2.68	63.80 4.12 -1.64	57.89 3.63 -2.44	54.92 3.39 -1.75	50.08 2.93 -1.40	47.54 2.73 -0.01
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	41.47 -4.15 0.00	39.57 -3.91 0.00	36.86 -3.91 0.00	36.51 -3.97 0.00	36.73 -3.95 0.00	39.39 -4.04 0.00	43.68 -4.43 0.00	42.89 -5.57 0.00	38.93 -4.42 0.00	34.66 -3.64 0.00	33.88 -3.31 0.00	32.97 -3.38 0.00	31.01 -3.41 0.00	29.85 -3.39 0.00	30.36 -3.49 0.00	33.83 -3.59 0.00	36.95 -4.75 0.00	44.60 -5.68 0.00	55.10 -7.23 0.00	50.90 -7.14 0.00	45.71 -6.12 0.00	43.91 -5.87 0.00	40.95 -4.80 0.00	40.67 -4.12 0.00
PACKARD___115KV_DUPONT_184 80571	41.47 -4.15 0.00	39.57 -3.91 0.00	36.86 -3.91 0.00	36.51 -3.97 0.00	36.73 -3.95 0.00	39.39 -4.04 0.00	43.68 -4.43 0.00	42.89 -5.57 0.00	38.93 -4.42 0.00	34.66 -3.64 0.00	33.88 -3.31 0.00	32.97 -3.38 0.00	31.01 -3.41 0.00	29.85 -3.39 0.00	30.36 -3.49 0.00	33.83 -3.59 0.00	36.95 -4.75 0.00	44.60 -5.68 0.00	55.10 -7.23 0.00	50.90 -7.14 0.00	45.71 -6.12 0.00	43.91 -5.87 0.00	40.95 -4.80 0.00	40.67 -4.12 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	48.93 2.37 -0.94	45.66 2.17 0.00	42.94 2.16 0.00	42.66 2.19 0.00	42.79 2.11 0.00	45.30 1.87 0.00	52.80 2.12 -2.57	50.99 2.52 0.00	45.78 2.43 0.00	40.51 2.22 0.00	39.38 2.19 0.00	38.46 2.11 0.00	36.51 2.10 0.00	35.29 2.06 0.01	35.91 2.06 0.00	39.63 2.21 0.00	44.52 2.71 -0.11	55.78 3.17 -2.33	68.63 3.62 -2.68	63.16 3.48 -1.64	57.38 3.11 -2.44	54.43 2.89 -1.75	49.80 2.65 -1.40	47.45 2.64 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	49.12 2.55 -0.94	45.88 2.39 0.00	43.14 2.37 0.00	42.82 2.35 0.00	42.99 2.32 0.00	45.52 2.08 0.00	53.04 2.36 -2.57	51.18 2.71 0.00	45.96 2.60 0.00	40.67 2.37 0.00	39.46 2.27 0.00	38.56 2.22 0.00	36.58 2.17 0.00	35.36 2.13 0.01	36.01 2.17 0.00	39.71 2.28 0.00	44.65 2.84 -0.11	55.93 3.32 -2.33	68.88 3.86 -2.68	63.34 3.66 -1.64	57.58 3.32 -2.44	54.63 3.09 -1.75	49.99 2.84 -1.40	47.67 2.87 -0.01
PATROON___115KV_TB1 80586	54.05 2.14 -6.28	45.58 2.09 0.00	42.78 2.00 0.00	42.46 1.98 0.00	42.67 1.99 0.00	45.52 2.08 0.00	67.65 2.31 -17.23	50.79 2.33 0.00	45.39 2.04 0.00	40.09 1.80 0.00	38.86 1.67 0.00	38.06 1.71 0.00	36.03 1.62 0.00	34.83 1.60 0.00	35.47 1.62 0.00	39.22 1.80 0.00	44.69 2.25 -0.73	68.48 2.56 -15.63	83.30 2.99 -17.97	71.89 2.84 -11.01	70.75 2.54 -16.39	63.99 2.44 -11.77	57.39 2.24 -9.40	47.05 2.19 -0.06
PATTRSNVILLE___SOLAR 323815	57.74 2.01 -10.11	45.36 1.87 0.00	42.53 1.75 0.00	42.17 1.70 0.00	42.42 1.75 0.00	45.30 1.87 0.00	77.92 2.07 -27.74	50.50 2.04 0.00	44.96 1.61 0.00	39.56 1.26 0.00	38.30 1.11 0.00	37.40 1.05 0.00	35.38 0.96 0.00	34.20 0.96 0.00	34.86 1.01 0.00	38.62 1.20 0.00	44.63 1.75 -1.17	77.71 2.26 -25.17	94.08 2.81 -28.94	78.37 2.61 -17.72	80.59 2.39 -26.38	71.02 2.29 -18.94	62.98 2.11 -15.13	46.91 2.02 -0.09
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	43.48 -2.14 0.00	41.58 -1.91 0.00	38.74 -2.04 0.00	38.33 -2.15 0.00	38.60 -2.07 0.00	41.39 -2.04 0.00	45.90 -2.21 0.00	45.27 -3.20 0.00	41.01 -2.34 0.00	36.53 -1.76 0.00	35.66 -1.52 0.00	34.68 -1.67 0.00	32.56 -1.86 0.00	31.34 -1.89 0.00	31.85 -2.00 0.00	35.52 -1.91 0.00	38.87 -2.84 0.00	47.21 -3.07 0.00	58.41 -3.93 0.00	54.03 -4.00 0.00	48.51 -3.32 0.00	46.45 -3.34 0.00	43.19 -2.56 0.00	42.78 -2.02 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	49.04 2.46 -0.96	45.88 2.39 0.00	43.06 2.28 0.00	42.70 2.23 0.00	42.95 2.28 0.00	45.78 2.35 0.00	53.48 2.74 -2.62	51.42 2.96 0.00	46.04 2.69 0.00	40.48 2.18 0.00	39.31 2.12 0.00	38.46 2.11 0.00	36.44 2.03 0.00	35.20 1.96 0.00	35.84 2.00 0.00	39.56 2.13 0.00	44.48 2.67 -0.11	56.13 3.47 -2.38	69.25 4.18 -2.74	63.60 3.89 -1.68	57.74 3.42 -2.49	54.91 3.34 -1.79	50.06 2.88 -1.43	47.49 2.69 -0.01
PEEKSKILL____ 23653	48.66 2.10 -0.93	45.45 1.96 0.00	42.69 1.92 0.00	42.38 1.90 0.00	42.62 1.95 0.00	45.43 2.00 0.00	52.93 2.26 -2.56	51.04 2.57 0.00	45.65 2.30 0.00	40.28 1.99 0.00	39.12 1.93 0.00	38.24 1.89 0.00	36.27 1.86 0.00	35.03 1.79 0.00	35.67 1.83 0.00	39.41 1.98 0.00	44.23 2.42 -0.11	55.67 3.07 -2.32	68.56 3.55 -2.67	63.04 3.36 -1.64	57.21 2.95 -2.44	54.37 2.84 -1.75	49.62 2.47 -1.40	47.09 2.28 -0.01

PGE MADISON___WINDPWR 24146	49.30 3.06 -0.62	46.36 2.87 0.00	43.47 2.69 0.00	43.10 2.63 0.00	43.31 2.64 0.00	46.30 2.87 0.00	52.98 3.17 -1.70	51.67 3.20 0.00	45.87 2.51 0.00	40.17 1.88 0.00	38.94 1.75 0.00	37.73 1.38 0.00	35.41 1.00 0.00	34.14 0.90 0.00	34.92 1.08 0.00	39.07 1.64 0.00	43.65 1.88 -0.07	55.08 3.27 -1.54	68.97 4.87 -1.77	63.42 4.29 -1.08	57.27 3.83 -1.61	54.72 3.78 -1.16	49.92 3.25 -0.93	47.98 3.18 -0.01
PIERCEFIELD___HYD 23852	45.03 -0.59 0.00	42.88 -0.61 0.00	40.17 -0.61 0.00	39.91 -0.57 0.00	40.14 -0.53 0.00	42.52 -0.91 0.00	46.91 -1.20 0.00	47.40 -1.07 0.00	42.27 -1.08 0.00	37.11 -1.19 0.00	36.04 -1.15 0.00	35.15 -1.20 0.00	33.48 -0.93 0.00	32.31 -0.93 0.00	32.89 -0.95 0.00	36.30 -1.12 0.00	40.70 -1.00 0.00	49.17 -1.11 0.00	61.65 -0.69 0.00	57.46 -0.58 0.00	51.46 -0.36 0.00	49.68 -0.10 0.00	45.84 0.09 0.00	44.75 -0.04 0.00
PINELAWN_CC_1 323563	49.44 2.88 -0.94	46.01 2.52 0.00	43.18 2.41 0.00	42.82 2.35 0.00	43.28 2.61 0.00	46.39 2.95 0.00	57.64 3.42 -6.12	59.51 3.73 -7.31	46.34 2.99 0.00	40.63 2.34 0.00	39.38 2.19 0.00	38.38 2.03 0.00	36.41 2.00 0.00	35.23 1.99 0.00	35.98 2.13 0.00	39.90 2.47 0.00	45.19 3.38 -0.11	56.73 4.12 -2.33	69.88 4.87 -2.68	64.09 4.41 -1.64	58.26 3.99 -2.44	55.52 3.98 -1.75	50.63 3.48 -1.41	48.07 3.27 -0.01
PJM_GEN_HTP_PROXY 323702	48.71 2.14 -0.94	45.40 1.91 0.00	42.65 1.88 0.00	42.38 1.90 0.00	42.62 1.95 0.00	45.43 2.00 0.00	52.94 2.26 -2.57	51.08 2.62 0.00	45.78 2.43 0.00	40.48 2.18 0.00	39.31 2.12 0.00	38.38 2.03 0.00	36.48 2.06 0.00	35.20 1.96 0.00	35.84 2.00 0.00	39.56 2.13 0.00	44.40 2.59 -0.11	57.96 3.22 -4.46	66.62 3.74 -0.55	63.22 3.54 -1.64	57.43 3.16 -2.44	54.47 2.94 -1.75	49.71 2.56 -1.40	47.18 2.37 -0.01
PJM_GEN_KEystone 24065	45.54 -0.68 -0.60	42.92 -0.57 0.00	40.21 -0.57 0.00	39.91 -0.57 0.00	40.14 -0.53 0.00	42.92 -0.52 0.00	49.17 -0.58 -1.63	47.64 -0.82 0.00	42.79 -0.56 0.00	37.95 -0.35 0.00	36.89 -0.30 0.00	36.02 -0.33 0.00	34.04 -0.38 0.00	32.84 -0.40 0.00	33.40 -0.44 0.00	37.02 -0.41 0.00	41.10 -0.62 -0.02	53.34 -0.55 -3.61	60.97 -0.93 0.43	55.72 -0.99 1.33	52.60 -0.78 -1.55	50.05 -0.85 -1.11	46.00 -0.64 -0.89	44.31 -0.49 -0.01
PJM_GEN_NEPTUNE_PROXY 323594	48.93 2.37 -0.94	45.62 2.13 0.00	42.82 2.04 0.00	42.46 1.98 0.00	42.87 2.19 0.00	45.87 2.43 0.00	55.43 2.84 -4.48	55.52 3.10 -3.95	45.96 2.60 0.00	40.36 2.07 0.00	39.16 1.97 0.00	38.20 1.85 0.00	36.27 1.86 0.00	35.07 1.83 0.00	35.77 1.93 0.00	39.60 2.17 0.00	44.73 2.92 -0.11	58.26 3.52 -4.46	66.93 4.05 -0.55	63.40 3.72 -1.64	57.63 3.37 -2.44	54.93 3.39 -1.75	50.08 2.93 -1.40	47.54 2.73 -0.01
PJM_GEN_VFT_PROXY 323633	48.20 1.64 -0.94	45.18 1.69 0.00	42.45 1.67 0.00	42.13 1.66 0.00	42.38 1.71 0.00	45.17 1.74 0.00	50.99 1.93 -0.95	50.84 2.37 0.00	45.56 2.21 0.00	40.28 1.99 0.00	39.12 1.93 0.00	38.20 1.85 0.00	36.31 1.89 0.00	35.07 1.83 0.00	35.67 1.83 0.00	39.37 1.94 0.00	44.19 2.38 -0.11	57.00 2.92 -3.81	59.41 3.36 6.29	59.25 3.19 1.97	54.87 2.85 -0.20	54.22 2.69 -1.75	49.44 2.29 -1.40	46.91 2.11 -0.01
PLATSBURG_115KV_PMLD1 355749	43.21 -2.42 0.00	41.23 -2.26 0.00	38.66 -2.12 0.00	38.41 -2.06 0.00	38.64 -2.03 0.00	41.18 -2.26 0.00	45.56 -2.55 0.00	46.00 -2.47 0.00	40.93 -2.43 0.00	35.96 -2.34 0.00	34.92 -2.27 0.00	34.13 -2.22 0.00	32.52 -1.89 0.00	31.41 -1.83 0.00	31.95 -1.90 0.00	35.22 -2.21 0.00	39.58 -2.13 0.00	47.66 -2.61 0.00	59.65 -2.68 0.00	55.60 -2.44 0.00	49.59 -2.23 0.00	47.64 -2.14 0.00	44.06 -1.69 0.00	43.09 -1.70 0.00
PLEASANTVLY___LBMP 24000	48.39 1.78 -0.98	45.18 1.70 0.00	42.45 1.67 0.00	42.17 1.70 0.00	42.38 1.71 0.00	45.17 1.74 0.00	52.82 2.02 -2.69	50.70 2.23 0.00	45.35 1.99 0.00	40.06 1.76 0.00	38.90 1.71 0.00	38.02 1.67 0.00	36.07 1.65 0.00	34.83 1.60 0.00	35.47 1.62 0.00	39.19 1.76 0.00	43.99 2.17 -0.11	55.39 2.66 -2.44	68.20 3.05 -2.81	62.60 2.84 -1.72	56.93 2.54 -2.56	54.06 2.44 -1.84	49.32 2.10 -1.47	46.77 1.97 -0.01
PLSNTVLE_13_KV_13.8KVDIST 80602	48.62 2.05 -0.94	45.45 1.96 0.00	42.65 1.88 0.00	42.33 1.86 0.00	42.58 1.91 0.00	45.39 1.95 0.00	52.95 2.26 -2.58	51.04 2.57 0.00	45.65 2.30 0.00	40.32 2.03 0.00	39.16 1.97 0.00	38.27 1.93 0.00	36.31 1.89 0.00	35.07 1.83 0.00	35.70 1.86 0.00	39.45 2.02 0.00	44.27 2.46 -0.11	55.69 3.07 -2.34	68.58 3.55 -2.69	63.05 3.37 -1.65	57.23 2.95 -2.45	54.38 2.84 -1.76	49.58 2.42 -1.41	47.09 2.28 -0.01
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	48.62 2.05 -0.94	45.45 1.96 0.00	42.65 1.88 0.00	42.33 1.86 0.00	42.58 1.91 0.00	45.39 1.95 0.00	52.95 2.26 -2.58	51.04 2.57 0.00	45.65 2.30 0.00	40.32 2.03 0.00	39.16 1.97 0.00	38.27 1.93 0.00	36.31 1.89 0.00	35.07 1.83 0.00	35.70 1.86 0.00	39.45 2.02 0.00	44.27 2.46 -0.11	55.69 3.07 -2.34	68.58 3.55 -2.69	63.05 3.37 -1.65	57.23 2.95 -2.45	54.38 2.84 -1.76	49.58 2.42 -1.41	47.09 2.28 -0.01
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	48.81 2.14 -1.04	45.53 2.04 0.00	42.78 2.00 0.00	42.42 1.94 0.00	42.71 2.03 0.00	45.48 2.04 0.00	53.37 2.41 -2.85	51.09 2.62 0.00	45.65 2.30 0.00	40.21 1.91 0.00	39.05 1.86 0.00	38.20 1.85 0.00	36.20 1.79 0.00	35.00 1.76 0.00	35.64 1.79 0.00	39.37 1.95 0.00	44.24 2.42 -0.12	55.93 3.07 -2.59	68.99 3.68 -2.97	63.28 3.42 -1.82	57.54 3.01 -2.71	54.62 2.89 -1.95	49.78 2.47 -1.55	47.13 2.33 -0.01
POLETTI___ 23519	48.70 2.14 -0.94	45.49 2.00 0.00	42.69 1.92 0.00	42.42 1.94 0.00	42.62 1.95 0.00	45.39 1.95 0.00	52.94 2.26 -2.57	51.13 2.67 0.00	45.83 2.47 0.00	40.51 2.22 0.00	39.35 2.16 0.00	38.42 2.07 0.00	36.48 2.06 0.00	35.23 1.99 0.00	35.87 2.03 0.00	39.60 2.17 0.00	44.48 2.67 -0.11	55.88 3.27 -2.33	68.75 3.74 -2.68	63.28 3.60 -1.64	57.43 3.16 -2.44	54.53 2.99 -1.75	49.71 2.56 -1.40	47.22 2.42 -0.01
POMONA___ESR 323819	48.29 1.78 -0.89	45.10 1.61 0.00	42.37 1.59 0.00	42.05 1.58 0.00	42.34 1.67 0.00	45.13 1.69 0.00	52.43 1.87 -2.44	50.60 2.13 0.00	45.26 1.91 0.00	39.98 1.68 0.00	38.82 1.63 0.00	37.94 1.60 0.00	36.00 1.58 0.00	34.80 1.56 0.00	35.43 1.59 0.00	39.11 1.69 0.00	43.89 2.08 -0.10	55.11 2.61 -2.22	67.94 3.05 -2.55	62.44 2.84 -1.56	56.63 2.49 -2.32	53.84 2.39 -1.67	49.14 2.06 -1.33	46.68 1.88 -0.01
PORT_JEFF_3 23555	49.34 2.78 -0.94	45.97 2.48 0.00	43.14 2.36 0.00	42.74 2.27 0.00	43.31 2.64 0.00	46.65 3.21 0.00	57.93 3.70 -6.12	59.80 4.02 -7.31	46.30 2.95 0.00	40.55 2.26 0.00	39.23 2.04 0.00	38.27 1.93 0.00	36.27 1.86 0.00	35.10 1.86 0.00	35.87 2.03 0.00	39.82 2.40 0.00	45.27 3.46 -0.11	56.78 4.17 -2.33	70.06 5.05 -2.68	64.21 4.53 -1.64	58.26 3.99 -2.44	55.67 4.13 -1.75	50.68 3.52 -1.41	48.12 3.31 -0.01

PORT_JEFF_4 23616	49.34 2.78 -0.94	45.97 2.48 0.00	43.14 2.36 0.00	42.74 2.27 0.00	43.31 2.64 0.00	46.65 3.21 0.00	57.93 3.70 -6.12	59.80 4.02 -7.31	46.30 2.95 0.00	40.55 2.26 0.00	39.23 2.04 0.00	38.27 1.93 0.00	36.27 1.86 0.00	35.10 1.86 0.00	35.87 2.03 0.00	39.82 2.40 0.00	45.27 3.46 -0.11	56.78 4.17 -2.33	70.06 5.05 -2.68	64.21 4.53 -1.64	58.26 3.99 -2.44	55.67 4.13 -1.75	50.68 3.52 -1.41	48.12 3.31 -0.01
PORT_JEFF_IC 23713	49.34 2.78 -0.94	46.01 2.52 0.00	43.14 2.37 0.00	42.74 2.27 0.00	43.36 2.68 0.00	46.65 3.21 0.00	57.98 3.75 -6.12	59.85 4.07 -7.31	46.35 2.99 0.00	40.59 2.30 0.00	39.27 2.08 0.00	38.31 1.96 0.00	36.31 1.89 0.00	35.13 1.89 0.00	35.94 2.10 0.00	39.82 2.40 0.00	45.32 3.50 -0.11	56.83 4.22 -2.33	70.12 5.11 -2.68	64.26 4.59 -1.64	58.31 4.04 -2.44	55.77 4.23 -1.75	50.77 3.61 -1.40	48.16 3.36 -0.01
PPL PILGRIM_ST_GT1 24216	49.57 3.01 -0.94	46.19 2.70 0.00	43.35 2.57 0.00	42.94 2.47 0.00	43.48 2.80 0.00	46.69 3.26 0.00	57.98 3.75 -6.12	59.80 4.02 -7.31	46.52 3.16 0.00	40.75 2.45 0.00	39.46 2.27 0.00	38.49 2.14 0.00	36.48 2.06 0.00	35.30 2.06 0.00	36.08 2.23 0.00	40.01 2.58 0.00	45.40 3.59 -0.11	56.98 4.37 -2.33	70.25 5.24 -2.68	64.38 4.70 -1.64	58.46 4.20 -2.44	55.77 4.23 -1.75	50.86 3.70 -1.41	48.30 3.50 -0.01
PPL PILGRIM_ST_GT2 24217	49.57 3.01 -0.94	46.19 2.70 0.00	43.35 2.57 0.00	42.94 2.47 0.00	43.48 2.80 0.00	46.69 3.26 0.00	57.98 3.75 -6.12	59.80 4.02 -7.31	46.52 3.16 0.00	40.75 2.45 0.00	39.46 2.27 0.00	38.49 2.14 0.00	36.48 2.06 0.00	35.30 2.06 0.00	36.08 2.23 0.00	40.01 2.58 0.00	45.40 3.59 -0.11	56.98 4.37 -2.33	70.25 5.24 -2.68	64.38 4.70 -1.64	58.46 4.20 -2.44	55.77 4.23 -1.75	50.86 3.70 -1.41	48.30 3.50 -0.01
PPL_SHRM_GT3 24213	48.93 2.37 -0.94	45.53 2.04 0.00	42.73 1.96 0.00	42.34 1.86 0.00	43.11 2.44 0.00	46.69 3.26 0.00	57.98 3.75 -6.12	59.85 4.07 -7.31	45.91 2.56 0.00	40.13 1.84 0.00	38.79 1.60 0.00	37.84 1.49 0.00	35.86 1.45 0.00	34.67 1.43 0.00	35.47 1.62 0.00	39.37 1.94 0.00	44.94 3.13 -0.11	56.23 3.62 -2.33	69.50 4.49 -2.68	63.68 4.00 -1.64	57.79 3.53 -2.44	55.37 3.83 -1.75	50.27 3.11 -1.41	47.71 2.91 -0.01
PPL_SHRM_GT4 24214	48.93 2.37 -0.94	45.53 2.04 0.00	42.73 1.96 0.00	42.34 1.86 0.00	43.11 2.44 0.00	46.69 3.26 0.00	57.98 3.75 -6.12	59.85 4.07 -7.31	45.91 2.56 0.00	40.13 1.84 0.00	38.79 1.60 0.00	37.84 1.49 0.00	35.86 1.45 0.00	34.67 1.43 0.00	35.47 1.62 0.00	39.37 1.94 0.00	44.94 3.13 -0.11	56.23 3.62 -2.33	69.50 4.49 -2.68	63.68 4.00 -1.64	57.79 3.53 -2.44	55.37 3.83 -1.75	50.27 3.11 -1.41	47.71 2.91 -0.01
PROJECT___ORANGE 1 24174	44.85 -0.78 0.00	42.75 -0.74 0.00	40.04 -0.73 0.00	39.79 -0.69 0.00	39.98 -0.69 0.00	42.65 -0.78 0.00	47.24 -0.87 0.00	47.45 -1.02 0.00	42.53 -0.82 0.00	37.72 -0.57 0.00	36.67 -0.52 0.00	35.80 -0.55 0.00	33.76 -0.65 0.00	32.61 -0.63 0.00	33.20 -0.64 0.00	36.83 -0.60 0.00	40.75 -0.96 0.00	49.17 -1.11 0.00	60.96 -1.37 0.00	56.70 -1.33 0.00	50.63 -1.19 0.00	48.59 -1.19 0.00	44.65 -1.10 0.00	43.76 -1.03 0.00
PROJECT___ORANGE 2 24166	44.85 -0.78 0.00	42.75 -0.74 0.00	40.04 -0.73 0.00	39.79 -0.69 0.00	39.98 -0.69 0.00	42.65 -0.78 0.00	47.24 -0.87 0.00	47.45 -1.02 0.00	42.53 -0.82 0.00	37.72 -0.57 0.00	36.67 -0.52 0.00	35.80 -0.55 0.00	33.76 -0.65 0.00	32.61 -0.63 0.00	33.20 -0.64 0.00	36.83 -0.60 0.00	40.75 -0.96 0.00	49.17 -1.11 0.00	60.96 -1.37 0.00	56.70 -1.33 0.00	50.63 -1.19 0.00	48.59 -1.19 0.00	44.65 -1.10 0.00	43.76 -1.03 0.00
PUCKETT___SOLAR 323809	46.70 0.55 -0.53	44.05 0.56 0.00	41.27 0.49 0.00	40.96 0.49 0.00	41.16 0.49 0.00	44.00 0.56 0.00	50.17 0.62 -1.44	48.90 0.44 0.00	43.70 0.35 0.00	38.60 0.30 0.00	37.45 0.26 0.00	36.46 0.11 0.00	34.35 -0.07 0.00	33.11 -0.13 0.00	33.74 -0.10 0.00	37.50 0.08 0.00	41.85 0.08 -0.06	52.19 0.61 -1.31	64.71 0.87 -1.50	59.66 0.70 -0.92	53.87 0.67 -1.37	51.37 0.60 -0.98	47.09 0.55 -0.79	45.43 0.63 0.00
PYRITES___HYD 24023	45.85 0.23 0.00	43.66 0.17 0.00	40.94 0.16 0.00	40.59 0.12 0.00	40.88 0.20 0.00	43.43 0.00 0.00	47.92 -0.19 0.00	48.37 -0.10 0.00	43.05 -0.30 0.00	37.72 -0.57 0.00	36.59 -0.60 0.00	35.69 -0.65 0.00	34.00 -0.41 0.00	32.84 -0.40 0.00	33.44 -0.41 0.00	36.94 -0.49 0.00	41.45 -0.25 0.00	50.18 -0.10 0.00	63.14 0.81 0.00	58.79 0.75 0.00	52.60 0.78 0.00	50.73 0.95 0.00	46.71 0.96 0.00	45.60 0.81 0.00
QUAKERRD_115KV_BK1 80622	42.93 -2.69 0.00	40.92 -2.57 0.00	38.25 -2.53 0.00	38.00 -2.47 0.00	38.19 -2.48 0.00	40.83 -2.61 0.00	45.32 -2.79 0.00	45.17 -3.30 0.00	40.67 -2.69 0.00	36.03 -2.26 0.00	35.11 -2.08 0.00	34.20 -2.14 0.00	32.25 -2.17 0.00	31.08 -2.16 0.00	31.64 -2.20 0.00	35.18 -2.25 0.00	38.79 -2.92 0.00	46.81 -3.47 0.00	58.22 -4.11 0.00	54.03 -4.00 0.00	48.25 -3.58 0.00	46.25 -3.53 0.00	42.73 -3.02 0.00	42.02 -2.78 0.00
QUEENSBRY_115KV_TB8 356137	59.14 4.11 -9.41	47.27 3.78 0.00	44.28 3.51 0.00	43.91 3.44 0.00	44.13 3.46 0.00	47.17 3.74 0.00	78.29 4.38 -25.81	52.64 4.17 0.00	46.74 3.38 0.00	41.13 2.83 0.00	39.87 2.68 0.00	38.93 2.58 0.00	36.75 2.34 0.00	35.57 2.33 0.00	36.24 2.40 0.00	40.31 2.88 0.00	46.59 3.80 -1.09	78.42 4.73 -23.41	95.05 5.80 -26.92	79.92 5.40 -16.49	81.19 4.82 -24.54	71.89 4.48 -17.62	64.03 4.21 -14.07	48.96 4.08 -0.09
RAMAPO___LBMP 323565	48.01 1.51 -0.88	44.92 1.44 0.00	42.16 1.39 0.00	41.89 1.42 0.00	42.14 1.46 0.00	44.91 1.48 0.00	52.21 1.68 -2.41	50.41 1.94 0.00	45.09 1.73 0.00	39.83 1.53 0.00	38.68 1.49 0.00	37.84 1.49 0.00	35.86 1.45 0.00	34.67 1.43 0.00	35.30 1.46 0.00	38.96 1.53 0.00	43.68 1.88 -0.10	54.88 2.41 -2.19	67.59 2.74 -2.52	62.13 2.55 -1.54	56.40 2.28 -2.29	53.57 2.14 -1.65	48.90 1.83 -1.32	46.50 1.70 -0.01
RANKINE____ 23646	43.02 -2.60 0.00	41.10 -2.39 0.00	38.29 -2.49 0.00	37.88 -2.59 0.00	38.15 -2.52 0.00	40.96 -2.48 0.00	45.37 -2.74 0.00	44.69 -3.78 0.00	40.54 -2.82 0.00	36.11 -2.18 0.00	35.25 -1.93 0.00	34.28 -2.07 0.00	32.21 -2.20 0.00	30.98 -2.26 0.00	31.47 -2.37 0.00	35.14 -2.28 0.00	38.41 -3.29 0.00	46.56 -3.72 0.00	57.60 -4.74 0.00	53.28 -4.76 0.00	47.83 -3.99 0.00	45.85 -3.93 0.00	42.69 -3.07 0.00	42.33 -2.46 0.00
RAVENSWOOD_GT2_1 24244	48.75 2.19 -0.94	45.53 2.04 0.00	42.73 1.96 0.00	42.46 1.98 0.00	42.67 1.99 0.00	45.43 2.00 0.00	52.99 2.31 -2.57	51.18 2.71 0.00	45.87 2.51 0.00	40.55 2.26 0.00	39.38 2.19 0.00	38.49 2.14 0.00	36.51 2.10 0.00	35.30 2.06 0.00	35.91 2.06 0.00	39.63 2.21 0.00	44.52 2.71 -0.11	55.93 3.32 -2.33	68.88 3.86 -2.68	63.34 3.66 -1.64	57.48 3.21 -2.44	54.58 3.04 -1.75	49.76 2.61 -1.40	47.27 2.46 -0.01

RAVENSWOOD_GT2_2 24245	48.75 2.19 -0.94	45.53 2.04 0.00	42.73 1.96 0.00	42.46 1.98 0.00	42.67 1.99 0.00	45.43 2.00 0.00	52.99 2.31 -2.57	51.18 2.71 0.00	45.87 2.51 0.00	40.55 2.26 0.00	39.38 2.19 0.00	38.49 2.14 0.00	36.51 2.10 0.00	35.30 2.06 0.00	35.91 2.06 0.00	39.63 2.21 0.00	44.52 2.71 -0.11	55.93 3.32 -2.33	68.88 3.86 -2.68	63.34 3.66 -1.64	57.48 3.21 -2.44	54.58 3.04 -1.75	49.76 2.61 -1.40	47.27 2.46 -0.01
RAVENSWOOD_GT2_3 24246	48.75 2.19 -0.94	45.53 2.04 0.00	42.78 2.00 0.00	42.46 1.98 0.00	42.71 2.03 0.00	45.48 2.04 0.00	53.04 2.36 -2.57	51.18 2.71 0.00	45.87 2.51 0.00	40.59 2.30 0.00	39.42 2.23 0.00	38.49 2.14 0.00	36.55 2.13 0.00	35.30 2.06 0.00	35.94 2.10 0.00	39.67 2.25 0.00	44.57 2.75 -0.11	55.93 3.32 -2.33	68.88 3.86 -2.68	63.34 3.66 -1.64	57.53 3.26 -2.44	54.63 3.09 -1.75	49.80 2.65 -1.40	47.27 2.46 -0.01
RAVENSWOOD_GT2_4 24247	48.75 2.19 -0.94	45.53 2.04 0.00	42.78 2.00 0.00	42.46 1.98 0.00	42.71 2.03 0.00	45.48 2.04 0.00	53.04 2.36 -2.57	51.18 2.71 0.00	45.87 2.51 0.00	40.59 2.30 0.00	39.42 2.23 0.00	38.49 2.14 0.00	36.55 2.13 0.00	35.30 2.06 0.00	35.94 2.10 0.00	39.67 2.25 0.00	44.57 2.75 -0.11	55.93 3.32 -2.33	68.88 3.86 -2.68	63.34 3.66 -1.64	57.53 3.26 -2.44	54.63 3.09 -1.75	49.80 2.65 -1.40	47.27 2.46 -0.01
RAVENSWOOD_GT3_1 24248	48.75 2.19 -0.94	45.53 2.04 0.00	42.78 2.00 0.00	42.46 1.98 0.00	42.67 1.99 0.00	45.43 2.00 0.00	53.04 2.36 -2.57	51.18 2.71 0.00	45.87 2.51 0.00	40.55 2.26 0.00	39.38 2.19 0.00	38.49 2.14 0.00	36.51 2.10 0.00	35.30 2.06 0.00	35.91 2.06 0.00	39.63 2.21 0.00	44.52 2.71 -0.11	55.93 3.32 -2.33	68.88 3.86 -2.68	63.34 3.66 -1.64	57.48 3.21 -2.44	54.58 3.04 -1.75	49.80 2.65 -1.40	47.27 2.46 -0.01
RAVENSWOOD_GT3_2 24249	48.75 2.19 -0.94	45.53 2.04 0.00	42.78 2.00 0.00	42.46 1.98 0.00	42.67 1.99 0.00	45.43 2.00 0.00	53.04 2.36 -2.57	51.18 2.71 0.00	45.87 2.51 0.00	40.55 2.26 0.00	39.38 2.19 0.00	38.49 2.14 0.00	36.51 2.10 0.00	35.30 2.06 0.00	35.91 2.06 0.00	39.63 2.21 0.00	44.52 2.71 -0.11	55.93 3.32 -2.33	68.88 3.86 -2.68	63.34 3.66 -1.64	57.48 3.21 -2.44	54.58 3.04 -1.75	49.80 2.65 -1.40	47.27 2.46 -0.01
RAVENSWOOD_GT3_3 24250	48.80 2.24 -0.94	45.58 2.09 0.00	42.82 2.04 0.00	42.50 2.02 0.00	42.71 2.03 0.00	45.48 2.04 0.00	53.08 2.41 -2.57	51.23 2.76 0.00	45.91 2.56 0.00	40.63 2.34 0.00	39.42 2.23 0.00	38.53 2.18 0.00	36.58 2.17 0.00	35.33 2.09 0.00	35.97 2.13 0.00	39.71 2.28 0.00	44.57 2.75 -0.11	55.98 3.37 -2.33	68.94 3.93 -2.68	63.39 3.71 -1.64	57.58 3.32 -2.44	54.67 3.14 -1.75	49.85 2.70 -1.40	47.31 2.51 -0.01
RAVENSWOOD_GT3_4 24251	48.80 2.24 -0.94	45.58 2.09 0.00	42.82 2.04 0.00	42.50 2.02 0.00	42.71 2.03 0.00	45.48 2.04 0.00	53.08 2.41 -2.57	51.23 2.76 0.00	45.91 2.56 0.00	40.63 2.34 0.00	39.42 2.23 0.00	38.53 2.18 0.00	36.58 2.17 0.00	35.33 2.09 0.00	35.97 2.13 0.00	39.71 2.28 0.00	44.57 2.75 -0.11	55.98 3.37 -2.33	68.94 3.93 -2.68	63.39 3.71 -1.64	57.58 3.32 -2.44	54.67 3.14 -1.75	49.85 2.70 -1.40	47.31 2.51 -0.01
RAVENSWOOD_GT_1 23729	50.25 2.42 -2.21	47.70 2.26 -1.95	45.21 2.20 -2.23	44.93 2.19 -2.28	45.11 2.20 -2.24	47.41 2.13 -1.85	53.95 2.41 -3.44	52.54 2.81 -1.26	48.24 2.69 -2.20	43.55 2.45 -2.81	42.55 2.38 -2.98	41.79 2.33 -3.12	40.12 2.31 -3.40	39.69 2.23 -4.22	39.60 2.27 -3.49	42.93 2.40 -3.11	47.47 2.92 -2.85	57.30 3.47 -3.55	69.01 3.99 -2.69	64.15 3.83 -2.28	58.67 3.42 -3.42	56.00 3.19 -3.03	51.91 2.79 -3.37	49.47 2.69 -1.99
RAVENSWOOD_GT_10 24258	48.75 2.19 -0.94	45.53 2.04 0.00	42.73 1.96 0.00	42.46 1.98 0.00	42.67 1.99 0.00	45.43 2.00 0.00	52.99 2.31 -2.57	51.18 2.71 0.00	45.87 2.51 0.00	40.55 2.26 0.00	39.38 2.19 0.00	38.49 2.14 0.00	36.51 2.10 0.00	35.35 2.03 -0.09	35.91 2.06 0.00	39.63 2.21 0.00	44.52 2.71 -0.11	55.93 3.32 -2.33	68.88 3.86 -2.68	63.34 3.66 -1.64	57.48 3.21 -2.44	54.58 3.04 -1.75	49.76 2.61 -1.40	47.27 2.46 -0.01
RAVENSWOOD_GT_11 24259	48.75 2.19 -0.94	45.53 2.04 0.00	42.73 1.96 0.00	42.46 1.98 0.00	42.67 1.99 0.00	45.43 2.00 0.00	52.99 2.31 -2.57	51.18 2.71 0.00	45.87 2.51 0.00	40.55 2.26 0.00	39.38 2.19 0.00	38.49 2.14 0.00	36.51 2.10 0.00	35.35 2.03 -0.09	35.91 2.06 0.00	39.63 2.21 0.00	44.52 2.71 -0.11	55.93 3.32 -2.33	68.88 3.86 -2.68	63.34 3.66 -1.64	57.48 3.21 -2.44	54.58 3.04 -1.75	49.76 2.61 -1.40	47.27 2.46 -0.01
RAVENSWOOD_GT_4 24252	49.67 2.14 -1.91	46.97 2.00 -1.48	44.44 1.96 -1.70	44.15 1.94 -1.73	44.33 1.95 -1.71	46.84 2.00 -1.41	53.65 2.31 -3.23	52.10 2.67 -0.96	47.50 2.47 -1.68	42.65 2.22 -2.14	41.62 2.16 -2.27	40.83 2.11 -2.37	39.07 2.06 -2.59	38.48 2.03 -3.21	38.53 2.03 -2.66	41.96 2.17 -2.37	46.57 2.67 -2.19	56.85 3.32 -3.26	68.82 3.80 -2.69	63.82 3.66 -2.13	58.23 3.21 -3.19	55.55 3.04 -2.72	51.26 2.61 -2.90	48.73 2.42 -1.52
RAVENSWOOD_GT_5 24254	49.67 2.14 -1.91	46.97 2.00 -1.48	44.44 1.96 -1.70	44.15 1.94 -1.73	44.33 1.95 -1.71	46.84 2.00 -1.41	53.65 2.31 -3.23	52.10 2.67 -0.96	47.50 2.47 -1.68	42.65 2.22 -2.14	41.62 2.16 -2.27	40.83 2.11 -2.37	39.07 2.06 -2.59	38.48 2.03 -3.21	38.53 2.03 -2.66	41.96 2.17 -2.37	46.57 2.67 -2.19	56.85 3.32 -3.26	68.82 3.80 -2.69	63.82 3.66 -2.13	58.23 3.21 -3.19	55.55 3.04 -2.72	51.26 2.61 -2.90	48.73 2.42 -1.52
RAVENSWOOD_GT_6 24253	49.67 2.14 -1.91	46.97 2.00 -1.48	44.44 1.96 -1.70	44.15 1.94 -1.73	44.33 1.95 -1.71	46.84 2.00 -1.41	53.65 2.31 -3.23	52.10 2.67 -0.96	47.50 2.47 -1.68	42.65 2.22 -2.14	41.62 2.16 -2.27	40.83 2.11 -2.37	39.07 2.06 -2.59	38.48 2.03 -3.21	38.53 2.03 -2.66	41.96 2.17 -2.37	46.57 2.67 -2.19	56.85 3.32 -3.26	68.82 3.80 -2.69	63.82 3.66 -2.13	58.23 3.21 -3.19	55.55 3.04 -2.72	51.26 2.61 -2.90	48.73 2.42 -1.52
RAVENSWOOD_GT_7 24255	49.67 2.14 -1.91	46.97 2.00 -1.48	44.44 1.96 -1.70	44.15 1.94 -1.73	44.33 1.95 -1.71	46.84 2.00 -1.41	53.65 2.31 -3.23	52.10 2.67 -0.96	47.50 2.47 -1.68	42.65 2.22 -2.14	41.62 2.16 -2.27	40.83 2.11 -2.37	39.07 2.06 -2.59	38.48 2.03 -3.21	38.53 2.03 -2.66	41.96 2.17 -2.37	46.57 2.67 -2.19	56.85 3.32 -3.26	68.82 3.80 -2.69	63.82 3.66 -2.13	58.23 3.21 -3.19	55.55 3.04 -2.72	51.26 2.61 -2.90	48.73 2.42 -1.52
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	48.75 2.19 -0.94	45.53 2.04 0.00	42.73 1.96 0.00	42.46 1.98 0.00	42.67 1.99 0.00	45.43 2.00 0.00	52.99 2.31 -2.57	51.18 2.71 0.00	45.87 2.51 0.00	40.55 2.26 0.00	39.38 2.19 0.00	38.49 2.14 0.00	36.51 2.10 0.00	35.35 2.03 -0.09	35.91 2.06 0.00	39.63 2.21 0.00	44.52 2.71 -0.11	55.93 3.32 -2.33	68.88 3.86 -2.68	63.34 3.66 -1.64	57.48 3.21 -2.44	54.58 3.04 -1.75	49.76 2.61 -1.40	47.27 2.46 -0.01

RAVENSWOOD_GT_9 24257	48.75 2.19 -0.94	45.53 2.04 0.00	42.73 1.96 0.00	42.46 1.98 0.00	42.67 1.99 0.00	45.43 2.00 0.00	52.99 2.31 -2.57	51.18 2.71 0.00	45.87 2.51 0.00	40.55 2.26 0.00	39.38 2.19 0.00	38.49 2.14 0.00	36.51 2.10 0.00	35.35 2.03 -0.09	35.91 2.06 0.00	39.63 2.21 0.00	44.52 2.71 -0.11	55.93 3.32 -2.33	68.88 3.86 -2.68	63.34 3.66 -1.64	57.48 3.21 -2.44	54.58 3.04 -1.75	49.76 2.61 -1.40	47.27 2.46 -0.01
RAVENSWOOD___1 23533	49.34 2.78 -0.94	45.71 2.22 0.00	42.94 2.16 0.00	42.66 2.18 0.00	42.87 2.19 0.00	45.56 2.13 0.00	53.08 2.40 -2.57	51.28 2.81 0.00	46.00 2.64 0.00	40.75 2.45 0.00	39.57 2.38 0.00	38.64 2.29 0.00	36.72 2.31 0.00	36.35 2.23 -0.89	36.08 2.23 0.00	39.82 2.40 0.00	44.69 2.88 -0.11	56.03 3.42 -2.33	69.01 3.99 -2.68	63.45 3.77 -1.64	57.63 3.37 -2.44	54.73 3.19 -1.75	49.94 2.79 -1.40	47.49 2.69 -0.01
RAVENSWOOD___2 23534	49.34 2.78 -0.94	45.71 2.22 0.00	42.94 2.16 0.00	42.66 2.18 0.00	42.87 2.19 0.00	45.56 2.13 0.00	53.08 2.40 -2.57	51.28 2.81 0.00	46.00 2.64 0.00	40.75 2.45 0.00	39.57 2.38 0.00	38.64 2.29 0.00	36.72 2.31 0.00	36.36 2.23 -0.89	36.08 2.23 0.00	39.82 2.40 0.00	44.69 2.88 -0.11	56.03 3.42 -2.33	69.01 3.99 -2.68	63.45 3.77 -1.64	57.63 3.37 -2.44	54.73 3.19 -1.75	49.94 2.79 -1.40	47.45 2.64 -0.01
RAVENSWOOD___3 23535	48.84 2.28 -0.94	45.53 2.04 0.00	42.77 2.00 0.00	42.46 1.98 0.00	42.70 2.03 0.00	45.48 2.04 0.00	53.04 2.36 -2.57	51.18 2.71 0.00	45.87 2.51 0.00	40.55 2.26 0.00	39.38 2.19 0.00	38.49 2.14 0.00	36.55 2.13 0.00	35.30 2.06 0.00	35.91 2.06 0.00	39.63 2.21 0.00	44.52 2.71 -0.11	55.93 3.32 -2.33	68.88 3.87 -2.68	63.34 3.66 -1.64	57.53 3.27 -2.44	54.58 3.04 -1.75	49.80 2.65 -1.40	47.27 2.46 -0.01
RAVENSWOOD___4 23820	48.09 2.78 0.32	43.79 2.22 1.92	40.74 2.16 2.20	40.42 2.18 2.24	40.66 2.19 2.21	43.74 2.13 1.82	52.23 2.40 -1.71	50.03 2.81 1.25	43.83 2.64 2.17	37.98 2.45 2.77	36.63 2.38 2.94	35.57 2.29 3.07	33.37 2.31 3.35	33.08 2.23 2.39	32.64 2.23 3.44	36.77 2.40 3.06	41.99 2.88 2.59	54.83 3.42 -1.13	69.00 3.99 -2.67	62.82 3.77 -1.01	56.67 3.37 -1.48	53.42 3.14 -0.50	48.00 2.79 0.54	45.49 2.64 1.94
RCPL_TRUST___DRP 24196	48.66 2.10 -0.94	45.45 1.96 0.00	42.69 1.92 0.00	42.42 1.94 0.00	42.62 1.95 0.00	45.43 2.00 0.00	52.99 2.31 -2.57	51.13 2.67 0.00	45.87 2.51 0.00	40.51 2.22 0.00	39.35 2.16 0.00	38.46 2.11 0.00	36.48 2.06 0.00	35.23 1.99 0.00	35.87 2.03 0.00	39.60 2.17 0.00	44.48 2.67 -0.11	55.88 3.27 -2.33	68.82 3.80 -2.68	63.28 3.60 -1.64	57.48 3.21 -2.44	54.58 3.04 -1.75	49.76 2.61 -1.40	47.22 2.42 -0.01
RED___ROCHESTER 323720	43.66 -1.96 0.00	41.70 -1.78 0.00	38.94 -1.83 0.00	38.69 -1.78 0.00	38.88 -1.79 0.00	41.61 -1.82 0.00	46.18 -1.93 0.00	45.95 -2.52 0.00	41.40 -1.95 0.00	36.72 -1.57 0.00	35.81 -1.38 0.00	34.86 -1.49 0.00	32.83 -1.58 0.00	31.64 -1.59 0.00	32.22 -1.62 0.00	35.89 -1.54 0.00	39.53 -2.17 0.00	47.66 -2.62 0.00	59.34 -2.99 0.00	55.02 -3.02 0.00	49.13 -2.70 0.00	47.10 -2.69 0.00	43.56 -2.20 0.00	42.91 -1.88 0.00
REGAN___SOLAR 323812	58.77 3.69 -9.45	46.92 3.43 0.00	43.92 3.14 0.00	43.47 2.99 0.00	43.72 3.05 0.00	46.82 3.39 0.00	77.89 3.85 -25.93	52.11 3.64 0.00	46.09 2.73 0.00	40.48 2.18 0.00	39.08 1.90 0.00	38.06 1.71 0.00	35.89 1.48 0.00	34.70 1.46 0.00	35.37 1.52 0.00	39.37 1.94 0.00	45.68 2.88 -1.10	77.78 3.97 -23.53	94.43 5.05 -27.05	79.36 4.76 -16.57	80.79 4.30 -24.66	71.62 4.13 -17.71	63.78 3.89 -14.14	48.65 3.76 -0.09
RENSSELAER___COGEN 23796	51.97 1.92 -4.43	45.40 1.91 0.00	42.57 1.79 0.00	42.25 1.78 0.00	42.50 1.83 0.00	45.34 1.91 0.00	62.27 2.02 -12.14	50.60 2.13 0.00	45.22 1.86 0.00	39.90 1.61 0.00	38.68 1.49 0.00	37.84 1.49 0.00	35.86 1.45 0.00	34.67 1.43 0.00	35.30 1.45 0.00	39.04 1.61 0.00	44.18 1.96 -0.51	63.61 2.31 -11.02	77.68 2.68 -12.66	68.35 2.55 -7.76	65.60 2.23 -11.55	60.26 2.19 -8.29	54.34 1.97 -6.62	46.80 1.97 -0.04
REPUBLIC_115KV_BARTNBRK 55605	61.25 6.25 -9.37	49.27 5.78 0.00	46.08 5.30 0.00	45.65 5.18 0.00	45.92 5.25 0.00	49.12 5.69 0.00	80.41 6.59 -25.71	54.67 6.20 0.00	48.25 4.90 0.00	42.43 4.14 0.00	41.02 3.83 0.00	39.98 3.63 0.00	37.65 3.23 0.00	36.43 3.19 0.00	37.19 3.35 0.00	41.47 4.04 0.00	48.13 5.34 -1.09	80.39 6.79 -23.33	97.69 8.54 -26.82	82.36 7.89 -16.43	83.43 7.15 -24.45	73.91 6.57 -17.56	66.04 6.27 -14.02	50.97 6.09 -0.09
REVERE_CPPR_DRP 24186	47.22 1.60 0.00	44.92 1.44 0.00	42.16 1.39 0.00	41.85 1.38 0.00	42.05 1.38 0.00	44.87 1.43 0.00	49.65 1.54 0.00	50.07 1.60 0.00	44.70 1.34 0.00	39.33 1.03 0.00	38.19 1.00 0.00	37.11 0.76 0.00	35.03 0.62 0.00	33.80 0.57 0.00	34.49 0.64 0.00	38.25 0.82 0.00	42.62 0.92 0.00	51.79 1.51 0.00	64.64 2.31 0.00	60.19 2.15 0.00	53.74 1.92 0.00	51.68 1.89 0.00	47.35 1.60 0.00	46.32 1.52 0.00
REYNOLDS_115KV_TB3 80639	53.54 1.92 -6.00	45.40 1.91 0.00	42.61 1.83 0.00	42.29 1.82 0.00	42.50 1.83 0.00	45.35 1.91 0.00	66.65 2.07 -16.47	50.60 2.13 0.00	45.31 1.95 0.00	40.02 1.72 0.00	38.79 1.60 0.00	37.98 1.64 0.00	36.00 1.58 0.00	34.80 1.56 0.00	35.40 1.56 0.00	39.15 1.72 0.00	44.53 2.13 -0.70	67.53 2.31 -14.94	82.13 2.62 -17.18	71.05 2.50 -10.52	69.71 2.23 -15.66	63.22 2.19 -11.24	56.70 1.97 -8.98	46.78 1.93 -0.06
RIVERBAY____ 323610	49.12 2.55 -0.94	45.88 2.39 0.00	43.14 2.37 0.00	42.82 2.35 0.00	42.99 2.32 0.00	45.52 2.08 0.00	53.04 2.36 -2.57	51.18 2.71 0.00	45.96 2.60 0.00	40.67 2.37 0.00	39.46 2.27 0.00	38.56 2.22 0.00	36.58 2.17 0.00	35.36 2.13 0.01	36.01 2.17 0.00	39.71 2.28 0.00	44.65 2.84 -0.11	55.93 3.32 -2.33	68.88 3.86 -2.68	63.34 3.66 -1.64	57.58 3.32 -2.44	54.63 3.09 -1.75	49.99 2.84 -1.40	47.67 2.87 -0.01
RIVERSDE_115KV_TB3 55908	53.48 2.01 -5.85	45.45 1.96 0.00	42.65 1.88 0.00	42.33 1.86 0.00	42.54 1.87 0.00	45.39 1.95 0.00	66.27 2.12 -16.04	50.65 2.18 0.00	45.35 1.99 0.00	40.02 1.72 0.00	38.82 1.64 0.00	37.98 1.64 0.00	36.00 1.58 0.00	34.77 1.53 0.00	35.40 1.56 0.00	39.15 1.72 0.00	44.51 2.13 -0.68	67.25 2.41 -14.55	81.81 2.74 -16.73	70.90 2.61 -10.25	69.41 2.33 -15.26	62.98 2.24 -10.95	56.56 2.06 -8.75	46.86 2.02 -0.05
ROARING___BROOK_WT_PWR 323790	44.76 -0.87 0.00	42.71 -0.78 0.00	40.04 -0.73 0.00	39.70 -0.77 0.00	39.82 -0.86 0.00	42.48 -0.96 0.00	47.00 -1.10 0.00	47.40 -1.07 0.00	42.31 -1.04 0.00	37.30 -1.00 0.00	36.19 -1.00 0.00	35.37 -0.98 0.00	33.49 -0.93 0.00	32.34 -0.90 0.00	32.93 -0.91 0.00	36.38 -1.05 0.00	40.66 -1.04 0.00	49.02 -1.26 0.00	60.96 -1.37 0.00	56.82 -1.22 0.00	50.73 -1.09 0.00	48.79 -1.00 0.00	44.88 -0.87 0.00	43.99 -0.81 0.00

ROCHESRG_115KV_T4 355643	43.39 -2.24 0.00	41.31 -2.17 0.00	38.62 -2.16 0.00	38.33 -2.15 0.00	38.52 -2.16 0.00	41.22 -2.22 0.00	45.70 -2.41 0.00	45.46 -3.01 0.00	40.97 -2.38 0.00	36.34 -1.95 0.00	35.44 -1.75 0.00	34.49 -1.85 0.00	32.52 -1.89 0.00	31.34 -1.89 0.00	31.88 -1.96 0.00	35.48 -1.95 0.00	39.04 -2.67 0.00	47.11 -3.17 0.00	58.53 -3.80 0.00	54.32 -3.71 0.00	48.56 -3.26 0.00	46.55 -3.24 0.00	43.10 -2.65 0.00	42.46 -2.33 0.00
ROCHESTER_9_IC 23652	43.62 -2.01 0.00	41.53 -1.96 0.00	38.78 -2.00 0.00	38.49 -1.98 0.00	38.72 -1.95 0.00	41.44 -2.00 0.00	45.99 -2.12 0.00	45.75 -2.71 0.00	41.19 -2.17 0.00	36.53 -1.76 0.00	35.63 -1.56 0.00	34.68 -1.67 0.00	32.69 -1.72 0.00	31.51 -1.73 0.00	32.05 -1.79 0.00	35.71 -1.72 0.00	39.29 -2.42 0.00	47.41 -2.87 0.00	58.97 -3.37 0.00	54.67 -3.37 0.00	48.87 -2.95 0.00	46.85 -2.94 0.00	43.33 -2.42 0.00	42.69 -2.11 0.00
ROCKVIEW_13_KV_LD 356306	48.80 2.24 -0.94	45.58 2.09 0.00	42.78 2.00 0.00	42.46 1.98 0.00	42.71 2.03 0.00	45.52 2.08 0.00	53.13 2.45 -2.57	51.23 2.76 0.00	45.83 2.47 0.00	40.51 2.22 0.00	39.35 2.16 0.00	38.42 2.07 0.00	36.44 2.03 0.00	35.23 1.99 0.00	35.87 2.03 0.00	39.63 2.21 0.00	44.52 2.71 -0.11	55.93 3.32 -2.33	68.94 3.93 -2.68	63.34 3.66 -1.64	57.48 3.21 -2.44	54.63 3.09 -1.75	49.80 2.65 -1.40	47.27 2.46 -0.01
ROME____115KV_TB2 80656	47.22 1.60 0.00	44.92 1.44 0.00	42.16 1.39 0.00	41.85 1.38 0.00	42.05 1.38 0.00	44.87 1.43 0.00	49.65 1.54 0.00	50.07 1.60 0.00	44.70 1.34 0.00	39.33 1.03 0.00	38.19 1.00 0.00	37.11 0.76 0.00	35.03 0.62 0.00	33.80 0.57 0.00	34.49 0.64 0.00	38.25 0.82 0.00	42.62 0.92 0.00	51.79 1.51 0.00	64.64 2.31 0.00	60.19 2.15 0.00	53.74 1.92 0.00	51.68 1.89 0.00	47.35 1.60 0.00	46.32 1.52 0.00
ROSETON___1 23587	48.26 1.73 -0.90	45.10 1.61 0.00	42.37 1.59 0.00	42.05 1.58 0.00	42.30 1.63 0.00	45.08 1.65 0.00	52.46 1.87 -2.47	50.60 2.13 0.00	45.26 1.91 0.00	39.94 1.65 0.00	38.79 1.60 0.00	37.91 1.56 0.00	35.96 1.55 0.00	34.77 1.53 0.00	35.40 1.56 0.00	39.07 1.64 0.00	43.85 2.04 -0.10	55.03 2.51 -2.24	67.84 2.93 -2.58	62.35 2.73 -1.58	56.61 2.44 -2.35	53.81 2.34 -1.69	49.06 1.97 -1.35	46.64 1.84 -0.01
ROSETON___2 23588	48.26 1.73 -0.90	45.10 1.61 0.00	42.37 1.59 0.00	42.05 1.58 0.00	42.30 1.63 0.00	45.08 1.65 0.00	52.46 1.87 -2.47	50.60 2.13 0.00	45.26 1.91 0.00	39.94 1.65 0.00	38.79 1.60 0.00	37.91 1.56 0.00	35.96 1.55 0.00	34.77 1.53 0.00	35.40 1.56 0.00	39.07 1.64 0.00	43.85 2.04 -0.10	55.03 2.51 -2.24	67.84 2.93 -2.58	62.35 2.73 -1.58	56.61 2.44 -2.35	53.81 2.34 -1.69	49.06 1.97 -1.35	46.64 1.84 -0.01
ROTRRDAM_115KV_TB3 80664	57.58 1.60 -10.36	45.01 1.52 0.00	42.20 1.43 0.00	41.89 1.42 0.00	42.14 1.46 0.00	44.95 1.52 0.00	78.28 1.73 -28.44	50.16 1.70 0.00	44.79 1.43 0.00	39.52 1.23 0.00	38.30 1.12 0.00	37.47 1.13 0.00	35.48 1.07 0.00	34.27 1.03 0.00	34.93 1.08 0.00	38.62 1.20 0.00	44.49 1.58 -1.20	77.99 1.91 -25.80	94.30 2.31 -29.66	78.35 2.15 -18.16	80.78 1.92 -27.04	71.04 1.84 -19.42	62.95 1.69 -15.50	46.50 1.61 -0.10
RUSSELL___1 23602	43.80 -1.82 0.00	41.71 -1.78 0.00	38.94 -1.83 0.00	38.69 -1.78 0.00	38.88 -1.79 0.00	41.61 -1.82 0.00	46.19 -1.92 0.00	45.95 -2.52 0.00	41.40 -1.95 0.00	36.69 -1.61 0.00	35.81 -1.38 0.00	34.86 -1.49 0.00	32.83 -1.58 0.00	31.64 -1.60 0.00	32.22 -1.62 0.00	35.89 -1.53 0.00	39.49 -2.21 0.00	47.66 -2.61 0.00	59.34 -2.99 0.00	55.02 -3.02 0.00	49.13 -2.69 0.00	47.10 -2.69 0.00	43.55 -2.20 0.00	42.91 -1.88 0.00
RUSSELL___2 23532	43.80 -1.82 0.00	41.71 -1.78 0.00	38.94 -1.83 0.00	38.69 -1.78 0.00	38.88 -1.79 0.00	41.61 -1.82 0.00	46.19 -1.92 0.00	45.95 -2.52 0.00	41.40 -1.95 0.00	36.69 -1.61 0.00	35.81 -1.38 0.00	34.86 -1.49 0.00	32.83 -1.58 0.00	31.64 -1.60 0.00	32.22 -1.62 0.00	35.89 -1.53 0.00	39.49 -2.21 0.00	47.66 -2.61 0.00	59.34 -2.99 0.00	55.02 -3.02 0.00	49.13 -2.69 0.00	47.10 -2.69 0.00	43.55 -2.20 0.00	42.91 -1.88 0.00
RUSSELL___3 23549	43.80 -1.82 0.00	41.71 -1.78 0.00	38.94 -1.83 0.00	38.69 -1.78 0.00	38.88 -1.79 0.00	41.61 -1.82 0.00	46.19 -1.92 0.00	45.95 -2.52 0.00	41.40 -1.95 0.00	36.69 -1.61 0.00	35.81 -1.38 0.00	34.86 -1.49 0.00	32.83 -1.58 0.00	31.64 -1.60 0.00	32.22 -1.62 0.00	35.89 -1.53 0.00	39.49 -2.21 0.00	47.66 -2.61 0.00	59.34 -2.99 0.00	55.02 -3.02 0.00	49.13 -2.69 0.00	47.10 -2.69 0.00	43.55 -2.20 0.00	42.91 -1.88 0.00
RUSSELL___4 23556	43.80 -1.82 0.00	41.71 -1.78 0.00	38.94 -1.83 0.00	38.69 -1.78 0.00	38.88 -1.79 0.00	41.61 -1.82 0.00	46.19 -1.92 0.00	45.95 -2.52 0.00	41.40 -1.95 0.00	36.69 -1.61 0.00	35.81 -1.38 0.00	34.86 -1.49 0.00	32.83 -1.58 0.00	31.64 -1.60 0.00	32.22 -1.62 0.00	35.89 -1.53 0.00	39.49 -2.21 0.00	47.66 -2.61 0.00	59.34 -2.99 0.00	55.02 -3.02 0.00	49.13 -2.69 0.00	47.10 -2.69 0.00	43.55 -2.20 0.00	42.91 -1.88 0.00
RUSSELL___STATION 23914	43.80 -1.82 0.00	41.71 -1.78 0.00	38.94 -1.83 0.00	38.69 -1.78 0.00	38.88 -1.79 0.00	41.61 -1.82 0.00	46.19 -1.92 0.00	45.95 -2.52 0.00	41.40 -1.95 0.00	36.69 -1.61 0.00	35.81 -1.38 0.00	34.86 -1.49 0.00	32.83 -1.58 0.00	31.64 -1.60 0.00	32.22 -1.62 0.00	35.89 -1.53 0.00	39.49 -2.21 0.00	47.66 -2.61 0.00	59.34 -2.99 0.00	55.02 -3.02 0.00	49.13 -2.69 0.00	47.10 -2.69 0.00	43.55 -2.20 0.00	42.91 -1.88 0.00
S SALMON___HYD 24043	45.21 -0.41 0.00	43.05 -0.43 0.00	40.37 -0.41 0.00	40.11 -0.36 0.00	40.31 -0.37 0.00	42.96 -0.48 0.00	47.44 -0.67 0.00	47.74 -0.73 0.00	42.66 -0.70 0.00	37.68 -0.61 0.00	36.63 -0.56 0.00	35.69 -0.65 0.00	33.73 -0.69 0.00	32.54 -0.70 0.00	33.13 -0.71 0.00	36.71 -0.71 0.00	40.66 -1.04 0.00	49.27 -1.01 0.00	61.52 -0.81 0.00	57.28 -0.76 0.00	51.25 -0.57 0.00	49.24 -0.55 0.00	45.25 -0.50 0.00	44.30 -0.49 0.00
S.PERRY___115KV_TB1 80734	45.12 -0.73 -0.22	42.66 -0.83 0.00	39.72 -1.06 0.00	39.38 -1.09 0.00	39.57 -1.10 0.00	42.35 -1.09 0.00	47.71 -1.01 -0.61	46.67 -1.79 0.00	41.66 -1.69 0.00	36.76 -1.53 0.00	35.74 -1.45 0.00	34.75 -1.60 0.00	32.56 -1.86 0.00	31.28 -1.96 0.00	31.88 -1.96 0.00	35.56 -1.87 0.00	39.39 -2.34 -0.03	48.72 -2.11 -0.55	61.16 -1.81 -0.64	56.80 -1.63 -0.39	51.11 -1.30 -0.58	48.81 -1.39 -0.42	45.03 -1.05 -0.33	44.03 -0.76 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	42.48 -3.15 0.00	40.53 -2.96 0.00	37.76 -3.02 0.00	37.40 -3.08 0.00	37.62 -3.05 0.00	40.39 -3.04 0.00	44.79 -3.32 0.00	44.06 -4.41 0.00	39.93 -3.43 0.00	35.57 -2.72 0.00	34.77 -2.42 0.00	33.80 -2.54 0.00	31.76 -2.65 0.00	30.58 -2.66 0.00	31.07 -2.78 0.00	34.66 -2.77 0.00	37.91 -3.80 0.00	45.85 -4.42 0.00	56.66 -5.67 0.00	52.41 -5.63 0.00	47.06 -4.77 0.00	45.15 -4.63 0.00	42.04 -3.71 0.00	41.70 -3.09 0.00

SAWYER___23_KV_LOAD 55526	42.48 -3.15 0.00	40.53 -2.96 0.00	37.76 -3.02 0.00	37.40 -3.08 0.00	37.62 -3.05 0.00	40.39 -3.04 0.00	44.79 -3.32 0.00	44.06 -4.41 0.00	39.93 -3.43 0.00	35.57 -2.72 0.00	34.77 -2.42 0.00	33.80 -2.54 0.00	31.76 -2.65 0.00	30.58 -2.66 0.00	31.07 -2.78 0.00	34.66 -2.77 0.00	37.91 -3.80 0.00	45.85 -4.42 0.00	56.66 -5.67 0.00	52.41 -5.63 0.00	47.06 -4.77 0.00	45.15 -4.63 0.00	42.04 -3.71 0.00	41.70 -3.09 0.00
SELKIRK___I 23801	50.92 1.87 -3.43	45.40 1.91 0.00	42.61 1.84 0.00	42.25 1.78 0.00	42.50 1.83 0.00	45.39 1.96 0.00	59.49 1.97 -9.41	50.46 1.99 0.00	45.00 1.65 0.00	39.67 1.38 0.00	38.45 1.27 0.00	37.62 1.27 0.00	35.62 1.20 0.00	34.43 1.19 0.00	35.06 1.22 0.00	38.81 1.39 0.00	43.85 1.75 -0.40	60.93 2.11 -8.54	74.64 2.50 -9.81	66.43 2.38 -6.01	62.90 2.13 -8.95	58.25 2.04 -6.42	52.80 1.92 -5.13	46.79 1.97 -0.03
SELKIRK___II 23799	50.92 1.64 -3.66	45.10 1.61 0.00	42.33 1.55 0.00	42.01 1.54 0.00	42.26 1.58 0.00	45.08 1.65 0.00	59.87 1.73 -10.03	50.31 1.84 0.00	44.96 1.61 0.00	39.67 1.38 0.00	38.49 1.30 0.00	37.65 1.31 0.00	35.69 1.27 0.00	34.47 1.23 0.00	35.10 1.25 0.00	38.81 1.39 0.00	43.80 1.67 -0.42	61.39 2.01 -9.10	75.10 2.31 -10.46	66.65 2.20 -6.41	63.33 1.97 -9.54	58.52 1.89 -6.85	52.91 1.69 -5.47	46.53 1.70 -0.03
SENECA OSWGO___HYD 24041	44.39 -1.23 0.00	42.36 -1.13 0.00	39.72 -1.06 0.00	39.46 -1.01 0.00	39.61 -1.06 0.00	42.30 -1.13 0.00	46.81 -1.30 0.00	47.06 -1.41 0.00	42.14 -1.21 0.00	37.37 -0.92 0.00	36.33 -0.85 0.00	35.44 -0.91 0.00	33.45 -0.96 0.00	32.27 -0.96 0.00	32.86 -0.98 0.00	36.45 -0.97 0.00	40.33 -1.38 0.00	48.62 -1.66 0.00	60.40 -1.93 0.00	56.18 -1.86 0.00	50.16 -1.66 0.00	48.14 -1.64 0.00	44.24 -1.51 0.00	43.36 -1.44 0.00
SENECA___115KV_TB3 355854	43.11 -2.51 0.00	41.18 -2.30 0.00	38.37 -2.41 0.00	37.96 -2.51 0.00	38.23 -2.44 0.00	41.00 -2.43 0.00	45.46 -2.65 0.00	44.74 -3.73 0.00	40.58 -2.77 0.00	36.15 -2.14 0.00	35.29 -1.90 0.00	34.31 -2.04 0.00	32.25 -2.17 0.00	31.01 -2.23 0.00	31.54 -2.30 0.00	35.18 -2.25 0.00	38.49 -3.21 0.00	46.61 -3.67 0.00	57.72 -4.61 0.00	53.34 -4.70 0.00	47.88 -3.94 0.00	45.90 -3.88 0.00	42.78 -2.97 0.00	42.38 -2.42 0.00
SENECA___ENERGY 23797	44.58 -1.05 0.00	42.53 -0.96 0.00	39.80 -0.98 0.00	39.54 -0.93 0.00	39.70 -0.98 0.00	42.48 -0.96 0.00	47.10 -1.01 0.00	47.16 -1.31 0.00	42.27 -1.08 0.00	37.45 -0.84 0.00	36.41 -0.78 0.00	35.47 -0.87 0.00	33.38 -1.03 0.00	32.21 -1.03 0.00	32.79 -1.05 0.00	36.45 -0.97 0.00	40.37 -1.34 0.00	48.92 -1.36 0.00	60.78 -1.56 0.00	56.59 -1.45 0.00	50.58 -1.24 0.00	48.49 -1.29 0.00	44.56 -1.19 0.00	43.77 -1.03 0.00
SHOEMAKER___GT 23640	47.92 1.46 -0.84	44.84 1.35 0.00	42.12 1.34 0.00	41.81 1.33 0.00	42.06 1.38 0.00	44.87 1.43 0.00	51.99 1.59 -2.30	50.26 1.79 0.00	44.91 1.56 0.00	39.60 1.30 0.00	38.41 1.23 0.00	37.58 1.24 0.00	35.62 1.20 0.00	34.43 1.19 0.00	35.06 1.22 0.00	38.74 1.31 0.00	43.43 1.62 -0.10	54.52 2.16 -2.08	67.22 2.50 -2.39	61.83 2.32 -1.47	56.08 2.08 -2.18	53.34 1.99 -1.57	48.70 1.69 -1.25	46.37 1.57 -0.01
SHOEMAKR_138KV_BK 111 55601	47.87 1.41 -0.83	44.79 1.30 0.00	42.08 1.30 0.00	41.77 1.30 0.00	42.01 1.34 0.00	44.78 1.35 0.00	51.93 1.54 -2.28	50.21 1.74 0.00	44.87 1.52 0.00	39.60 1.30 0.00	38.45 1.26 0.00	37.58 1.24 0.00	35.62 1.20 0.00	34.44 1.20 0.00	35.06 1.22 0.00	38.74 1.31 0.00	43.43 1.63 -0.10	54.46 2.11 -2.07	67.14 2.43 -2.38	61.76 2.26 -1.46	56.06 2.07 -2.17	53.28 1.94 -1.56	48.69 1.69 -1.24	46.37 1.57 -0.01
SHOREHAM_IC_1 23715	48.93 2.37 -0.94	45.53 2.04 0.00	42.73 1.96 0.00	42.34 1.86 0.00	43.11 2.44 0.00	46.69 3.26 0.00	57.98 3.75 -6.12	59.85 4.07 -7.31	45.91 2.56 0.00	40.13 1.84 0.00	38.79 1.60 0.00	37.84 1.49 0.00	35.86 1.45 0.00	34.67 1.43 0.00	35.47 1.62 0.00	39.37 1.94 0.00	44.94 3.13 -0.11	56.23 3.62 -2.33	69.50 4.49 -2.68	63.68 4.00 -1.64	57.79 3.53 -2.44	55.37 3.83 -1.75	50.27 3.11 -1.41	47.71 2.91 -0.01
SHOREHAM_IC_2 23716	48.93 2.37 -0.94	45.53 2.04 0.00	42.73 1.96 0.00	42.34 1.86 0.00	43.11 2.44 0.00	46.69 3.26 0.00	57.98 3.75 -6.12	59.85 4.07 -7.31	45.91 2.56 0.00	40.13 1.84 0.00	38.79 1.60 0.00	37.84 1.49 0.00	35.86 1.45 0.00	34.67 1.43 0.00	35.47 1.62 0.00	39.37 1.94 0.00	44.94 3.13 -0.11	56.23 3.62 -2.33	69.50 4.49 -2.68	63.68 4.00 -1.64	57.79 3.53 -2.44	55.37 3.83 -1.75	50.27 3.11 -1.41	47.71 2.91 -0.01
SISSONVILLE____ 23735	45.03 -0.59 0.00	42.88 -0.61 0.00	40.17 -0.61 0.00	39.91 -0.57 0.00	40.14 -0.53 0.00	42.52 -0.91 0.00	46.91 -1.20 0.00	47.40 -1.07 0.00	42.27 -1.08 0.00	37.11 -1.19 0.00	36.04 -1.15 0.00	35.15 -1.20 0.00	33.48 -0.93 0.00	32.31 -0.93 0.00	32.89 -0.95 0.00	36.30 -1.12 0.00	40.70 -1.00 0.00	49.17 -1.11 0.00	61.65 -0.69 0.00	57.46 -0.58 0.00	51.46 -0.36 0.00	49.68 -0.10 0.00	45.84 0.09 0.00	44.75 -0.04 0.00
SITHE_IND_GS1 24169	43.98 -1.64 0.00	41.97 -1.52 0.00	39.35 -1.43 0.00	39.10 -1.38 0.00	39.29 -1.38 0.00	41.96 -1.48 0.00	46.42 -1.69 0.00	46.63 -1.84 0.00	41.80 -1.56 0.00	37.03 -1.26 0.00	36.00 -1.19 0.00	35.15 -1.20 0.00	33.21 -1.21 0.00	32.07 -1.16 0.00	32.66 -1.19 0.00	36.15 -1.27 0.00	39.95 -1.75 0.00	48.07 -2.21 0.00	59.65 -2.68 0.00	55.49 -2.55 0.00	49.54 -2.28 0.00	47.59 -2.19 0.00	43.74 -2.01 0.00	42.87 -1.92 0.00
SITHE_IND_GS2 24170	43.98 -1.64 0.00	41.97 -1.52 0.00	39.35 -1.43 0.00	39.10 -1.38 0.00	39.29 -1.38 0.00	41.96 -1.48 0.00	46.42 -1.69 0.00	46.63 -1.84 0.00	41.80 -1.56 0.00	37.03 -1.26 0.00	36.00 -1.19 0.00	35.15 -1.20 0.00	33.21 -1.21 0.00	32.07 -1.16 0.00	32.66 -1.19 0.00	36.15 -1.27 0.00	39.95 -1.75 0.00	48.07 -2.21 0.00	59.65 -2.68 0.00	55.49 -2.55 0.00	49.54 -2.28 0.00	47.59 -2.19 0.00	43.74 -2.01 0.00	42.87 -1.92 0.00
SITHE_IND_GS3 24171	43.98 -1.64 0.00	41.97 -1.52 0.00	39.35 -1.43 0.00	39.10 -1.38 0.00	39.29 -1.38 0.00	41.96 -1.48 0.00	46.42 -1.69 0.00	46.63 -1.84 0.00	41.80 -1.56 0.00	37.03 -1.26 0.00	36.00 -1.19 0.00	35.15 -1.20 0.00	33.21 -1.21 0.00	32.07 -1.16 0.00	32.66 -1.19 0.00	36.15 -1.27 0.00	39.95 -1.75 0.00	48.07 -2.21 0.00	59.65 -2.68 0.00	55.49 -2.55 0.00	49.54 -2.28 0.00	47.59 -2.19 0.00	43.74 -2.01 0.00	42.87 -1.92 0.00
SITHE_IND_GS4 24172	43.98 -1.64 0.00	41.97 -1.52 0.00	39.35 -1.43 0.00	39.10 -1.38 0.00	39.29 -1.38 0.00	41.96 -1.48 0.00	46.42 -1.69 0.00	46.63 -1.84 0.00	41.80 -1.56 0.00	37.03 -1.26 0.00	36.00 -1.19 0.00	35.15 -1.20 0.00	33.21 -1.21 0.00	32.07 -1.16 0.00	32.66 -1.19 0.00	36.15 -1.27 0.00	39.95 -1.75 0.00	48.07 -2.21 0.00	59.65 -2.68 0.00	55.49 -2.55 0.00	49.54 -2.28 0.00	47.59 -2.19 0.00	43.74 -2.01 0.00	42.87 -1.92 0.00

SITHE___BATAVIA 24024	43.57 -2.05 0.00	41.66 -1.82 0.00	38.82 -1.96 0.00	38.53 -1.94 0.00	38.76 -1.91 0.00	41.57 -1.87 0.00	46.13 -1.97 0.00	45.66 -2.81 0.00	41.19 -2.17 0.00	36.49 -1.80 0.00	35.63 -1.56 0.00	34.57 -1.78 0.00	32.52 -1.89 0.00	31.25 -1.99 0.00	31.78 -2.07 0.00	35.52 -1.91 0.00	39.08 -2.63 0.00	47.21 -3.07 0.00	58.97 -3.37 0.00	54.67 -3.37 0.00	48.87 -2.95 0.00	46.80 -2.99 0.00	43.42 -2.33 0.00	42.91 -1.88 0.00
SITHE___INDEPEND 23800	44.03 -1.60 0.00	41.97 -1.52 0.00	39.35 -1.43 0.00	39.10 -1.38 0.00	39.29 -1.38 0.00	41.91 -1.52 0.00	46.43 -1.68 0.00	46.63 -1.84 0.00	41.79 -1.56 0.00	37.03 -1.26 0.00	36.00 -1.19 0.00	35.15 -1.20 0.00	33.21 -1.20 0.00	32.08 -1.16 0.00	32.66 -1.18 0.00	36.15 -1.27 0.00	39.95 -1.75 0.00	48.07 -2.21 0.00	59.65 -2.68 0.00	55.48 -2.55 0.00	49.54 -2.28 0.00	47.59 -2.19 0.00	43.74 -2.01 0.00	42.87 -1.93 0.00
SITHE___MASSENA 23902	45.35 -0.27 0.00	43.23 -0.26 0.00	40.49 -0.28 0.00	40.19 -0.28 0.00	40.39 -0.28 0.00	43.04 -0.39 0.00	47.68 -0.43 0.00	48.13 -0.34 0.00	42.96 -0.39 0.00	37.79 -0.50 0.00	36.70 -0.48 0.00	35.95 -0.40 0.00	34.17 -0.24 0.00	33.01 -0.23 0.00	33.57 -0.27 0.00	37.05 -0.37 0.00	41.46 -0.25 0.00	49.98 -0.30 0.00	62.40 0.06 0.00	58.10 0.06 0.00	51.87 0.05 0.00	49.88 0.10 0.00	46.03 0.28 0.00	44.97 0.18 0.00
SITHE___OGDNSBRG 24021	45.90 0.27 0.00	43.71 0.22 0.00	40.94 0.16 0.00	40.63 0.16 0.00	40.92 0.24 0.00	43.52 0.09 0.00	48.11 0.00 0.00	48.52 0.05 0.00	43.18 -0.17 0.00	37.83 -0.46 0.00	36.70 -0.48 0.00	35.84 -0.51 0.00	34.14 -0.28 0.00	32.97 -0.27 0.00	33.57 -0.27 0.00	37.09 -0.34 0.00	41.62 -0.08 0.00	50.33 0.05 0.00	63.27 0.94 0.00	58.91 0.87 0.00	52.65 0.83 0.00	50.73 0.95 0.00	46.71 0.96 0.00	45.65 0.85 0.00
SITHE___STERLING 23777	46.81 1.18 0.00	44.58 1.09 0.00	41.80 1.02 0.00	41.49 1.01 0.00	41.69 1.02 0.00	44.52 1.09 0.00	49.31 1.20 0.00	49.63 1.16 0.00	44.35 1.00 0.00	39.10 0.81 0.00	37.97 0.78 0.00	36.96 0.62 0.00	34.90 0.48 0.00	33.67 0.43 0.00	34.32 0.47 0.00	38.06 0.64 0.00	42.41 0.71 0.00	51.44 1.16 0.00	64.02 1.68 0.00	59.54 1.51 0.00	53.22 1.40 0.00	51.13 1.34 0.00	46.89 1.14 0.00	45.87 1.07 0.00
SLEIGHT__34_KV_TB1 80719	43.98 -1.64 0.00	41.88 -1.61 0.00	39.19 -1.59 0.00	38.94 -1.54 0.00	39.13 -1.55 0.00	41.83 -1.61 0.00	46.43 -1.68 0.00	46.43 -2.04 0.00	41.71 -1.65 0.00	36.99 -1.30 0.00	36.04 -1.15 0.00	35.07 -1.27 0.00	33.04 -1.38 0.00	31.84 -1.40 0.00	32.42 -1.42 0.00	36.08 -1.35 0.00	39.83 -1.88 0.00	48.17 -2.11 0.00	59.96 -2.37 0.00	55.66 -2.38 0.00	49.65 -2.18 0.00	47.59 -2.19 0.00	43.87 -1.88 0.00	43.09 -1.70 0.00
SOUTH CAIRO___GT 23612	51.85 3.01 -3.21	47.05 3.57 0.00	44.12 3.34 0.00	43.75 3.28 0.00	44.05 3.38 0.00	47.00 3.56 0.00	60.24 3.32 -8.81	52.39 3.93 0.00	46.48 3.12 0.00	40.59 2.30 0.00	39.23 2.05 0.00	38.35 2.00 0.00	36.27 1.86 0.00	35.10 1.86 0.00	35.77 1.93 0.00	39.71 2.28 0.00	44.62 2.54 -0.37	61.84 3.57 -7.99	76.26 4.74 -9.19	68.02 4.35 -5.63	64.04 3.83 -8.38	59.44 3.63 -6.02	53.80 3.25 -4.80	48.50 3.67 -0.03
SOUTH HAMPTN___IC 23720	49.16 2.60 -0.94	45.75 2.26 0.00	42.98 2.20 0.00	42.58 2.10 0.00	43.36 2.68 0.00	46.91 3.48 0.00	58.27 4.04 -6.12	60.09 4.31 -7.31	46.26 2.91 0.00	40.40 2.10 0.00	38.97 1.78 0.00	37.98 1.64 0.00	35.96 1.55 0.00	34.77 1.53 0.00	35.57 1.73 0.00	39.52 2.09 0.00	45.07 3.26 -0.11	56.53 3.92 -2.33	69.94 4.92 -2.68	64.03 4.36 -1.64	58.05 3.78 -2.44	55.57 4.03 -1.75	50.49 3.34 -1.41	48.03 3.23 -0.01
SOUTHDOW_115KV_TB1 355954	43.93 -1.92 -0.23	41.84 -1.65 0.00	39.06 -1.71 0.00	38.69 -1.78 0.00	38.96 -1.71 0.00	41.91 -1.52 0.00	47.05 -1.68 -0.62	45.85 -2.62 0.00	41.66 -1.69 0.00	37.18 -1.11 0.00	36.30 -0.89 0.00	35.22 -1.13 0.00	33.00 -1.41 0.00	31.64 -1.60 0.00	32.08 -1.76 0.00	35.82 -1.61 0.00	39.19 -2.54 -0.03	48.33 -2.51 -0.56	59.99 -2.99 -0.65	55.36 -3.08 -0.40	49.98 -2.44 -0.59	47.62 -2.59 -0.42	44.17 -1.92 -0.34	43.36 -1.43 0.00
SOUTHOLD_69_KV_BK 2 55809	49.07 2.51 -0.94	45.75 2.26 0.00	42.94 2.16 0.00	42.58 2.10 0.00	43.44 2.77 0.00	47.04 3.61 0.00	58.55 4.33 -6.12	60.29 4.51 -7.31	46.39 3.03 0.00	40.44 2.14 0.00	38.90 1.71 0.00	37.84 1.49 0.00	35.72 1.31 0.00	34.54 1.30 0.00	35.37 1.52 0.00	39.26 1.83 0.00	44.90 3.09 -0.11	56.43 3.82 -2.33	69.94 4.92 -2.68	63.97 4.29 -1.64	58.00 3.73 -2.44	55.52 3.98 -1.75	50.40 3.25 -1.40	48.16 3.36 -0.01
SOUTHOLD___IC 23719	49.11 2.55 -0.94	45.71 2.22 0.00	42.94 2.16 0.00	42.58 2.10 0.00	43.44 2.77 0.00	47.08 3.65 0.00	58.56 4.33 -6.12	60.29 4.51 -7.31	46.39 3.03 0.00	40.44 2.14 0.00	38.90 1.71 0.00	37.84 1.49 0.00	35.75 1.34 0.00	34.53 1.30 0.00	35.37 1.52 0.00	39.33 1.91 0.00	44.90 3.09 -0.11	56.43 3.82 -2.33	69.94 4.92 -2.68	63.97 4.29 -1.64	58.00 3.73 -2.44	55.42 3.89 -1.75	50.41 3.25 -1.41	48.16 3.36 -0.01
SOUTH_FORK_WT_PWR 323839	48.66 2.10 -0.94	45.27 1.78 0.00	42.53 1.75 0.00	42.21 1.74 0.00	43.15 2.48 0.00	46.82 3.39 0.00	58.27 4.04 -6.12	59.95 4.17 -7.31	46.09 2.73 0.00	40.17 1.88 0.00	38.49 1.30 0.00	37.40 1.05 0.00	35.31 0.89 0.00	34.10 0.86 0.00	34.92 1.08 0.00	38.85 1.42 0.00	44.32 2.50 -0.11	55.73 3.12 -2.33	69.06 4.05 -2.68	63.16 3.48 -1.64	57.27 3.00 -2.44	54.77 3.23 -1.75	49.76 2.61 -1.41	47.71 2.91 -0.01
SPIERFLS_115KV_TB 1 80737	58.94 3.88 -9.43	47.05 3.57 0.00	44.08 3.30 0.00	43.71 3.24 0.00	43.93 3.25 0.00	46.95 3.52 0.00	78.08 4.09 -25.88	52.39 3.93 0.00	46.52 3.16 0.00	40.97 2.68 0.00	39.72 2.53 0.00	38.78 2.44 0.00	36.62 2.20 0.00	35.43 2.19 0.00	36.11 2.27 0.00	40.16 2.73 0.00	46.39 3.59 -1.10	78.24 4.47 -23.48	94.82 5.49 -27.00	79.62 5.05 -16.53	81.00 4.56 -24.62	71.69 4.23 -17.67	63.84 3.98 -14.11	48.73 3.85 -0.09
ST LAWRENCE____ 23600	44.94 -0.68 0.00	42.79 -0.70 0.00	40.12 -0.65 0.00	39.78 -0.69 0.00	39.98 -0.69 0.00	42.70 -0.74 0.00	47.34 -0.77 0.00	47.69 -0.78 0.00	42.62 -0.74 0.00	37.56 -0.73 0.00	36.48 -0.71 0.00	35.69 -0.65 0.00	33.86 -0.55 0.00	32.71 -0.53 0.00	33.27 -0.58 0.00	36.75 -0.67 0.00	41.08 -0.62 0.00	49.53 -0.75 0.00	61.65 -0.68 0.00	57.40 -0.64 0.00	51.25 -0.57 0.00	49.24 -0.55 0.00	45.34 -0.41 0.00	44.35 -0.45 0.00
STATE_CA_115KV_115_LB 55624	54.15 2.14 -6.39	45.58 2.09 0.00	42.78 2.00 0.00	42.46 1.98 0.00	42.67 1.99 0.00	45.52 2.08 0.00	67.94 2.31 -17.52	50.79 2.33 0.00	45.39 2.04 0.00	40.09 1.80 0.00	38.86 1.67 0.00	38.06 1.71 0.00	36.03 1.62 0.00	34.83 1.60 0.00	35.47 1.62 0.00	39.22 1.80 0.00	44.70 2.25 -0.74	68.74 2.56 -15.89	83.60 2.99 -18.27	72.07 2.84 -11.19	71.02 2.54 -16.66	64.19 2.44 -11.96	57.54 2.24 -9.55	47.05 2.19 -0.06

STATE_ST_34_KV_LOAD 55959	45.17 -0.46 0.00	43.01 -0.48 0.00	40.29 -0.49 0.00	40.07 -0.40 0.00	40.22 -0.45 0.00	42.96 -0.48 0.00	47.68 -0.43 0.00	47.89 -0.58 0.00	42.92 -0.43 0.00	38.03 -0.27 0.00	36.97 -0.22 0.00	36.02 -0.33 0.00	33.93 -0.48 0.00	32.77 -0.47 0.00	33.40 -0.44 0.00	37.09 -0.34 0.00	41.12 -0.58 0.00	49.78 -0.50 0.00	61.83 -0.50 0.00	57.46 -0.58 0.00	51.30 -0.52 0.00	49.19 -0.60 0.00	45.16 -0.59 0.00	44.26 -0.54 0.00
STATION 5_MISC_HYD 23604	43.48 -2.14 0.00	41.53 -1.96 0.00	38.78 -2.00 0.00	38.53 -1.94 0.00	38.72 -1.95 0.00	41.44 -2.00 0.00	45.99 -2.12 0.00	45.75 -2.71 0.00	41.19 -2.17 0.00	36.53 -1.76 0.00	35.63 -1.56 0.00	34.68 -1.67 0.00	32.69 -1.72 0.00	31.51 -1.73 0.00	32.05 -1.79 0.00	35.71 -1.72 0.00	39.33 -2.38 0.00	47.41 -2.86 0.00	58.97 -3.37 0.00	54.67 -3.37 0.00	48.87 -2.95 0.00	46.85 -2.94 0.00	43.32 -2.43 0.00	42.69 -2.10 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	44.71 -0.91 0.00	42.58 -0.91 0.00	39.80 -0.98 0.00	39.54 -0.93 0.00	39.74 -0.94 0.00	42.48 -0.96 0.00	47.15 -0.96 0.00	47.21 -1.26 0.00	42.36 -1.00 0.00	37.49 -0.80 0.00	36.48 -0.71 0.00	35.55 -0.80 0.00	33.48 -0.93 0.00	32.27 -0.96 0.00	32.83 -1.02 0.00	36.57 -0.86 0.00	40.41 -1.29 0.00	48.92 -1.36 0.00	60.90 -1.43 0.00	56.59 -1.45 0.00	50.48 -1.35 0.00	48.34 -1.44 0.00	44.56 -1.19 0.00	43.76 -1.03 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	43.43 -2.19 0.00	41.36 -2.13 0.00	38.66 -2.12 0.00	38.41 -2.06 0.00	38.60 -2.07 0.00	41.31 -2.13 0.00	45.80 -2.31 0.00	45.66 -2.81 0.00	41.10 -2.25 0.00	36.42 -1.88 0.00	35.51 -1.67 0.00	34.60 -1.74 0.00	32.59 -1.82 0.00	31.41 -1.83 0.00	31.98 -1.86 0.00	35.59 -1.83 0.00	39.20 -2.50 0.00	47.31 -2.97 0.00	58.84 -3.49 0.00	54.61 -3.42 0.00	48.77 -3.06 0.00	46.75 -3.04 0.00	43.19 -2.56 0.00	42.55 -2.24 0.00
STA_56___34_KV_BUS2 355983	43.43 -2.19 0.00	41.36 -2.13 0.00	38.66 -2.12 0.00	38.41 -2.06 0.00	38.60 -2.07 0.00	41.31 -2.13 0.00	45.80 -2.31 0.00	45.66 -2.81 0.00	41.10 -2.25 0.00	36.42 -1.88 0.00	35.51 -1.67 0.00	34.60 -1.74 0.00	32.59 -1.82 0.00	31.41 -1.83 0.00	31.98 -1.86 0.00	35.59 -1.83 0.00	39.20 -2.50 0.00	47.31 -2.97 0.00	58.84 -3.49 0.00	54.61 -3.42 0.00	48.77 -3.06 0.00	46.75 -3.04 0.00	43.19 -2.56 0.00	42.55 -2.24 0.00
STA_67___115KV_BK2 355882	43.53 -2.10 0.00	41.44 -2.04 0.00	38.70 -2.08 0.00	38.41 -2.06 0.00	38.64 -2.03 0.00	41.35 -2.08 0.00	45.85 -2.26 0.00	45.66 -2.81 0.00	41.10 -2.25 0.00	36.46 -1.84 0.00	35.55 -1.64 0.00	34.60 -1.74 0.00	32.62 -1.79 0.00	31.44 -1.79 0.00	31.98 -1.86 0.00	35.59 -1.83 0.00	39.20 -2.50 0.00	47.26 -3.02 0.00	58.78 -3.55 0.00	54.56 -3.48 0.00	48.71 -3.11 0.00	46.75 -3.04 0.00	43.23 -2.52 0.00	42.60 -2.19 0.00
STA_7___115KV_9TRANS 80674	43.80 -1.82 0.00	41.71 -1.78 0.00	38.94 -1.83 0.00	38.69 -1.78 0.00	38.88 -1.79 0.00	41.61 -1.82 0.00	46.19 -1.92 0.00	45.95 -2.52 0.00	41.40 -1.95 0.00	36.69 -1.61 0.00	35.81 -1.38 0.00	34.86 -1.49 0.00	32.83 -1.58 0.00	31.64 -1.60 0.00	32.22 -1.62 0.00	35.89 -1.53 0.00	39.49 -2.21 0.00	47.66 -2.61 0.00	59.34 -2.99 0.00	55.02 -3.02 0.00	49.13 -2.69 0.00	47.10 -2.69 0.00	43.55 -2.20 0.00	42.91 -1.88 0.00
STA_82___115KV_TB1 80780	43.53 -2.10 0.00	41.44 -2.04 0.00	38.74 -2.04 0.00	38.45 -2.02 0.00	38.64 -2.03 0.00	41.35 -2.08 0.00	45.90 -2.21 0.00	45.66 -2.81 0.00	41.10 -2.25 0.00	36.46 -1.84 0.00	35.55 -1.64 0.00	34.60 -1.74 0.00	32.62 -1.79 0.00	31.44 -1.79 0.00	31.98 -1.86 0.00	35.63 -1.80 0.00	39.20 -2.50 0.00	47.31 -2.97 0.00	58.78 -3.55 0.00	54.56 -3.48 0.00	48.71 -3.11 0.00	46.75 -3.04 0.00	43.23 -2.52 0.00	42.60 -2.19 0.00
STEEL___WIND 323596	42.84 -2.78 0.00	41.10 -2.39 0.00	38.29 -2.49 0.00	37.92 -2.55 0.00	38.15 -2.52 0.00	40.96 -2.47 0.00	45.42 -2.69 0.00	44.69 -3.78 0.00	40.54 -2.82 0.00	36.11 -2.18 0.00	35.25 -1.94 0.00	34.28 -2.07 0.00	32.21 -2.20 0.00	30.98 -2.26 0.00	31.47 -2.37 0.00	35.14 -2.28 0.00	38.45 -3.25 0.00	46.56 -3.72 0.00	57.59 -4.74 0.00	53.28 -4.76 0.00	47.83 -3.99 0.00	45.85 -3.93 0.00	42.69 -3.06 0.00	42.33 -2.46 0.00
STEPHTWN_115KV_BK_2 55603	52.56 2.51 -4.43	45.92 2.44 0.00	43.06 2.28 0.00	42.74 2.27 0.00	42.95 2.28 0.00	45.82 2.39 0.00	62.90 2.65 -12.14	51.18 2.71 0.00	45.70 2.34 0.00	40.32 2.03 0.00	39.09 1.90 0.00	38.24 1.89 0.00	36.20 1.79 0.00	34.97 1.73 0.00	35.60 1.76 0.00	39.45 2.02 0.00	44.72 2.50 -0.51	64.26 2.97 -11.02	78.55 3.55 -12.66	69.10 3.31 -7.76	66.32 2.95 -11.55	60.91 2.84 -8.29	54.98 2.61 -6.62	47.43 2.60 -0.04
STEUBEN_REC_LFGE 323667	44.49 -1.41 -0.28	42.01 -1.48 0.00	38.86 -1.92 0.00	38.25 -2.23 0.00	38.23 -2.44 0.00	40.87 -2.56 0.00	46.32 -2.55 -0.76	45.17 -3.30 0.00	40.36 -2.99 0.00	35.73 -2.57 0.00	34.99 -2.19 0.00	34.02 -2.33 0.00	31.87 -2.55 0.00	30.55 -2.69 0.00	31.10 -2.74 0.00	34.73 -2.69 0.00	38.61 -3.13 -0.03	48.05 -2.92 -0.69	59.88 -3.24 -0.79	55.45 -3.08 -0.48	50.00 -2.54 -0.72	47.76 -2.54 -0.52	44.10 -2.06 -0.41	43.18 -1.61 0.00
STILLWATER___SOLAR 323814	57.75 2.88 -9.25	46.23 2.74 0.00	43.31 2.53 0.00	42.98 2.51 0.00	43.19 2.52 0.00	46.17 2.74 0.00	76.58 3.08 -25.39	51.43 2.96 0.00	45.78 2.43 0.00	40.32 2.03 0.00	39.08 1.90 0.00	38.16 1.82 0.00	36.13 1.72 0.00	34.97 1.73 0.00	35.63 1.79 0.00	39.52 2.09 0.00	45.49 2.71 -1.07	76.63 3.32 -23.03	92.81 3.99 -26.48	77.97 3.72 -16.22	79.29 3.32 -24.14	70.26 3.14 -17.33	62.52 2.93 -13.84	47.75 2.87 -0.09
STONY___BROOK 24151	49.44 2.88 -0.94	46.05 2.57 0.00	43.18 2.41 0.00	42.78 2.31 0.00	43.40 2.73 0.00	46.69 3.26 0.00	57.98 3.75 -6.12	59.85 4.07 -7.31	46.43 3.08 0.00	40.63 2.34 0.00	39.34 2.16 0.00	38.34 2.00 0.00	36.37 1.96 0.00	35.17 1.93 0.00	35.98 2.13 0.00	39.93 2.51 0.00	45.36 3.54 -0.11	56.93 4.32 -2.33	70.18 5.17 -2.68	64.32 4.64 -1.64	58.41 4.15 -2.44	55.77 4.23 -1.75	50.82 3.66 -1.41	48.25 3.45 -0.01
STURGEON_POOL_HYD 23609	48.49 1.51 -1.36	45.23 1.74 0.00	42.49 1.71 0.00	42.17 1.70 0.00	42.42 1.75 0.00	45.22 1.78 0.00	53.57 1.73 -3.73	50.75 2.28 0.00	45.35 1.99 0.00	39.94 1.65 0.00	38.79 1.60 0.00	37.95 1.60 0.00	36.00 1.58 0.00	34.80 1.56 0.00	35.43 1.59 0.00	39.11 1.68 0.00	43.74 1.88 -0.16	56.08 2.41 -3.38	69.09 2.87 -3.89	63.09 2.67 -2.38	57.70 2.33 -3.55	54.57 2.24 -2.55	49.66 1.88 -2.03	46.73 1.93 -0.01
ST_LAW_115_BK7_LBMP 345037	44.89 -0.73 0.00	42.79 -0.70 0.00	40.08 -0.69 0.00	39.78 -0.69 0.00	39.94 -0.73 0.00	42.65 -0.78 0.00	47.29 -0.82 0.00	47.69 -0.78 0.00	42.62 -0.74 0.00	37.53 -0.77 0.00	36.44 -0.74 0.00	35.66 -0.69 0.00	33.83 -0.59 0.00	32.67 -0.57 0.00	33.27 -0.58 0.00	36.71 -0.71 0.00	41.08 -0.62 0.00	49.47 -0.81 0.00	61.65 -0.68 0.00	57.40 -0.64 0.00	51.25 -0.57 0.00	49.29 -0.50 0.00	45.38 -0.37 0.00	44.39 -0.40 0.00

ST_LAW_115_BK8_LBMP 345038	44.89 -0.73 0.00	42.79 -0.70 0.00	40.08 -0.69 0.00	39.78 -0.69 0.00	39.94 -0.73 0.00	42.65 -0.78 0.00	47.29 -0.82 0.00	47.69 -0.78 0.00	42.62 -0.74 0.00	37.53 -0.77 0.00	36.44 -0.74 0.00	35.66 -0.69 0.00	33.83 -0.59 0.00	32.67 -0.57 0.00	33.27 -0.58 0.00	36.71 -0.71 0.00	41.08 -0.62 0.00	49.47 -0.81 0.00	61.65 -0.68 0.00	57.40 -0.64 0.00	51.25 -0.57 0.00	49.29 -0.50 0.00	45.38 -0.37 0.00	44.39 -0.40 0.00
ST_LAW_230_BK5_LBMP 345035	44.94 -0.68 0.00	42.79 -0.70 0.00	40.12 -0.65 0.00	39.78 -0.69 0.00	39.98 -0.69 0.00	42.70 -0.74 0.00	47.34 -0.77 0.00	47.69 -0.78 0.00	42.62 -0.74 0.00	37.56 -0.73 0.00	36.48 -0.71 0.00	35.69 -0.65 0.00	33.86 -0.55 0.00	32.71 -0.53 0.00	33.27 -0.58 0.00	36.75 -0.67 0.00	41.08 -0.62 0.00	49.53 -0.75 0.00	61.65 -0.68 0.00	57.40 -0.64 0.00	51.25 -0.57 0.00	49.24 -0.55 0.00	45.34 -0.41 0.00	44.35 -0.45 0.00
ST_LAW_230_BK6_LBMP 345036	44.94 -0.68 0.00	42.79 -0.70 0.00	40.12 -0.65 0.00	39.78 -0.69 0.00	39.98 -0.69 0.00	42.70 -0.74 0.00	47.34 -0.77 0.00	47.69 -0.78 0.00	42.62 -0.74 0.00	37.56 -0.73 0.00	36.48 -0.71 0.00	35.69 -0.65 0.00	33.86 -0.55 0.00	32.71 -0.53 0.00	33.27 -0.58 0.00	36.75 -0.67 0.00	41.08 -0.62 0.00	49.53 -0.75 0.00	61.65 -0.68 0.00	57.40 -0.64 0.00	51.25 -0.57 0.00	49.24 -0.55 0.00	45.34 -0.41 0.00	44.35 -0.45 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	47.99 1.51 -0.86	44.92 1.44 0.00	42.16 1.39 0.00	41.89 1.42 0.00	42.14 1.46 0.00	44.91 1.48 0.00	52.14 1.68 -2.35	50.41 1.94 0.00	45.05 1.69 0.00	39.75 1.46 0.00	38.60 1.41 0.00	37.76 1.42 0.00	35.79 1.38 0.00	34.60 1.36 0.00	35.23 1.39 0.00	38.89 1.46 0.00	43.64 1.84 -0.10	54.77 2.36 -2.13	67.46 2.68 -2.45	62.03 2.50 -1.50	56.29 2.23 -2.23	53.53 2.14 -1.60	48.86 1.83 -1.28	46.46 1.66 -0.01
SWANROAD_115KV_TB1 355699	41.52 -4.11 0.00	39.62 -3.87 0.00	36.90 -3.87 0.00	36.51 -3.97 0.00	36.77 -3.90 0.00	39.44 -4.00 0.00	43.73 -4.38 0.00	42.99 -5.48 0.00	38.98 -4.38 0.00	34.69 -3.60 0.00	33.88 -3.31 0.00	32.97 -3.38 0.00	31.01 -3.41 0.00	29.82 -3.42 0.00	30.32 -3.52 0.00	33.83 -3.59 0.00	36.95 -4.75 0.00	44.65 -5.63 0.00	55.23 -7.11 0.00	51.07 -6.96 0.00	45.81 -6.01 0.00	44.01 -5.77 0.00	41.04 -4.71 0.00	40.76 -4.03 0.00
SYNERGY___BIOGAS 323694	43.57 -2.05 0.00	41.66 -1.82 0.00	38.82 -1.96 0.00	38.53 -1.94 0.00	38.76 -1.91 0.00	41.57 -1.87 0.00	46.13 -1.97 0.00	45.66 -2.81 0.00	41.19 -2.17 0.00	36.49 -1.80 0.00	35.63 -1.56 0.00	34.57 -1.78 0.00	32.52 -1.89 0.00	31.25 -1.99 0.00	31.78 -2.07 0.00	35.52 -1.91 0.00	39.08 -2.63 0.00	47.21 -3.07 0.00	58.97 -3.37 0.00	54.67 -3.37 0.00	48.87 -2.95 0.00	46.80 -2.99 0.00	43.42 -2.33 0.00	42.91 -1.88 0.00
SYRACUSE___ENERGY_ST1 323597	45.12 -0.50 0.00	43.01 -0.48 0.00	40.29 -0.49 0.00	40.03 -0.45 0.00	40.18 -0.49 0.00	42.91 -0.52 0.00	47.53 -0.58 0.00	47.79 -0.68 0.00	42.79 -0.56 0.00	37.95 -0.34 0.00	36.89 -0.30 0.00	35.98 -0.36 0.00	33.93 -0.48 0.00	32.77 -0.47 0.00	33.37 -0.47 0.00	37.02 -0.41 0.00	41.00 -0.71 0.00	49.47 -0.80 0.00	61.46 -0.87 0.00	57.11 -0.93 0.00	50.99 -0.83 0.00	48.94 -0.85 0.00	44.97 -0.78 0.00	44.08 -0.72 0.00
SYRACUSE___ENERGY_ST2 323598	45.12 -0.50 0.00	43.01 -0.48 0.00	40.29 -0.49 0.00	40.03 -0.45 0.00	40.18 -0.49 0.00	42.91 -0.52 0.00	47.53 -0.58 0.00	47.79 -0.68 0.00	42.79 -0.56 0.00	37.95 -0.34 0.00	36.89 -0.30 0.00	35.98 -0.36 0.00	33.93 -0.48 0.00	32.77 -0.47 0.00	33.37 -0.47 0.00	37.02 -0.41 0.00	41.00 -0.71 0.00	49.47 -0.80 0.00	61.46 -0.87 0.00	57.11 -0.93 0.00	50.99 -0.83 0.00	48.94 -0.85 0.00	44.97 -0.78 0.00	44.08 -0.72 0.00
SYRACUSE___POWER 24017	44.99 -0.64 0.00	42.88 -0.61 0.00	40.17 -0.61 0.00	39.91 -0.57 0.00	40.06 -0.61 0.00	42.78 -0.65 0.00	47.39 -0.72 0.00	47.64 -0.82 0.00	42.66 -0.69 0.00	37.83 -0.46 0.00	36.78 -0.41 0.00	35.87 -0.47 0.00	33.86 -0.55 0.00	32.67 -0.57 0.00	33.27 -0.58 0.00	36.90 -0.52 0.00	40.87 -0.83 0.00	49.37 -0.91 0.00	61.27 -1.06 0.00	56.94 -1.10 0.00	50.89 -0.93 0.00	48.84 -0.95 0.00	44.84 -0.92 0.00	43.94 -0.85 0.00
TALLMAN___138KV_BK151 55660	48.10 1.60 -0.88	45.01 1.52 0.00	42.29 1.51 0.00	41.97 1.50 0.00	42.22 1.55 0.00	45.00 1.56 0.00	52.31 1.78 -2.42	50.50 2.04 0.00	45.22 1.86 0.00	39.94 1.65 0.00	38.79 1.60 0.00	37.91 1.56 0.00	35.93 1.51 0.00	34.73 1.50 0.00	35.37 1.52 0.00	39.07 1.65 0.00	43.81 2.00 -0.10	55.04 2.56 -2.19	67.79 2.93 -2.52	62.31 2.73 -1.54	56.56 2.44 -2.30	53.73 2.29 -1.65	49.04 1.97 -1.32	46.59 1.79 -0.01
TEALLAVE_115KV_TB7 355573	44.80 -0.82 0.00	42.71 -0.78 0.00	40.04 -0.73 0.00	39.79 -0.69 0.00	39.94 -0.73 0.00	42.65 -0.78 0.00	47.24 -0.87 0.00	47.45 -1.02 0.00	42.53 -0.82 0.00	37.68 -0.61 0.00	36.67 -0.52 0.00	35.77 -0.58 0.00	33.73 -0.69 0.00	32.57 -0.66 0.00	33.17 -0.68 0.00	36.79 -0.64 0.00	40.70 -1.00 0.00	49.12 -1.16 0.00	60.96 -1.37 0.00	56.65 -1.39 0.00	50.63 -1.19 0.00	48.59 -1.19 0.00	44.61 -1.14 0.00	43.76 -1.03 0.00
TELGRAPH_34_KV_EAST 80808	42.70 -2.92 0.00	40.66 -2.83 0.00	37.92 -2.85 0.00	37.56 -2.91 0.00	37.78 -2.89 0.00	40.52 -2.91 0.00	44.98 -3.13 0.00	44.35 -4.12 0.00	40.10 -3.25 0.00	35.65 -2.64 0.00	34.81 -2.38 0.00	33.84 -2.51 0.00	31.80 -2.62 0.00	30.61 -2.63 0.00	31.10 -2.74 0.00	34.73 -2.69 0.00	38.08 -3.63 0.00	46.00 -4.27 0.00	57.16 -5.17 0.00	52.93 -5.11 0.00	47.37 -4.46 0.00	45.45 -4.33 0.00	42.27 -3.48 0.00	41.88 -2.91 0.00
TEMPLE___115KV_TB 2 55572	44.85 -0.78 0.00	42.75 -0.74 0.00	40.04 -0.73 0.00	39.79 -0.69 0.00	39.98 -0.69 0.00	42.65 -0.78 0.00	47.24 -0.87 0.00	47.45 -1.02 0.00	42.53 -0.82 0.00	37.72 -0.57 0.00	36.67 -0.52 0.00	35.80 -0.55 0.00	33.76 -0.65 0.00	32.61 -0.63 0.00	33.20 -0.64 0.00	36.83 -0.60 0.00	40.75 -0.96 0.00	49.17 -1.11 0.00	60.96 -1.37 0.00	56.70 -1.33 0.00	50.63 -1.19 0.00	48.59 -1.19 0.00	44.65 -1.10 0.00	43.76 -1.03 0.00
TIANA____69_KV_BK 1 55817	49.16 2.60 -0.94	45.84 2.35 0.00	42.98 2.20 0.00	42.58 2.10 0.00	43.32 2.64 0.00	46.87 3.43 0.00	58.22 3.99 -6.12	60.10 4.31 -7.31	46.26 2.90 0.00	40.40 2.11 0.00	39.05 1.86 0.00	38.06 1.71 0.00	36.00 1.58 0.00	34.83 1.60 0.00	35.64 1.79 0.00	39.52 2.10 0.00	45.15 3.34 -0.11	56.63 4.02 -2.33	70.00 4.99 -2.68	64.09 4.41 -1.64	58.15 3.89 -2.44	55.72 4.18 -1.75	50.54 3.39 -1.40	48.07 3.27 -0.01
TILDEN___115KV_TB1 80814	44.99 -0.64 0.00	42.88 -0.61 0.00	40.17 -0.61 0.00	39.91 -0.57 0.00	40.06 -0.61 0.00	42.78 -0.65 0.00	47.39 -0.72 0.00	47.64 -0.82 0.00	42.66 -0.69 0.00	37.83 -0.46 0.00	36.78 -0.41 0.00	35.87 -0.47 0.00	33.86 -0.55 0.00	32.67 -0.57 0.00	33.27 -0.58 0.00	36.90 -0.52 0.00	40.87 -0.83 0.00	49.37 -0.91 0.00	61.27 -1.06 0.00	56.94 -1.10 0.00	50.89 -0.93 0.00	48.84 -0.95 0.00	44.84 -0.92 0.00	43.94 -0.85 0.00

TRIGEN___CC 323695	49.07 2.51 -0.94	45.79 2.30 0.00	42.98 2.20 0.00	42.62 2.15 0.00	42.99 2.32 0.00	45.95 2.52 0.00	57.16 2.93 -6.12	59.03 3.25 -7.31	46.09 2.73 0.00	40.55 2.26 0.00	39.31 2.12 0.00	38.38 2.04 0.00	36.41 2.00 0.00	35.20 1.96 0.00	35.91 2.06 0.00	39.75 2.32 0.00	44.90 3.09 -0.11	56.33 3.72 -2.33	69.31 4.30 -2.68	63.63 3.95 -1.64	57.84 3.58 -2.44	55.07 3.53 -1.75	50.26 3.11 -1.40	47.71 2.91 -0.01
TRINITY___115KV___4 BK 55933	52.74 2.01 -5.11	45.45 1.96 0.00	42.65 1.88 0.00	42.33 1.86 0.00	42.54 1.87 0.00	45.39 1.95 0.00	64.24 2.12 -14.01	50.65 2.18 0.00	45.31 1.95 0.00	39.98 1.68 0.00	38.79 1.60 0.00	37.95 1.60 0.00	35.96 1.55 0.00	34.73 1.50 0.00	35.37 1.52 0.00	39.11 1.68 0.00	44.42 2.13 -0.59	65.35 2.36 -12.71	79.69 2.74 -14.61	69.60 2.61 -8.95	67.48 2.33 -13.32	61.59 2.24 -9.57	55.45 2.06 -7.64	46.86 2.02 -0.05
UNION___PROCESSING_DRP 323587	43.53 -2.10 0.00	41.44 -2.04 0.00	38.74 -2.04 0.00	38.45 -2.02 0.00	38.64 -2.03 0.00	41.35 -2.08 0.00	45.90 -2.21 0.00	45.66 -2.81 0.00	41.10 -2.25 0.00	36.46 -1.84 0.00	35.55 -1.64 0.00	34.64 -1.71 0.00	32.62 -1.79 0.00	31.44 -1.79 0.00	31.98 -1.86 0.00	35.63 -1.80 0.00	39.20 -2.50 0.00	47.31 -2.97 0.00	58.84 -3.49 0.00	54.56 -3.48 0.00	48.77 -3.06 0.00	46.75 -3.04 0.00	43.23 -2.52 0.00	42.60 -2.19 0.00
UPPER HUDSON___HYD 24058	58.93 3.88 -9.43	47.10 3.61 0.00	44.08 3.30 0.00	43.71 3.24 0.00	43.97 3.29 0.00	47.00 3.56 0.00	78.08 4.09 -25.88	52.39 3.92 0.00	46.52 3.16 0.00	40.97 2.68 0.00	39.72 2.53 0.00	38.75 2.40 0.00	36.62 2.20 0.00	35.43 2.19 0.00	36.11 2.27 0.00	40.16 2.73 0.00	46.39 3.59 -1.10	78.23 4.47 -23.48	94.82 5.49 -27.00	79.62 5.05 -16.53	81.00 4.56 -24.62	71.69 4.23 -17.67	63.84 3.98 -14.11	48.73 3.85 -0.09
UPPER RAQUET___HYD 24056	45.03 -0.59 0.00	42.88 -0.61 0.00	40.17 -0.61 0.00	39.91 -0.57 0.00	40.06 -0.61 0.00	42.48 -0.96 0.00	46.91 -1.20 0.00	47.40 -1.07 0.00	42.27 -1.08 0.00	37.11 -1.19 0.00	36.04 -1.15 0.00	35.22 -1.13 0.00	33.49 -0.93 0.00	32.31 -0.93 0.00	32.89 -0.95 0.00	36.30 -1.12 0.00	40.70 -1.00 0.00	49.17 -1.11 0.00	61.65 -0.68 0.00	57.46 -0.58 0.00	51.46 -0.36 0.00	49.68 -0.10 0.00	45.84 0.09 0.00	44.75 -0.04 0.00
VALLEY44_115KV_TB2 355964	43.80 -2.05 -0.23	41.66 -1.83 0.00	38.90 -1.88 0.00	38.49 -1.98 0.00	38.72 -1.95 0.00	41.57 -1.87 0.00	46.68 -2.07 -0.64	45.46 -3.01 0.00	41.10 -2.25 0.00	36.61 -1.68 0.00	35.74 -1.45 0.00	34.71 -1.64 0.00	32.59 -1.82 0.00	31.38 -1.86 0.00	31.88 -1.96 0.00	35.52 -1.91 0.00	38.94 -2.79 -0.03	47.94 -2.92 -0.58	59.26 -3.74 -0.67	54.62 -3.83 -0.41	49.32 -3.11 -0.61	47.03 -3.19 -0.44	43.67 -2.42 -0.35	42.87 -1.93 0.00
VALLEY___115KV_TB 1-4 80826	46.03 0.41 0.00	43.88 0.39 0.00	41.18 0.41 0.00	40.92 0.45 0.00	41.08 0.41 0.00	43.83 0.39 0.00	48.54 0.43 0.00	48.95 0.48 0.00	43.66 0.30 0.00	38.52 0.23 0.00	37.37 0.19 0.00	36.46 0.11 0.00	34.52 0.10 0.00	33.31 0.07 0.00	33.94 0.10 0.00	37.54 0.11 0.00	41.87 0.17 0.00	50.58 0.30 0.00	62.71 0.37 0.00	58.44 0.41 0.00	52.19 0.36 0.00	50.18 0.40 0.00	46.12 0.37 0.00	45.15 0.36 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	49.27 2.33 -1.32	45.62 2.13 0.00	42.82 2.04 0.00	42.46 1.98 0.00	42.71 2.03 0.00	45.61 2.17 0.00	54.19 2.45 -3.63	51.09 2.62 0.00	45.65 2.30 0.00	40.21 1.91 0.00	39.05 1.86 0.00	38.09 1.74 0.00	35.96 1.55 0.00	34.73 1.50 0.00	35.43 1.59 0.00	39.22 1.80 0.00	43.94 2.09 -0.15	56.48 2.92 -3.29	69.79 3.68 -3.78	63.66 3.31 -2.32	58.23 2.95 -3.45	55.15 2.89 -2.48	50.24 2.52 -1.98	47.23 2.42 -0.01
VISCHER___FERRY HYD 24020	55.87 2.24 -8.01	45.62 2.13 0.00	42.82 2.04 0.00	42.50 2.02 0.00	42.70 2.03 0.00	45.61 2.17 0.00	72.50 2.40 -21.99	50.89 2.42 0.00	45.44 2.08 0.00	40.09 1.80 0.00	38.86 1.68 0.00	37.98 1.64 0.00	36.03 1.62 0.00	34.80 1.56 0.00	35.43 1.59 0.00	39.22 1.80 0.00	44.93 2.29 -0.93	72.84 2.61 -19.95	88.32 3.05 -22.93	74.98 2.90 -14.04	75.27 2.54 -20.91	67.28 2.49 -15.01	59.98 2.24 -11.99	47.06 2.19 -0.07
V_A_10_SYNC_DSASP 323832	42.11 -3.51 0.00	40.32 -3.17 0.00	37.60 -3.18 0.00	37.27 -3.20 0.00	37.50 -3.17 0.00	40.22 -3.21 0.00	44.55 -3.56 0.00	44.01 -4.46 0.00	39.80 -3.55 0.00	35.42 -2.87 0.00	34.55 -2.64 0.00	33.66 -2.69 0.00	31.66 -2.75 0.00	30.48 -2.76 0.00	31.00 -2.84 0.00	34.55 -2.88 0.00	37.91 -3.79 0.00	45.70 -4.57 0.00	56.54 -5.80 0.00	52.35 -5.69 0.00	46.90 -4.92 0.00	45.05 -4.73 0.00	41.86 -3.89 0.00	41.43 -3.36 0.00
V_CMM_10_SYNC_DSASP 323787	45.03 -0.59 0.00	42.92 -0.57 0.00	40.21 -0.57 0.00	39.91 -0.57 0.00	40.10 -0.57 0.00	42.78 -0.65 0.00	47.44 -0.67 0.00	47.84 -0.63 0.00	42.75 -0.61 0.00	37.64 -0.65 0.00	36.56 -0.63 0.00	35.76 -0.58 0.00	33.97 -0.45 0.00	32.81 -0.43 0.00	33.40 -0.44 0.00	36.87 -0.56 0.00	41.25 -0.46 0.00	49.68 -0.60 0.00	61.90 -0.43 0.00	57.69 -0.35 0.00	51.46 -0.36 0.00	49.44 -0.35 0.00	45.61 -0.14 0.00	44.57 -0.22 0.00
V_CMP_10_SYNC_DSASP 323788	43.20 -2.42 0.00	41.23 -2.26 0.00	38.66 -2.12 0.00	38.41 -2.06 0.00	38.56 -2.12 0.00	41.13 -2.30 0.00	45.56 -2.55 0.00	46.00 -2.47 0.00	40.93 -2.43 0.00	35.96 -2.34 0.00	34.92 -2.27 0.00	34.20 -2.14 0.00	32.52 -1.89 0.00	31.41 -1.83 0.00	31.95 -1.89 0.00	35.22 -2.21 0.00	39.58 -2.13 0.00	47.66 -2.62 0.00	59.65 -2.68 0.00	55.60 -2.44 0.00	49.60 -2.23 0.00	47.65 -2.14 0.00	44.06 -1.69 0.00	43.09 -1.70 0.00
V_D_10_SYNC_DSASP 323841	45.35 -0.27 0.00	43.19 -0.30 0.00	40.49 -0.28 0.00	40.19 -0.28 0.00	40.39 -0.28 0.00	43.04 -0.39 0.00	47.68 -0.43 0.00	48.13 -0.34 0.00	42.96 -0.39 0.00	37.79 -0.50 0.00	36.70 -0.48 0.00	35.95 -0.40 0.00	34.17 -0.24 0.00	33.01 -0.23 0.00	33.57 -0.27 0.00	37.05 -0.37 0.00	41.46 -0.25 0.00	49.98 -0.30 0.00	62.40 0.06 0.00	58.10 0.06 0.00	51.87 0.05 0.00	49.88 0.10 0.00	46.03 0.28 0.00	44.97 0.18 0.00
V_E_10_SYNC_DSASP 323830	49.30 3.06 -0.62	46.36 2.87 0.00	43.47 2.69 0.00	43.10 2.63 0.00	43.31 2.64 0.00	46.30 2.87 0.00	52.98 3.17 -1.70	51.67 3.20 0.00	45.87 2.51 0.00	40.17 1.88 0.00	38.94 1.75 0.00	37.73 1.38 0.00	35.41 1.00 0.00	34.14 0.90 0.00	34.92 1.08 0.00	39.07 1.64 0.00	43.65 1.88 -0.07	55.08 3.27 -1.54	68.97 4.87 -1.77	63.42 4.29 -1.08	57.27 3.83 -1.61	54.72 3.78 -1.16	49.92 3.25 -0.93	47.98 3.18 -0.01
V_F_30_NSYNC___DSASP 323816	57.98 2.92 -9.43	46.23 2.74 0.00	43.35 2.57 0.00	43.02 2.55 0.00	43.24 2.56 0.00	46.22 2.78 0.00	77.07 3.08 -25.88	51.47 3.01 0.00	45.82 2.47 0.00	40.36 2.07 0.00	39.12 1.93 0.00	38.24 1.89 0.00	36.17 1.75 0.00	35.00 1.76 0.00	35.67 1.83 0.00	39.56 2.13 0.00	45.55 2.75 -1.10	77.13 3.37 -23.48	93.32 3.99 -26.99	78.29 3.72 -16.53	79.80 3.37 -24.61	70.64 3.19 -17.67	62.79 2.93 -14.11	47.79 2.91 -0.09

V_F_30_SYNC_DSASP 323786	54.05 2.14 -6.28	45.58 2.09 0.00	42.78 2.00 0.00	42.46 1.98 0.00	42.67 1.99 0.00	45.52 2.08 0.00	67.65 2.31 -17.23	50.79 2.33 0.00	45.39 2.04 0.00	40.09 1.80 0.00	38.86 1.67 0.00	38.06 1.71 0.00	36.03 1.62 0.00	34.83 1.60 0.00	35.47 1.62 0.00	39.22 1.80 0.00	44.69 2.25 -0.73	68.48 2.56 -15.63	83.30 2.99 -17.97	71.89 2.84 -11.01	70.75 2.54 -16.39	63.99 2.44 -11.77	57.39 2.24 -9.40	47.05 2.19 -0.06
V_XM_10_SYNC_DSASP 323789	43.20 -2.42 0.00	41.23 -2.26 0.00	38.66 -2.12 0.00	38.41 -2.06 0.00	38.56 -2.12 0.00	41.13 -2.30 0.00	45.56 -2.55 0.00	46.00 -2.47 0.00	40.93 -2.43 0.00	35.96 -2.34 0.00	34.92 -2.27 0.00	34.20 -2.14 0.00	32.52 -1.89 0.00	31.41 -1.83 0.00	31.95 -1.89 0.00	35.22 -2.21 0.00	39.58 -2.13 0.00	47.66 -2.62 0.00	59.65 -2.68 0.00	55.60 -2.44 0.00	49.60 -2.23 0.00	47.65 -2.14 0.00	44.06 -1.69 0.00	43.09 -1.70 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	48.34 1.82 -0.89	45.18 1.70 0.00	42.45 1.67 0.00	42.13 1.66 0.00	42.38 1.71 0.00	45.17 1.74 0.00	52.62 2.07 -2.44	50.79 2.33 0.00	45.44 2.08 0.00	40.13 1.84 0.00	38.97 1.79 0.00	38.09 1.74 0.00	36.10 1.69 0.00	34.90 1.66 0.00	35.53 1.69 0.00	39.26 1.83 0.00	44.06 2.25 -0.10	55.36 2.87 -2.22	68.19 3.30 -2.55	62.68 3.08 -1.56	56.89 2.75 -2.32	54.04 2.59 -1.67	49.32 2.24 -1.33	46.86 2.06 -0.01
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	48.66 2.10 -0.94	45.45 1.96 0.00	42.69 1.92 0.00	42.42 1.94 0.00	42.62 1.95 0.00	45.43 2.00 0.00	52.99 2.31 -2.57	51.13 2.67 0.00	45.87 2.51 0.00	40.51 2.22 0.00	39.35 2.16 0.00	38.46 2.11 0.00	36.48 2.06 0.00	35.23 1.99 0.00	35.87 2.03 0.00	39.60 2.17 0.00	44.48 2.67 -0.11	55.88 3.27 -2.33	68.82 3.80 -2.68	63.28 3.60 -1.64	57.48 3.21 -2.44	54.58 3.04 -1.75	49.76 2.61 -1.40	47.22 2.42 -0.01
W50THST__13_KV_LOAD 356117	48.84 2.28 -0.94	45.58 2.09 0.00	42.82 2.04 0.00	42.54 2.06 0.00	42.75 2.07 0.00	45.52 2.08 0.00	53.13 2.45 -2.57	51.33 2.86 0.00	46.00 2.64 0.00	40.67 2.37 0.00	39.49 2.31 0.00	38.56 2.22 0.00	36.62 2.20 0.00	35.37 2.13 0.00	35.97 2.13 0.00	39.75 2.32 0.00	44.61 2.79 -0.11	56.08 3.47 -2.33	69.13 4.11 -2.68	63.51 3.83 -1.64	57.63 3.37 -2.44	54.72 3.19 -1.75	49.90 2.75 -1.40	47.36 2.55 -0.01
WADING RIVER_IC_1 23522	48.93 2.37 -0.94	45.53 2.04 0.00	42.73 1.96 0.00	42.34 1.86 0.00	43.11 2.44 0.00	46.65 3.21 0.00	57.93 3.70 -6.12	59.80 4.02 -7.31	45.91 2.56 0.00	40.17 1.88 0.00	38.86 1.68 0.00	37.87 1.53 0.00	35.89 1.48 0.00	34.70 1.46 0.00	35.50 1.66 0.00	39.41 1.98 0.00	44.94 3.13 -0.11	56.28 3.67 -2.33	69.50 4.49 -2.68	63.68 4.00 -1.64	57.79 3.53 -2.44	55.32 3.78 -1.75	50.27 3.11 -1.41	47.71 2.91 -0.01
WADING RIVER_IC_2 23547	48.93 2.37 -0.94	45.53 2.04 0.00	42.73 1.96 0.00	42.34 1.86 0.00	43.11 2.44 0.00	46.65 3.21 0.00	57.93 3.70 -6.12	59.80 4.02 -7.31	45.91 2.56 0.00	40.17 1.88 0.00	38.86 1.68 0.00	37.87 1.53 0.00	35.89 1.48 0.00	34.70 1.46 0.00	35.50 1.66 0.00	39.41 1.98 0.00	44.94 3.13 -0.11	56.28 3.67 -2.33	69.50 4.49 -2.68	63.68 4.00 -1.64	57.79 3.53 -2.44	55.32 3.78 -1.75	50.27 3.11 -1.41	47.71 2.91 -0.01
WADING RIVER_IC_3 23601	48.93 2.37 -0.94	45.53 2.04 0.00	42.73 1.96 0.00	42.34 1.86 0.00	43.11 2.44 0.00	46.65 3.21 0.00	57.93 3.70 -6.12	59.80 4.02 -7.31	45.91 2.56 0.00	40.17 1.88 0.00	38.86 1.68 0.00	37.87 1.53 0.00	35.89 1.48 0.00	34.70 1.46 0.00	35.50 1.66 0.00	39.41 1.98 0.00	44.94 3.13 -0.11	56.28 3.67 -2.33	69.50 4.49 -2.68	63.68 4.00 -1.64	57.79 3.53 -2.44	55.32 3.78 -1.75	50.27 3.11 -1.41	47.71 2.91 -0.01
WALDENNY_12_KV_BK2 80841	42.98 -2.65 0.00	41.05 -2.44 0.00	38.25 -2.53 0.00	37.84 -2.63 0.00	38.11 -2.56 0.00	40.92 -2.52 0.00	45.37 -2.74 0.00	44.64 -3.83 0.00	40.49 -2.86 0.00	36.07 -2.22 0.00	35.22 -1.97 0.00	34.24 -2.11 0.00	32.18 -2.24 0.00	30.98 -2.26 0.00	31.47 -2.37 0.00	35.11 -2.32 0.00	38.41 -3.29 0.00	46.51 -3.77 0.00	57.60 -4.74 0.00	53.22 -4.82 0.00	47.78 -4.04 0.00	45.80 -3.98 0.00	42.64 -3.11 0.00	42.29 -2.51 0.00
WALDEN__HYDRO 24148	48.33 1.78 -0.92	45.18 1.70 0.00	42.45 1.67 0.00	42.13 1.66 0.00	42.38 1.71 0.00	45.17 1.74 0.00	52.66 2.02 -2.53	50.70 2.23 0.00	45.35 1.99 0.00	39.94 1.65 0.00	38.79 1.60 0.00	37.95 1.60 0.00	35.96 1.55 0.00	34.77 1.53 0.00	35.40 1.56 0.00	39.11 1.68 0.00	43.90 2.09 -0.11	55.24 2.66 -2.30	68.15 3.18 -2.64	62.61 2.96 -1.62	56.87 2.64 -2.41	54.00 2.49 -1.73	49.28 2.15 -1.38	46.77 1.97 -0.01
WARRENSBURG____ 23737	58.94 3.88 -9.43	47.05 3.57 0.00	44.08 3.30 0.00	43.71 3.24 0.00	43.93 3.25 0.00	46.95 3.52 0.00	78.08 4.09 -25.88	52.39 3.93 0.00	46.52 3.16 0.00	40.97 2.68 0.00	39.72 2.53 0.00	38.78 2.44 0.00	36.62 2.20 0.00	35.43 2.19 0.00	36.11 2.27 0.00	40.16 2.73 0.00	46.39 3.59 -1.10	78.24 4.47 -23.48	94.82 5.49 -27.00	79.62 5.05 -16.53	81.00 4.56 -24.62	71.69 4.23 -17.67	63.84 3.98 -14.11	48.73 3.85 -0.09
WATERSIDE____6 8 9 23538	47.68 2.37 0.32	43.79 2.22 1.92	40.74 2.16 2.20	40.42 2.19 2.24	40.62 2.16 2.21	43.70 2.08 1.82	52.23 2.41 -1.71	50.03 2.81 1.25	43.83 2.64 2.17	37.94 2.41 2.77	36.63 2.38 2.94	35.57 2.29 3.07	33.34 2.27 3.35	33.08 2.23 2.39	32.64 2.23 3.44	36.76 2.40 3.06	42.00 2.88 2.59	54.83 3.42 -1.13	68.93 3.93 -2.67	62.82 3.77 -1.01	56.67 3.37 -1.48	53.42 3.14 -0.50	48.00 2.79 0.54	45.49 2.64 1.94
WATKINRD_115KV_LN8_ILLION 55919	46.13 0.50 0.00	43.97 0.48 0.00	41.27 0.49 0.00	40.96 0.49 0.00	41.12 0.45 0.00	43.91 0.48 0.00	48.64 0.53 0.00	49.05 0.58 0.00	43.79 0.43 0.00	38.64 0.34 0.00	37.49 0.30 0.00	36.60 0.25 0.00	34.65 0.24 0.00	33.44 0.20 0.00	34.08 0.24 0.00	37.69 0.26 0.00	42.04 0.33 0.00	50.78 0.50 0.00	62.96 0.62 0.00	58.62 0.58 0.00	52.34 0.52 0.00	50.33 0.55 0.00	46.21 0.46 0.00	45.29 0.49 0.00
WATSON__69_KV_BK 1 55734	49.75 3.19 -0.94	46.40 2.91 0.00	43.51 2.73 0.00	43.10 2.63 0.00	43.64 2.97 0.00	46.91 3.47 0.00	58.27 4.04 -6.12	60.14 4.36 -7.31	46.74 3.38 0.00	40.90 2.60 0.00	39.61 2.42 0.00	38.64 2.29 0.00	36.58 2.17 0.00	35.40 2.16 0.00	36.21 2.37 0.00	40.12 2.69 0.00	45.65 3.84 -0.11	57.34 4.73 -2.33	70.75 5.73 -2.68	64.84 5.17 -1.64	58.88 4.61 -2.44	56.22 4.68 -1.75	51.18 4.03 -1.40	48.61 3.81 -0.01
WDELAWARE__HYD 323627	48.74 2.14 -0.97	45.49 2.00 0.00	42.73 1.96 0.00	42.42 1.94 0.00	42.70 2.03 0.00	45.52 2.08 0.00	53.12 2.36 -2.66	51.08 2.62 0.00	45.56 2.21 0.00	40.09 1.80 0.00	38.86 1.68 0.00	38.02 1.67 0.00	36.03 1.62 0.00	34.83 1.60 0.00	35.47 1.62 0.00	39.22 1.80 0.00	44.07 2.25 -0.11	55.70 3.02 -2.41	68.91 3.80 -2.77	63.22 3.48 -1.70	57.46 3.11 -2.53	54.53 2.94 -1.81	49.71 2.51 -1.45	47.18 2.37 -0.01

WEST BABYLON___IC 23714	49.71 3.15 -0.94	46.36 2.87 0.00	43.47 2.69 0.00	43.06 2.59 0.00	43.56 2.89 0.00	46.69 3.26 0.00	58.07 3.85 -6.12	59.90 4.12 -7.31	46.65 3.29 0.00	40.86 2.57 0.00	39.61 2.42 0.00	38.64 2.29 0.00	36.62 2.20 0.00	35.43 2.19 0.00	36.21 2.37 0.00	40.12 2.69 0.00	45.57 3.75 -0.11	57.18 4.58 -2.33	70.50 5.49 -2.68	64.67 4.99 -1.64	58.72 4.46 -2.44	56.02 4.48 -1.75	51.04 3.89 -1.40	48.48 3.67 -0.01
WEST CANADA___HYD 24049	46.13 0.50 0.00	43.97 0.48 0.00	41.27 0.49 0.00	40.92 0.45 0.00	41.12 0.45 0.00	43.91 0.48 0.00	48.59 0.48 0.00	49.00 0.53 0.00	43.83 0.48 0.00	38.68 0.38 0.00	37.56 0.37 0.00	36.71 0.36 0.00	34.76 0.34 0.00	33.57 0.33 0.00	34.18 0.34 0.00	37.76 0.34 0.00	42.16 0.46 0.00	50.83 0.55 0.00	63.02 0.69 0.00	58.68 0.64 0.00	52.39 0.57 0.00	50.33 0.55 0.00	46.25 0.50 0.00	45.24 0.45 0.00
WESTERN_NY_WIND 24143	43.71 -1.92 0.00	41.62 -1.87 0.00	38.78 -2.00 0.00	38.45 -2.02 0.00	38.72 -1.95 0.00	41.48 -1.95 0.00	46.09 -2.02 0.00	45.56 -2.91 0.00	41.10 -2.25 0.00	36.42 -1.88 0.00	35.55 -1.64 0.00	34.53 -1.82 0.00	32.45 -1.96 0.00	31.21 -2.03 0.00	31.74 -2.10 0.00	35.48 -1.95 0.00	38.95 -2.75 0.00	47.16 -3.12 0.00	58.84 -3.49 0.00	54.56 -3.48 0.00	48.82 -3.01 0.00	46.75 -3.04 0.00	43.37 -2.38 0.00	42.82 -1.97 0.00
WESTOVER___LESR 323668	45.72 -0.32 -0.42	43.23 -0.26 0.00	40.45 -0.33 0.00	40.15 -0.32 0.00	40.35 -0.33 0.00	43.13 -0.30 0.00	48.92 -0.34 -1.14	47.89 -0.58 0.00	42.92 -0.43 0.00	37.99 -0.31 0.00	36.97 -0.22 0.00	36.06 -0.29 0.00	34.00 -0.41 0.00	32.81 -0.43 0.00	33.40 -0.44 0.00	37.05 -0.37 0.00	41.13 -0.63 -0.05	50.86 -0.45 -1.04	62.96 -0.56 -1.19	58.13 -0.64 -0.73	52.39 -0.52 -1.09	50.02 -0.55 -0.78	45.92 -0.46 -0.62	44.48 -0.31 0.00
WETHRSFD_WT_PWR 323626	42.67 -3.19 -0.24	40.40 -3.09 0.00	37.51 -3.26 0.00	37.16 -3.32 0.00	37.46 -3.21 0.00	40.22 -3.21 0.00	45.31 -3.46 -0.67	44.06 -4.41 0.00	39.45 -3.90 0.00	34.96 -3.33 0.00	34.06 -3.12 0.00	33.18 -3.16 0.00	31.18 -3.24 0.00	29.92 -3.32 0.00	30.39 -3.45 0.00	33.83 -3.59 0.00	37.48 -4.25 -0.03	46.31 -4.57 -0.60	57.48 -5.55 -0.69	53.18 -5.28 -0.43	48.00 -4.46 -0.63	46.01 -4.23 -0.45	42.63 -3.48 -0.36	41.84 -2.96 0.00
WHAVSTOR_138KV_BK127 55557	48.16 1.64 -0.89	45.05 1.57 0.00	42.33 1.55 0.00	42.01 1.54 0.00	42.26 1.59 0.00	45.04 1.61 0.00	52.39 1.83 -2.45	50.55 2.08 0.00	45.22 1.86 0.00	39.94 1.65 0.00	38.79 1.60 0.00	37.95 1.60 0.00	35.96 1.55 0.00	34.77 1.53 0.00	35.40 1.56 0.00	39.07 1.65 0.00	43.85 2.04 -0.10	55.07 2.56 -2.22	67.82 2.93 -2.56	62.33 2.73 -1.56	56.59 2.44 -2.33	53.80 2.34 -1.67	49.05 1.97 -1.34	46.64 1.84 -0.01
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	48.16 1.64 -0.89	45.05 1.57 0.00	42.33 1.55 0.00	42.01 1.54 0.00	42.26 1.59 0.00	45.04 1.61 0.00	52.39 1.83 -2.45	50.55 2.08 0.00	45.22 1.86 0.00	39.94 1.65 0.00	38.79 1.60 0.00	37.95 1.60 0.00	35.96 1.55 0.00	34.77 1.53 0.00	35.40 1.56 0.00	39.07 1.65 0.00	43.85 2.04 -0.10	55.07 2.56 -2.22	67.82 2.93 -2.56	62.33 2.73 -1.56	56.59 2.44 -2.33	53.80 2.34 -1.67	49.05 1.97 -1.34	46.64 1.84 -0.01
WHITEHAL_115KV_TB1 80871	59.74 4.74 -9.37	47.84 4.35 0.00	44.77 4.00 0.00	44.40 3.93 0.00	44.62 3.95 0.00	47.73 4.30 0.00	78.78 4.96 -25.71	53.17 4.70 0.00	47.08 3.73 0.00	41.43 3.14 0.00	40.09 2.90 0.00	39.11 2.76 0.00	36.93 2.51 0.00	35.73 2.49 0.00	36.45 2.61 0.00	40.53 3.11 0.00	46.96 4.17 -1.09	78.89 5.28 -23.33	95.70 6.55 -26.82	80.56 6.09 -16.43	81.77 5.49 -24.45	72.42 5.08 -17.56	64.57 4.80 -14.02	49.54 4.66 -0.09
WHITEPLN_13_KV_LOAD 356215	49.11 2.55 -0.93	45.92 2.44 0.00	43.06 2.28 0.00	42.74 2.27 0.00	42.99 2.32 0.00	45.82 2.39 0.00	53.46 2.79 -2.57	51.52 3.05 0.00	46.09 2.73 0.00	40.71 2.41 0.00	39.53 2.34 0.00	38.60 2.25 0.00	36.62 2.20 0.00	35.40 2.16 0.00	36.04 2.20 0.00	39.82 2.40 0.00	44.73 2.92 -0.11	56.33 3.72 -2.33	69.43 4.43 -2.68	63.80 4.12 -1.64	57.89 3.63 -2.44	54.97 3.44 -1.75	50.17 3.02 -1.40	47.58 2.78 -0.01
WM_FLOYD_69_KV_BK2 356380	49.16 2.60 -0.94	45.84 2.35 0.00	42.98 2.20 0.00	42.58 2.10 0.00	43.23 2.56 0.00	46.69 3.26 0.00	58.03 3.80 -6.12	59.85 4.07 -7.31	46.17 2.82 0.00	40.36 2.07 0.00	39.05 1.86 0.00	38.06 1.71 0.00	36.03 1.62 0.00	34.87 1.63 0.00	35.67 1.83 0.00	39.56 2.13 0.00	45.15 3.34 -0.11	56.58 3.97 -2.33	69.94 4.92 -2.68	64.03 4.35 -1.64	58.10 3.83 -2.44	55.67 4.13 -1.75	50.54 3.39 -1.40	48.03 3.23 -0.01
WOODARD__115KV_TB2 355635	44.76 -0.87 0.00	42.66 -0.83 0.00	40.00 -0.77 0.00	39.74 -0.73 0.00	39.90 -0.77 0.00	42.61 -0.83 0.00	47.20 -0.91 0.00	47.40 -1.07 0.00	42.49 -0.87 0.00	37.68 -0.61 0.00	36.63 -0.56 0.00	35.73 -0.62 0.00	33.73 -0.69 0.00	32.54 -0.70 0.00	33.17 -0.68 0.00	36.79 -0.64 0.00	40.66 -1.04 0.00	49.07 -1.21 0.00	60.90 -1.43 0.00	56.65 -1.39 0.00	50.58 -1.24 0.00	48.54 -1.24 0.00	44.61 -1.14 0.00	43.72 -1.08 0.00
YORK___WARBASSE 23770	57.94 2.69 -9.62	59.32 2.57 -13.27	58.50 2.49 -15.23	58.45 2.47 -15.51	58.45 2.48 -15.30	58.47 2.43 -12.60	59.35 2.74 -8.50	60.24 3.15 -8.62	61.30 2.95 -15.00	60.17 2.72 -19.15	60.16 2.64 -20.33	60.19 2.58 -21.26	60.14 2.55 -23.18	60.13 2.46 -24.43	60.14 2.50 -23.79	61.26 2.66 -21.18	63.68 3.21 -18.77	64.72 3.82 -10.63	69.49 4.43 -2.74	68.29 4.24 -6.02	64.74 3.78 -9.13	63.76 3.53 -10.44	63.68 3.11 -14.81	61.31 3.00 -13.52