

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion									
Generator Data		11/27/2024																									
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	EST	34.64	33.58	32.93	31.81	32.39	34.93	46.61	55.34	48.22	39.96	38.83	37.53	36.89	38.07	41.31	46.80	56.32	67.06	60.14	52.71	47.34	43.45	41.28	38.74		
		1.93	1.65	1.53	1.46	1.57	2.16	3.33	4.05	3.78	3.20	3.03	2.82	2.76	3.08	3.27	3.74	4.12	4.79	4.20	3.77	3.10	2.99	2.66	2.40		
		-3.39	-4.92	-4.58	-3.32	-2.17	0.00	0.00	0.00	0.00	0.00	-1.40	-2.33	-1.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
74TH STREET_GT_1 24260	EST	34.82	33.71	33.06	31.95	32.53	34.99	46.65	55.34	48.27	39.96	38.86	37.60	36.95	38.10	41.35	46.85	56.37	67.12	60.19	52.81	47.38	43.65	41.48	38.81		
		2.11	1.78	1.66	1.59	1.72	2.23	3.38	4.05	3.82	3.20	3.06	2.88	2.82	3.11	3.31	3.79	4.18	4.86	4.25	3.87	3.14	3.20	2.86	2.47		
		-3.39	-4.92	-4.58	-3.32	-2.17	0.00	0.00	0.00	0.00	0.00	-1.39	-2.33	-1.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
74TH STREET_GT_2 24261	EST	34.82	33.71	33.06	31.95	32.53	34.99	46.65	55.34	48.27	39.96	38.86	37.60	36.95	38.10	41.35	46.85	56.37	67.12	60.19	52.81	47.38	43.65	41.48	38.81		
		2.11	1.78	1.66	1.59	1.72	2.23	3.38	4.05	3.82	3.20	3.06	2.88	2.82	3.11	3.31	3.79	4.18	4.86	4.25	3.87	3.14	3.20	2.86	2.47		
		-3.39	-4.92	-4.58	-3.32	-2.17	0.00	0.00	0.00	0.00	0.00	-1.39	-2.33	-1.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK HUDSON___FALLS 24011	EST	35.43	34.81	34.11	32.78	33.09	35.12	46.52	55.24	47.73	39.15	37.04	35.30	35.15	37.12	40.51	46.03	55.85	66.75	60.03	52.37	47.34	43.25	41.17	38.66		
		1.99	1.81	1.72	1.70	1.80	2.36	3.25	3.95	3.29	2.39	2.20	2.01	1.92	2.13	2.47	2.97	3.65	4.48	4.08	3.43	3.10	2.79	2.55	2.33		
		-4.13	-5.99	-5.57	-4.04	-2.64	0.00	0.00	0.00	0.00	0.00	-0.43	-0.91	-0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK RESOURCE___RCVRY 23798	EST	35.58	34.92	34.25	32.92	33.21	35.19	46.82	55.60	48.00	39.34	37.21	35.43	35.32	37.26	40.70	46.29	56.16	67.18	60.47	52.76	47.65	43.49	41.36	38.84		
		2.14	1.92	1.85	1.84	1.92	2.42	3.55	4.31	3.56	2.57	2.37	2.14	2.08	2.27	2.66	3.23	3.97	4.92	4.53	3.82	3.41	3.04	2.74	2.51		
		-4.13	-5.99	-5.58	-4.05	-2.64	0.00	0.00	0.00	0.00	0.00	-0.43	-0.90	-0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK S GLENS___FALLS 24028	EST	35.43	34.81	34.11	32.78	33.09	35.12	46.52	55.24	47.73	39.15	37.04	35.30	35.15	37.12	40.51	46.03	55.85	66.75	60.03	52.37	47.34	43.25	41.17	38.66		
		1.99	1.81	1.72	1.70	1.80	2.36	3.25	3.95	3.29	2.39	2.20	2.01	1.92	2.13	2.47	2.97	3.65	4.48	4.08	3.43	3.10	2.79	2.55	2.33		
		-4.13	-5.99	-5.57	-4.04	-2.64	0.00	0.00	0.00	0.00	0.00	-0.43	-0.91	-0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK_NYS___DAM 23527	EST	34.92	34.32	33.74	32.49	32.83	34.80	46.00	54.62	47.25	39.04	37.07	35.47	35.33	37.16	40.28	45.77	55.38	65.69	58.85	51.49	46.63	42.89	40.94	38.30		
		1.61	1.51	1.53	1.54	1.63	2.03	2.73	3.33	2.80	2.28	2.13	2.04	2.01	2.17	2.24	2.71	3.18	3.42	2.91	2.54	2.39	2.43	2.32	1.96		
		-4.00	-5.80	-5.40	-3.91	-2.56	0.00	0.00	0.00	0.00	0.00	-0.53	-1.04	-0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
AIR_PRODUCTS___DRP 24190	EST	33.64	33.12	32.58	31.36	31.64	33.22	43.84	52.01	45.02	37.28	35.88	34.29	34.21	36.00	39.03	43.79	52.82	62.89	56.45	49.39	44.68	41.27	39.63	37.25		
		0.32	0.30	0.35	0.41	0.43	0.46	0.56	0.72	0.58	0.51	1.00	0.94	0.94	1.01	0.99	0.73	0.63	0.62	0.50	0.44	0.44	0.81	1.00	0.91		
		-4.01	-5.82	-5.41	-3.93	-2.56	0.00	0.00	0.00	0.00	0.00	-0.47	-0.96	-0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
AKWESSNE_115KV_BK 355683	EST	9.88	5.90	5.72	6.02	6.99	19.82	39.34	46.77	39.96	32.64	30.72	18.58	27.04	31.41	34.46	39.61	48.60	58.03	52.19	45.32	41.72	37.42	36.46	34.81		
		-2.64	-2.46	-2.44	-2.46	-2.64	-3.24	-3.94	-4.51	-4.49	-4.12	-3.68	-3.40	-3.28	-3.57	-3.58	-3.44	-3.60	-4.23	-3.75	-3.62	-2.52	-3.03	-2.16	-1.53		
		16.79	18.65	18.66	18.55	19.02	9.70	0.00	0.00	0.00	0.01	0.01	10.41	2.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY_1_SOLAR 323833	EST	34.25	33.64	33.05	31.83	32.14	33.94	44.70	52.88	45.64	37.57	35.91	34.33	34.20	36.00	39.22	44.35	53.71	64.13	57.62	50.36	45.57	41.87	40.09	37.68		
		1.00	0.92	0.91	0.95	0.97	1.18	1.43	1.59	1.20	0.81	1.00	0.94	0.91	1.02	1.18	1.29	1.51	1.87	1.68	1.42	1.33	1.42	1.47	1.35		
		-3.94	-5.72	-5.32	-3.86	-2.52	0.00	0.00	0.00	0.00	0.00	-0.51	-1.01	-0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY_2_SOLAR 323834	EST	34.22	33.64	33.05	31.83	32.14	33.94	44.70	52.88	45.64	37.57	35.91	34.33	34.20	36.00	39.22	44.35	53.66	64.07	57.57	50.36	45.53	41.87	40.09	37.68		
		0.97	0.92	0.91	0.95	0.97	1.18	1.43	1.59	1.20	0.81	1.00	0.94	0.91	1.02	1.18	1.29	1.46	1.81	1.62	1.42	1.28	1.42	1.47	1.35		
		-3.94	-5.72	-5.32	-3.86	-2.52	0.00	0.00	0.00	0.00	0.00	-0.51	-1.01	-0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY___1 23571	EST	33.64	33.12	32.58	31.36	31.64	33.22	43.84	52.01	45.02	37.28	35.88	34.29	34.21	36.00	39.03	43.79	52.82	62.89	56.45	49.39	44.68	41.27	39.63	37.25		
		0.32	0.30	0.35	0.41	0.43	0.46	0.56	0.72	0.58	0.51	1.00	0.94	0.94	1.01	0.99	0.73	0.63	0.62	0.50	0.44	0.44	0.81	1.00	0.91		
		-4.01	-5.82	-5.41	-3.93	-2.56	0.00	0.00	0.00	0.00	0.00	-0.47	-0.96	-0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

ALBANY___2 23572	33.64 0.32 -4.01	33.12 0.30 -5.82	32.58 0.35 -5.41	31.36 0.41 -3.93	31.64 0.43 -2.56	33.22 0.46 0.00	43.84 0.56 0.00	52.01 0.72 0.00	45.02 0.58 0.00	37.28 0.51 0.00	35.88 1.00 -0.47	34.29 0.94 -0.96	34.21 0.94 -0.81	36.00 1.01 0.00	39.03 0.99 0.00	43.79 0.73 0.00	52.82 0.63 0.00	62.89 0.62 0.00	56.45 0.50 0.00	49.39 0.44 0.00	44.68 0.44 0.00	41.27 0.81 0.00	39.63 1.00 0.00	37.25 0.91 0.00
ALBANY___3 23573	33.64 0.32 -4.01	33.12 0.30 -5.82	32.58 0.35 -5.41	31.36 0.41 -3.93	31.64 0.43 -2.56	33.22 0.46 0.00	43.84 0.56 0.00	52.01 0.72 0.00	45.02 0.58 0.00	37.28 0.51 0.00	35.88 1.00 -0.47	34.29 0.94 -0.96	34.21 0.94 -0.81	36.00 1.01 0.00	39.03 0.99 0.00	43.79 0.73 0.00	52.82 0.63 0.00	62.89 0.62 0.00	56.45 0.50 0.00	49.39 0.44 0.00	44.68 0.44 0.00	41.27 0.81 0.00	39.63 1.00 0.00	37.25 0.91 0.00
ALBANY___4 23574	33.64 0.32 -4.01	33.12 0.30 -5.82	32.58 0.35 -5.41	31.36 0.41 -3.93	31.64 0.43 -2.56	33.22 0.46 0.00	43.84 0.56 0.00	52.01 0.72 0.00	45.02 0.58 0.00	37.28 0.51 0.00	35.88 1.00 -0.47	34.29 0.94 -0.96	34.21 0.94 -0.81	36.00 1.01 0.00	39.03 0.99 0.00	43.79 0.73 0.00	52.82 0.63 0.00	62.89 0.62 0.00	56.45 0.50 0.00	49.39 0.44 0.00	44.68 0.44 0.00	41.27 0.81 0.00	39.63 1.00 0.00	37.25 0.91 0.00
ALBANY___LFGE 323615	34.15 0.79 -4.04	33.61 0.73 -5.87	32.97 0.70 -5.46	31.75 0.76 -3.96	32.03 0.80 -2.58	33.75 0.98 0.00	44.31 1.04 0.00	52.52 1.23 0.00	45.51 1.06 0.00	37.64 0.88 0.00	36.14 1.27 -0.47	34.50 1.16 -0.95	34.43 1.17 -0.80	36.25 1.26 0.00	39.37 1.33 0.00	44.22 1.16 0.00	53.40 1.20 0.00	63.57 1.31 0.00	57.06 1.12 0.00	49.92 0.98 0.00	45.17 0.93 0.00	41.63 1.17 0.00	39.89 1.27 0.00	37.47 1.13 0.00
ALCOA_PA_115KV_PL-6C 55860	10.58 -2.52 16.22	6.66 -2.35 17.99	6.48 -2.33 18.01	6.79 -2.32 17.92	7.76 -2.49 18.39	20.29 -3.08 9.40	39.60 -3.68 0.00	47.08 -4.21 0.00	40.18 -4.27 0.00	32.82 -3.93 0.01	30.85 -3.54 0.01	19.03 -3.27 10.08	27.27 -3.12 2.08	31.55 -3.43 0.01	34.65 -3.39 0.00	39.83 -3.23 0.00	48.91 -3.29 0.00	58.40 -3.86 0.00	52.59 -3.36 0.00	45.62 -3.33 0.00	42.03 -2.21 0.00	37.67 -2.79 0.00	36.65 -1.97 0.00	34.99 -1.34 0.00
ALCOA_RYNLDS___DRP 24188	10.58 -2.52 16.22	6.66 -2.35 17.99	6.48 -2.33 18.01	6.79 -2.32 17.92	7.76 -2.49 18.39	20.29 -3.08 9.40	39.60 -3.68 0.00	47.08 -4.21 0.00	40.18 -4.27 0.00	32.82 -3.93 0.01	30.85 -3.54 0.01	19.03 -3.27 10.08	27.27 -3.12 2.08	31.55 -3.43 0.01	34.65 -3.39 0.00	39.83 -3.23 0.00	48.91 -3.29 0.00	58.40 -3.86 0.00	52.59 -3.36 0.00	45.62 -3.33 0.00	42.03 -2.21 0.00	37.67 -2.79 0.00	36.65 -1.97 0.00	34.99 -1.34 0.00
ALCOA___DSASP 323711	10.58 -2.52 16.22	6.66 -2.35 17.99	6.48 -2.33 18.01	6.76 -2.35 17.92	7.76 -2.49 18.39	20.32 -3.05 9.40	39.55 -3.72 0.00	47.08 -4.20 0.00	40.22 -4.22 0.00	32.82 -3.93 0.01	30.85 -3.54 0.01	19.06 -3.24 10.08	27.27 -3.12 2.08	31.55 -3.43 0.01	34.65 -3.39 0.00	39.83 -3.23 0.00	48.91 -3.29 0.00	58.40 -3.86 0.00	52.59 -3.36 0.00	45.61 -3.33 0.00	42.03 -2.21 0.00	37.62 -2.83 0.00	36.61 -2.01 0.00	34.99 -1.34 0.00
ALLEGHENY___COGEN 23514	29.33 -0.53 -0.54	27.28 -0.51 -0.78	27.12 -0.43 -0.73	27.10 -0.46 -0.53	28.53 -0.46 -0.34	32.41 -0.36 0.00	43.62 0.34 0.00	51.55 0.26 0.00	44.36 -0.09 0.00	36.62 -0.15 0.00	33.72 -0.69 0.00	31.58 -0.84 -0.03	31.60 -0.91 -0.04	34.22 -0.77 0.00	37.36 -0.68 0.00	42.28 -0.77 0.00	51.94 -0.26 0.00	62.70 0.44 0.00	57.12 1.18 0.00	49.97 1.03 0.00	45.21 0.97 0.00	40.70 0.24 0.00	38.78 0.16 0.00	36.59 0.26 0.00
ALTAMONT_115KV_TB 2 55880	33.99 0.67 -4.00	33.44 0.62 -5.81	32.87 0.64 -5.41	31.60 0.65 -3.92	31.89 0.69 -2.56	33.58 0.82 0.00	44.40 1.13 0.00	52.62 1.33 0.00	45.60 1.16 0.00	37.68 0.92 0.00	35.89 1.03 -0.46	34.26 0.94 -0.93	34.19 0.94 -0.79	36.00 1.01 0.00	39.14 1.10 0.00	44.22 1.16 0.00	53.45 1.25 0.00	63.70 1.43 0.00	57.23 1.29 0.00	50.07 1.13 0.00	45.26 1.02 0.00	41.55 1.09 0.00	39.74 1.12 0.00	37.32 0.98 0.00
ALTONA_WT_PWR 323606	9.37 -3.08 16.87	5.41 -2.86 18.74	5.17 -2.90 18.75	5.45 -2.95 18.64	6.30 -3.24 19.11	19.08 -3.93 9.75	38.47 -4.80 0.00	45.80 -5.49 0.00	39.20 -5.24 0.00	31.98 -4.78 0.01	29.99 -4.40 0.01	17.85 -4.08 10.46	26.41 -3.90 2.16	30.78 -4.20 0.01	33.93 -4.11 0.00	39.22 -3.83 0.00	48.39 -3.81 0.00	57.84 -4.42 0.00	52.03 -3.92 0.00	45.18 -3.77 0.00	41.68 -2.57 0.00	37.34 -3.11 0.00	36.46 -2.16 0.00	34.92 -1.42 0.00
AMERICAN_REF_FUEL 24010	27.23 -2.55 -0.47	25.23 -2.46 -0.68	25.04 -2.41 -0.63	25.14 -2.35 -0.46	26.37 -2.58 -0.30	29.78 -2.98 0.00	39.64 -3.63 0.00	45.80 -5.49 0.00	40.00 -4.44 0.00	33.79 -2.98 0.00	31.41 -2.99 0.00	29.50 -2.91 -0.03	29.61 -2.89 -0.04	31.80 -3.18 0.00	34.65 -3.39 0.00	38.66 -4.39 0.00	46.93 -5.27 0.00	55.85 -6.41 0.00	50.68 -5.26 0.00	44.49 -4.45 0.00	40.44 -3.81 0.00	36.41 -4.05 0.00	35.22 -3.40 0.00	33.69 -2.65 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.05 -2.79 -0.52	25.01 -2.76 -0.75	24.89 -2.63 -0.70	25.11 -2.43 -0.51	26.54 -2.43 -0.33	30.77 -2.00 0.00	41.42 -1.86 0.00	48.31 -2.98 0.00	42.13 -2.31 0.00	35.47 -1.29 0.00	32.89 -1.51 0.00	30.67 -1.75 -0.03	30.33 -2.17 -0.04	33.24 -1.75 0.00	36.48 -1.56 0.00	40.86 -2.19 0.00	50.01 -2.19 0.00	59.77 -2.49 0.00	54.04 -1.90 0.00	47.43 -1.52 0.00	43.05 -1.19 0.00	38.56 -1.90 0.00	37.15 -1.47 0.00	35.50 -0.83 0.00
ARTHUR KILL_GT_1 23520	35.09 2.37 -3.40	34.02 2.08 -4.93	33.36 1.96 -4.59	32.22 1.86 -3.32	32.82 2.00 -2.17	35.19 2.42 0.00	46.43 3.16 0.00	54.82 3.54 0.00	47.51 3.06 0.00	39.34 2.57 0.00	38.31 2.51 -1.39	37.01 2.30 -2.33	36.37 2.24 -1.66	37.54 2.55 0.00	40.70 2.66 0.00	46.24 3.19 0.00	55.70 3.50 0.00	66.37 4.11 0.00	59.58 3.63 0.00	52.27 3.33 0.00	46.76 2.52 0.00	43.21 2.75 0.00	41.32 2.70 0.00	39.14 2.80 -0.01
ARTHUR_KILL_2 23512	35.03 2.32 -3.40	33.97 2.03 -4.93	33.28 1.88 -4.59	32.16 1.81 -3.32	32.76 1.95 -2.17	35.13 2.36 0.00	46.35 3.07 0.00	54.67 3.38 0.00	47.38 2.93 0.00	39.23 2.46 0.00	38.21 2.41 -1.39	36.95 2.23 -2.33	36.30 2.18 -1.66	37.44 2.45 0.00	40.59 2.55 0.00	46.11 3.06 0.00	55.54 3.34 0.00	66.19 3.92 0.00	59.36 3.41 0.00	52.08 3.14 0.00	46.63 2.39 0.00	43.09 2.63 0.00	41.25 2.63 0.00	39.04 2.69 -0.01
ARTHUR_KILL_3 23513	34.43 1.73 -3.39	33.36 1.43 -4.92	32.69 1.29 -4.58	31.57 1.22 -3.32	32.16 1.35 -2.17	34.70 1.93 0.00	46.22 2.94 0.00	54.98 3.69 0.00	47.91 3.47 0.00	39.70 2.94 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.67	37.86 2.87 0.00	41.04 3.00 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.56 4.29 0.00	59.69 3.75 0.00	52.42 3.48 0.00	47.08 2.83 0.00	43.21 2.75 0.00	41.02 2.40 0.00	38.48 2.14 0.00

ARTHUR_KILL_COGEN 323718	35.09 2.37 -3.40	34.02 2.08 -4.93	33.36 1.96 -4.59	32.22 1.86 -3.32	32.82 2.00 -2.17	35.19 2.42 0.00	46.43 3.16 0.00	54.82 3.54 0.00	47.51 3.06 0.00	39.34 2.57 0.00	38.31 2.51 -1.39	37.01 2.30 -2.33	36.37 2.24 -1.66	37.54 2.55 0.00	40.70 2.66 0.00	46.24 3.19 0.00	55.70 3.50 0.00	66.37 4.11 0.00	59.58 3.63 0.00	52.27 3.33 0.00	46.76 2.52 0.00	43.21 2.75 0.00	41.32 2.70 0.00	39.14 2.80 -0.01
ASHOKAN____ 23654	33.12 0.15 -3.66	32.43 0.11 -5.31	31.87 0.11 -4.94	30.67 0.05 -3.59	31.13 0.14 -2.34	34.31 1.54 0.00	45.39 2.12 0.00	53.60 2.31 0.00	46.09 1.65 0.00	37.54 0.77 0.00	35.91 0.79 -0.71	34.30 0.61 -1.30	34.09 0.62 -1.01	35.69 0.70 0.00	39.14 1.10 0.00	44.56 1.51 0.00	53.97 1.78 0.00	64.82 2.55 0.00	58.24 2.29 0.00	50.90 1.96 0.00	45.88 1.64 0.00	42.20 1.74 0.00	40.28 1.66 0.00	37.90 1.56 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.50 1.79 -3.40	33.46 1.54 -4.91	32.79 1.39 -4.57	31.67 1.32 -3.31	32.27 1.46 -2.16	34.66 1.90 0.01	45.73 2.47 0.01	54.31 3.03 0.01	47.46 3.02 0.01	39.40 2.65 0.01	38.51 2.72 -1.39	37.23 2.53 -2.32	36.59 2.47 -1.66	37.74 2.76 0.01	40.85 2.81 0.01	46.19 3.14 0.01	55.48 3.29 0.01	66.05 3.80 0.01	59.23 3.30 0.01	52.02 3.09 0.01	46.67 2.43 0.01	42.80 2.35 0.01	40.71 2.08 0.00	38.78 2.43 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	34.50 1.79 -3.40	33.46 1.54 -4.91	32.79 1.39 -4.57	31.67 1.32 -3.31	32.27 1.46 -2.16	34.66 1.90 0.01	45.73 2.47 0.01	54.31 3.03 0.01	47.46 3.02 0.01	39.40 2.65 0.01	38.51 2.72 -1.39	37.23 2.53 -2.32	36.59 2.47 -1.66	37.74 2.76 0.01	40.85 2.81 0.01	46.19 3.14 0.01	55.48 3.29 0.01	66.05 3.80 0.01	59.23 3.30 0.01	52.02 3.09 0.01	46.67 2.43 0.01	42.80 2.35 0.01	40.71 2.08 0.00	38.78 2.43 -0.01
ASTORIA_GT2_1 24094	34.59 1.88 -3.40	33.52 1.59 -4.91	32.87 1.48 -4.57	31.79 1.43 -3.32	32.33 1.52 -2.17	34.60 1.83 0.00	45.83 2.55 0.00	54.31 3.03 0.00	47.56 3.11 0.00	39.41 2.65 0.00	38.52 2.72 -1.39	37.24 2.53 -2.33	36.59 2.47 -1.66	37.75 2.76 0.00	40.89 2.85 0.00	46.24 3.19 0.00	55.54 3.34 0.00	66.12 3.86 0.00	59.30 3.36 0.00	52.08 3.13 0.00	46.72 2.48 0.00	43.05 2.59 0.00	41.29 2.66 0.00	38.78 2.43 -0.01
ASTORIA_GT2_2 24095	34.59 1.88 -3.40	33.52 1.59 -4.91	32.87 1.48 -4.57	31.79 1.43 -3.32	32.33 1.52 -2.17	34.60 1.83 0.00	45.83 2.55 0.00	54.31 3.03 0.00	47.56 3.11 0.00	39.41 2.65 0.00	38.52 2.72 -1.39	37.24 2.53 -2.33	36.59 2.47 -1.66	37.75 2.76 0.00	40.89 2.85 0.00	46.24 3.19 0.00	55.54 3.34 0.00	66.12 3.86 0.00	59.30 3.36 0.00	52.08 3.13 0.00	46.72 2.48 0.00	43.05 2.59 0.00	41.29 2.66 0.00	38.78 2.43 -0.01
ASTORIA_GT2_3 24096	34.59 1.88 -3.40	33.52 1.59 -4.91	32.87 1.48 -4.57	31.79 1.43 -3.32	32.33 1.52 -2.17	34.60 1.83 0.00	45.83 2.55 0.00	54.31 3.03 0.00	47.56 3.11 0.00	39.41 2.65 0.00	38.52 2.72 -1.39	37.24 2.53 -2.33	36.59 2.47 -1.66	37.75 2.76 0.00	40.89 2.85 0.00	46.24 3.19 0.00	55.54 3.34 0.00	66.12 3.86 0.00	59.30 3.36 0.00	52.08 3.13 0.00	46.72 2.48 0.00	43.05 2.59 0.00	41.29 2.66 0.00	38.78 2.43 -0.01
ASTORIA_GT2_4 24097	34.59 1.88 -3.40	33.52 1.59 -4.91	32.87 1.48 -4.57	31.79 1.43 -3.32	32.33 1.52 -2.17	34.60 1.83 0.00	45.83 2.55 0.00	54.31 3.03 0.00	47.56 3.11 0.00	39.41 2.65 0.00	38.52 2.72 -1.39	37.24 2.53 -2.33	36.59 2.47 -1.66	37.75 2.76 0.00	40.89 2.85 0.00	46.24 3.19 0.00	55.54 3.34 0.00	66.12 3.86 0.00	59.30 3.36 0.00	52.08 3.13 0.00	46.72 2.48 0.00	43.05 2.59 0.00	41.29 2.66 0.00	38.78 2.43 -0.01
ASTORIA_GT3_1 24098	34.59 1.88 -3.40	33.52 1.59 -4.91	32.87 1.48 -4.57	31.79 1.43 -3.32	32.33 1.52 -2.17	34.60 1.83 0.00	45.83 2.55 0.00	54.31 3.03 0.00	47.56 3.11 0.00	39.41 2.65 0.00	38.52 2.72 -1.39	37.24 2.53 -2.33	36.59 2.47 -1.66	37.75 2.76 0.00	40.89 2.85 0.00	46.24 3.19 0.00	55.54 3.34 0.00	66.12 3.86 0.00	59.30 3.36 0.00	52.08 3.13 0.00	46.72 2.48 0.00	43.05 2.59 0.00	41.29 2.66 0.00	38.78 2.43 -0.01
ASTORIA_GT3_2 24099	34.59 1.88 -3.40	33.52 1.59 -4.91	32.87 1.48 -4.57	31.79 1.43 -3.32	32.33 1.52 -2.17	34.60 1.83 0.00	45.83 2.55 0.00	54.31 3.03 0.00	47.56 3.11 0.00	39.41 2.65 0.00	38.52 2.72 -1.39	37.24 2.53 -2.33	36.59 2.47 -1.66	37.75 2.76 0.00	40.89 2.85 0.00	46.24 3.19 0.00	55.54 3.34 0.00	66.12 3.86 0.00	59.30 3.36 0.00	52.08 3.13 0.00	46.72 2.48 0.00	43.05 2.59 0.00	41.29 2.66 0.00	38.78 2.43 -0.01
ASTORIA_GT3_3 24100	34.59 1.88 -3.40	33.52 1.59 -4.91	32.87 1.48 -4.57	31.79 1.43 -3.32	32.33 1.52 -2.17	34.60 1.83 0.00	45.83 2.55 0.00	54.31 3.03 0.00	47.56 3.11 0.00	39.41 2.65 0.00	38.52 2.72 -1.39	37.24 2.53 -2.33	36.59 2.47 -1.66	37.75 2.76 0.00	40.89 2.85 0.00	46.24 3.19 0.00	55.54 3.34 0.00	66.12 3.86 0.00	59.30 3.36 0.00	52.08 3.13 0.00	46.72 2.48 0.00	43.05 2.59 0.00	41.29 2.66 0.00	38.78 2.43 -0.01
ASTORIA_GT3_4 24101	34.59 1.88 -3.40	33.52 1.59 -4.91	32.87 1.48 -4.57	31.79 1.43 -3.32	32.33 1.52 -2.17	34.60 1.83 0.00	45.83 2.55 0.00	54.31 3.03 0.00	47.56 3.11 0.00	39.41 2.65 0.00	38.52 2.72 -1.39	37.24 2.53 -2.33	36.59 2.47 -1.66	37.75 2.76 0.00	40.89 2.85 0.00	46.24 3.19 0.00	55.54 3.34 0.00	66.12 3.86 0.00	59.30 3.36 0.00	52.08 3.13 0.00	46.72 2.48 0.00	43.05 2.59 0.00	41.29 2.66 0.00	38.78 2.43 -0.01
ASTORIA_GT4_1 24102	34.59 1.88 -3.40	33.52 1.59 -4.91	32.87 1.48 -4.57	31.79 1.43 -3.32	32.33 1.52 -2.17	34.60 1.83 0.00	45.83 2.55 0.00	54.31 3.03 0.00	47.56 3.11 0.00	39.41 2.65 0.00	38.52 2.72 -1.39	37.24 2.53 -2.33	36.59 2.47 -1.66	37.75 2.76 0.00	40.89 2.85 0.00	46.24 3.19 0.00	55.54 3.34 0.00	66.12 3.86 0.00	59.30 3.36 0.00	52.08 3.13 0.00	46.72 2.48 0.00	43.05 2.59 0.00	41.29 2.66 0.00	38.78 2.43 -0.01
ASTORIA_GT4_2 24103	34.59 1.88 -3.40	33.52 1.59 -4.91	32.87 1.48 -4.57	31.79 1.43 -3.32	32.33 1.52 -2.17	34.60 1.83 0.00	45.83 2.55 0.00	54.31 3.03 0.00	47.56 3.11 0.00	39.41 2.65 0.00	38.52 2.72 -1.39	37.24 2.53 -2.33	36.59 2.47 -1.66	37.75 2.76 0.00	40.89 2.85 0.00	46.24 3.19 0.00	55.54 3.34 0.00	66.12 3.86 0.00	59.30 3.36 0.00	52.08 3.13 0.00	46.72 2.48 0.00	43.05 2.59 0.00	41.29 2.66 0.00	38.78 2.43 -0.01
ASTORIA_GT4_3 24104	34.59 1.88 -3.40	33.52 1.59 -4.91	32.87 1.48 -4.57	31.79 1.43 -3.32	32.33 1.52 -2.17	34.60 1.83 0.00	45.83 2.55 0.00	54.31 3.03 0.00	47.56 3.11 0.00	39.41 2.65 0.00	38.52 2.72 -1.39	37.24 2.53 -2.33	36.59 2.47 -1.66	37.75 2.76 0.00	40.89 2.85 0.00	46.24 3.19 0.00	55.54 3.34 0.00	66.12 3.86 0.00	59.30 3.36 0.00	52.08 3.13 0.00	46.72 2.48 0.00	43.05 2.59 0.00	41.29 2.66 0.00	38.78 2.43 -0.01

ASTORIA_GT4_4 24105	34.59 1.88 -3.40	33.52 1.59 -4.91	32.87 1.48 -4.57	31.79 1.43 -3.32	32.33 1.52 -2.17	34.60 1.83 0.00	45.83 2.55 0.00	54.31 3.03 0.00	47.56 3.11 0.00	39.41 2.65 0.00	38.52 2.72 -1.39	37.24 2.53 -2.33	36.59 2.47 -1.66	37.75 2.76 0.00	40.89 2.85 0.00	46.24 3.19 0.00	55.54 3.34 0.00	66.12 3.86 0.00	59.30 3.36 0.00	52.08 3.13 0.00	46.72 2.48 0.00	43.05 2.59 0.00	41.29 2.66 0.00	38.78 2.43 -0.01
ASTORIA_GT_1 23523	34.56 1.85 -3.40	33.52 1.59 -4.91	32.84 1.45 -4.57	31.72 1.38 -3.31	32.29 1.49 -2.16	34.69 1.93 0.01	45.86 2.60 0.01	54.41 3.13 0.01	47.59 3.16 0.01	39.48 2.72 0.01	38.58 2.79 -1.39	37.30 2.59 -2.32	36.65 2.53 -1.66	37.81 2.83 0.01	40.92 2.89 0.01	46.32 3.27 0.01	55.63 3.44 0.01	66.24 3.99 0.01	59.40 3.47 0.01	52.17 3.23 0.01	46.80 2.57 0.01	42.88 2.43 0.01	40.78 2.16 0.00	38.85 2.51 -0.01
ASTORIA_GT_10 24110	34.79 2.08 -3.40	33.72 1.78 -4.93	33.04 1.64 -4.59	31.95 1.59 -3.32	32.50 1.69 -2.17	34.86 2.10 0.00	46.26 2.99 0.00	54.78 3.49 0.00	47.82 3.38 0.00	39.63 2.87 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.82 2.83 0.00	41.01 2.97 0.00	46.46 3.40 0.00	55.85 3.65 0.00	66.50 4.23 0.00	59.63 3.69 0.00	52.32 3.38 0.00	46.99 2.74 0.00	43.41 2.95 0.00	41.32 2.70 0.00	38.82 2.47 -0.01
ASTORIA_GT_11 24225	34.79 2.08 -3.40	33.72 1.78 -4.93	33.04 1.64 -4.59	31.95 1.59 -3.32	32.50 1.69 -2.17	34.86 2.10 0.00	46.26 2.99 0.00	54.78 3.49 0.00	47.82 3.38 0.00	39.63 2.87 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.82 2.83 0.00	41.01 2.97 0.00	46.46 3.40 0.00	55.85 3.65 0.00	66.50 4.23 0.00	59.63 3.69 0.00	52.32 3.38 0.00	46.99 2.74 0.00	43.41 2.95 0.00	41.32 2.70 0.00	38.82 2.47 -0.01
ASTORIA_GT_12 24226	34.79 2.08 -3.40	33.72 1.78 -4.93	33.04 1.64 -4.59	31.95 1.59 -3.32	32.50 1.69 -2.17	34.86 2.10 0.00	46.26 2.99 0.00	54.78 3.49 0.00	47.82 3.38 0.00	39.63 2.87 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.82 2.83 0.00	41.01 2.97 0.00	46.46 3.40 0.00	55.85 3.65 0.00	66.50 4.23 0.00	59.63 3.69 0.00	52.32 3.38 0.00	46.99 2.74 0.00	43.41 2.95 0.00	41.32 2.70 0.00	38.82 2.47 -0.01
ASTORIA_GT_13 24227	34.79 2.08 -3.40	33.72 1.78 -4.93	33.04 1.64 -4.59	31.95 1.59 -3.32	32.50 1.69 -2.17	34.86 2.10 0.00	46.26 2.99 0.00	54.78 3.49 0.00	47.82 3.38 0.00	39.63 2.87 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.82 2.83 0.00	41.01 2.97 0.00	46.46 3.40 0.00	55.85 3.65 0.00	66.50 4.23 0.00	59.63 3.69 0.00	52.32 3.38 0.00	46.99 2.74 0.00	43.41 2.95 0.00	41.32 2.70 0.00	38.82 2.47 -0.01
ASTORIA_GT_5 24106	34.62 1.91 -3.40	33.54 1.62 -4.91	32.89 1.50 -4.57	31.81 1.46 -3.32	32.36 1.55 -2.17	34.63 1.87 0.00	45.91 2.64 0.00	54.42 3.13 0.00	47.64 3.20 0.00	39.48 2.72 0.00	38.59 2.79 -1.39	37.31 2.59 -2.33	36.66 2.53 -1.66	37.82 2.83 0.00	40.93 2.89 0.00	46.33 3.27 0.00	55.64 3.45 0.00	66.25 3.98 0.00	59.41 3.47 0.00	52.18 3.23 0.00	46.81 2.57 0.00	43.13 2.67 0.00	41.32 2.70 0.00	38.82 2.47 -0.01
ASTORIA_GT_7 24107	34.62 1.91 -3.40	33.54 1.62 -4.91	32.89 1.50 -4.57	31.81 1.46 -3.32	32.36 1.55 -2.17	34.63 1.87 0.00	45.91 2.64 0.00	54.42 3.13 0.00	47.64 3.20 0.00	39.48 2.72 0.00	38.59 2.79 -1.39	37.31 2.59 -2.33	36.66 2.53 -1.66	37.82 2.83 0.00	40.93 2.89 0.00	46.33 3.27 0.00	55.64 3.45 0.00	66.25 3.98 0.00	59.41 3.47 0.00	52.18 3.23 0.00	46.81 2.57 0.00	43.13 2.67 0.00	41.32 2.70 0.00	38.82 2.47 -0.01
ASTORIA_GT_8 24108	34.62 1.91 -3.40	33.54 1.62 -4.91	32.89 1.50 -4.57	31.81 1.46 -3.32	32.36 1.55 -2.17	34.63 1.87 0.00	45.91 2.64 0.00	54.42 3.13 0.00	47.64 3.20 0.00	39.48 2.72 0.00	38.59 2.79 -1.39	37.31 2.59 -2.33	36.66 2.53 -1.66	37.82 2.83 0.00	40.93 2.89 0.00	46.33 3.27 0.00	55.64 3.45 0.00	66.25 3.98 0.00	59.41 3.47 0.00	52.18 3.23 0.00	46.81 2.57 0.00	43.13 2.67 0.00	41.32 2.70 0.00	38.82 2.47 -0.01
ASTORIA___2 24149	34.50 1.79 -3.40	33.46 1.54 -4.91	32.81 1.42 -4.57	31.70 1.35 -3.31	32.27 1.46 -2.16	34.66 1.90 0.01	45.78 2.51 0.01	54.31 3.03 0.01	47.50 3.06 0.01	39.40 2.65 0.01	38.51 2.72 -1.39	37.23 2.53 -2.32	36.59 2.47 -1.66	37.74 2.76 0.01	40.85 2.81 0.01	46.24 3.19 0.01	55.53 3.34 0.01	66.12 3.86 0.01	59.29 3.36 0.01	52.07 3.14 0.01	46.71 2.48 0.01	42.80 2.35 0.01	40.71 2.08 0.00	38.78 2.43 -0.01
ASTORIA___3 23516	34.71 1.99 -3.40	33.67 1.73 -4.93	32.99 1.58 -4.59	31.87 1.51 -3.32	32.45 1.63 -2.17	34.93 2.16 0.00	46.22 2.94 0.00	54.78 3.49 0.00	47.78 3.33 0.00	39.63 2.87 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.01 2.97 0.00	46.46 3.40 0.00	55.85 3.65 0.00	66.50 4.24 0.00	59.63 3.69 0.00	52.32 3.37 0.00	46.99 2.74 0.00	43.17 2.71 0.00	41.13 2.51 0.00	38.85 2.51 -0.01
ASTORIA___4 23517	34.79 2.08 -3.40	33.72 1.78 -4.93	33.04 1.64 -4.59	31.95 1.59 -3.32	32.50 1.69 -2.17	34.86 2.10 0.00	46.26 2.99 0.00	54.78 3.49 0.00	47.82 3.38 0.00	39.63 2.87 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.82 2.83 0.00	41.01 2.97 0.00	46.46 3.40 0.00	55.85 3.65 0.00	66.50 4.23 0.00	59.63 3.69 0.00	52.32 3.38 0.00	46.99 2.74 0.00	43.41 2.95 0.00	41.32 2.70 0.00	38.82 2.47 -0.01
ASTORIA___5 23518	34.71 1.99 -3.40	33.67 1.73 -4.93	32.99 1.58 -4.59	31.87 1.51 -3.32	32.45 1.63 -2.17	34.93 2.16 0.00	46.22 2.94 0.00	54.78 3.49 0.00	47.78 3.33 0.00	39.63 2.87 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.01 2.97 0.00	46.46 3.40 0.00	55.85 3.65 0.00	66.50 4.24 0.00	59.63 3.69 0.00	52.32 3.37 0.00	46.99 2.74 0.00	43.17 2.71 0.00	41.13 2.51 0.00	38.85 2.51 -0.01
AST_ENERGY_2_CC3 323677	34.55 1.85 -3.39	33.52 1.59 -4.92	32.85 1.45 -4.58	31.73 1.38 -3.32	32.30 1.49 -2.17	34.83 2.07 0.00	41.37 2.98 4.89	49.53 3.69 5.45	43.37 3.42 4.50	39.63 2.87 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.67	37.86 2.87 0.00	41.04 3.00 0.00	46.46 3.40 0.00	50.77 3.71 5.13	54.16 4.24 12.34	51.02 3.69 8.61	51.02 3.42 1.35	47.03 2.79 0.00	43.21 2.75 0.00	41.13 2.51 0.00	38.67 2.33 0.00
AST_ENERGY_2_CC4 323678	34.55 1.85 -3.39	33.52 1.59 -4.92	32.85 1.45 -4.58	31.73 1.38 -3.32	32.30 1.49 -2.17	34.83 2.07 0.00	41.37 2.98 4.89	49.53 3.69 5.45	43.37 3.42 4.50	39.63 2.87 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.67	37.86 2.87 0.00	41.04 3.00 0.00	46.46 3.40 0.00	50.77 3.71 5.13	54.16 4.24 12.34	51.02 3.69 8.61	51.02 3.42 1.35	47.03 2.79 0.00	43.21 2.75 0.00	41.13 2.51 0.00	38.67 2.33 0.00

ATHENS_STG_1 23668	33.82 0.88 -3.63	33.06 0.78 -5.27	32.50 0.78 -4.90	31.37 0.78 -3.55	31.80 0.83 -2.32	33.78 1.02 0.00	44.75 1.47 0.00	53.13 1.84 0.00	46.09 1.65 0.00	38.12 1.36 0.00	36.38 1.34 -0.64	34.84 1.26 -1.19	34.63 1.23 -0.94	36.35 1.36 0.00	39.45 1.41 0.00	44.69 1.64 0.00	53.92 1.72 0.00	64.26 1.99 0.00	57.62 1.68 0.00	50.51 1.57 0.00	45.57 1.33 0.00	41.79 1.33 0.00	39.89 1.27 0.00	37.54 1.20 0.00
ATHENS_STG_2 23670	33.82 0.88 -3.63	33.06 0.78 -5.27	32.50 0.78 -4.90	31.37 0.78 -3.55	31.80 0.83 -2.32	33.78 1.02 0.00	44.75 1.47 0.00	53.13 1.84 0.00	46.09 1.65 0.00	38.12 1.36 0.00	36.38 1.34 -0.64	34.84 1.26 -1.19	34.63 1.23 -0.94	36.35 1.36 0.00	39.45 1.41 0.00	44.69 1.64 0.00	53.92 1.72 0.00	64.26 1.99 0.00	57.62 1.68 0.00	50.51 1.57 0.00	45.57 1.33 0.00	41.79 1.33 0.00	39.89 1.27 0.00	37.54 1.20 0.00
ATHENS_STG_3 23677	33.82 0.88 -3.63	33.06 0.78 -5.27	32.50 0.78 -4.90	31.37 0.78 -3.55	31.80 0.83 -2.32	33.78 1.02 0.00	44.75 1.47 0.00	53.13 1.84 0.00	46.09 1.65 0.00	38.12 1.36 0.00	36.38 1.34 -0.64	34.84 1.26 -1.19	34.63 1.23 -0.94	36.35 1.36 0.00	39.45 1.41 0.00	44.69 1.64 0.00	53.92 1.72 0.00	64.26 1.99 0.00	57.62 1.68 0.00	50.51 1.57 0.00	45.57 1.33 0.00	41.79 1.33 0.00	39.89 1.27 0.00	37.54 1.20 0.00
AUBURN___LFGE 323710	29.62 -0.09 -0.40	27.53 -0.05 -0.58	27.30 -0.05 -0.54	27.34 -0.08 -0.39	28.78 -0.11 -0.25	32.73 -0.03 0.00	43.32 0.04 0.00	51.39 0.10 0.00	44.44 0.00 0.00	36.80 0.04 0.00	34.27 -0.14 0.00	32.25 -0.16 -0.02	32.30 -0.19 -0.03	34.85 -0.14 0.00	37.89 -0.15 0.00	42.84 -0.22 0.00	52.04 -0.16 0.00	62.33 0.06 0.00	56.11 0.17 0.00	48.94 0.00 0.00	44.24 0.00 0.00	40.17 -0.28 0.00	38.27 -0.35 0.00	36.05 -0.29 0.00
BABYLON_RES_REC 323704	34.73 2.02 -3.39	33.69 1.75 -4.92	32.87 1.47 -4.58	31.68 1.32 -3.32	32.33 1.52 -2.17	35.25 2.49 0.00	47.05 3.76 -0.01	55.39 4.10 0.00	48.40 3.95 0.00	40.19 3.42 -0.01	38.96 3.16 -1.39	37.69 2.98 -2.33	37.06 2.92 -1.67	38.21 3.22 -0.01	45.42 3.46 -3.92	49.14 3.92 -2.17	56.98 4.33 -0.46	67.13 4.86 -0.01	60.76 4.37 -0.45	59.29 4.06 -6.29	56.56 3.54 -8.78	48.13 3.36 -4.32	41.72 3.09 -0.01	38.88 2.54 0.00
BABYLON__69_KV_BK2 356345	35.20 2.49 -3.39	33.96 2.03 -4.92	33.14 1.74 -4.58	31.97 1.62 -3.32	32.70 1.89 -2.17	35.65 2.88 0.00	47.53 4.24 -0.01	55.60 4.31 0.00	48.67 4.22 0.00	40.52 3.75 -0.01	39.20 3.41 -1.39	37.98 3.27 -2.33	37.35 3.21 -1.67	38.53 3.53 -0.01	45.72 3.84 -3.83	49.53 4.35 -2.12	57.60 4.96 -0.45	67.82 5.54 -0.01	61.36 4.98 -0.44	59.75 4.65 -6.16	56.91 4.07 -8.59	48.57 3.88 -4.23	42.15 3.51 -0.01	39.10 2.76 0.00
BALL_HILL_WT_PWR 323825	27.53 -2.29 -0.50	25.50 -2.24 -0.73	25.30 -2.20 -0.68	25.44 -2.08 -0.49	26.76 -2.21 -0.32	30.86 -1.90 0.00	41.33 -1.95 0.00	48.06 -3.23 0.00	41.96 -2.49 0.00	35.37 -1.40 0.00	32.79 -1.62 0.00	30.63 -1.78 -0.03	30.36 -2.14 -0.04	33.20 -1.78 0.00	36.29 -1.75 0.00	40.56 -2.50 0.00	49.38 -2.82 0.00	58.96 -3.30 0.00	53.37 -2.57 0.00	46.79 -2.15 0.00	42.52 -1.73 0.00	38.19 -2.26 0.00	36.81 -1.81 0.00	35.14 -1.20 0.00
BARON_WINDS___WT_PWR 323822	28.25 -1.76 -0.70	26.34 -1.67 -1.01	26.10 -1.66 -0.94	26.09 -1.62 -0.68	27.43 -1.66 -0.45	31.49 -1.28 0.00	42.15 -1.13 0.00	49.70 -1.59 0.00	43.20 -1.24 0.00	36.14 -0.63 0.00	33.48 -0.93 0.00	31.39 -1.04 -0.04	31.13 -1.39 -0.06	34.04 -0.94 0.00	37.09 -0.95 0.00	41.68 -1.38 0.00	50.79 -1.41 0.00	60.95 -1.31 0.00	54.99 -0.95 0.00	48.11 -0.83 0.00	43.67 -0.58 0.00	39.45 -1.01 0.00	37.73 -0.89 0.00	35.79 -0.54 0.00
BARRETT_IC_1 23704	34.49 1.79 -3.39	33.47 1.54 -4.92	32.69 1.29 -4.58	31.54 1.19 -3.32	32.16 1.35 -2.17	34.93 2.16 0.00	46.57 3.29 -0.01	54.72 3.44 0.00	47.91 3.47 0.00	39.79 3.02 -0.01	38.65 2.85 -1.39	37.37 2.66 -2.33	36.76 2.63 -1.67	37.83 2.83 -0.01	44.63 2.97 -3.62	48.42 3.36 -2.01	56.12 3.50 -0.42	66.20 3.92 -0.01	59.77 3.41 -0.42	57.99 3.23 -5.82	55.11 2.74 -8.12	47.28 2.83 -4.00	41.29 2.66 -0.01	38.56 2.22 0.00
BARRETT_IC_10 23701	34.49 1.79 -3.39	33.47 1.54 -4.92	32.69 1.29 -4.58	31.54 1.19 -3.32	32.16 1.35 -2.17	34.93 2.16 0.00	46.57 3.29 -0.01	54.72 3.44 0.00	47.91 3.47 0.00	39.79 3.02 -0.01	38.65 2.85 -1.39	37.37 2.66 -2.33	36.76 2.63 -1.67	37.83 2.83 -0.01	44.63 2.97 -3.62	48.42 3.36 -2.01	56.12 3.50 -0.42	66.20 3.92 -0.01	59.77 3.41 -0.42	57.99 3.23 -5.82	55.11 2.74 -8.12	47.28 2.83 -4.00	41.29 2.66 -0.01	38.56 2.22 0.00
BARRETT_IC_11 23702	34.49 1.79 -3.39	33.47 1.54 -4.92	32.69 1.29 -4.58	31.54 1.19 -3.32	32.16 1.35 -2.17	34.93 2.16 0.00	46.57 3.29 -0.01	54.72 3.44 0.00	47.91 3.47 0.00	39.79 3.02 -0.01	38.65 2.85 -1.39	37.37 2.66 -2.33	36.76 2.63 -1.67	37.83 2.83 -0.01	44.63 2.97 -3.62	48.42 3.36 -2.01	56.12 3.50 -0.42	66.20 3.92 -0.01	59.77 3.41 -0.42	57.99 3.23 -5.82	55.11 2.74 -8.12	47.28 2.83 -4.00	41.29 2.66 -0.01	38.56 2.22 0.00
BARRETT_IC_12 23703	34.49 1.79 -3.39	33.47 1.54 -4.92	32.69 1.29 -4.58	31.54 1.19 -3.32	32.16 1.35 -2.17	34.93 2.16 0.00	46.57 3.29 -0.01	54.72 3.44 0.00	47.91 3.47 0.00	39.79 3.02 -0.01	38.65 2.85 -1.39	37.37 2.66 -2.33	36.76 2.63 -1.67	37.83 2.83 -0.01	44.63 2.97 -3.62	48.42 3.36 -2.01	56.12 3.50 -0.42	66.20 3.92 -0.01	59.77 3.41 -0.42	57.99 3.23 -5.82	55.11 2.74 -8.12	47.28 2.83 -4.00	41.29 2.66 -0.01	38.56 2.22 0.00
BARRETT_IC_2 23705	34.49 1.79 -3.39	33.47 1.54 -4.92	32.69 1.29 -4.58	31.54 1.19 -3.32	32.16 1.35 -2.17	34.93 2.16 0.00	46.57 3.29 -0.01	54.72 3.44 0.00	47.91 3.47 0.00	39.79 3.02 -0.01	38.65 2.85 -1.39	37.37 2.66 -2.33	36.76 2.63 -1.67	37.83 2.83 -0.01	44.63 2.97 -3.62	48.42 3.36 -2.01	56.12 3.50 -0.42	66.20 3.92 -0.01	59.77 3.41 -0.42	57.99 3.23 -5.82	55.11 2.74 -8.12	47.28 2.83 -4.00	41.29 2.66 -0.01	38.56 2.22 0.00
BARRETT_IC_3 23706	34.49 1.79 -3.39	33.47 1.54 -4.92	32.69 1.29 -4.58	31.54 1.19 -3.32	32.16 1.35 -2.17	34.93 2.16 0.00	46.57 3.29 -0.01	54.72 3.44 0.00	47.91 3.47 0.00	39.79 3.02 -0.01	38.65 2.85 -1.39	37.37 2.66 -2.33	36.76 2.63 -1.67	37.83 2.83 -0.01	44.63 2.97 -3.62	48.42 3.36 -2.01	56.12 3.50 -0.42	66.20 3.92 -0.01	59.77 3.41 -0.42	57.99 3.23 -5.82	55.11 2.74 -8.12	47.28 2.83 -4.00	41.29 2.66 -0.01	38.56 2.22 0.00
BARRETT_IC_4 23707	34.49 1.79 -3.39	33.47 1.54 -4.92	32.69 1.29 -4.58	31.54 1.19 -3.32	32.16 1.35 -2.17	34.93 2.16 0.00	46.57 3.29 -0.01	54.72 3.44 0.00	47.91 3.47 0.00	39.79 3.02 -0.01	38.65 2.85 -1.39	37.37 2.66 -2.33	36.76 2.63 -1.67	37.83 2.83 -0.01	44.63 2.97 -3.62	48.42 3.36 -2.01	56.12 3.50 -0.42	66.20 3.92 -0.01	59.77 3.41 -0.42	57.99 3.23 -5.82	55.11 2.74 -8.12	47.28 2.83 -4.00	41.29 2.66 -0.01	38.56 2.22 0.00

BARRETT_IC_5 23708	34.49 1.79 -3.39	33.47 1.54 -4.92	32.69 1.29 -4.58	31.54 1.19 -3.32	32.16 1.35 -2.17	34.93 2.16 0.00	46.57 3.29 -0.01	54.72 3.44 0.00	47.91 3.47 0.00	39.79 3.02 -0.01	38.65 2.85 -1.39	37.37 2.66 -2.33	36.76 2.63 -1.67	37.83 2.83 -0.01	44.63 2.97 -3.62	48.42 3.36 -2.01	56.12 3.50 -0.42	66.20 3.92 -0.01	59.77 3.41 -0.42	57.99 3.23 -5.82	55.11 2.74 -8.12	47.28 2.83 -4.00	41.29 2.66 -0.01	38.56 2.22 0.00
BARRETT_IC_6 23709	34.49 1.79 -3.39	33.47 1.54 -4.92	32.69 1.29 -4.58	31.54 1.19 -3.32	32.16 1.35 -2.17	34.93 2.16 0.00	46.57 3.29 -0.01	54.72 3.44 0.00	47.91 3.47 0.00	39.79 3.02 -0.01	38.65 2.85 -1.39	37.37 2.66 -2.33	36.76 2.63 -1.67	37.83 2.83 -0.01	44.63 2.97 -3.62	48.42 3.36 -2.01	56.12 3.50 -0.42	66.20 3.92 -0.01	59.77 3.41 -0.42	57.99 3.23 -5.82	55.11 2.74 -8.12	47.28 2.83 -4.00	41.29 2.66 -0.01	38.56 2.22 0.00
BARRETT_IC_7 23710	34.67 1.96 -3.39	33.52 1.59 -4.92	32.77 1.37 -4.58	31.62 1.27 -3.32	32.27 1.46 -2.17	35.03 2.26 0.00	46.62 3.33 -0.01	54.62 3.33 0.00	47.82 3.38 0.00	39.79 3.01 -0.01	38.58 2.79 -1.39	37.37 2.66 -2.33	36.73 2.60 -1.67	37.83 2.83 -0.01	44.63 2.97 -3.62	48.42 3.36 -2.01	56.12 3.50 -0.42	66.20 3.92 -0.01	59.77 3.41 -0.42	58.00 3.23 -5.82	55.11 2.74 -8.12	47.37 2.91 -4.00	41.37 2.74 -0.01	38.52 2.18 0.00
BARRETT_IC_8 23711	34.49 1.79 -3.39	33.47 1.54 -4.92	32.69 1.29 -4.58	31.54 1.19 -3.32	32.16 1.35 -2.17	34.93 2.16 0.00	46.57 3.29 -0.01	54.72 3.44 0.00	47.91 3.47 0.00	39.79 3.02 -0.01	38.65 2.85 -1.39	37.37 2.66 -2.33	36.76 2.63 -1.67	37.83 2.83 -0.01	44.63 2.97 -3.62	48.42 3.36 -2.01	56.12 3.50 -0.42	66.20 3.92 -0.01	59.77 3.41 -0.42	57.99 3.23 -5.82	55.11 2.74 -8.12	47.28 2.83 -4.00	41.29 2.66 -0.01	38.56 2.22 0.00
BARRETT_IC_9 23700	34.49 1.79 -3.39	33.47 1.54 -4.92	32.69 1.29 -4.58	31.54 1.19 -3.32	32.16 1.35 -2.17	34.93 2.16 0.00	46.57 3.29 -0.01	54.72 3.44 0.00	47.91 3.47 0.00	39.79 3.02 -0.01	38.65 2.85 -1.39	37.37 2.66 -2.33	36.76 2.63 -1.67	37.83 2.83 -0.01	44.63 2.97 -3.62	48.42 3.36 -2.01	56.12 3.50 -0.42	66.20 3.92 -0.01	59.77 3.41 -0.42	57.99 3.23 -5.82	55.11 2.74 -8.12	47.28 2.83 -4.00	41.29 2.66 -0.01	38.56 2.22 0.00
BARRETT___1 23545	34.49 1.79 -3.39	33.47 1.54 -4.92	32.69 1.29 -4.58	31.54 1.19 -3.32	32.16 1.35 -2.17	34.93 2.16 0.00	46.57 3.29 -0.01	54.72 3.44 0.00	47.91 3.47 0.00	39.79 3.02 -0.01	38.65 2.85 -1.39	37.37 2.66 -2.33	36.76 2.63 -1.67	37.83 2.83 -0.01	44.63 2.97 -3.62	48.42 3.36 -2.01	56.12 3.50 -0.42	66.20 3.92 -0.01	59.77 3.41 -0.42	57.99 3.23 -5.82	55.11 2.74 -8.12	47.28 2.83 -4.00	41.29 2.66 -0.01	38.56 2.22 0.00
BARRETT___2 23546	34.49 1.79 -3.39	33.47 1.54 -4.92	32.69 1.29 -4.58	31.54 1.19 -3.32	32.16 1.35 -2.17	34.93 2.16 0.00	46.57 3.29 -0.01	54.72 3.44 0.00	47.91 3.47 0.00	39.79 3.02 -0.01	38.65 2.85 -1.39	37.37 2.66 -2.33	36.76 2.63 -1.67	37.83 2.83 -0.01	44.63 2.97 -3.62	48.42 3.36 -2.01	56.12 3.50 -0.42	66.20 3.92 -0.01	59.77 3.41 -0.42	57.99 3.23 -5.82	55.11 2.74 -8.12	47.28 2.83 -4.00	41.29 2.66 -0.01	38.56 2.22 0.00
BATAVIA__115KV_TB1 55881	28.37 -1.38 -0.43	26.20 -1.43 -0.63	26.06 -1.34 -0.58	26.08 -1.38 -0.42	27.55 -1.37 -0.28	31.32 -1.44 0.00	41.67 -1.60 0.00	48.83 -2.46 0.00	42.40 -2.04 0.00	35.48 -1.29 0.00	32.96 -1.45 0.00	30.89 -1.52 -0.03	31.07 -1.43 -0.04	33.45 -1.54 0.00	36.48 -1.56 0.00	40.86 -2.20 0.00	49.69 -2.51 0.00	59.09 -3.18 0.00	53.70 -2.24 0.00	47.08 -1.86 0.00	42.61 -1.64 0.00	38.07 -2.39 0.00	36.54 -2.09 0.00	35.03 -1.31 0.00
BAYONEEC___CTG1 323682	34.52 1.82 -3.39	33.47 1.54 -4.92	32.82 1.42 -4.58	31.70 1.35 -3.32	32.27 1.46 -2.17	34.80 2.03 0.00	46.35 3.07 0.00	55.03 3.74 0.00	47.95 3.51 0.00	39.74 2.98 0.00	38.65 2.85 -1.39	37.37 2.66 -2.33	36.73 2.60 -1.67	37.89 2.90 0.00	41.08 3.04 0.00	46.54 3.49 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.80 3.86 0.00	52.47 3.53 0.00	47.12 2.87 0.00	43.25 2.79 0.00	41.13 2.51 0.00	38.63 2.29 0.00
BAYONEEC___CTG10 323750	34.52 1.82 -3.39	33.47 1.54 -4.92	32.82 1.42 -4.58	31.70 1.35 -3.32	32.27 1.46 -2.17	34.80 2.03 0.00	46.35 3.07 0.00	55.03 3.74 0.00	47.95 3.51 0.00	39.74 2.98 0.00	38.65 2.85 -1.39	37.37 2.66 -2.33	36.73 2.60 -1.67	37.89 2.90 0.00	41.08 3.04 0.00	46.54 3.49 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.80 3.86 0.00	52.47 3.53 0.00	47.12 2.87 0.00	43.25 2.79 0.00	41.13 2.51 0.00	38.63 2.29 0.00
BAYONEEC___CTG2 323683	34.52 1.82 -3.39	33.47 1.54 -4.92	32.82 1.42 -4.58	31.70 1.35 -3.32	32.27 1.46 -2.17	34.80 2.03 0.00	46.35 3.07 0.00	55.03 3.74 0.00	47.95 3.51 0.00	39.74 2.98 0.00	38.65 2.85 -1.39	37.37 2.66 -2.33	36.73 2.60 -1.67	37.89 2.90 0.00	41.08 3.04 0.00	46.54 3.49 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.80 3.86 0.00	52.47 3.53 0.00	47.12 2.87 0.00	43.25 2.79 0.00	41.13 2.51 0.00	38.63 2.29 0.00
BAYONEEC___CTG3 323684	34.52 1.82 -3.39	33.47 1.54 -4.92	32.82 1.42 -4.58	31.70 1.35 -3.32	32.27 1.46 -2.17	34.80 2.03 0.00	46.35 3.07 0.00	55.03 3.74 0.00	47.95 3.51 0.00	39.74 2.98 0.00	38.65 2.85 -1.39	37.37 2.66 -2.33	36.73 2.60 -1.67	37.89 2.90 0.00	41.08 3.04 0.00	46.54 3.49 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.80 3.86 0.00	52.47 3.53 0.00	47.12 2.87 0.00	43.25 2.79 0.00	41.13 2.51 0.00	38.63 2.29 0.00
BAYONEEC___CTG4 323685	34.52 1.82 -3.39	33.47 1.54 -4.92	32.82 1.42 -4.58	31.70 1.35 -3.32	32.27 1.46 -2.17	34.80 2.03 0.00	46.35 3.07 0.00	55.03 3.74 0.00	47.95 3.51 0.00	39.74 2.98 0.00	38.65 2.85 -1.39	37.37 2.66 -2.33	36.73 2.60 -1.67	37.89 2.90 0.00	41.08 3.04 0.00	46.54 3.49 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.80 3.86 0.00	52.47 3.53 0.00	47.12 2.87 0.00	43.25 2.79 0.00	41.13 2.51 0.00	38.63 2.29 0.00
BAYONEEC___CTG5 323686	34.52 1.82 -3.39	33.47 1.54 -4.92	32.82 1.42 -4.58	31.70 1.35 -3.32	32.27 1.46 -2.17	34.80 2.03 0.00	46.35 3.07 0.00	55.03 3.74 0.00	47.95 3.51 0.00	39.74 2.98 0.00	38.65 2.85 -1.39	37.37 2.66 -2.33	36.73 2.60 -1.67	37.89 2.90 0.00	41.08 3.04 0.00	46.54 3.49 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.80 3.86 0.00	52.47 3.53 0.00	47.12 2.87 0.00	43.25 2.79 0.00	41.13 2.51 0.00	38.63 2.29 0.00
BAYONEEC___CTG6 323687	34.52 1.82 -3.39	33.47 1.54 -4.92	32.82 1.42 -4.58	31.70 1.35 -3.32	32.27 1.46 -2.17	34.80 2.03 0.00	46.35 3.07 0.00	55.03 3.74 0.00	47.95 3.51 0.00	39.74 2.98 0.00	38.65 2.85 -1.39	37.37 2.66 -2.33	36.73 2.60 -1.67	37.89 2.90 0.00	41.08 3.04 0.00	46.54 3.49 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.80 3.86 0.00	52.47 3.53 0.00	47.12 2.87 0.00	43.25 2.79 0.00	41.13 2.51 0.00	38.63 2.29 0.00

BAYONEEC___CTG7 323688	34.52 1.82 -3.39	33.47 1.54 -4.92	32.82 1.42 -4.58	31.70 1.35 -3.32	32.27 1.46 -2.17	34.80 2.03 0.00	46.35 3.07 0.00	55.03 3.74 0.00	47.95 3.51 0.00	39.74 2.98 0.00	38.65 2.85 -1.39	37.37 2.66 -2.33	36.73 2.60 -1.67	37.89 2.90 0.00	41.08 3.04 0.00	46.54 3.49 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.80 3.86 0.00	52.47 3.53 0.00	47.12 2.87 0.00	43.25 2.79 0.00	41.13 2.51 0.00	38.63 2.29 0.00
BAYONEEC___CTG8 323689	34.52 1.82 -3.39	33.47 1.54 -4.92	32.82 1.42 -4.58	31.70 1.35 -3.32	32.27 1.46 -2.17	34.80 2.03 0.00	46.35 3.07 0.00	55.03 3.74 0.00	47.95 3.51 0.00	39.74 2.98 0.00	38.65 2.85 -1.39	37.37 2.66 -2.33	36.73 2.60 -1.67	37.89 2.90 0.00	41.08 3.04 0.00	46.54 3.49 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.80 3.86 0.00	52.47 3.53 0.00	47.12 2.87 0.00	43.25 2.79 0.00	41.13 2.51 0.00	38.63 2.29 0.00
BAYONEEC___CTG9 323749	34.52 1.82 -3.39	33.47 1.54 -4.92	32.82 1.42 -4.58	31.70 1.35 -3.32	32.27 1.46 -2.17	34.80 2.03 0.00	46.35 3.07 0.00	55.03 3.74 0.00	47.95 3.51 0.00	39.74 2.98 0.00	38.65 2.85 -1.39	37.37 2.66 -2.33	36.73 2.60 -1.67	37.89 2.90 0.00	41.08 3.04 0.00	46.54 3.49 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.80 3.86 0.00	52.47 3.53 0.00	47.12 2.87 0.00	43.25 2.79 0.00	41.13 2.51 0.00	38.63 2.29 0.00
BEACON___LESR 323632	34.28 0.97 -4.00	33.71 0.89 -5.81	33.09 0.86 -5.41	31.87 0.92 -3.92	32.18 0.97 -2.56	33.98 1.21 0.00	44.70 1.43 0.00	52.98 1.69 0.00	45.82 1.38 0.00	37.86 1.10 0.00	36.33 1.44 -0.48	34.68 1.33 -0.97	34.60 1.33 -0.81	36.42 1.44 0.00	39.56 1.52 0.00	44.48 1.42 0.00	53.76 1.56 0.00	64.13 1.87 0.00	57.57 1.62 0.00	50.36 1.42 0.00	45.53 1.28 0.00	41.91 1.45 0.00	40.17 1.55 0.00	37.72 1.38 0.00
BEAVER RIVER___HYD 24048	23.31 -1.14 4.87	20.59 -1.05 5.36	20.45 -0.99 5.38	20.64 -1.00 5.39	22.01 -1.06 5.57	28.67 -1.21 2.88	41.93 -1.34 0.00	50.16 -1.13 0.00	43.02 -1.42 0.00	35.18 -1.58 0.00	32.82 -1.58 0.00	27.71 -1.59 3.09	30.31 -1.53 0.63	33.38 -1.61 0.00	36.52 -1.52 0.00	41.64 -1.42 0.00	51.42 -0.78 0.00	61.58 -0.68 0.00	55.55 -0.39 0.00	48.36 -0.59 0.00	44.02 -0.22 0.00	39.89 -0.57 0.00	38.00 -0.62 0.00	35.87 -0.47 0.00
BEEBEE_GT_13 23619	28.69 -1.00 -0.37	26.58 -0.97 -0.54	26.39 -0.94 -0.51	26.42 -0.97 -0.37	27.88 -1.00 -0.24	31.42 -1.34 0.00	41.63 -1.64 0.00	48.98 -2.31 0.00	42.49 -1.96 0.00	35.48 -1.29 0.00	33.06 -1.34 0.00	31.05 -1.36 -0.02	31.42 -1.07 -0.03	33.59 -1.40 0.00	36.52 -1.52 0.00	41.08 -1.98 0.00	49.90 -2.30 0.00	59.52 -2.74 0.00	53.87 -2.07 0.00	47.18 -1.76 0.00	42.65 -1.59 0.00	38.44 -2.02 0.00	36.77 -1.85 0.00	34.99 -1.34 0.00
BENSHRST_27_KV_BENSHRST_1 355998	35.09 2.37 -3.40	33.96 2.03 -4.93	33.28 1.88 -4.59	32.16 1.81 -3.32	32.76 1.95 -2.17	35.12 2.36 0.00	46.61 3.33 0.00	55.13 3.85 0.00	48.00 3.56 0.00	39.78 3.01 0.00	38.69 2.89 -1.39	37.40 2.69 -2.33	36.76 2.63 -1.66	37.93 2.94 0.00	41.12 3.08 0.00	46.67 3.62 0.00	56.22 4.02 0.00	67.00 4.73 0.00	60.08 4.14 0.00	52.71 3.77 0.00	47.16 2.92 0.00	43.65 3.20 0.00	41.59 2.97 0.00	39.11 2.76 -0.01
BETHLEHEM___GRP 23843	33.64 0.32 -4.01	33.12 0.30 -5.82	32.58 0.35 -5.41	31.36 0.41 -3.93	31.64 0.43 -2.56	33.22 0.46 0.00	43.84 0.56 0.00	52.01 0.72 0.00	45.02 0.58 0.00	37.28 0.51 0.00	35.88 1.00 -0.47	34.29 0.94 -0.96	34.21 0.94 -0.81	36.00 1.01 0.00	39.03 0.99 0.00	43.79 0.73 0.00	52.82 0.63 0.00	62.89 0.62 0.00	56.45 0.50 0.00	49.39 0.44 0.00	44.68 0.44 0.00	41.27 0.81 0.00	39.63 1.00 0.00	37.25 0.91 0.00
BETHLEHEM___GS1 323560	33.88 0.56 -4.01	33.34 0.51 -5.82	32.74 0.51 -5.41	31.53 0.57 -3.93	31.81 0.60 -2.56	33.49 0.72 0.00	43.88 0.61 0.00	52.01 0.72 0.00	45.02 0.58 0.00	37.28 0.51 0.00	35.88 1.00 -0.47	34.29 0.94 -0.96	34.21 0.94 -0.81	36.00 1.02 0.00	39.03 0.99 0.00	43.79 0.73 0.00	52.83 0.63 0.00	62.89 0.62 0.00	56.45 0.50 0.00	49.38 0.44 0.00	44.68 0.44 0.00	41.22 0.77 0.00	39.62 1.00 0.00	37.21 0.87 0.00
BETHLEHEM___GS2 323561	33.88 0.56 -4.01	33.34 0.51 -5.82	32.74 0.51 -5.41	31.53 0.57 -3.93	31.81 0.60 -2.56	33.49 0.72 0.00	43.88 0.61 0.00	52.01 0.72 0.00	45.02 0.58 0.00	37.28 0.51 0.00	35.88 1.00 -0.47	34.29 0.94 -0.96	34.21 0.94 -0.81	36.00 1.02 0.00	39.03 0.99 0.00	43.79 0.73 0.00	52.83 0.63 0.00	62.89 0.62 0.00	56.45 0.50 0.00	49.38 0.44 0.00	44.68 0.44 0.00	41.22 0.77 0.00	39.62 1.00 0.00	37.21 0.87 0.00
BETHLEHEM___GS3 323562	33.88 0.56 -4.01	33.34 0.51 -5.82	32.74 0.51 -5.41	31.53 0.57 -3.93	31.81 0.60 -2.56	33.49 0.72 0.00	43.88 0.61 0.00	52.01 0.72 0.00	45.02 0.58 0.00	37.28 0.51 0.00	35.88 1.00 -0.47	34.29 0.94 -0.96	34.21 0.94 -0.81	36.00 1.02 0.00	39.03 0.99 0.00	43.79 0.73 0.00	52.83 0.63 0.00	62.89 0.62 0.00	56.45 0.50 0.00	49.38 0.44 0.00	44.68 0.44 0.00	41.22 0.77 0.00	39.62 1.00 0.00	37.21 0.87 0.00
BETHLEHEM___STEEL 23779	27.56 -2.26 -0.50	25.49 -2.24 -0.73	25.27 -2.23 -0.68	25.36 -2.16 -0.49	26.76 -2.21 -0.32	31.00 -1.77 0.00	41.15 -2.12 0.00	47.95 -3.33 0.00	41.78 -2.67 0.00	35.22 -1.54 0.00	32.75 -1.65 0.00	30.67 -1.75 -0.03	30.33 -2.17 -0.04	33.13 -1.85 0.00	36.18 -1.86 0.00	40.39 -2.67 0.00	49.07 -3.13 0.00	58.59 -3.67 0.00	53.03 -2.91 0.00	46.55 -2.40 0.00	42.25 -1.99 0.00	37.75 -2.71 0.00	36.38 -2.24 0.00	34.99 -1.34 0.00
BETHLHEM_115KV_TB1 79974	33.73 0.41 -4.00	33.17 0.35 -5.81	32.63 0.40 -5.41	31.41 0.46 -3.92	31.66 0.46 -2.56	33.29 0.52 0.00	43.97 0.69 0.00	52.11 0.82 0.00	45.16 0.71 0.00	37.35 0.59 0.00	35.87 1.00 -0.47	34.28 0.94 -0.96	34.21 0.94 -0.80	36.00 1.01 0.00	39.07 1.03 0.00	43.87 0.82 0.00	52.93 0.73 0.00	63.07 0.81 0.00	56.61 0.67 0.00	49.53 0.59 0.00	44.82 0.58 0.00	41.35 0.89 0.00	39.66 1.04 0.00	37.25 0.91 0.00
BETHPAGE_CC_5 323564	34.73 2.02 -3.39	33.69 1.75 -4.92	32.87 1.47 -4.58	31.70 1.35 -3.32	32.33 1.52 -2.17	35.22 2.46 0.00	46.96 3.68 -0.01	55.34 4.05 0.00	48.36 3.91 0.00	40.15 3.38 -0.01	39.00 3.20 -1.39	37.69 2.98 -2.33	37.09 2.95 -1.67	38.21 3.22 -0.01	45.50 3.31 -4.15	49.01 3.66 -2.30	56.65 3.97 -0.48	66.70 4.42 -0.01	60.34 3.91 -0.48	59.23 3.62 -6.67	56.73 3.19 -9.31	48.23 3.20 -4.58	41.68 3.05 -0.01	38.88 2.54 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.48 -2.35 -0.51	25.42 -2.32 -0.74	25.20 -2.31 -0.68	25.28 -2.24 -0.50	26.68 -2.29 -0.32	31.09 -1.67 0.00	41.33 -1.95 0.00	48.16 -3.13 0.00	42.00 -2.44 0.00	35.40 -1.36 0.00	32.89 -1.51 0.00	30.76 -1.65 -0.03	30.27 -2.24 -0.04	33.27 -1.71 0.00	36.33 -1.71 0.00	40.60 -2.45 0.00	49.33 -2.87 0.00	58.96 -3.30 0.00	53.37 -2.57 0.00	46.84 -2.10 0.00	42.47 -1.77 0.00	37.95 -2.51 0.00	36.54 -2.09 0.00	35.18 -1.16 0.00

BINGHAMTON___COGEN 23790	30.32 -0.03 -1.04	28.49 -0.03 -1.51	28.17 -0.05 -1.40	28.02 -0.03 -1.02	29.28 -0.03 -0.66	32.99 0.23 0.00	43.71 0.43 0.00	51.85 0.56 0.00	44.89 0.44 0.00	37.24 0.48 0.00	34.48 0.28 0.20	32.37 0.23 0.25	32.42 0.06 0.11	35.27 0.28 0.00	38.34 0.30 0.00	43.27 0.22 0.00	52.62 0.42 0.00	62.95 0.68 0.00	56.61 0.67 0.00	49.48 0.54 0.00	44.73 0.49 0.00	40.70 0.24 0.00	38.78 0.15 0.00	36.56 0.22 0.00
BIXINCNT_115KV_LOAD 355685	26.42 -3.43 -0.53	24.35 -3.43 -0.78	24.16 -3.38 -0.72	24.26 -3.30 -0.52	25.69 -3.29 -0.34	30.54 -2.23 0.00	40.98 -2.29 0.00	48.01 -3.28 0.00	41.96 -2.49 0.00	35.37 -1.40 0.00	32.62 -1.79 0.00	30.38 -2.04 -0.03	29.52 -2.99 -0.05	33.17 -1.82 0.00	36.29 -1.75 0.00	40.60 -2.45 0.00	49.43 -2.77 0.00	59.77 -2.49 0.00	54.10 -1.85 0.00	47.57 -1.37 0.00	43.27 -0.97 0.00	38.52 -1.94 0.00	36.96 -1.66 0.00	35.54 -0.80 0.00
BLACK RIVER___HYD 24047	25.19 -0.82 3.31	22.66 -0.73 3.62	22.49 -0.70 3.64	22.68 -0.67 3.67	24.07 -0.74 3.83	29.94 -0.82 2.01	42.50 -0.78 0.00	50.88 -0.41 0.00	43.65 -0.80 0.00	35.66 -1.10 0.00	33.23 -1.17 0.00	29.01 -1.23 2.15	30.83 -1.20 0.43	33.76 -1.23 0.00	36.86 -1.18 0.00	41.98 -1.07 0.00	51.68 -0.52 0.00	61.95 -0.31 0.00	56.00 0.06 0.00	48.80 -0.15 0.00	44.29 0.04 0.00	40.13 -0.33 0.00	38.08 -0.54 0.00	35.87 -0.47 0.00
BLACKRVR_115KV_TB2 79977	25.16 -0.85 3.31	22.64 -0.76 3.62	22.49 -0.70 3.64	22.68 -0.68 3.67	24.04 -0.77 3.83	29.94 -0.82 2.01	42.50 -0.78 0.00	50.88 -0.41 0.00	43.64 -0.80 0.00	35.66 -1.10 0.00	33.23 -1.17 0.00	29.01 -1.23 2.15	30.83 -1.20 0.43	33.76 -1.22 0.00	36.86 -1.18 0.00	41.98 -1.08 0.00	51.68 -0.52 0.00	61.95 -0.31 0.00	56.00 0.06 0.00	48.80 -0.15 0.00	44.24 0.00 0.00	40.13 -0.32 0.00	38.08 -0.54 0.00	35.87 -0.47 0.00
BLISS_WT_PWR 323608	26.15 -3.69 -0.53	24.11 -3.67 -0.78	23.95 -3.59 -0.72	24.07 -3.49 -0.52	25.43 -3.55 -0.34	30.08 -2.69 0.00	40.76 -2.51 0.00	47.65 -3.64 0.00	41.73 -2.71 0.00	35.22 -1.54 0.00	32.37 -2.03 0.00	29.92 -2.49 -0.03	29.26 -3.25 -0.04	32.99 -1.99 0.00	36.18 -1.86 0.00	40.47 -2.58 0.00	49.33 -2.87 0.00	59.71 -2.56 0.00	54.04 -1.90 0.00	47.57 -1.37 0.00	43.31 -0.93 0.00	38.76 -1.70 0.00	37.19 -1.43 0.00	35.54 -0.80 0.00
BLUESTONE___WT_PWR 323821	31.71 1.29 -1.11	29.87 1.24 -1.61	29.56 1.23 -1.50	29.42 1.30 -1.09	30.70 1.35 -0.71	34.57 1.80 0.00	46.22 2.94 0.00	55.24 3.95 0.00	47.60 3.16 0.00	39.15 2.39 0.00	36.19 1.99 0.21	33.81 1.68 0.26	33.97 1.62 0.12	37.05 2.06 0.00	40.40 2.36 0.00	45.85 2.80 0.00	56.01 3.81 0.00	67.06 4.79 0.00	60.31 4.37 0.00	52.57 3.62 0.00	47.47 3.23 0.00	43.13 2.67 0.00	40.86 2.24 0.00	38.45 2.11 0.00
BLUE_CIRC_CHEM_DRP 24182	33.97 0.70 -3.95	33.41 0.68 -5.73	32.85 0.70 -5.33	31.63 0.73 -3.87	31.91 0.74 -2.52	33.62 0.85 0.00	44.40 1.13 0.00	52.57 1.28 0.00	45.47 1.02 0.00	37.53 0.77 0.00	35.87 0.96 -0.50	34.29 0.91 -1.00	34.16 0.88 -0.83	35.97 0.98 0.00	39.11 1.07 0.00	44.18 1.12 0.00	53.40 1.20 0.00	63.70 1.43 0.00	57.17 1.23 0.00	50.02 1.08 0.00	45.26 1.02 0.00	41.63 1.17 0.00	39.86 1.24 0.00	37.46 1.13 0.00
BOC_GAS_DRP 24189	33.86 0.56 -3.99	33.31 0.51 -5.79	32.75 0.54 -5.39	31.51 0.57 -3.91	31.80 0.60 -2.55	33.45 0.69 0.00	44.23 0.95 0.00	52.42 1.13 0.00	45.42 0.98 0.00	37.57 0.81 0.00	35.83 0.96 -0.46	34.23 0.91 -0.94	34.16 0.91 -0.79	35.97 0.98 0.00	39.03 0.99 0.00	44.09 1.03 0.00	53.24 1.04 0.00	63.45 1.18 0.00	56.95 1.01 0.00	49.87 0.93 0.00	45.04 0.80 0.00	41.43 0.97 0.00	39.59 0.97 0.00	37.21 0.87 0.00
BOONVILLE_115KV_TB1 79983	27.69 0.00 1.63	25.23 0.00 1.77	25.09 0.05 1.79	25.27 0.05 1.81	26.81 0.06 1.90	31.86 0.10 1.00	43.62 0.35 0.00	52.06 0.77 0.00	44.93 0.49 0.00	36.91 0.15 0.00	34.47 0.07 0.00	31.27 -0.03 1.08	32.25 0.00 0.22	35.06 0.07 0.00	38.27 0.23 0.00	43.44 0.39 0.00	53.14 0.94 0.00	63.51 1.25 0.00	57.17 1.23 0.00	49.87 0.93 0.00	45.13 0.88 0.00	41.11 0.65 0.00	39.12 0.50 0.00	36.85 0.51 0.00
BORALEX_4TH_BRANCH 23824	34.98 1.67 -4.00	34.40 1.59 -5.80	33.77 1.56 -5.40	32.51 1.57 -3.91	32.86 1.66 -2.56	34.80 2.03 0.00	46.00 2.73 0.00	54.62 3.33 0.00	47.24 2.80 0.00	39.04 2.28 0.00	37.07 2.13 -0.53	35.47 2.04 -1.04	35.33 2.01 -0.86	37.16 2.17 0.00	40.28 2.24 0.00	45.77 2.71 0.00	55.38 3.18 0.00	65.69 3.42 0.00	58.91 2.96 0.00	51.49 2.55 0.00	46.63 2.39 0.00	42.89 2.43 0.00	40.94 2.32 0.00	38.30 1.96 0.00
BOWLINE___1 23526	34.03 1.44 -3.28	33.01 1.24 -4.76	32.37 1.13 -4.42	31.32 1.08 -3.21	31.94 1.20 -2.10	34.40 1.64 0.00	45.83 2.55 0.00	54.47 3.18 0.00	47.33 2.89 0.00	39.19 2.43 0.00	38.45 2.24 -1.81	37.42 2.07 -2.96	36.55 2.01 -2.07	37.23 2.24 0.00	40.44 2.40 0.00	45.81 2.76 0.00	55.17 2.97 0.00	65.81 3.55 0.00	58.96 3.02 0.00	51.68 2.74 0.00	46.54 2.30 0.00	42.64 2.18 0.00	40.63 2.01 0.00	38.12 1.78 0.00
BOWLINE___2 23595	34.03 1.44 -3.28	33.01 1.24 -4.76	32.37 1.13 -4.43	31.32 1.08 -3.21	31.94 1.20 -2.10	34.40 1.64 0.00	45.83 2.55 0.00	54.47 3.18 0.00	47.33 2.89 0.00	39.19 2.43 0.00	38.45 2.24 -1.81	37.42 2.07 -2.96	36.54 2.01 -2.07	37.23 2.24 0.00	40.44 2.40 0.00	45.81 2.76 0.00	55.17 2.97 0.00	65.81 3.55 0.00	58.96 3.02 0.00	51.68 2.74 0.00	46.54 2.30 0.00	42.64 2.18 0.00	40.63 2.01 0.00	38.12 1.78 0.00
BRADY___115KV_TB2 356060	11.75 -2.29 15.27	7.96 -2.11 16.95	7.77 -2.09 16.96	8.07 -2.08 16.88	9.08 -2.23 17.33	21.15 -2.75 8.86	40.12 -3.16 0.00	47.80 -3.49 0.00	40.67 -3.78 0.00	33.08 -3.68 0.01	31.06 -3.34 0.01	19.81 -3.08 9.50	27.55 -2.95 1.96	31.76 -3.22 0.01	34.96 -3.08 0.00	40.22 -2.84 0.00	49.48 -2.71 0.00	59.21 -3.05 0.00	53.37 -2.57 0.00	46.30 -2.64 0.00	42.61 -1.64 0.00	38.15 -2.31 0.00	37.04 -1.58 0.00	35.36 -0.98 0.00
BRANSCOMB___SOLAR 323811	35.00 1.58 -4.10	34.40 1.43 -5.96	33.76 1.39 -5.54	32.46 1.40 -4.02	32.73 1.46 -2.63	34.60 1.83 0.00	45.87 2.60 0.00	54.42 3.13 0.00	47.02 2.58 0.00	38.67 1.91 0.00	36.64 1.79 -0.45	34.96 1.65 -0.92	34.84 1.59 -0.79	36.77 1.78 0.00	40.06 2.01 0.00	45.51 2.45 0.00	55.12 2.92 0.00	65.75 3.48 0.00	59.07 3.13 0.00	51.63 2.69 0.00	46.67 2.43 0.00	42.72 2.26 0.00	40.71 2.08 0.00	38.23 1.89 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.02 2.32 -3.39	33.82 1.89 -4.92	33.01 1.61 -4.58	31.81 1.46 -3.32	32.56 1.75 -2.17	35.52 2.75 0.00	47.31 4.02 -0.01	55.29 4.00 0.00	48.40 3.96 0.00	40.34 3.57 -0.01	39.03 3.23 -1.39	37.82 3.11 -2.33	37.22 3.08 -1.67	38.39 3.39 -0.01	45.30 3.65 -3.61	49.23 4.18 -2.00	57.26 4.65 -0.42	67.32 5.04 -0.01	60.95 4.59 -0.42	59.05 4.31 -5.80	56.14 3.80 -8.09	48.04 3.60 -3.98	41.91 3.28 -0.01	38.92 2.58 0.00

BRISTLHL_115KV_TB1 79998	28.57 -0.59 0.16	26.40 -0.51 0.10	26.19 -0.51 0.12	26.31 -0.51 0.21	27.76 -0.57 0.31	31.87 -0.66 0.24	42.24 -1.04 0.00	50.06 -1.23 0.00	43.33 -1.11 0.00	35.88 -0.88 0.00	33.51 -0.89 0.00	31.34 -0.81 0.24	31.62 -0.81 0.03	34.08 -0.91 0.00	37.05 -0.99 0.00	41.89 -1.16 0.00	50.79 -1.41 0.00	60.71 -1.56 0.00	54.60 -1.34 0.00	47.72 -1.22 0.00	43.09 -1.15 0.00	39.28 -1.17 0.00	37.46 -1.16 0.00	35.25 -1.09 0.00
BROOKHAVEN___DRP 24191	34.90 2.20 -3.39	33.69 1.76 -4.92	32.85 1.45 -4.58	31.68 1.32 -3.32	32.42 1.60 -2.17	35.35 2.59 0.00	47.09 3.81 -0.01	55.03 3.74 0.00	48.31 3.87 0.00	40.26 3.49 -0.01	38.89 3.10 -1.39	37.76 3.04 -2.33	37.15 3.02 -1.67	38.29 3.29 -0.01	45.17 3.58 -3.55	48.77 3.75 -1.97	56.58 3.97 -0.41	66.63 4.36 -0.01	60.32 3.97 -0.41	58.42 3.77 -5.70	55.74 3.54 -7.96	47.61 3.24 -3.92	41.68 3.05 -0.01	38.66 2.33 0.00
BROOKLYN_NAVY_YARD 23515	34.43 1.73 -3.39	33.39 1.46 -4.92	32.71 1.31 -4.58	31.60 1.24 -3.32	32.16 1.35 -2.17	34.70 1.93 0.00	46.22 2.94 0.00	54.93 3.64 0.00	47.87 3.42 0.00	39.67 2.90 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.67	37.86 2.87 0.00	41.04 3.00 0.00	46.46 3.40 0.00	55.90 3.71 0.00	66.56 4.29 0.00	59.69 3.75 0.00	52.42 3.48 0.00	47.03 2.79 0.00	43.21 2.75 0.00	41.06 2.43 0.00	38.52 2.18 0.00
BROOKLYN___ARMY_DRP 323595	34.97 2.26 -3.40	33.88 1.94 -4.93	33.20 1.80 -4.59	32.08 1.73 -3.32	32.68 1.86 -2.17	34.99 2.23 0.00	46.43 3.16 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.50 3.44 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.52 0.00	46.99 2.74 0.00	43.49 3.03 0.00	41.44 2.82 0.00	38.96 2.62 -0.01
BROOKVLE_69_KV_TB1 55790	34.87 2.17 -3.39	33.74 1.81 -4.92	32.98 1.58 -4.58	31.87 1.51 -3.32	32.50 1.69 -2.17	35.19 2.42 0.00	46.88 3.59 -0.01	55.29 4.00 0.00	48.27 3.82 0.00	40.09 3.31 -0.01	38.89 3.10 -1.39	37.63 2.91 -2.33	37.03 2.89 -1.68	38.19 3.18 -0.01	47.25 3.39 -5.82	50.16 3.88 -3.22	57.15 4.28 -0.68	67.14 4.86 -0.02	60.92 4.31 -0.67	62.21 3.92 -9.35	60.62 3.32 -13.06	50.20 3.32 -6.42	41.65 3.01 -0.01	38.81 2.47 0.00
BROOME_2_LFGE 323671	30.32 -0.03 -1.04	28.49 -0.03 -1.51	28.17 -0.05 -1.40	27.99 -0.05 -1.02	29.28 -0.03 -0.66	32.93 0.16 0.00	43.75 0.48 0.00	51.80 0.51 0.00	44.89 0.44 0.00	37.24 0.48 0.00	34.48 0.27 0.20	32.34 0.20 0.25	32.38 0.03 0.11	35.27 0.28 0.00	38.34 0.30 0.00	43.27 0.22 0.00	52.61 0.42 0.00	62.95 0.69 0.00	56.62 0.67 0.00	49.48 0.54 0.00	44.73 0.49 0.00	40.74 0.29 0.00	38.82 0.19 0.00	36.56 0.22 0.00
BROOME___LFGE 323600	30.32 -0.03 -1.04	28.49 -0.03 -1.51	28.17 -0.05 -1.40	27.99 -0.05 -1.02	29.28 -0.03 -0.66	32.93 0.16 0.00	43.75 0.48 0.00	51.80 0.51 0.00	44.89 0.44 0.00	37.24 0.48 0.00	34.48 0.27 0.20	32.34 0.20 0.25	32.38 0.03 0.11	35.27 0.28 0.00	38.34 0.30 0.00	43.27 0.22 0.00	52.61 0.42 0.00	62.95 0.69 0.00	56.62 0.67 0.00	49.48 0.54 0.00	44.73 0.49 0.00	40.74 0.29 0.00	38.82 0.19 0.00	36.56 0.22 0.00
BROWNFLS_115KV_TB_3_5 80003	18.49 -1.82 9.00	15.37 -1.67 9.97	15.20 -1.64 9.98	15.45 -1.62 9.96	16.65 -1.75 10.25	25.44 -2.06 5.26	40.89 -2.38 0.00	48.83 -2.46 0.00	41.78 -2.67 0.00	34.11 -2.65 0.00	31.92 -2.48 0.00	24.38 -2.36 5.64	29.03 -2.27 1.16	32.53 -2.45 0.00	35.64 -2.40 0.00	40.77 -2.28 0.00	50.32 -1.88 0.00	60.21 -2.05 0.00	54.26 -1.68 0.00	47.18 -1.76 0.00	43.14 -1.11 0.00	38.88 -1.58 0.00	37.35 -1.27 0.00	35.39 -0.94 0.00
BROWNSV1_27_KV_LOAD 356125	34.82 2.11 -3.39	33.71 1.78 -4.92	33.04 1.64 -4.58	31.95 1.59 -3.32	32.50 1.69 -2.17	35.03 2.26 0.00	46.69 3.42 0.00	55.39 4.10 0.00	48.31 3.87 0.00	40.00 3.24 0.00	38.90 3.10 -1.39	37.60 2.88 -2.33	36.95 2.82 -1.67	38.14 3.15 0.00	41.39 3.35 0.00	46.89 3.83 0.00	56.43 4.23 0.00	67.18 4.92 0.00	60.25 4.31 0.00	52.91 3.96 0.00	47.47 3.23 0.00	43.69 3.24 0.00	41.52 2.90 0.00	38.85 2.51 0.00
BURROWS___LYONSDAL 23803	26.76 -0.29 2.26	24.29 -0.24 2.48	24.12 -0.21 2.49	24.33 -0.19 2.51	25.83 -0.20 2.62	31.20 -0.20 1.37	43.23 -0.04 0.00	51.60 0.31 0.00	44.49 0.04 0.00	36.50 -0.26 0.00	34.09 -0.31 0.00	30.52 -0.39 1.47	31.81 -0.36 0.30	34.67 -0.31 0.00	37.85 -0.19 0.00	43.01 -0.04 0.00	52.82 0.63 0.00	63.14 0.87 0.00	56.84 0.90 0.00	49.58 0.64 0.00	44.91 0.66 0.00	40.86 0.40 0.00	38.89 0.27 0.00	36.63 0.29 0.00
CAITHNESS_CC_1 323624	34.58 1.88 -3.39	33.61 1.68 -4.92	32.77 1.37 -4.58	31.57 1.22 -3.32	32.22 1.40 -2.17	35.19 2.42 0.00	46.92 3.64 -0.01	55.08 3.80 0.00	48.31 3.86 0.00	40.15 3.38 -0.01	38.89 3.10 -1.39	37.69 2.98 -2.33	37.09 2.95 -1.67	38.18 3.18 -0.01	45.05 3.46 -3.55	48.77 3.74 -1.96	56.53 3.92 -0.41	66.63 4.36 -0.01	60.32 3.97 -0.41	58.36 3.72 -5.70	55.65 3.45 -7.96	47.49 3.12 -3.91	41.53 2.90 -0.01	38.70 2.36 0.00
CALPINE BETH_PAGE_GT4 24209	34.90 2.20 -3.39	33.74 1.81 -4.92	32.96 1.56 -4.58	31.81 1.46 -3.32	32.50 1.69 -2.17	35.32 2.56 0.00	47.05 3.76 -0.01	55.13 3.85 0.00	48.18 3.73 0.00	40.12 3.35 -0.01	38.86 3.06 -1.39	37.63 2.91 -2.33	37.03 2.89 -1.67	38.15 3.15 -0.01	45.85 3.39 -4.42	49.21 3.70 -2.45	56.73 4.02 -0.51	66.76 4.48 -0.01	60.42 3.97 -0.51	59.72 3.67 -7.10	57.34 3.19 -9.91	48.69 3.36 -4.88	41.76 3.13 -0.01	38.81 2.47 0.00
CALPINE_BETH_PAGE_GT_4 323586	34.73 2.02 -3.39	33.69 1.75 -4.92	32.87 1.47 -4.58	31.70 1.35 -3.32	32.36 1.55 -2.17	35.22 2.46 0.00	47.01 3.72 -0.01	55.39 4.10 0.00	48.40 3.95 0.00	40.15 3.38 -0.01	39.00 3.20 -1.39	37.69 2.98 -2.33	37.09 2.95 -1.67	38.22 3.22 -0.01	45.85 3.38 -4.42	49.21 3.70 -2.45	56.68 3.97 -0.51	66.76 4.49 -0.01	60.42 3.97 -0.51	59.72 3.67 -7.10	57.34 3.19 -9.91	48.57 3.24 -4.88	41.68 3.05 -0.01	38.88 2.54 0.00
CALPINE_BP_GT1 23823	34.73 2.02 -3.39	33.69 1.75 -4.92	32.87 1.47 -4.58	31.70 1.35 -3.32	32.36 1.55 -2.17	35.22 2.46 0.00	47.01 3.72 -0.01	55.39 4.10 0.00	48.40 3.95 0.00	40.15 3.38 -0.01	39.00 3.20 -1.39	37.69 2.98 -2.33	37.09 2.95 -1.67	38.22 3.22 -0.01	45.85 3.38 -4.42	49.21 3.70 -2.45	56.68 3.97 -0.51	66.76 4.49 -0.01	60.42 3.97 -0.51	59.72 3.67 -7.10	57.34 3.19 -9.91	48.57 3.24 -4.88	41.68 3.05 -0.01	38.88 2.54 0.00
CALSPAN___DRP 24200	27.56 -2.26 -0.50	25.49 -2.24 -0.73	25.27 -2.23 -0.68	25.36 -2.16 -0.49	26.76 -2.21 -0.32	31.00 -1.77 0.00	41.15 -2.12 0.00	47.95 -3.33 0.00	41.78 -2.67 0.00	35.22 -1.54 0.00	32.75 -1.65 0.00	30.67 -1.75 -0.03	30.33 -2.17 -0.04	33.13 -1.85 0.00	36.18 -1.86 0.00	40.39 -2.67 0.00	49.07 -3.13 0.00	58.59 -3.67 0.00	53.03 -2.91 0.00	46.55 -2.40 0.00	42.25 -1.99 0.00	37.75 -2.71 0.00	36.38 -2.24 0.00	34.99 -1.34 0.00

CALVERTON___SOLAR 323806	34.67 1.96 -3.39	33.69 1.75 -4.92	32.82 1.42 -4.58	31.60 1.24 -3.32	32.27 1.46 -2.17	35.29 2.52 0.00	47.09 3.81 -0.01	55.24 3.95 0.00	48.53 4.09 0.00	40.34 3.56 -0.01	39.00 3.20 -1.39	37.79 3.08 -2.33	37.18 3.05 -1.67	38.32 3.33 -0.01	45.21 3.62 -3.55	48.77 3.74 -1.97	56.53 3.92 -0.41	66.70 4.42 -0.01	60.38 4.03 -0.41	58.42 3.77 -5.70	55.83 3.63 -7.96	47.57 3.20 -3.92	41.64 3.01 -0.01	38.77 2.43 0.00
CANDIGU_WT_PWR 323617	28.25 -1.76 -0.70	26.34 -1.67 -1.01	26.10 -1.66 -0.94	26.09 -1.62 -0.68	27.43 -1.66 -0.45	31.49 -1.28 0.00	42.15 -1.13 0.00	49.70 -1.59 0.00	43.20 -1.24 0.00	36.14 -0.63 0.00	33.48 -0.93 0.00	31.39 -1.04 -0.04	31.13 -1.39 -0.06	34.04 -0.94 0.00	37.09 -0.95 0.00	41.68 -1.38 0.00	50.79 -1.41 0.00	60.95 -1.31 0.00	54.99 -0.95 0.00	48.11 -0.83 0.00	43.67 -0.58 0.00	39.45 -1.01 0.00	37.73 -0.89 0.00	35.79 -0.54 0.00
CARR STREET_E_SYR 24060	28.99 -0.29 0.03	26.81 -0.27 -0.07	26.59 -0.27 -0.04	26.69 -0.27 0.07	28.19 -0.29 0.17	32.22 -0.36 0.18	42.76 -0.52 0.00	50.62 -0.67 0.00	43.86 -0.58 0.00	36.36 -0.40 0.00	33.92 -0.48 0.00	31.79 -0.42 0.18	31.99 -0.45 0.02	34.53 -0.46 0.00	37.51 -0.53 0.00	42.37 -0.69 0.00	51.42 -0.78 0.00	61.39 -0.87 0.00	55.21 -0.73 0.00	48.21 -0.73 0.00	43.58 -0.66 0.00	39.73 -0.73 0.00	37.89 -0.73 0.00	35.65 -0.69 0.00
CARTHAGE___PAPER 23857	24.35 -1.05 3.91	21.75 -0.97 4.29	21.60 -0.91 4.31	21.77 -0.92 4.34	23.17 -0.97 4.50	29.30 -1.11 2.35	42.15 -1.13 0.00	50.42 -0.87 0.00	43.25 -1.20 0.00	35.29 -1.47 0.00	32.92 -1.48 0.00	28.38 -1.49 2.51	30.49 -1.46 0.51	33.48 -1.50 0.00	36.59 -1.45 0.00	41.72 -1.34 0.00	51.52 -0.68 0.00	61.70 -0.56 0.00	55.72 -0.22 0.00	48.55 -0.39 0.00	44.11 -0.13 0.00	39.97 -0.48 0.00	38.04 -0.58 0.00	35.83 -0.51 0.00
CASSADAGA_WT_PWR 323784	26.88 -2.96 -0.52	24.82 -2.94 -0.76	24.71 -2.82 -0.71	24.95 -2.60 -0.51	26.40 -2.58 -0.33	30.90 -1.87 0.00	41.72 -1.56 0.00	48.78 -2.51 0.00	42.58 -1.86 0.00	35.81 -0.96 0.00	33.13 -1.27 0.00	30.83 -1.59 -0.03	30.36 -2.14 -0.04	33.45 -1.54 0.00	36.71 -1.33 0.00	41.21 -1.85 0.00	50.53 -1.67 0.00	60.52 -1.74 0.00	54.71 -1.23 0.00	48.01 -0.93 0.00	43.62 -0.62 0.00	39.04 -1.42 0.00	37.58 -1.04 0.00	35.87 -0.47 0.00
CE_DUNWOOD___DRP 24194	34.43 1.73 -3.38	33.35 1.43 -4.91	32.73 1.34 -4.57	31.64 1.30 -3.32	32.21 1.40 -2.16	34.60 1.83 0.00	46.09 2.81 0.00	54.67 3.39 0.00	47.60 3.16 0.00	39.37 2.61 0.00	38.39 2.48 -1.51	37.19 2.30 -2.51	36.51 2.27 -1.78	37.47 2.48 0.00	40.70 2.66 0.00	46.16 3.10 0.00	55.54 3.34 0.00	66.19 3.92 0.00	59.36 3.41 0.00	52.03 3.08 0.00	46.81 2.57 0.00	43.13 2.67 0.00	40.98 2.36 0.00	38.34 2.00 0.00
CE_MILLWOOD___DRP 24193	34.30 1.64 -3.35	33.27 1.40 -4.86	32.63 1.29 -4.52	31.58 1.27 -3.28	32.16 1.37 -2.14	34.57 1.80 0.00	46.00 2.73 0.00	54.57 3.28 0.00	47.51 3.07 0.00	39.30 2.54 0.00	38.32 2.37 -1.54	37.17 2.23 -2.55	36.45 2.17 -1.81	37.40 2.41 0.00	40.63 2.59 0.00	46.03 2.97 0.00	55.43 3.24 0.00	66.06 3.80 0.00	59.24 3.30 0.00	51.93 2.99 0.00	46.72 2.48 0.00	42.97 2.51 0.00	40.86 2.24 0.00	38.26 1.93 0.00
CE_NYC2_DRP 24202	34.79 2.08 -3.40	33.69 1.76 -4.93	33.04 1.64 -4.59	31.95 1.59 -3.32	32.50 1.69 -2.17	34.86 2.10 0.00	46.30 3.03 0.00	54.83 3.54 0.00	47.87 3.42 0.00	39.67 2.90 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.72 2.60 -1.66	37.86 2.87 0.00	41.05 3.01 0.00	46.50 3.44 0.00	55.96 3.76 0.00	66.56 4.30 0.00	59.69 3.75 0.00	52.42 3.48 0.00	47.03 2.79 0.00	43.41 2.95 0.00	41.32 2.70 0.00	38.82 2.47 -0.01
CE_NYC_DRP 24195	34.64 1.93 -3.39	33.55 1.62 -4.92	32.90 1.50 -4.58	31.79 1.43 -3.32	32.36 1.55 -2.17	34.83 2.06 0.00	46.39 3.12 0.00	55.03 3.74 0.00	48.00 3.56 0.00	39.74 2.98 0.00	38.69 2.89 -1.39	37.40 2.69 -2.33	36.76 2.63 -1.67	37.89 2.90 0.00	41.12 3.08 0.00	46.59 3.53 0.00	56.06 3.86 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.52 3.57 0.00	47.12 2.88 0.00	43.41 2.95 0.00	41.25 2.63 0.00	38.59 2.25 0.00
CHAFFEE___LFGE 323603	27.63 -2.20 -0.52	25.60 -2.16 -0.75	25.40 -2.12 -0.70	25.48 -2.06 -0.51	26.77 -2.21 -0.33	30.96 -1.80 0.00	41.46 -1.82 0.00	48.16 -3.13 0.00	42.04 -2.40 0.00	35.44 -1.32 0.00	32.86 -1.55 0.00	30.70 -1.72 -0.03	30.33 -2.17 -0.04	33.31 -1.68 0.00	36.37 -1.67 0.00	40.60 -2.45 0.00	49.43 -2.77 0.00	59.02 -3.24 0.00	53.37 -2.57 0.00	46.84 -2.10 0.00	42.56 -1.68 0.00	38.23 -2.23 0.00	36.81 -1.81 0.00	35.14 -1.20 0.00
CHATEAUG_35_KV_LOAD 355732	9.59 -3.17 16.56	5.64 -2.97 18.39	5.44 -2.98 18.40	5.71 -3.03 18.29	6.62 -3.27 18.75	19.20 -4.00 9.57	38.38 -4.89 0.00	45.70 -5.59 0.00	39.02 -5.42 0.00	31.83 -4.93 0.01	29.89 -4.51 0.01	17.94 -4.18 10.27	26.32 -4.03 2.12	30.64 -4.34 0.01	33.74 -4.30 0.00	39.01 -4.05 0.00	48.07 -4.12 0.00	57.47 -4.79 0.00	51.75 -4.20 0.00	44.93 -4.01 0.00	41.45 -2.79 0.00	37.14 -3.32 0.00	36.27 -2.36 0.00	34.70 -1.64 0.00
CHATEAUG_WT_PWR 323614	9.24 -3.19 16.88	5.26 -3.00 18.75	5.08 -2.98 18.76	5.35 -3.03 18.65	6.20 -3.32 19.12	18.98 -4.03 9.76	38.30 -4.98 0.00	45.59 -5.69 0.00	39.02 -5.42 0.00	31.83 -4.93 0.01	29.85 -4.54 0.01	17.71 -4.21 10.46	26.28 -4.03 2.16	30.64 -4.34 0.01	33.74 -4.30 0.00	39.05 -4.00 0.00	48.07 -4.12 0.00	57.41 -4.86 0.00	51.69 -4.25 0.00	44.93 -4.01 0.00	41.46 -2.79 0.00	37.14 -3.32 0.00	36.26 -2.36 0.00	34.74 -1.60 0.00
CHAT_HIGH_FALL_HYD 323578	9.59 -3.17 16.56	5.64 -2.97 18.39	5.44 -2.98 18.40	5.71 -3.03 18.29	6.62 -3.27 18.75	19.20 -4.00 9.57	38.38 -4.89 0.00	45.70 -5.59 0.00	39.02 -5.42 0.00	31.83 -4.93 0.01	29.89 -4.51 0.01	17.94 -4.18 10.27	26.32 -4.03 2.12	30.64 -4.34 0.01	33.74 -4.30 0.00	39.01 -4.05 0.00	48.07 -4.12 0.00	57.47 -4.79 0.00	51.75 -4.20 0.00	44.93 -4.01 0.00	41.45 -2.79 0.00	37.14 -3.32 0.00	36.27 -2.36 0.00	34.70 -1.64 0.00
CHAUTAUQUA___LFGE 323629	27.45 -2.37 -0.51	25.40 -2.35 -0.74	25.26 -2.25 -0.69	25.39 -2.14 -0.50	26.79 -2.18 -0.33	30.96 -1.80 0.00	41.59 -1.69 0.00	48.42 -2.87 0.00	42.27 -2.18 0.00	35.58 -1.18 0.00	32.99 -1.41 0.00	30.80 -1.62 -0.03	30.49 -2.01 -0.04	33.38 -1.61 0.00	36.52 -1.52 0.00	40.86 -2.19 0.00	49.90 -2.30 0.00	59.59 -2.68 0.00	53.93 -2.01 0.00	47.33 -1.61 0.00	42.96 -1.28 0.00	38.56 -1.90 0.00	37.11 -1.51 0.00	35.43 -0.91 0.00
CHERRYST_13_KV_LD 356241	34.70 1.99 -3.39	33.60 1.67 -4.92	32.95 1.56 -4.58	31.84 1.49 -3.32	32.42 1.60 -2.17	34.90 2.13 0.00	46.52 3.25 0.00	55.19 3.90 0.00	48.13 3.69 0.00	39.89 3.12 0.00	38.79 2.99 -1.39	37.50 2.79 -2.33	36.85 2.73 -1.67	38.03 3.04 0.00	41.24 3.20 0.00	46.72 3.66 0.00	56.27 4.07 0.00	66.93 4.67 0.00	59.97 4.03 0.00	52.66 3.72 0.00	47.25 3.01 0.00	43.49 3.03 0.00	41.32 2.70 0.00	38.66 2.33 0.00

CHESTROR_138KV_BK263 355645	33.80 1.35 -3.14	32.72 1.16 -4.55	32.13 1.07 -4.24	31.16 1.05 -3.07	31.80 1.15 -2.01	34.27 1.51 0.00	45.61 2.34 0.00	54.11 2.82 0.00	47.02 2.58 0.00	38.86 2.10 0.00	41.22 1.93 -4.89	41.82 1.78 -7.65	39.29 1.72 -5.11	36.91 1.92 0.00	40.13 2.09 0.00	45.51 2.45 0.00	54.81 2.61 0.00	65.38 3.11 0.00	58.63 2.69 0.00	51.39 2.45 0.00	46.28 2.04 0.00	42.48 2.02 0.00	40.47 1.85 0.00	37.90 1.56 0.00
CH_MIDHUDSON___DRP 24192	34.29 1.55 -3.42	33.35 1.38 -4.96	32.73 1.29 -4.62	31.65 1.27 -3.35	32.21 1.37 -2.19	34.53 1.77 0.00	45.91 2.64 0.00	54.47 3.18 0.00	47.33 2.89 0.00	39.04 2.28 0.00	37.74 2.13 -1.21	36.40 1.98 -2.04	35.89 1.95 -1.48	37.12 2.13 0.00	40.40 2.36 0.00	45.86 2.80 0.00	55.23 3.03 0.00	65.81 3.55 0.00	59.02 3.08 0.00	51.73 2.79 0.00	46.59 2.34 0.00	42.80 2.35 0.00	40.75 2.12 0.00	38.19 1.85 0.00
CH_MISC_IPPS 23765	34.33 1.64 -3.37	33.33 1.43 -4.90	32.71 1.34 -4.55	31.63 1.30 -3.30	32.23 1.43 -2.16	34.70 1.93 0.00	46.17 2.90 0.00	54.78 3.49 0.00	47.60 3.16 0.00	39.19 2.43 0.00	38.00 2.24 -1.36	36.71 2.04 -2.28	36.11 2.01 -1.63	37.23 2.24 0.00	40.55 2.51 0.00	46.11 3.06 0.00	55.49 3.29 0.00	66.19 3.92 0.00	59.36 3.41 0.00	52.03 3.09 0.00	46.85 2.61 0.00	42.93 2.47 0.00	40.86 2.24 0.00	38.37 2.03 0.00
CH_RES_BVR_FALLS 23983	8.03 -1.64 19.64	3.68 -1.51 21.82	3.49 -1.50 21.83	3.82 -1.51 21.70	4.77 -1.63 22.25	19.48 -1.93 11.35	40.89 -2.38 0.00	48.62 -2.67 0.00	41.91 -2.53 0.00	34.44 -2.31 0.01	32.30 -2.10 0.01	18.27 -1.94 12.17	28.04 -1.92 2.51	32.88 -2.10 0.01	35.95 -2.09 0.00	40.99 -2.07 0.00	50.01 -2.19 0.00	59.71 -2.56 0.00	53.70 -2.24 0.00	46.84 -2.10 0.00	42.69 -1.55 0.00	38.76 -1.70 0.00	37.35 -1.27 0.00	35.39 -0.95 0.00
CH_RES_NIAGARA 23895	27.49 -2.29 -0.46	25.41 -2.27 -0.67	25.19 -2.25 -0.63	25.30 -2.19 -0.45	26.65 -2.29 -0.30	30.18 -2.59 0.00	39.86 -3.42 0.00	46.26 -5.03 0.00	40.31 -4.13 0.00	34.04 -2.72 0.00	31.72 -2.68 0.00	29.76 -2.66 -0.03	29.90 -2.60 -0.04	32.08 -2.90 0.00	34.92 -3.12 0.00	38.97 -4.09 0.00	47.19 -5.01 0.00	56.10 -6.16 0.00	50.91 -5.03 0.00	44.69 -4.26 0.00	40.57 -3.67 0.00	36.29 -4.17 0.00	35.11 -3.51 0.00	33.90 -2.43 0.00
CH_RES_SYRACUSE 23985	29.23 -0.12 -0.04	27.05 -0.11 -0.15	26.83 -0.11 -0.12	26.92 -0.11 0.00	28.39 -0.14 0.12	32.41 -0.20 0.16	43.02 -0.26 0.00	50.93 -0.36 0.00	44.14 -0.31 0.00	36.54 -0.22 0.00	34.09 -0.31 0.00	31.94 -0.29 0.15	32.16 -0.29 0.01	34.71 -0.28 0.00	37.70 -0.34 0.00	42.63 -0.43 0.00	51.73 -0.47 0.00	61.83 -0.43 0.00	55.61 -0.33 0.00	48.55 -0.39 0.00	43.89 -0.36 0.00	40.01 -0.44 0.00	38.12 -0.50 0.00	35.87 -0.47 0.00
CLINTON_WT_PWR 323605	9.24 -3.19 16.88	5.26 -3.00 18.75	5.08 -2.98 18.76	5.35 -3.03 18.65	6.20 -3.32 19.12	18.98 -4.03 9.76	38.30 -4.98 0.00	45.59 -5.69 0.00	39.02 -5.42 0.00	31.83 -4.93 0.01	29.85 -4.54 0.01	17.71 -4.21 10.46	26.28 -4.03 2.16	30.64 -4.34 0.01	33.74 -4.30 0.00	39.05 -4.00 0.00	48.07 -4.12 0.00	57.41 -4.86 0.00	51.69 -4.25 0.00	44.93 -4.01 0.00	41.46 -2.79 0.00	37.14 -3.32 0.00	36.26 -2.36 0.00	34.74 -1.60 0.00
CLINTON___LFGE 323618	9.70 -2.81 16.80	5.70 -2.65 18.66	5.50 -2.66 18.67	5.77 -2.70 18.56	6.67 -2.95 19.02	19.49 -3.57 9.71	38.99 -4.28 0.00	46.41 -4.87 0.00	39.69 -4.75 0.00	32.34 -4.41 0.01	30.34 -4.06 0.01	18.22 -3.76 10.41	26.74 -3.57 2.15	31.13 -3.85 0.01	34.35 -3.69 0.00	39.74 -3.31 0.00	49.01 -3.19 0.00	58.59 -3.67 0.00	52.76 -3.19 0.00	45.76 -3.18 0.00	42.25 -1.99 0.00	37.75 -2.71 0.00	36.81 -1.81 0.00	35.25 -1.09 0.00
COBBLENY_34_KV_TB1 80064	27.60 -2.23 -0.52	25.52 -2.24 -0.75	25.29 -2.23 -0.70	25.38 -2.16 -0.51	26.77 -2.21 -0.33	31.13 -1.64 0.00	41.37 -1.90 0.00	48.26 -3.03 0.00	42.04 -2.40 0.00	35.40 -1.36 0.00	32.89 -1.51 0.00	30.80 -1.62 -0.03	30.36 -2.14 -0.04	33.31 -1.68 0.00	36.37 -1.67 0.00	40.60 -2.45 0.00	49.38 -2.82 0.00	59.03 -3.24 0.00	53.37 -2.57 0.00	46.84 -2.10 0.00	42.52 -1.73 0.00	37.95 -2.51 0.00	36.54 -2.09 0.00	35.14 -1.20 0.00
COFFEEN___115KV_TB3 355620	25.47 -0.64 3.20	22.94 -0.57 3.50	22.80 -0.51 3.52	22.99 -0.49 3.56	24.36 -0.57 3.71	30.23 -0.59 1.95	42.84 -0.43 0.00	51.34 0.05 0.00	43.96 -0.49 0.00	35.92 -0.85 0.00	33.44 -0.96 0.00	29.23 -1.07 2.08	31.04 -1.01 0.42	33.97 -1.01 0.00	37.13 -0.91 0.00	42.28 -0.78 0.00	52.09 -0.10 0.00	62.51 0.25 0.00	56.50 0.56 0.00	49.24 0.29 0.00	44.64 0.40 0.00	40.46 0.00 0.00	38.35 -0.27 0.00	36.08 -0.25 0.00
COLDSPRG_115KV_BK1 355956	27.37 -2.49 -0.54	25.26 -2.54 -0.79	25.09 -2.47 -0.73	25.24 -2.32 -0.53	26.70 -2.29 -0.35	31.85 -0.92 0.00	42.67 -0.61 0.00	50.06 -1.23 0.00	43.60 -0.84 0.00	36.69 -0.07 0.00	33.96 -0.45 0.00	31.67 -0.74 -0.03	30.72 -1.79 -0.05	34.25 -0.73 0.00	37.47 -0.57 0.00	41.89 -1.16 0.00	51.15 -1.04 0.00	61.45 -0.81 0.00	55.44 -0.50 0.00	48.65 -0.29 0.00	44.15 -0.09 0.00	39.33 -1.13 0.00	37.73 -0.89 0.00	36.19 -0.15 0.00
COLONIE_LFGE___ 323577	34.55 1.17 -4.06	33.98 1.08 -5.89	33.38 1.07 -5.48	32.09 1.08 -3.98	32.39 1.15 -2.60	34.17 1.41 0.00	45.18 1.90 0.00	53.60 2.31 0.00	46.40 1.95 0.00	38.31 1.54 0.00	36.39 1.51 -0.47	34.77 1.42 -0.96	34.67 1.39 -0.81	36.53 1.54 0.00	39.68 1.63 0.00	44.95 1.89 0.00	54.39 2.19 0.00	64.69 2.43 0.00	58.07 2.13 0.00	50.80 1.86 0.00	45.92 1.68 0.00	42.20 1.74 0.00	40.28 1.66 0.00	37.79 1.46 0.00
COOPERNY_115KV_TB1 80082	32.29 0.70 -2.27	30.93 0.62 -3.30	30.48 0.59 -3.07	29.85 0.59 -2.23	30.73 0.63 -1.45	33.58 0.82 0.00	44.57 1.30 0.00	52.88 1.59 0.00	45.87 1.42 0.00	37.98 1.21 0.00	33.90 1.07 1.57	31.12 1.00 2.27	32.07 0.97 1.37	36.07 1.08 0.00	39.22 1.18 0.00	44.39 1.33 0.00	54.18 1.98 0.00	64.63 2.37 0.00	58.01 2.07 0.00	50.80 1.86 0.00	45.83 1.59 0.00	42.00 1.54 0.00	40.01 1.39 0.00	37.54 1.20 0.00
COPENHAGEN_WT_PWR 323753	25.51 -0.79 3.01	23.02 -0.70 3.28	22.85 -0.67 3.30	23.03 -0.65 3.35	24.43 -0.72 3.50	30.11 -0.82 1.84	42.50 -0.78 0.00	50.83 -0.46 0.00	43.60 -0.85 0.00	35.69 -1.07 0.00	33.27 -1.13 0.00	29.25 -1.16 1.97	30.93 -1.14 0.39	33.80 -1.19 0.00	36.90 -1.14 0.00	41.98 -1.07 0.00	51.62 -0.57 0.00	61.83 -0.43 0.00	55.83 -0.11 0.00	48.70 -0.24 0.00	44.15 -0.09 0.00	40.09 -0.36 0.00	38.04 -0.58 0.00	35.83 -0.51 0.00
CORNELL_____ 23752	30.31 0.29 -0.70	28.35 0.32 -1.01	28.06 0.30 -0.94	28.01 0.30 -0.68	29.38 0.29 -0.45	33.32 0.56 0.00	44.18 0.91 0.00	52.52 1.23 0.00	45.29 0.84 0.00	37.46 0.70 0.00	34.82 0.41 0.00	32.75 0.32 -0.04	32.75 0.23 -0.06	35.41 0.42 0.00	38.53 0.49 0.00	43.62 0.56 0.00	53.19 0.99 0.00	63.76 1.49 0.00	57.40 1.45 0.00	50.07 1.13 0.00	45.22 0.97 0.00	41.06 0.61 0.00	39.08 0.46 0.00	36.81 0.47 0.00

CORONA_69_KV_TB1 355595	34.84 2.14 -3.39	33.69 1.76 -4.92	32.93 1.53 -4.58	31.79 1.43 -3.32	32.45 1.63 -2.17	35.19 2.42 0.00	46.84 3.55 -0.02	55.08 3.80 0.00	48.13 3.69 0.00	40.01 3.24 -0.02	38.82 3.03 -1.39	37.56 2.85 -2.33	36.97 2.82 -1.68	38.05 3.04 -0.02	47.68 3.27 -6.36	50.28 3.70 -3.52	56.96 4.02 -0.74	66.89 4.61 -0.02	60.76 4.08 -0.73	62.94 3.77 -10.22	61.74 3.23 -14.27	50.71 3.24 -7.02	41.65 3.01 -0.02	38.74 2.40 0.00
CORTLAND_115KV_TB3 80093	30.00 0.12 -0.57	27.95 0.11 -0.83	27.70 0.11 -0.77	27.70 0.11 -0.56	29.13 0.11 -0.37	33.06 0.29 0.00	43.79 0.52 0.00	52.01 0.72 0.00	44.80 0.36 0.00	37.09 0.33 0.00	34.54 0.14 0.00	32.52 0.10 -0.04	32.48 -0.03 -0.05	35.13 0.14 0.00	38.19 0.15 0.00	43.14 0.09 0.00	52.72 0.52 0.00	63.07 0.81 0.00	56.73 0.78 0.00	49.53 0.59 0.00	44.77 0.53 0.00	40.74 0.28 0.00	38.81 0.19 0.00	36.52 0.18 0.00
COXSACKIE___GT 23611	34.48 1.35 -3.82	33.82 1.27 -5.55	33.24 1.26 -5.16	32.04 1.27 -3.74	32.49 1.40 -2.44	34.80 2.03 0.00	45.92 2.64 0.00	54.16 2.87 0.00	46.49 2.05 0.00	37.79 1.03 0.00	36.17 1.17 -0.60	34.53 1.01 -1.14	34.35 0.97 -0.91	36.07 1.09 0.00	39.56 1.52 0.00	44.91 1.85 0.00	54.60 2.40 0.00	65.62 3.36 0.00	59.02 3.07 0.00	51.54 2.59 0.00	46.54 2.30 0.00	42.80 2.35 0.00	40.90 2.28 0.00	38.48 2.14 0.00
CPV_VALLEY___CC1 323721	32.07 0.56 -2.20	30.69 0.49 -3.20	30.22 0.43 -2.97	29.62 0.43 -2.16	30.51 0.46 -1.41	33.42 0.66 0.00	44.31 1.04 0.00	52.57 1.28 0.00	45.64 1.20 0.00	37.79 1.03 0.00	33.58 0.93 1.76	30.67 0.84 2.55	31.72 0.81 1.56	35.93 0.95 0.00	39.07 1.03 0.00	44.17 1.12 0.00	54.49 2.29 0.00	65.00 2.74 0.00	58.29 2.35 0.00	51.10 2.15 0.00	46.01 1.77 0.00	42.16 1.70 0.00	40.17 1.55 0.00	37.75 1.42 0.00
CPV_VALLEY___CC2 323722	32.07 0.56 -2.20	30.69 0.49 -3.20	30.22 0.43 -2.97	29.62 0.43 -2.16	30.51 0.46 -1.41	33.42 0.66 0.00	44.31 1.04 0.00	52.57 1.28 0.00	45.64 1.20 0.00	37.79 1.03 0.00	33.58 0.93 1.76	30.67 0.84 2.55	31.72 0.81 1.56	35.93 0.95 0.00	39.07 1.03 0.00	44.17 1.12 0.00	54.49 2.29 0.00	65.00 2.74 0.00	58.29 2.35 0.00	51.10 2.15 0.00	46.01 1.77 0.00	42.16 1.70 0.00	40.17 1.55 0.00	37.75 1.42 0.00
CRESCENT___HYD 24018	34.55 1.17 -4.06	33.98 1.08 -5.89	33.38 1.07 -5.48	32.09 1.08 -3.98	32.39 1.15 -2.60	34.17 1.41 0.00	45.18 1.90 0.00	53.60 2.31 0.00	46.40 1.95 0.00	38.31 1.54 0.00	36.39 1.51 -0.47	34.77 1.42 -0.96	34.67 1.39 -0.81	36.53 1.54 0.00	39.68 1.63 0.00	44.95 1.89 0.00	54.39 2.19 0.00	64.69 2.43 0.00	58.07 2.13 0.00	50.80 1.86 0.00	45.92 1.68 0.00	42.20 1.74 0.00	40.28 1.66 0.00	37.79 1.46 0.00
CRICKET___VALLEY_CC1 323756	34.09 1.26 -3.51	33.25 1.13 -5.10	32.67 1.10 -4.75	31.58 1.11 -3.44	32.07 1.17 -2.25	34.27 1.51 0.00	45.48 2.21 0.00	54.00 2.72 0.00	46.89 2.44 0.00	38.75 1.98 0.00	37.34 1.89 -1.04	36.00 1.81 -1.80	35.57 1.78 -1.33	36.91 1.92 0.00	40.06 2.01 0.00	45.47 2.41 0.00	54.81 2.61 0.00	65.13 2.87 0.00	58.40 2.46 0.00	51.15 2.20 0.00	46.14 1.90 0.00	42.40 1.94 0.00	40.40 1.78 0.00	37.90 1.56 0.00
CRICKET___VALLEY_CC2 323757	34.09 1.26 -3.51	33.25 1.13 -5.10	32.67 1.10 -4.75	31.58 1.11 -3.44	32.07 1.17 -2.25	34.27 1.51 0.00	45.48 2.21 0.00	54.00 2.72 0.00	46.89 2.44 0.00	38.75 1.98 0.00	37.34 1.89 -1.04	36.00 1.81 -1.80	35.57 1.78 -1.33	36.91 1.92 0.00	40.06 2.01 0.00	45.47 2.41 0.00	54.81 2.61 0.00	65.13 2.87 0.00	58.40 2.46 0.00	51.15 2.20 0.00	46.14 1.90 0.00	42.40 1.94 0.00	40.40 1.78 0.00	37.90 1.56 0.00
CRICKET___VALLEY_CC3 323758	34.09 1.26 -3.51	33.25 1.13 -5.10	32.67 1.10 -4.75	31.58 1.11 -3.44	32.07 1.17 -2.25	34.27 1.51 0.00	45.48 2.21 0.00	54.00 2.72 0.00	46.89 2.44 0.00	38.75 1.98 0.00	37.34 1.89 -1.04	36.00 1.81 -1.80	35.57 1.78 -1.33	36.91 1.92 0.00	40.06 2.01 0.00	45.47 2.41 0.00	54.81 2.61 0.00	65.13 2.87 0.00	58.40 2.46 0.00	51.15 2.20 0.00	46.14 1.90 0.00	42.40 1.94 0.00	40.40 1.78 0.00	37.90 1.56 0.00
CRUCIBLE_METL_DRP 24180	29.20 -0.15 -0.04	27.05 -0.11 -0.15	26.83 -0.11 -0.12	26.90 -0.14 0.00	28.38 -0.14 0.12	32.44 -0.16 0.16	42.97 -0.30 0.00	50.93 -0.36 0.00	44.13 -0.31 0.00	36.54 -0.22 0.00	34.10 -0.31 0.00	31.94 -0.29 0.15	32.16 -0.29 0.01	34.71 -0.28 0.00	37.70 -0.34 0.00	42.63 -0.43 0.00	51.73 -0.47 0.00	61.83 -0.44 0.00	55.61 -0.34 0.00	48.55 -0.39 0.00	43.84 -0.40 0.00	39.93 -0.53 0.00	38.08 -0.54 0.00	35.87 -0.47 0.00
DAHOWA___HYDRO 323763	35.16 1.73 -4.11	34.55 1.57 -5.97	33.90 1.53 -5.55	32.57 1.51 -4.03	32.88 1.60 -2.63	34.76 2.00 0.00	46.09 2.81 0.00	54.72 3.44 0.00	47.29 2.85 0.00	38.86 2.09 0.00	36.77 1.93 -0.44	35.08 1.78 -0.92	34.96 1.72 -0.78	36.88 1.89 0.00	40.25 2.21 0.00	45.73 2.67 0.00	55.38 3.18 0.00	66.13 3.86 0.00	59.47 3.53 0.00	51.93 2.99 0.00	46.94 2.70 0.00	42.93 2.47 0.00	40.90 2.28 0.00	38.41 2.07 0.00
DANC___LFGE 323619	26.67 -0.67 1.97	24.29 -0.59 2.12	24.11 -0.56 2.14	24.26 -0.57 2.20	25.68 -0.63 2.33	30.79 -0.72 1.26	42.41 -0.87 0.00	50.57 -0.72 0.00	43.56 -0.89 0.00	35.84 -0.92 0.00	33.40 -1.00 0.00	30.04 -1.00 1.34	31.23 -0.97 0.26	33.94 -1.05 0.00	37.02 -1.03 0.00	41.98 -1.07 0.00	51.36 -0.84 0.00	61.39 -0.87 0.00	55.38 -0.56 0.00	48.31 -0.64 0.00	43.80 -0.44 0.00	39.85 -0.61 0.00	37.89 -0.73 0.00	35.65 -0.69 0.00
DANSKAMMER___1 23586	34.33 1.64 -3.37	33.33 1.43 -4.90	32.71 1.34 -4.55	31.63 1.30 -3.30	32.23 1.43 -2.16	34.70 1.93 0.00	46.17 2.90 0.00	54.78 3.49 0.00	47.60 3.16 0.00	39.19 2.43 0.00	38.00 2.24 -1.36	36.71 2.04 -2.28	36.11 2.01 -1.63	37.23 2.24 0.00	40.55 2.51 0.00	46.11 3.06 0.00	55.49 3.29 0.00	66.19 3.92 0.00	59.36 3.41 0.00	52.03 3.09 0.00	46.85 2.61 0.00	42.93 2.47 0.00	40.86 2.24 0.00	38.37 2.03 0.00
DANSKAMMER___2 23589	34.33 1.64 -3.37	33.33 1.43 -4.90	32.71 1.34 -4.55	31.63 1.30 -3.30	32.23 1.43 -2.16	34.70 1.93 0.00	46.17 2.90 0.00	54.78 3.49 0.00	47.60 3.16 0.00	39.19 2.43 0.00	38.00 2.24 -1.36	36.71 2.04 -2.28	36.11 2.01 -1.63	37.23 2.24 0.00	40.55 2.51 0.00	46.11 3.06 0.00	55.49 3.29 0.00	66.19 3.92 0.00	59.36 3.41 0.00	52.03 3.09 0.00	46.85 2.61 0.00	42.93 2.47 0.00	40.86 2.24 0.00	38.37 2.03 0.00
DANSKAMMER___3 23590	34.33 1.64 -3.37	33.33 1.43 -4.90	32.71 1.34 -4.55	31.63 1.30 -3.30	32.23 1.43 -2.16	34.70 1.93 0.00	46.17 2.90 0.00	54.78 3.49 0.00	47.60 3.16 0.00	39.19 2.43 0.00	38.00 2.24 -1.36	36.71 2.04 -2.28	36.11 2.01 -1.63	37.23 2.24 0.00	40.55 2.51 0.00	46.11 3.06 0.00	55.49 3.29 0.00	66.19 3.92 0.00	59.36 3.41 0.00	52.03 3.09 0.00	46.85 2.61 0.00	42.93 2.47 0.00	40.86 2.24 0.00	38.37 2.03 0.00

DANSKAMMER___4 23591	34.33 1.64 -3.37	33.33 1.43 -4.90	32.71 1.34 -4.55	31.63 1.30 -3.30	32.23 1.43 -2.16	34.70 1.93 0.00	46.17 2.90 0.00	54.78 3.49 0.00	47.60 3.16 0.00	39.19 2.43 0.00	38.00 2.24 -1.36	36.71 2.04 -2.28	36.11 2.01 -1.63	37.23 2.24 0.00	40.55 2.51 0.00	46.11 3.06 0.00	55.49 3.29 0.00	66.19 3.92 0.00	59.36 3.41 0.00	52.03 3.09 0.00	46.85 2.61 0.00	42.93 2.47 0.00	40.86 2.24 0.00	38.37 2.03 0.00
DANSKAMMER___DIESEL 23592	34.39 1.70 -3.37	33.42 1.51 -4.90	32.80 1.42 -4.55	31.71 1.38 -3.30	32.29 1.49 -2.16	34.70 1.93 0.00	46.22 2.94 0.00	54.78 3.49 0.00	47.60 3.16 0.00	39.19 2.43 0.00	38.01 2.24 -1.36	36.71 2.04 -2.28	36.11 2.01 -1.63	37.23 2.24 0.00	40.55 2.51 0.00	46.11 3.06 0.00	55.49 3.29 0.00	66.19 3.92 0.00	59.36 3.41 0.00	52.03 3.08 0.00	46.85 2.61 0.00	43.01 2.55 0.00	40.90 2.28 0.00	38.34 2.00 0.00
DARBY___SOLAR 323810	35.00 1.58 -4.10	34.43 1.46 -5.96	33.79 1.42 -5.54	32.46 1.40 -4.02	32.73 1.46 -2.63	34.60 1.83 0.00	45.87 2.60 0.00	54.47 3.18 0.00	47.07 2.62 0.00	38.71 1.95 0.00	36.67 1.82 -0.45	34.99 1.68 -0.92	34.90 1.65 -0.79	36.81 1.82 0.00	40.09 2.05 0.00	45.51 2.45 0.00	55.17 2.97 0.00	65.81 3.55 0.00	59.13 3.19 0.00	51.63 2.69 0.00	46.67 2.43 0.00	42.76 2.30 0.00	40.74 2.12 0.00	38.26 1.92 0.00
DASHVILLE___HYD 23610	33.75 1.00 -3.44	32.84 0.84 -4.99	32.21 0.75 -4.64	31.10 0.70 -3.37	31.65 0.80 -2.20	34.27 1.51 0.00	45.66 2.38 0.00	54.06 2.77 0.00	46.98 2.53 0.00	38.71 1.95 0.00	36.99 1.72 -0.86	35.50 1.59 -1.52	35.20 1.59 -1.14	36.70 1.71 0.00	39.98 1.94 0.00	45.47 2.41 0.00	54.76 2.56 0.00	65.31 3.05 0.00	58.57 2.63 0.00	51.34 2.40 0.00	46.19 1.95 0.00	42.44 1.98 0.00	40.36 1.74 0.00	37.86 1.53 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	34.99 2.29 -3.39	33.77 1.84 -4.92	32.90 1.50 -4.58	31.70 1.35 -3.32	32.47 1.66 -2.17	35.45 2.69 0.00	47.27 3.98 -0.01	55.24 3.95 0.00	48.58 4.13 0.00	40.45 3.68 -0.01	38.89 3.10 -1.39	37.89 3.17 -2.33	37.28 3.15 -1.67	38.50 3.50 -0.01	45.36 3.77 -3.55	48.86 3.83 -1.97	56.79 4.18 -0.41	67.07 4.79 -0.01	60.77 4.42 -0.41	58.81 4.16 -5.71	56.23 4.03 -7.96	48.10 3.72 -3.92	42.14 3.51 -0.01	39.14 2.80 0.00
DELAWARE___LFGE 323621	31.45 0.76 -1.38	29.74 0.73 -2.00	29.43 0.75 -1.86	29.14 0.76 -1.35	30.33 0.80 -0.88	33.75 0.98 0.00	44.79 1.51 0.00	53.19 1.90 0.00	46.09 1.64 0.00	38.09 1.32 0.00	35.32 1.17 0.25	33.12 1.04 0.31	33.30 0.97 0.14	36.14 1.15 0.00	39.33 1.29 0.00	44.56 1.51 0.00	54.13 1.93 0.00	64.63 2.37 0.00	58.01 2.07 0.00	50.80 1.86 0.00	45.83 1.59 0.00	41.91 1.46 0.00	39.90 1.27 0.00	37.50 1.16 0.00
DERFIELD_115KV_TB7 355931	29.29 -0.03 0.00	26.98 -0.03 0.00	26.79 -0.03 0.00	27.00 -0.03 0.00	28.65 0.00 0.00	32.73 -0.03 0.00	43.28 0.00 0.00	51.34 0.05 0.00	44.49 0.04 0.00	36.76 0.00 0.00	34.40 0.00 0.00	32.39 0.00 0.00	32.46 0.00 0.00	34.99 0.00 0.00	38.08 0.04 0.00	43.10 0.04 0.00	52.25 0.05 0.00	62.33 0.06 0.00	56.00 0.06 0.00	48.99 0.05 0.00	44.29 0.04 0.00	40.54 0.08 0.00	38.70 0.08 0.00	36.41 0.07 0.00
DOGLEVILLE___HYD 23807	28.90 -0.41 0.00	26.66 -0.35 0.00	26.47 -0.35 0.00	26.68 -0.35 0.00	28.27 -0.37 0.00	32.37 -0.39 0.00	42.80 -0.48 0.00	50.93 -0.36 0.00	44.18 -0.27 0.00	36.47 -0.30 0.00	34.17 -0.24 0.00	32.13 -0.26 0.00	32.24 -0.23 0.00	34.74 -0.24 0.00	37.89 -0.15 0.00	43.06 0.00 0.00	52.30 0.10 0.00	62.51 0.25 0.00	56.22 0.28 0.00	49.19 0.25 0.00	44.51 0.27 0.00	40.78 0.32 0.00	38.89 0.27 0.00	36.63 0.29 0.00
DUNKIRK___115KV_TB_200 55889	27.45 -2.37 -0.51	25.37 -2.38 -0.74	25.20 -2.31 -0.69	25.34 -2.19 -0.50	26.79 -2.18 -0.33	31.09 -1.67 0.00	41.46 -1.82 0.00	48.42 -2.87 0.00	42.18 -2.27 0.00	35.51 -1.25 0.00	32.99 -1.41 0.00	30.86 -1.55 -0.03	30.53 -1.98 -0.04	33.34 -1.64 0.00	36.48 -1.56 0.00	40.82 -2.24 0.00	49.74 -2.45 0.00	59.46 -2.80 0.00	53.82 -2.13 0.00	47.23 -1.71 0.00	42.83 -1.42 0.00	38.19 -2.27 0.00	36.77 -1.85 0.00	35.39 -0.94 0.00
DUNKIRK___1 23563	27.45 -2.37 -0.51	25.37 -2.38 -0.74	25.20 -2.31 -0.69	25.34 -2.19 -0.50	26.79 -2.18 -0.33	31.09 -1.67 0.00	41.46 -1.82 0.00	48.42 -2.87 0.00	42.18 -2.27 0.00	35.51 -1.25 0.00	32.99 -1.41 0.00	30.86 -1.55 -0.03	30.53 -1.98 -0.04	33.34 -1.64 0.00	36.48 -1.56 0.00	40.82 -2.24 0.00	49.74 -2.45 0.00	59.46 -2.80 0.00	53.82 -2.13 0.00	47.23 -1.71 0.00	42.83 -1.42 0.00	38.19 -2.27 0.00	36.77 -1.85 0.00	35.39 -0.94 0.00
DUNKIRK___2 23564	27.45 -2.37 -0.51	25.37 -2.38 -0.74	25.20 -2.31 -0.69	25.34 -2.19 -0.50	26.79 -2.18 -0.33	31.09 -1.67 0.00	41.46 -1.82 0.00	48.42 -2.87 0.00	42.18 -2.27 0.00	35.51 -1.25 0.00	32.99 -1.41 0.00	30.86 -1.55 -0.03	30.53 -1.98 -0.04	33.34 -1.64 0.00	36.48 -1.56 0.00	40.82 -2.24 0.00	49.74 -2.45 0.00	59.46 -2.80 0.00	53.82 -2.13 0.00	47.23 -1.71 0.00	42.83 -1.42 0.00	38.19 -2.27 0.00	36.77 -1.85 0.00	35.39 -0.94 0.00
DUNKIRK___3 23565	27.47 -2.35 -0.50	25.39 -2.35 -0.73	25.19 -2.31 -0.68	25.31 -2.22 -0.49	26.76 -2.21 -0.32	31.03 -1.74 0.00	41.33 -1.95 0.00	48.26 -3.03 0.00	42.04 -2.40 0.00	35.40 -1.36 0.00	32.89 -1.51 0.00	30.76 -1.65 -0.03	30.43 -2.08 -0.04	33.27 -1.71 0.00	36.33 -1.71 0.00	40.65 -2.41 0.00	49.48 -2.71 0.00	59.15 -3.11 0.00	53.54 -2.41 0.00	46.99 -1.96 0.00	42.61 -1.64 0.00	37.99 -2.47 0.00	36.61 -2.01 0.00	35.21 -1.13 0.00
DUNKIRK___4 23566	27.47 -2.35 -0.50	25.39 -2.35 -0.73	25.19 -2.31 -0.68	25.31 -2.22 -0.49	26.76 -2.21 -0.32	31.03 -1.74 0.00	41.33 -1.95 0.00	48.26 -3.03 0.00	42.04 -2.40 0.00	35.40 -1.36 0.00	32.89 -1.51 0.00	30.76 -1.65 -0.03	30.43 -2.08 -0.04	33.27 -1.71 0.00	36.33 -1.71 0.00	40.65 -2.41 0.00	49.48 -2.71 0.00	59.15 -3.11 0.00	53.54 -2.41 0.00	46.99 -1.96 0.00	42.61 -1.64 0.00	37.99 -2.47 0.00	36.61 -2.01 0.00	35.21 -1.13 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.49 1.79 -3.39	33.47 1.54 -4.92	32.82 1.42 -4.58	31.73 1.38 -3.32	32.27 1.46 -2.17	34.70 1.93 0.00	46.26 2.99 0.00	54.88 3.59 0.00	47.78 3.33 0.00	39.52 2.76 0.00	38.45 2.65 -1.39	37.18 2.46 -2.33	36.53 2.40 -1.67	37.68 2.69 0.00	40.89 2.85 0.00	46.33 3.27 0.00	55.80 3.60 0.00	66.44 4.17 0.00	59.58 3.64 0.00	52.27 3.33 0.00	46.99 2.74 0.00	43.25 2.79 0.00	41.09 2.47 0.00	38.45 2.11 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.16 1.55 -3.29	33.13 1.35 -4.77	32.52 1.26 -4.44	31.50 1.24 -3.22	32.09 1.35 -2.10	34.53 1.77 0.00	45.96 2.68 0.00	54.52 3.23 0.00	47.38 2.93 0.00	39.08 2.32 0.00	38.19 2.10 -1.68	37.10 1.94 -2.77	36.32 1.92 -1.94	37.09 2.10 0.00	40.40 2.36 0.00	45.86 2.80 0.00	55.12 2.92 0.00	65.75 3.49 0.00	58.96 3.02 0.00	51.69 2.74 0.00	46.54 2.30 0.00	42.72 2.27 0.00	40.67 2.05 0.00	38.12 1.78 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	34.74 2.02 -3.40	33.67 1.73 -4.93	33.02 1.61 -4.59	31.92 1.57 -3.32	32.47 1.66 -2.17	34.76 2.00 0.00	46.04 2.77 0.00	54.57 3.28 0.00	47.60 3.16 0.00	39.48 2.72 0.00	38.45 2.65 -1.39	37.18 2.46 -2.33	36.56 2.43 -1.66	37.68 2.69 0.00	40.86 2.81 0.00	46.29 3.23 0.00	55.64 3.45 0.00	66.25 3.98 0.00	59.41 3.47 0.00	52.13 3.18 0.00	46.76 2.52 0.00	43.25 2.79 0.00	41.29 2.66 0.00	38.82 2.47 -0.01
E179THST_13_KV_LOAD 356214	34.85 2.14 -3.40	33.78 1.84 -4.93	33.12 1.72 -4.59	32.00 1.65 -3.32	32.59 1.78 -2.17	34.90 2.13 0.00	46.26 2.99 0.00	54.78 3.49 0.00	47.82 3.38 0.00	39.63 2.87 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.01 2.97 0.00	46.50 3.44 0.00	55.90 3.71 0.00	66.56 4.30 0.00	59.69 3.75 0.00	52.37 3.43 0.00	46.99 2.74 0.00	43.41 2.95 0.00	41.44 2.82 0.00	38.96 2.62 -0.01
EAST HAMPTON___GT 23717	34.40 1.70 -3.39	33.44 1.51 -4.92	32.55 1.15 -4.58	31.32 0.97 -3.32	32.02 1.20 -2.17	35.06 2.29 0.00	46.83 3.55 -0.01	55.03 3.74 0.00	48.31 3.86 0.00	40.15 3.38 -0.01	38.48 2.69 -1.39	37.56 2.85 -2.33	36.96 2.82 -1.67	38.15 3.15 -0.01	45.05 3.46 -3.55	48.42 3.40 -1.97	56.26 3.65 -0.41	66.70 4.42 -0.01	60.60 4.25 -0.41	58.76 4.11 -5.71	56.27 4.07 -7.96	48.09 3.72 -3.92	42.22 3.59 -0.01	39.43 3.09 0.00
EAST RIVER___6 23660	34.49 1.79 -3.39	33.44 1.51 -4.92	32.77 1.37 -4.58	31.65 1.30 -3.32	32.22 1.40 -2.17	34.73 1.97 0.00	46.26 2.98 0.00	55.03 3.74 0.00	48.00 3.56 0.00	39.78 3.02 0.00	38.69 2.89 -1.39	37.40 2.69 -2.33	36.76 2.63 -1.67	37.93 2.94 0.00	41.12 3.08 0.00	46.59 3.53 0.00	56.06 3.86 0.00	66.62 4.36 0.00	59.80 3.86 0.00	52.47 3.53 0.00	47.08 2.83 0.00	43.21 2.75 0.00	41.06 2.43 0.00	38.56 2.22 0.00
EAST RIVER___7 23524	34.49 1.79 -3.39	33.44 1.51 -4.92	32.77 1.37 -4.58	31.65 1.30 -3.32	32.22 1.40 -2.17	34.73 1.97 0.00	46.26 2.98 0.00	55.03 3.74 0.00	48.00 3.56 0.00	39.78 3.02 0.00	38.69 2.89 -1.39	37.40 2.69 -2.33	36.76 2.63 -1.67	37.93 2.94 0.00	41.12 3.08 0.00	46.59 3.53 0.00	56.06 3.86 0.00	66.62 4.36 0.00	59.80 3.86 0.00	52.47 3.53 0.00	47.08 2.83 0.00	43.21 2.75 0.00	41.06 2.43 0.00	38.56 2.22 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.43 1.73 -3.38	33.35 1.43 -4.91	32.73 1.34 -4.57	31.64 1.30 -3.32	32.21 1.40 -2.16	34.60 1.83 0.00	46.09 2.81 0.00	54.67 3.39 0.00	47.60 3.16 0.00	39.37 2.61 0.00	38.39 2.48 -1.51	37.19 2.30 -2.51	36.51 2.27 -1.78	37.47 2.48 0.00	40.70 2.66 0.00	46.16 3.10 0.00	55.54 3.34 0.00	66.19 3.92 0.00	59.36 3.41 0.00	52.03 3.08 0.00	46.81 2.57 0.00	43.13 2.67 0.00	40.98 2.36 0.00	38.34 2.00 0.00
EAST_HAMPTON___DIESEL 23722	34.35 1.64 -3.39	33.39 1.46 -4.92	32.50 1.10 -4.58	31.27 0.92 -3.32	31.96 1.15 -2.17	34.99 2.23 0.00	46.70 3.42 -0.01	54.93 3.64 0.00	48.18 3.73 0.00	40.08 3.31 -0.01	38.38 2.58 -1.39	37.50 2.79 -2.33	36.89 2.76 -1.67	38.08 3.08 -0.01	44.98 3.38 -3.55	48.29 3.27 -1.97	56.11 3.50 -0.41	66.57 4.29 -0.01	60.49 4.14 -0.41	58.66 4.01 -5.71	56.23 4.03 -7.96	48.06 3.68 -3.92	42.22 3.59 -0.01	39.43 3.09 0.00
EAST_POINT___SOLAR 323840	36.00 2.20 -4.48	35.49 1.97 -6.51	34.78 1.90 -6.06	33.32 1.89 -4.39	33.52 2.00 -2.87	35.35 2.59 0.00	46.95 3.68 0.00	55.85 4.56 0.00	48.09 3.65 0.00	38.78 2.02 0.00	36.00 1.27 -0.32	33.82 0.68 -0.75	33.77 0.62 -0.69	36.42 1.44 0.00	39.98 1.94 0.00	46.24 3.19 0.00	56.53 4.33 0.00	67.74 5.48 0.00	61.09 5.14 0.00	53.30 4.35 0.00	48.09 3.85 0.00	43.98 3.52 0.00	41.71 3.09 0.00	39.10 2.76 0.00
EAST_PULASKI___ESR 323781	27.89 -0.50 0.93	25.60 -0.46 0.95	25.41 -0.43 0.98	25.52 -0.46 1.05	26.99 -0.49 1.16	31.51 -0.59 0.67	42.45 -0.82 0.00	50.37 -0.92 0.00	43.56 -0.89 0.00	35.99 -0.77 0.00	33.58 -0.83 0.00	30.87 -0.81 0.70	31.52 -0.81 0.13	34.15 -0.84 0.00	37.13 -0.91 0.00	42.02 -1.03 0.00	51.15 -1.04 0.00	61.14 -1.12 0.00	55.05 -0.90 0.00	48.07 -0.88 0.00	43.53 -0.71 0.00	39.69 -0.77 0.00	37.77 -0.85 0.00	35.50 -0.83 0.00
EAST_RIVER___1 323558	34.55 1.85 -3.39	33.50 1.57 -4.92	32.82 1.42 -4.58	31.70 1.35 -3.32	32.30 1.49 -2.17	34.83 2.07 0.00	46.35 3.07 0.00	55.08 3.80 0.00	48.00 3.56 0.00	39.74 2.98 0.00	38.69 2.89 -1.39	37.40 2.69 -2.33	36.76 2.63 -1.67	37.93 2.94 0.00	41.12 3.08 0.00	46.59 3.53 0.00	56.06 3.86 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.52 3.57 0.00	47.12 2.87 0.00	43.29 2.83 0.00	41.13 2.51 0.00	38.63 2.29 0.00
EAST_RIVER___2 323559	34.49 1.79 -3.39	33.44 1.51 -4.92	32.77 1.37 -4.58	31.65 1.30 -3.32	32.22 1.40 -2.17	34.73 1.97 0.00	46.26 2.98 0.00	55.03 3.74 0.00	48.00 3.56 0.00	39.78 3.02 0.00	38.69 2.89 -1.39	37.40 2.69 -2.33	36.76 2.63 -1.67	37.93 2.94 0.00	41.12 3.08 0.00	46.59 3.53 0.00	56.06 3.86 0.00	66.62 4.36 0.00	59.80 3.86 0.00	52.47 3.53 0.00	47.08 2.83 0.00	43.21 2.75 0.00	41.06 2.43 0.00	38.56 2.22 0.00
EAST___DELAWARE_HYD 23607	33.52 1.23 -2.97	32.41 1.08 -4.32	31.86 1.02 -4.02	30.92 0.97 -2.91	31.64 1.09 -1.90	34.27 1.51 0.00	45.65 2.38 0.00	54.16 2.87 0.00	46.98 2.53 0.00	38.60 1.84 0.00	36.26 1.62 -0.24	34.35 1.42 -0.54	34.37 1.43 -0.48	36.56 1.58 0.00	39.90 1.86 0.00	45.42 2.37 0.00	55.07 2.87 0.00	65.81 3.55 0.00	59.02 3.07 0.00	51.73 2.79 0.00	46.54 2.30 0.00	42.60 2.14 0.00	40.51 1.89 0.00	38.08 1.74 0.00
EIGHT_POINT___WT_PWR 323820	27.88 -2.08 -0.64	26.00 -1.94 -0.94	25.79 -1.90 -0.87	25.80 -1.86 -0.63	27.14 -1.92 -0.41	31.36 -1.41 0.00	42.11 -1.17 0.00	49.91 -1.38 0.00	43.42 -1.02 0.00	36.32 -0.44 0.00	33.58 -0.83 0.00	31.48 -0.94 -0.04	31.22 -1.30 -0.05	34.22 -0.77 0.00	37.36 -0.68 0.00	42.07 -0.99 0.00	51.26 -0.94 0.00	61.70 -0.56 0.00	55.78 -0.17 0.00	48.75 -0.19 0.00	44.29 0.04 0.00	39.85 -0.61 0.00	38.12 -0.50 0.00	36.16 -0.18 0.00
ELBRIDGE_115KV_TB2 80188	29.36 -0.29 -0.34	27.26 -0.24 -0.49	27.04 -0.24 -0.46	27.09 -0.27 -0.33	28.57 -0.29 -0.22	32.44 -0.33 0.00	42.76 -0.52 0.00	50.67 -0.62 0.00	43.87 -0.58 0.00	36.36 -0.40 0.00	33.89 -0.52 0.00	31.95 -0.45 -0.02	32.00 -0.49 -0.03	34.50 -0.49 0.00	37.47 -0.57 0.00	42.37 -0.69 0.00	51.41 -0.78 0.00	61.45 -0.81 0.00	55.27 -0.67 0.00	48.31 -0.64 0.00	43.67 -0.58 0.00	39.77 -0.69 0.00	37.89 -0.73 0.00	35.68 -0.65 0.00
ELEC_TRO_TEK 24086	34.70 1.99 -3.39	33.55 1.62 -4.92	32.79 1.39 -4.58	31.65 1.30 -3.32	32.33 1.52 -2.17	35.03 2.26 0.00	46.67 3.38 -0.02	54.88 3.59 0.00	47.96 3.51 0.00	39.87 3.09 -0.02	38.65 2.86 -1.39	37.43 2.72 -2.33	36.84 2.69 -1.68	37.91 2.90 -0.02	47.40 3.08 -6.28	50.06 3.53 -3.47	56.74 3.81 -0.73	66.58 4.30 -0.02	60.41 3.75 -0.72	62.55 3.52 -10.08	61.32 3.01 -14.07	50.41 3.03 -6.92	41.46 2.82 -0.02	38.56 2.22 0.00

ELLENBURG_WT_PWR 323604	9.24 -3.19 16.88	5.26 -3.00 18.75	5.08 -2.98 18.76	5.35 -3.03 18.65	6.20 -3.32 19.12	18.98 -4.03 9.76	38.30 -4.98 0.00	45.59 -5.69 0.00	39.02 -5.42 0.00	31.83 -4.93 0.01	29.85 -4.54 0.01	17.71 -4.21 10.46	26.28 -4.03 2.16	30.64 -4.34 0.01	33.74 -4.30 0.00	39.05 -4.00 0.00	48.07 -4.12 0.00	57.41 -4.86 0.00	51.69 -4.25 0.00	44.93 -4.01 0.00	41.46 -2.79 0.00	37.14 -3.32 0.00	36.26 -2.36 0.00	34.74 -1.60 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.58 -2.23 -0.49	25.50 -2.21 -0.71	25.28 -2.20 -0.66	25.38 -2.14 -0.48	26.75 -2.21 -0.31	30.80 -1.97 0.00	40.85 -2.42 0.00	47.54 -3.74 0.00	41.47 -2.98 0.00	34.96 -1.80 0.00	32.51 -1.89 0.00	30.47 -1.94 -0.03	30.26 -2.24 -0.04	32.89 -2.10 0.00	35.87 -2.17 0.00	40.09 -2.97 0.00	48.65 -3.55 0.00	58.03 -4.23 0.00	52.59 -3.36 0.00	46.15 -2.79 0.00	41.85 -2.39 0.00	37.38 -3.07 0.00	36.07 -2.55 0.00	34.74 -1.60 0.00
EMPIRE_CC_1 323656	34.05 0.85 -3.88	33.43 0.78 -5.63	32.87 0.80 -5.24	31.64 0.81 -3.80	31.99 0.86 -2.48	33.85 1.08 0.00	44.57 1.30 0.00	52.78 1.49 0.00	45.69 1.24 0.00	37.90 1.14 0.00	36.19 1.20 -0.58	34.64 1.13 -1.12	34.53 1.17 -0.90	36.21 1.22 0.00	39.29 1.25 0.00	44.31 1.25 0.00	53.55 1.35 0.00	63.63 1.37 0.00	57.06 1.12 0.00	49.97 1.03 0.00	45.17 0.93 0.00	41.71 1.26 0.00	39.86 1.24 0.00	37.39 1.05 0.00
EMPIRE_CC_2 323658	34.05 0.85 -3.88	33.43 0.78 -5.63	32.87 0.80 -5.24	31.64 0.81 -3.80	31.99 0.86 -2.48	33.85 1.08 0.00	44.57 1.30 0.00	52.78 1.49 0.00	45.69 1.24 0.00	37.90 1.14 0.00	36.19 1.20 -0.58	34.64 1.13 -1.12	34.53 1.17 -0.90	36.21 1.22 0.00	39.29 1.25 0.00	44.31 1.25 0.00	53.55 1.35 0.00	63.63 1.37 0.00	57.06 1.12 0.00	49.97 1.03 0.00	45.17 0.93 0.00	41.71 1.26 0.00	39.86 1.24 0.00	37.39 1.05 0.00
ENORWICH_115KV_TB1 80156	31.91 1.61 -0.98	30.00 1.57 -1.43	29.71 1.56 -1.33	29.62 1.62 -0.96	30.91 1.63 -0.63	34.99 2.23 0.00	46.87 3.59 0.00	56.16 4.87 0.00	48.18 3.73 0.00	39.45 2.68 0.00	36.42 2.20 0.19	34.04 1.88 0.23	34.18 1.82 0.10	37.30 2.31 0.00	40.78 2.74 0.00	46.46 3.40 0.00	57.00 4.80 0.00	68.43 6.16 0.00	61.59 5.65 0.00	53.59 4.65 0.00	48.36 4.11 0.00	43.82 3.36 0.00	41.40 2.78 0.00	38.99 2.65 0.00
ERIE_ST_34_KV_TB1-2 80199	27.30 -2.52 -0.51	25.23 -2.51 -0.74	25.01 -2.49 -0.68	25.09 -2.43 -0.50	26.48 -2.49 -0.32	31.42 -1.34 0.00	41.80 -1.47 0.00	48.77 -2.51 0.00	42.49 -1.96 0.00	35.81 -0.96 0.00	33.24 -1.17 0.00	31.09 -1.33 -0.03	30.17 -2.34 -0.04	33.62 -1.36 0.00	36.71 -1.33 0.00	40.99 -2.07 0.00	49.85 -2.35 0.00	59.65 -2.62 0.00	53.93 -2.01 0.00	47.28 -1.66 0.00	42.91 -1.33 0.00	38.31 -2.14 0.00	36.81 -1.82 0.00	35.43 -0.91 0.00
ERIE_WT_PWR 323693	27.62 -2.20 -0.50	25.55 -2.19 -0.73	25.35 -2.15 -0.68	25.47 -2.06 -0.49	26.76 -2.21 -0.32	30.83 -1.93 0.00	41.24 -2.03 0.00	47.85 -3.44 0.00	41.78 -2.67 0.00	35.25 -1.51 0.00	32.72 -1.69 0.00	30.57 -1.84 -0.03	30.29 -2.21 -0.04	33.13 -1.86 0.00	36.18 -1.86 0.00	40.43 -2.63 0.00	49.17 -3.03 0.00	58.65 -3.61 0.00	53.09 -2.85 0.00	46.60 -2.35 0.00	42.34 -1.90 0.00	38.07 -2.39 0.00	36.69 -1.93 0.00	35.03 -1.31 0.00
ESPRGFLD_115KV_TB1 80157	30.75 1.44 0.00	28.33 1.32 0.00	28.14 1.31 0.00	28.36 1.32 0.00	30.05 1.40 0.00	34.63 1.87 0.00	45.91 2.64 0.00	54.62 3.33 0.00	47.16 2.71 0.00	38.75 1.99 0.00	35.95 1.55 0.00	33.68 1.30 0.00	33.70 1.23 0.00	36.56 1.57 0.00	39.94 1.90 0.00	45.55 2.50 0.00	55.49 3.29 0.00	66.37 4.11 0.00	59.75 3.80 0.00	52.18 3.23 0.00	47.03 2.79 0.00	42.97 2.51 0.00	40.75 2.12 0.00	38.30 1.96 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.28 0.26 -0.70	28.29 0.27 -1.01	28.03 0.27 -0.94	27.99 0.27 -0.68	29.35 0.26 -0.45	33.26 0.49 0.00	44.10 0.82 0.00	52.42 1.13 0.00	45.20 0.76 0.00	37.39 0.62 0.00	34.75 0.34 0.00	32.72 0.29 -0.04	32.69 0.16 -0.06	35.34 0.35 0.00	38.46 0.42 0.00	43.53 0.47 0.00	53.09 0.89 0.00	63.63 1.37 0.00	57.29 1.34 0.00	49.97 1.03 0.00	45.13 0.88 0.00	41.02 0.57 0.00	39.05 0.42 0.00	36.74 0.40 0.00
ETNA____115KV_TB2 80207	30.28 0.26 -0.70	28.29 0.27 -1.01	28.03 0.27 -0.94	27.99 0.27 -0.68	29.35 0.26 -0.45	33.26 0.49 0.00	44.10 0.82 0.00	52.42 1.13 0.00	45.20 0.76 0.00	37.39 0.62 0.00	34.75 0.34 0.00	32.72 0.29 -0.04	32.69 0.16 -0.06	35.34 0.35 0.00	38.46 0.42 0.00	43.53 0.47 0.00	53.09 0.89 0.00	63.63 1.37 0.00	57.29 1.34 0.00	49.97 1.03 0.00	45.13 0.88 0.00	41.02 0.57 0.00	39.05 0.42 0.00	36.74 0.40 0.00
EUCLID____115KV_TB2 356179	28.81 -0.44 0.06	26.63 -0.41 -0.02	26.41 -0.40 0.00	26.52 -0.41 0.10	28.01 -0.43 0.20	32.05 -0.52 0.19	42.45 -0.82 0.00	50.26 -1.03 0.00	43.56 -0.89 0.00	36.10 -0.66 0.00	33.72 -0.69 0.19	31.55 -0.65 0.02	31.83 -0.62 0.00	34.29 -0.70 0.00	37.28 -0.76 0.00	42.11 -0.95 0.00	51.05 -1.15 0.00	61.02 -1.25 0.00	54.88 -1.06 0.00	47.97 -0.98 0.00	43.36 -0.88 0.00	39.49 -0.97 0.00	37.66 -0.97 0.00	35.47 -0.87 0.00
E_CANADA_CAP_HY 24051	35.85 1.88 -4.65	35.44 1.68 -6.76	34.74 1.64 -6.29	33.21 1.62 -4.56	33.37 1.75 -2.98	34.99 2.23 0.00	46.26 2.98 0.00	54.98 3.69 0.00	47.38 2.93 0.00	38.75 1.98 0.00	36.15 1.48 -0.27	34.24 1.16 -0.69	34.23 1.10 -0.66	36.53 1.54 0.00	40.02 1.98 0.00	45.85 2.80 0.00	55.75 3.55 0.00	66.81 4.54 0.00	60.14 4.20 0.00	52.52 3.57 0.00	47.34 3.10 0.00	43.53 3.07 0.00	41.28 2.66 0.00	38.74 2.40 0.00
E_CANADA_MHWK_HY 24050	28.90 -0.41 0.00	26.66 -0.35 0.00	26.47 -0.35 0.00	26.68 -0.35 0.00	28.27 -0.37 0.00	32.37 -0.39 0.00	42.80 -0.48 0.00	50.93 -0.36 0.00	44.18 -0.27 0.00	36.47 -0.30 0.00	34.17 -0.24 0.00	32.13 -0.26 0.00	32.24 -0.23 0.00	34.74 -0.24 0.00	37.89 -0.15 0.00	43.06 0.00 0.00	52.30 0.10 0.00	62.51 0.25 0.00	56.22 0.28 0.00	49.19 0.25 0.00	44.51 0.27 0.00	40.78 0.32 0.00	38.89 0.27 0.00	36.63 0.29 0.00
E_FISHKILL____LBMP 23776	34.24 1.50 -3.43	33.29 1.30 -4.98	32.66 1.21 -4.64	31.58 1.19 -3.36	32.13 1.29 -2.20	34.40 1.64 0.00	45.74 2.47 0.00	54.26 2.97 0.00	47.20 2.76 0.00	39.04 2.28 0.00	37.72 2.17 -1.15	36.35 2.01 -1.95	35.87 1.98 -1.42	37.16 2.17 0.00	40.36 2.32 0.00	45.77 2.71 0.00	55.12 2.92 0.00	65.63 3.36 0.00	58.85 2.91 0.00	51.59 2.64 0.00	46.45 2.21 0.00	42.72 2.27 0.00	40.67 2.05 0.00	38.08 1.74 0.00
FALCON____SEABRD_CC1 323796	9.60 -2.87 16.84	5.60 -2.70 18.71	5.37 -2.74 18.72	5.64 -2.78 18.61	6.53 -3.04 19.08	19.33 -3.70 9.73	38.82 -4.46 0.00	46.21 -5.08 0.00	39.51 -4.93 0.00	32.23 -4.52 0.01	30.23 -4.16 0.01	18.09 -3.85 10.44	26.64 -3.67 2.15	31.03 -3.95 0.01	34.24 -3.80 0.00	39.57 -3.49 0.00	48.75 -3.45 0.00	58.28 -3.99 0.00	52.47 -3.47 0.00	45.57 -3.38 0.00	42.03 -2.21 0.00	37.62 -2.83 0.00	36.73 -1.89 0.00	35.17 -1.16 0.00

FALCON___SEABRD_CC2 323797	9.60 -2.87 16.84	5.60 -2.70 18.71	5.37 -2.74 18.72	5.64 -2.78 18.61	6.53 -3.04 19.08	19.33 -3.70 9.73	38.82 -4.46 0.00	46.21 -5.08 0.00	39.51 -4.93 0.00	32.23 -4.52 0.01	30.23 -4.16 0.01	18.09 -3.85 10.44	26.64 -3.67 2.15	31.03 -3.95 0.01	34.24 -3.80 0.00	39.57 -3.49 0.00	48.75 -3.45 0.00	58.28 -3.99 0.00	52.47 -3.47 0.00	45.57 -3.38 0.00	42.03 -2.21 0.00	37.62 -2.83 0.00	36.73 -1.89 0.00	35.17 -1.16 0.00
FAR ROCKAWAY___4 23548	35.05 2.35 -3.39	33.85 1.92 -4.92	33.06 1.66 -4.58	31.92 1.57 -3.32	32.62 1.80 -2.17	35.42 2.65 0.00	47.18 3.89 -0.01	55.44 4.15 0.00	48.44 4.00 0.00	40.31 3.53 -0.01	39.06 3.27 -1.39	37.82 3.11 -2.33	37.19 3.05 -1.68	38.33 3.32 -0.01	47.33 3.54 -5.75	50.29 4.05 -3.18	57.35 4.49 -0.67	67.45 5.17 -0.01	61.13 4.53 -0.66	62.39 4.21 -9.24	60.72 3.58 -12.89	50.36 3.56 -6.34	41.92 3.28 -0.01	38.99 2.65 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.64 1.93 -3.39	33.58 1.65 -4.92	32.90 1.50 -4.58	31.81 1.46 -3.32	32.39 1.58 -2.17	34.83 2.06 0.00	46.43 3.16 0.00	55.08 3.80 0.00	48.04 3.60 0.00	39.78 3.01 0.00	38.69 2.89 -1.39	37.40 2.69 -2.33	36.79 2.66 -1.67	37.93 2.94 0.00	41.16 3.12 0.00	46.63 3.57 0.00	56.11 3.91 0.00	66.75 4.48 0.00	59.86 3.92 0.00	52.57 3.62 0.00	47.16 2.92 0.00	43.45 2.99 0.00	41.29 2.66 0.00	38.63 2.29 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.67 1.96 -3.39	33.58 1.65 -4.92	32.93 1.53 -4.58	31.81 1.46 -3.32	32.39 1.58 -2.17	34.83 2.06 0.00	46.43 3.16 0.00	55.08 3.80 0.00	48.04 3.60 0.00	39.78 3.01 0.00	38.69 2.89 -1.39	37.40 2.69 -2.33	36.76 2.63 -1.67	37.93 2.94 0.00	41.16 3.12 0.00	46.59 3.53 0.00	56.11 3.91 0.00	66.75 4.48 0.00	59.86 3.92 0.00	52.57 3.62 0.00	47.16 2.92 0.00	43.45 2.99 0.00	41.29 2.66 0.00	38.63 2.29 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.64 1.93 -3.39	33.55 1.62 -4.92	32.90 1.50 -4.58	31.81 1.46 -3.32	32.36 1.55 -2.17	34.83 2.06 0.00	46.43 3.16 0.00	55.08 3.80 0.00	48.00 3.56 0.00	39.78 3.01 0.00	38.69 2.89 -1.39	37.40 2.69 -2.33	36.76 2.63 -1.67	37.93 2.94 0.00	41.12 3.08 0.00	46.59 3.53 0.00	56.06 3.86 0.00	66.68 4.42 0.00	59.86 3.92 0.00	52.52 3.57 0.00	47.16 2.92 0.00	43.41 2.95 0.00	41.25 2.63 0.00	38.63 2.29 0.00
FARRAGUT___LBMP 323566	34.61 1.91 -3.39	33.55 1.62 -4.92	32.87 1.48 -4.58	31.79 1.43 -3.32	32.36 1.55 -2.17	34.80 2.03 0.00	46.39 3.12 0.00	55.03 3.74 0.00	47.96 3.51 0.00	39.74 2.98 0.00	38.65 2.86 -1.39	37.37 2.66 -2.33	36.72 2.60 -1.67	37.89 2.90 0.00	41.08 3.04 0.00	46.54 3.49 0.00	56.06 3.86 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.52 0.00	47.12 2.88 0.00	43.41 2.95 0.00	41.25 2.63 0.00	38.59 2.25 0.00
FENNER___WINDPWR 24204	29.59 0.32 0.05	27.41 0.33 -0.07	27.18 0.32 -0.03	27.28 0.35 0.10	28.77 0.37 0.25	33.01 0.49 0.25	44.10 0.82 0.00	52.41 1.13 0.00	45.96 1.51 0.00	37.79 1.03 0.00	35.30 0.89 0.00	32.74 0.75 0.39	33.17 0.78 0.07	35.93 0.95 0.00	39.14 1.10 0.00	44.39 1.34 0.00	53.24 1.04 0.00	63.63 1.37 0.00	57.23 1.29 0.00	49.92 0.98 0.00	45.13 0.88 0.00	41.15 0.69 0.00	39.16 0.54 0.00	36.85 0.51 0.00
FIBERTEK___ENERGY 23856	29.20 -0.15 -0.04	27.05 -0.11 -0.15	26.83 -0.11 -0.12	26.90 -0.14 0.00	28.38 -0.14 0.12	32.44 -0.16 0.16	42.97 -0.30 0.00	50.93 -0.36 0.00	44.13 -0.31 0.00	36.54 -0.22 0.00	34.10 -0.31 0.00	31.94 -0.29 0.15	32.16 -0.29 0.01	34.71 -0.28 0.00	37.70 -0.34 0.00	42.63 -0.43 0.00	51.73 -0.47 0.00	61.83 -0.44 0.00	55.61 -0.34 0.00	48.55 -0.39 0.00	43.84 -0.40 0.00	39.93 -0.53 0.00	38.08 -0.54 0.00	35.87 -0.47 0.00
FITZPATRICK____ 23598	28.71 -0.79 -0.19	26.55 -0.73 -0.27	26.35 -0.72 -0.25	26.49 -0.73 -0.18	27.99 -0.77 -0.12	31.78 -0.98 0.00	41.80 -1.47 0.00	49.44 -1.84 0.00	42.80 -1.64 0.00	35.47 -1.29 0.00	33.13 -1.27 0.00	31.23 -1.16 -0.01	31.34 -1.14 -0.02	33.69 -1.29 0.00	36.63 -1.41 0.00	41.46 -1.59 0.00	50.27 -1.93 0.00	59.96 -2.30 0.00	53.93 -2.01 0.00	47.18 -1.76 0.00	42.65 -1.59 0.00	38.92 -1.54 0.00	37.15 -1.47 0.00	34.96 -1.38 0.00
FLOWRFLD_69_KV_BK1 356044	35.11 2.40 -3.39	33.88 1.94 -4.92	33.06 1.66 -4.58	31.87 1.51 -3.32	32.62 1.80 -2.17	35.58 2.82 0.00	47.40 4.11 -0.01	55.44 4.15 0.00	48.58 4.13 0.00	40.45 3.68 -0.01	39.13 3.34 -1.39	37.95 3.24 -2.33	37.35 3.21 -1.67	38.50 3.50 -0.01	45.41 3.80 -3.57	49.25 4.22 -1.98	57.31 4.70 -0.42	67.57 5.29 -0.01	61.11 4.76 -0.41	59.08 4.41 -5.73	56.18 3.94 -8.00	48.08 3.68 -3.94	42.03 3.40 -0.01	38.95 2.62 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.46 1.76 -3.38	33.46 1.54 -4.91	32.84 1.45 -4.57	31.75 1.41 -3.31	32.36 1.55 -2.16	34.76 2.00 0.00	46.30 3.03 0.00	54.83 3.54 0.00	47.64 3.20 0.00	39.23 2.46 0.00	38.00 2.27 -1.32	36.68 2.07 -2.22	36.10 2.05 -1.60	37.26 2.27 0.00	40.63 2.59 0.00	46.16 3.10 0.00	55.59 3.39 0.00	66.31 4.05 0.00	59.47 3.52 0.00	52.13 3.18 0.00	46.94 2.70 0.00	43.09 2.63 0.00	40.98 2.36 0.00	38.41 2.07 0.00
FORT ORANGE____ 23900	34.06 0.76 -3.99	33.50 0.70 -5.79	32.90 0.70 -5.38	31.67 0.73 -3.91	31.97 0.77 -2.55	33.78 1.02 0.00	44.36 1.08 0.00	52.52 1.23 0.00	45.47 1.02 0.00	37.50 0.73 0.00	36.00 1.10 -0.49	34.37 1.01 -0.98	34.29 1.01 -0.82	36.07 1.09 0.00	39.18 1.14 0.00	44.13 1.08 0.00	53.30 1.10 0.00	63.57 1.31 0.00	57.06 1.12 0.00	49.92 0.98 0.00	45.17 0.93 0.00	41.63 1.17 0.00	39.89 1.27 0.00	37.47 1.13 0.00
FORT_DRUM_COGEN 23780	25.02 -0.88 3.42	22.48 -0.78 3.74	22.34 -0.72 3.76	22.50 -0.73 3.80	23.89 -0.80 3.95	29.81 -0.88 2.07	42.41 -0.87 0.00	50.83 -0.46 0.00	43.60 -0.84 0.00	35.62 -1.14 0.00	33.20 -1.20 0.00	28.91 -1.26 2.22	30.78 -1.23 0.45	33.73 -1.26 0.00	36.82 -1.22 0.00	41.94 -1.12 0.00	51.62 -0.57 0.00	61.89 -0.37 0.00	55.89 -0.06 0.00	48.70 -0.24 0.00	44.20 -0.04 0.00	40.09 -0.36 0.00	38.04 -0.58 0.00	35.83 -0.51 0.00
FOX_HILLS___ESR 323835	35.06 2.35 -3.40	33.96 2.03 -4.93	33.28 1.88 -4.59	32.19 1.84 -3.32	32.76 1.95 -2.17	35.06 2.29 0.00	46.43 3.16 0.00	54.83 3.54 0.00	47.64 3.20 0.00	39.45 2.68 0.00	38.41 2.61 -1.39	37.14 2.43 -2.33	36.50 2.37 -1.66	37.65 2.66 0.00	40.82 2.78 0.00	46.33 3.27 0.00	55.80 3.60 0.00	66.50 4.23 0.00	59.63 3.69 0.00	52.32 3.38 0.00	46.85 2.61 0.00	43.45 2.99 0.00	41.44 2.82 0.00	39.00 2.65 -0.01
FPL FAR_ROCK_GT1 24212	34.87 2.17 -3.39	33.82 1.89 -4.92	33.01 1.61 -4.58	31.84 1.49 -3.32	32.47 1.66 -2.17	35.32 2.56 0.00	47.14 3.85 -0.01	55.54 4.25 0.00	48.53 4.09 0.00	40.27 3.49 -0.01	39.13 3.34 -1.39	37.82 3.11 -2.33	37.19 3.05 -1.68	38.33 3.33 -0.01	47.33 3.54 -5.75	50.29 4.05 -3.18	57.35 4.49 -0.67	67.44 5.17 -0.01	61.13 4.53 -0.66	62.34 4.16 -9.24	60.72 3.58 -12.89	50.24 3.44 -6.34	41.84 3.20 -0.01	39.07 2.73 0.00

FPL FAR_ROCK_GT2 23815	34.87 2.17 -3.39	33.82 1.89 -4.92	33.01 1.61 -4.58	31.84 1.49 -3.32	32.47 1.66 -2.17	35.32 2.56 0.00	47.14 3.85 -0.01	55.54 4.25 0.00	48.53 4.09 0.00	40.27 3.49 -0.01	39.13 3.34 -1.39	37.82 3.11 -2.33	37.19 3.05 -1.68	38.33 3.33 -0.01	47.33 3.54 -5.75	50.29 4.05 -3.18	57.35 4.49 -0.67	67.44 5.17 -0.01	61.13 4.53 -0.66	62.34 4.16 -9.24	60.72 3.58 -12.89	50.24 3.44 -6.34	41.84 3.20 -0.01	39.07 2.73 0.00
FRANKLIN_FALL_HYD 24054	10.77 -2.81 15.73	6.91 -2.65 17.45	6.70 -2.66 17.47	6.97 -2.68 17.38	7.91 -2.89 17.84	20.11 -3.54 9.12	39.12 -4.15 0.00	46.62 -4.67 0.00	39.78 -4.67 0.00	32.42 -4.34 0.01	30.44 -3.96 0.01	18.94 -3.66 9.78	26.94 -3.51 2.02	31.17 -3.81 0.01	34.35 -3.69 0.00	39.66 -3.40 0.00	48.86 -3.34 0.00	58.40 -3.86 0.00	52.59 -3.36 0.00	45.62 -3.33 0.00	42.07 -2.17 0.00	37.63 -2.83 0.00	36.65 -1.97 0.00	35.03 -1.31 0.00
FREEPORT_EQUS_GT1 23764	34.70 1.99 -3.39	33.66 1.73 -4.92	32.85 1.45 -4.58	31.68 1.32 -3.32	32.33 1.52 -2.17	35.16 2.39 0.00	46.92 3.64 -0.01	55.29 4.00 0.00	48.31 3.86 0.00	40.08 3.31 -0.01	38.93 3.13 -1.39	37.63 2.92 -2.33	37.03 2.89 -1.67	38.15 3.15 -0.01	46.16 3.35 -4.77	49.49 3.79 -2.64	56.72 3.97 -0.55	66.82 4.54 -0.01	60.52 4.03 -0.55	60.33 3.72 -7.67	58.13 3.19 -10.70	48.96 3.24 -5.26	41.65 3.01 -0.01	38.84 2.51 0.00
FREEPORT___CT2 23818	34.70 1.99 -3.39	33.66 1.73 -4.92	32.85 1.45 -4.58	31.68 1.32 -3.32	32.33 1.52 -2.17	35.16 2.39 0.00	46.92 3.64 -0.01	55.29 4.00 0.00	48.31 3.86 0.00	40.08 3.31 -0.01	38.93 3.13 -1.39	37.63 2.92 -2.33	37.03 2.89 -1.67	38.15 3.15 -0.01	46.16 3.35 -4.77	49.49 3.79 -2.64	56.72 3.97 -0.55	66.82 4.54 -0.01	60.52 4.03 -0.55	60.33 3.72 -7.67	58.13 3.19 -10.70	48.96 3.24 -5.26	41.65 3.01 -0.01	38.84 2.51 0.00
FRESHKLS_33_KV_LOAD 356253	35.17 2.46 -3.40	34.07 2.13 -4.93	33.42 2.01 -4.59	32.30 1.95 -3.32	32.90 2.09 -2.17	35.16 2.39 0.00	46.52 3.25 0.00	54.78 3.49 0.00	47.51 3.07 0.00	39.34 2.57 0.00	38.31 2.51 -1.39	37.01 2.30 -2.33	36.37 2.24 -1.66	37.54 2.55 0.00	40.70 2.66 0.00	46.24 3.19 0.00	55.69 3.50 0.00	66.37 4.11 0.00	59.58 3.64 0.00	52.27 3.33 0.00	46.76 2.52 0.00	43.41 2.95 0.00	41.52 2.90 0.00	39.11 2.76 -0.01
FULTON COGEN____ 23766	28.57 -0.59 0.16	26.40 -0.51 0.10	26.19 -0.51 0.12	26.31 -0.51 0.21	27.76 -0.57 0.31	31.87 -0.66 0.24	42.24 -1.04 0.00	50.06 -1.23 0.00	43.33 -1.11 0.00	35.88 -0.88 0.00	33.51 -0.89 0.00	31.34 -0.81 0.24	31.62 -0.81 0.03	34.08 -0.91 0.00	37.05 -0.99 0.00	41.89 -1.16 0.00	50.79 -1.41 0.00	60.71 -1.56 0.00	54.60 -1.34 0.00	47.72 -1.22 0.00	43.09 -1.15 0.00	39.28 -1.17 0.00	37.46 -1.16 0.00	35.25 -1.09 0.00
FULTON___LFGE 323630	35.66 1.90 -4.44	35.16 1.70 -6.45	34.48 1.66 -6.00	33.01 1.62 -4.35	33.23 1.75 -2.84	34.99 2.23 0.00	46.48 3.20 0.00	55.18 3.90 0.00	47.55 3.11 0.00	38.86 2.09 0.00	36.42 1.69 -0.33	34.51 1.36 -0.77	34.49 1.33 -0.70	36.70 1.71 0.00	40.17 2.13 0.00	45.99 2.93 0.00	55.90 3.71 0.00	66.99 4.73 0.00	60.31 4.37 0.00	52.66 3.72 0.00	47.52 3.27 0.00	43.49 3.04 0.00	41.28 2.66 0.00	38.74 2.40 0.00
G.F.CEMENT___DRP 24184	35.43 1.99 -4.13	34.81 1.81 -5.99	34.11 1.72 -5.57	32.78 1.70 -4.04	33.09 1.80 -2.64	35.12 2.36 0.00	46.52 3.25 0.00	55.24 3.95 0.00	47.73 3.29 0.00	39.15 2.39 0.00	37.04 2.20 -0.43	35.30 2.01 -0.91	35.15 1.92 -0.78	37.12 2.13 0.00	40.51 2.47 0.00	46.03 2.97 0.00	55.85 3.65 0.00	66.75 4.48 0.00	60.03 4.08 0.00	52.37 3.43 0.00	47.34 3.10 0.00	43.25 2.79 0.00	41.17 2.55 0.00	38.66 2.33 0.00
GARDENVILLE___LBMP 24039	27.53 -2.29 -0.50	25.46 -2.27 -0.72	25.24 -2.25 -0.67	25.33 -2.19 -0.49	26.73 -2.23 -0.32	30.90 -1.87 0.00	41.02 -2.25 0.00	47.80 -3.49 0.00	41.64 -2.80 0.00	35.11 -1.65 0.00	32.65 -1.75 0.00	30.57 -1.85 -0.03	30.26 -2.24 -0.04	33.03 -1.96 0.00	36.02 -2.02 0.00	40.26 -2.80 0.00	48.91 -3.29 0.00	58.40 -3.86 0.00	52.92 -3.02 0.00	46.40 -2.55 0.00	42.12 -2.12 0.00	37.63 -2.83 0.00	36.27 -2.36 0.00	34.88 -1.45 0.00
GARDNVLA_35_KV_LD 355827	27.62 -2.20 -0.50	25.52 -2.21 -0.73	25.33 -2.17 -0.68	25.41 -2.11 -0.49	26.79 -2.18 -0.32	31.03 -1.74 0.00	41.24 -2.03 0.00	48.01 -3.28 0.00	41.87 -2.58 0.00	35.29 -1.47 0.00	32.79 -1.62 0.00	30.73 -1.68 -0.03	30.36 -2.14 -0.04	33.20 -1.78 0.00	36.21 -1.83 0.00	40.47 -2.58 0.00	49.17 -3.03 0.00	58.71 -3.55 0.00	53.15 -2.80 0.00	46.64 -2.30 0.00	42.34 -1.90 0.00	37.79 -2.67 0.00	36.42 -2.20 0.00	35.07 -1.27 0.00
GELCKHM___115KV_LOAD 80723	28.97 -0.32 0.02	26.78 -0.30 -0.07	26.57 -0.30 -0.04	26.67 -0.30 0.06	28.13 -0.34 0.17	32.19 -0.39 0.18	42.67 -0.61 0.00	50.52 -0.77 0.00	43.78 -0.67 0.00	36.25 -0.51 0.00	33.85 -0.55 0.00	31.69 -0.52 0.17	31.93 -0.52 0.02	34.46 -0.52 0.00	37.43 -0.61 0.00	42.28 -0.78 0.00	51.31 -0.89 0.00	61.33 -0.93 0.00	55.16 -0.78 0.00	48.16 -0.78 0.00	43.53 -0.71 0.00	39.65 -0.81 0.00	37.81 -0.81 0.00	35.61 -0.73 0.00
GENERAL___MILLS 23808	27.56 -2.26 -0.50	25.49 -2.24 -0.73	25.27 -2.23 -0.68	25.36 -2.16 -0.49	26.76 -2.21 -0.32	31.00 -1.77 0.00	41.15 -2.12 0.00	47.95 -3.33 0.00	41.78 -2.67 0.00	35.22 -1.54 0.00	32.75 -1.65 0.00	30.67 -1.75 -0.03	30.33 -2.17 -0.04	33.13 -1.85 0.00	36.18 -1.86 0.00	40.39 -2.67 0.00	49.07 -3.13 0.00	58.59 -3.67 0.00	53.03 -2.91 0.00	46.55 -2.40 0.00	42.25 -1.99 0.00	37.75 -2.71 0.00	36.38 -2.24 0.00	34.99 -1.34 0.00
GE_PLASTICS___DRP 24183	33.86 0.56 -3.99	33.31 0.51 -5.79	32.74 0.54 -5.38	31.50 0.57 -3.91	31.80 0.60 -2.55	33.49 0.72 0.00	44.23 0.95 0.00	52.42 1.13 0.00	45.42 0.98 0.00	37.53 0.77 0.00	35.88 1.00 -0.47	34.28 0.94 -0.96	34.21 0.94 -0.80	36.00 1.01 0.00	39.11 1.07 0.00	44.09 1.03 0.00	53.24 1.04 0.00	63.45 1.18 0.00	56.95 1.01 0.00	49.83 0.88 0.00	45.08 0.84 0.00	41.47 1.01 0.00	39.70 1.08 0.00	37.32 0.98 0.00
GILBOA___1 23756	33.14 0.67 -3.15	32.28 0.70 -4.57	31.82 0.75 -4.25	30.87 0.76 -3.09	31.46 0.80 -2.01	33.58 0.82 0.00	44.44 1.17 0.00	52.72 1.43 0.00	45.73 1.29 0.00	37.83 1.07 0.00	35.66 1.03 -0.23	33.89 0.97 -0.53	33.89 0.94 -0.49	36.04 1.05 0.00	39.14 1.10 0.00	44.31 1.25 0.00	53.50 1.31 0.00	63.76 1.49 0.00	57.23 1.29 0.00	50.22 1.27 0.00	45.35 1.11 0.00	41.55 1.09 0.00	39.66 1.04 0.00	37.28 0.94 0.00
GILBOA___2 23757	33.14 0.67 -3.15	32.28 0.70 -4.57	31.82 0.75 -4.25	30.87 0.76 -3.09	31.46 0.80 -2.01	33.58 0.82 0.00	44.44 1.17 0.00	52.72 1.43 0.00	45.73 1.29 0.00	37.83 1.07 0.00	35.66 1.03 -0.23	33.89 0.97 -0.53	33.89 0.94 -0.49	36.04 1.05 0.00	39.14 1.10 0.00	44.31 1.25 0.00	53.50 1.31 0.00	63.76 1.49 0.00	57.23 1.29 0.00	50.22 1.27 0.00	45.35 1.11 0.00	41.55 1.09 0.00	39.66 1.04 0.00	37.28 0.94 0.00

GILBOA___3 23758	33.14 0.67 -3.15	32.28 0.70 -4.57	31.82 0.75 -4.25	30.87 0.76 -3.09	31.46 0.80 -2.01	33.58 0.82 0.00	44.44 1.17 0.00	52.72 1.43 0.00	45.73 1.29 0.00	37.83 1.07 0.00	35.66 1.03 -0.23	33.89 0.97 -0.53	33.89 0.94 -0.49	36.04 1.05 0.00	39.14 1.10 0.00	44.31 1.25 0.00	53.50 1.31 0.00	63.76 1.49 0.00	57.23 1.29 0.00	50.22 1.27 0.00	45.35 1.11 0.00	41.55 1.09 0.00	39.66 1.04 0.00	37.28 0.94 0.00
GILBOA___4 23759	33.14 0.67 -3.15	32.28 0.70 -4.57	31.82 0.75 -4.25	30.87 0.76 -3.09	31.46 0.80 -2.01	33.58 0.82 0.00	44.44 1.17 0.00	52.72 1.43 0.00	45.73 1.29 0.00	37.83 1.07 0.00	35.66 1.03 -0.23	33.89 0.97 -0.53	33.89 0.94 -0.49	36.04 1.05 0.00	39.14 1.10 0.00	44.31 1.25 0.00	53.50 1.31 0.00	63.76 1.49 0.00	57.23 1.29 0.00	50.22 1.27 0.00	45.35 1.11 0.00	41.55 1.09 0.00	39.66 1.04 0.00	37.28 0.94 0.00
GILBOA___ 23599	33.17 0.70 -3.15	32.28 0.70 -4.57	31.85 0.78 -4.25	30.90 0.78 -3.09	31.49 0.83 -2.01	33.58 0.82 0.00	44.49 1.21 0.00	52.72 1.44 0.00	45.73 1.29 0.00	37.83 1.07 0.00	35.66 1.03 -0.23	33.89 0.97 -0.53	33.89 0.94 -0.49	36.04 1.05 0.00	39.14 1.10 0.00	44.31 1.25 0.00	53.50 1.30 0.00	63.76 1.49 0.00	57.23 1.29 0.00	50.22 1.27 0.00	45.35 1.11 0.00	41.59 1.13 0.00	39.66 1.04 0.00	37.28 0.94 0.00
GINNA___ 23603	27.60 -2.08 -0.36	25.57 -1.97 -0.53	25.43 -1.88 -0.49	25.44 -1.95 -0.36	26.82 -2.06 -0.23	30.11 -2.65 0.00	40.03 -3.25 0.00	47.18 -4.10 0.00	40.93 -3.51 0.00	34.04 -2.72 0.00	31.76 -2.65 0.00	29.88 -2.53 -0.02	30.22 -2.27 -0.03	32.29 -2.69 0.00	35.15 -2.89 0.00	39.61 -3.45 0.00	48.13 -4.07 0.00	57.41 -4.86 0.00	51.91 -4.03 0.00	45.37 -3.57 0.00	41.06 -3.19 0.00	37.18 -3.28 0.00	35.53 -3.09 0.00	33.54 -2.80 0.00
GLEN PARK___ 23778	25.35 -0.73 3.23	22.83 -0.65 3.53	22.68 -0.59 3.55	22.87 -0.57 3.59	24.27 -0.63 3.74	30.11 -0.69 1.96	42.71 -0.56 0.00	51.19 -0.10 0.00	43.82 -0.62 0.00	35.81 -0.96 0.00	33.37 -1.03 0.00	29.15 -1.13 2.10	30.94 -1.10 0.42	33.87 -1.12 0.00	37.02 -1.03 0.00	42.15 -0.91 0.00	51.94 -0.26 0.00	62.33 0.06 0.00	56.28 0.34 0.00	49.04 0.10 0.00	44.51 0.27 0.00	40.34 -0.12 0.00	38.23 -0.39 0.00	35.98 -0.36 0.00
GLENDALE_27_KV_LOAD 356172	34.88 2.17 -3.40	33.78 1.84 -4.93	33.12 1.72 -4.59	32.00 1.65 -3.32	32.59 1.78 -2.17	34.99 2.23 0.00	46.48 3.20 0.00	55.08 3.80 0.00	48.09 3.64 0.00	39.85 3.09 0.00	38.79 2.99 -1.39	37.50 2.79 -2.33	36.85 2.73 -1.66	38.00 3.01 0.00	41.20 3.16 0.00	46.72 3.66 0.00	56.22 4.02 0.00	66.93 4.67 0.00	59.97 4.03 0.00	52.66 3.72 0.00	47.21 2.96 0.00	43.61 3.16 0.00	41.48 2.86 0.00	38.93 2.58 -0.01
GLENWOOD_IC_1_G5 23712	34.76 2.05 -3.39	33.66 1.73 -4.92	32.93 1.53 -4.58	31.81 1.46 -3.32	32.45 1.63 -2.17	35.06 2.29 0.00	46.71 3.42 -0.02	55.13 3.85 0.00	48.13 3.69 0.00	39.94 3.16 -0.02	38.76 2.96 -1.39	37.50 2.79 -2.33	36.90 2.76 -1.68	38.01 3.01 -0.02	47.42 3.23 -6.15	50.16 3.70 -3.40	56.98 4.07 -0.71	66.95 4.67 -0.02	60.73 4.08 -0.71	62.54 3.72 -9.88	61.21 3.19 -13.79	50.39 3.16 -6.78	41.49 2.86 -0.02	38.70 2.36 0.00
GLENWOOD_IC_2_G1 23688	34.49 1.79 -3.39	33.47 1.54 -4.92	32.77 1.37 -4.58	31.65 1.30 -3.32	32.25 1.43 -2.17	34.83 2.07 0.00	46.39 3.12 0.00	54.98 3.69 0.00	47.91 3.47 0.00	39.71 2.94 0.00	38.58 2.79 -1.39	37.30 2.59 -2.33	36.69 2.56 -1.66	37.79 2.80 0.00	41.27 2.97 -0.26	46.60 3.40 -0.15	55.93 3.71 -0.03	66.56 4.29 0.00	59.72 3.75 -0.03	52.79 3.42 -0.42	47.75 2.92 -0.59	43.58 2.83 -0.29	41.17 2.55 0.00	38.56 2.22 0.00
GLENWOOD_IC_3_G1 23689	34.49 1.79 -3.39	33.47 1.54 -4.92	32.77 1.37 -4.58	31.65 1.30 -3.32	32.25 1.43 -2.17	34.83 2.07 0.00	46.39 3.12 0.00	54.98 3.69 0.00	47.91 3.47 0.00	39.71 2.94 0.00	38.58 2.79 -1.39	37.30 2.59 -2.33	36.69 2.56 -1.66	37.79 2.80 0.00	41.27 2.97 -0.26	46.60 3.40 -0.15	55.93 3.71 -0.03	66.56 4.29 0.00	59.72 3.75 -0.03	52.79 3.42 -0.42	47.75 2.92 -0.59	43.58 2.83 -0.29	41.17 2.55 0.00	38.56 2.22 0.00
GLENWOOD___4 23550	34.76 2.05 -3.39	33.66 1.73 -4.92	32.93 1.53 -4.58	31.81 1.46 -3.32	32.45 1.63 -2.17	35.06 2.29 0.00	46.71 3.42 -0.02	55.13 3.85 0.00	48.13 3.69 0.00	39.94 3.16 -0.02	38.76 2.96 -1.39	37.50 2.79 -2.33	36.90 2.76 -1.68	38.01 3.01 -0.02	47.42 3.23 -6.15	50.16 3.70 -3.40	56.98 4.07 -0.71	66.95 4.67 -0.02	60.73 4.08 -0.71	62.54 3.72 -9.88	61.21 3.19 -13.79	50.39 3.16 -6.78	41.49 2.86 -0.02	38.70 2.36 0.00
GLENWOOD___5 23614	34.76 2.05 -3.39	33.66 1.73 -4.92	32.93 1.53 -4.58	31.81 1.46 -3.32	32.45 1.63 -2.17	35.06 2.29 0.00	46.71 3.42 -0.02	55.13 3.85 0.00	48.13 3.69 0.00	39.94 3.16 -0.02	38.76 2.96 -1.39	37.50 2.79 -2.33	36.90 2.76 -1.68	38.01 3.01 -0.02	47.42 3.23 -6.15	50.16 3.70 -3.40	56.98 4.07 -0.71	66.95 4.67 -0.02	60.73 4.08 -0.71	62.54 3.72 -9.88	61.21 3.19 -13.79	50.39 3.16 -6.78	41.49 2.86 -0.02	38.70 2.36 0.00
GLOBAL GREEN_PORT_GT1 23814	34.64 1.93 -3.39	33.66 1.73 -4.92	32.77 1.37 -4.58	31.54 1.19 -3.32	32.25 1.43 -2.17	35.32 2.56 0.00	47.18 3.90 -0.01	55.44 4.15 0.00	48.62 4.18 0.00	40.45 3.68 -0.01	38.82 3.03 -1.39	37.82 3.11 -2.33	37.22 3.09 -1.67	38.43 3.43 -0.01	45.36 3.77 -3.55	48.81 3.79 -1.97	56.69 4.07 -0.41	67.19 4.92 -0.01	60.99 4.64 -0.41	59.01 4.35 -5.71	56.50 4.29 -7.96	48.22 3.85 -3.92	42.30 3.67 -0.01	39.46 3.13 0.00
GLOBE___DSASP 323697	27.46 -2.32 -0.46	25.38 -2.30 -0.67	25.17 -2.28 -0.62	25.24 -2.24 -0.45	26.62 -2.32 -0.30	30.14 -2.62 0.00	39.81 -3.46 0.00	46.16 -5.13 0.00	40.27 -4.18 0.00	34.01 -2.76 0.00	31.65 -2.75 0.00	29.73 -2.69 -0.03	29.87 -2.63 -0.04	32.01 -2.97 0.00	34.85 -3.20 0.00	38.88 -4.18 0.00	47.08 -5.12 0.00	56.04 -6.23 0.00	50.85 -5.09 0.00	44.64 -4.31 0.00	40.48 -3.76 0.00	36.21 -4.25 0.00	35.07 -3.55 0.00	33.83 -2.51 0.00
GOETHSLN___LBMP 323567	34.49 1.79 -3.39	33.42 1.49 -4.92	32.77 1.37 -4.58	31.68 1.32 -3.32	32.22 1.40 -2.17	34.67 1.90 0.00	46.26 2.99 0.00	54.93 3.64 0.00	47.91 3.47 0.00	39.70 2.94 0.00	38.59 2.79 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.67	37.82 2.83 0.00	41.05 3.01 0.00	46.46 3.40 0.00	55.96 3.76 0.00	66.56 4.30 0.00	59.69 3.75 0.00	52.42 3.48 0.00	47.07 2.83 0.00	43.29 2.83 0.00	41.09 2.47 0.00	38.45 2.11 0.00
GOLAH___69_KV_TB 1_2 80279	28.61 -1.08 -0.38	26.48 -1.08 -0.55	26.32 -1.02 -0.51	26.35 -1.05 -0.37	27.80 -1.09 -0.24	31.36 -1.41 0.00	41.54 -1.73 0.00	48.72 -2.56 0.00	42.31 -2.13 0.00	35.33 -1.43 0.00	32.93 -1.48 0.00	30.92 -1.49 -0.02	31.23 -1.27 -0.03	33.41 -1.57 0.00	36.33 -1.71 0.00	40.86 -2.20 0.00	49.59 -2.61 0.00	59.09 -3.18 0.00	53.54 -2.41 0.00	46.94 -2.01 0.00	42.47 -1.77 0.00	38.19 -2.27 0.00	36.65 -1.97 0.00	34.99 -1.34 0.00

GOODYEAR_LAKE_HYD 323669	31.36 1.06 -0.99	29.42 0.97 -1.43	29.15 0.99 -1.33	29.00 1.00 -0.97	30.34 1.06 -0.63	34.14 1.38 0.00	45.31 2.03 0.00	53.90 2.62 0.00	46.67 2.22 0.00	38.49 1.73 0.00	35.88 1.48 0.00	33.74 1.30 -0.06	33.78 1.23 -0.08	36.46 1.47 0.00	39.71 1.67 0.00	45.08 2.02 0.00	54.86 2.66 0.00	65.50 3.24 0.00	58.85 2.91 0.00	51.49 2.55 0.00	46.41 2.17 0.00	42.40 1.94 0.00	40.24 1.62 0.00	37.86 1.53 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.41 0.06 -1.03	28.56 0.05 -1.50	28.24 0.03 -1.39	28.10 0.05 -1.01	29.33 0.03 -0.66	33.09 0.33 0.00	43.88 0.61 0.00	52.01 0.72 0.00	45.02 0.58 0.00	37.35 0.59 0.00	34.58 0.38 0.20	32.46 0.32 0.25	32.48 0.13 0.11	35.37 0.38 0.00	38.42 0.38 0.00	43.40 0.34 0.00	52.77 0.57 0.00	63.14 0.87 0.00	56.78 0.84 0.00	49.63 0.69 0.00	44.86 0.62 0.00	40.82 0.36 0.00	38.89 0.27 0.00	36.67 0.33 0.00
GOUDEY___7 23579	30.41 0.06 -1.03	28.56 0.05 -1.50	28.24 0.03 -1.39	28.10 0.05 -1.01	29.33 0.03 -0.66	33.09 0.33 0.00	43.88 0.61 0.00	52.01 0.72 0.00	45.02 0.58 0.00	37.35 0.59 0.00	34.58 0.38 0.20	32.46 0.32 0.25	32.48 0.13 0.11	35.37 0.38 0.00	38.42 0.38 0.00	43.40 0.34 0.00	52.77 0.57 0.00	63.14 0.87 0.00	56.78 0.84 0.00	49.63 0.69 0.00	44.86 0.62 0.00	40.82 0.36 0.00	38.89 0.27 0.00	36.67 0.33 0.00
GOUDEY___8 23580	30.41 0.06 -1.03	28.56 0.05 -1.50	28.24 0.03 -1.39	28.10 0.05 -1.01	29.33 0.03 -0.66	33.09 0.33 0.00	43.88 0.61 0.00	52.01 0.72 0.00	45.02 0.58 0.00	37.35 0.59 0.00	34.58 0.38 0.20	32.46 0.32 0.25	32.48 0.13 0.11	35.37 0.38 0.00	38.42 0.38 0.00	43.40 0.34 0.00	52.77 0.57 0.00	63.14 0.87 0.00	56.78 0.84 0.00	49.63 0.69 0.00	44.86 0.62 0.00	40.82 0.36 0.00	38.89 0.27 0.00	36.67 0.33 0.00
GOWANUS_GT1_1 24077	34.97 2.26 -3.40	33.88 1.94 -4.93	33.20 1.80 -4.59	32.08 1.73 -3.32	32.68 1.86 -2.17	34.99 2.23 0.00	46.43 3.16 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.50 3.44 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.52 0.00	46.99 2.74 0.00	43.49 3.03 0.00	41.44 2.82 0.00	38.96 2.62 -0.01
GOWANUS_GT1_2 24078	34.97 2.26 -3.40	33.88 1.94 -4.93	33.20 1.80 -4.59	32.08 1.73 -3.32	32.68 1.86 -2.17	34.99 2.23 0.00	46.43 3.16 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.50 3.44 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.52 0.00	46.99 2.74 0.00	43.49 3.03 0.00	41.44 2.82 0.00	38.96 2.62 -0.01
GOWANUS_GT1_3 24079	34.97 2.26 -3.40	33.88 1.94 -4.93	33.20 1.80 -4.59	32.08 1.73 -3.32	32.68 1.86 -2.17	34.99 2.23 0.00	46.43 3.16 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.50 3.44 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.52 0.00	46.99 2.74 0.00	43.49 3.03 0.00	41.44 2.82 0.00	38.96 2.62 -0.01
GOWANUS_GT1_4 24080	34.97 2.26 -3.40	33.88 1.94 -4.93	33.20 1.80 -4.59	32.08 1.73 -3.32	32.68 1.86 -2.17	34.99 2.23 0.00	46.43 3.16 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.50 3.44 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.52 0.00	46.99 2.74 0.00	43.49 3.03 0.00	41.44 2.82 0.00	38.96 2.62 -0.01
GOWANUS_GT1_5 24084	34.97 2.26 -3.40	33.88 1.94 -4.93	33.20 1.80 -4.59	32.08 1.73 -3.32	32.68 1.86 -2.17	34.99 2.23 0.00	46.43 3.16 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.50 3.44 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.52 0.00	46.99 2.74 0.00	43.49 3.03 0.00	41.44 2.82 0.00	38.96 2.62 -0.01
GOWANUS_GT1_6 24111	34.97 2.26 -3.40	33.88 1.94 -4.93	33.20 1.80 -4.59	32.08 1.73 -3.32	32.68 1.86 -2.17	34.99 2.23 0.00	46.43 3.16 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.50 3.44 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.52 0.00	46.99 2.74 0.00	43.49 3.03 0.00	41.44 2.82 0.00	38.96 2.62 -0.01
GOWANUS_GT1_7 24112	34.97 2.26 -3.40	33.88 1.94 -4.93	33.20 1.80 -4.59	32.08 1.73 -3.32	32.68 1.86 -2.17	34.99 2.23 0.00	46.43 3.16 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.50 3.44 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.52 0.00	46.99 2.74 0.00	43.49 3.03 0.00	41.44 2.82 0.00	38.96 2.62 -0.01
GOWANUS_GT1_8 24113	34.97 2.26 -3.40	33.88 1.94 -4.93	33.20 1.80 -4.59	32.08 1.73 -3.32	32.68 1.86 -2.17	34.99 2.23 0.00	46.43 3.16 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.50 3.44 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.52 0.00	46.99 2.74 0.00	43.49 3.03 0.00	41.44 2.82 0.00	38.96 2.62 -0.01
GOWANUS_GT2_1 24114	34.88 2.17 -3.40	33.80 1.86 -4.93	33.15 1.74 -4.59	32.00 1.65 -3.32	32.59 1.78 -2.17	35.02 2.26 0.00	46.35 3.07 0.00	54.93 3.64 0.00	47.78 3.33 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.46 3.40 0.00	55.90 3.71 0.00	66.62 4.36 0.00	59.75 3.81 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.25 2.79 0.00	41.25 2.63 0.00	38.96 2.62 -0.01
GOWANUS_GT2_2 24115	34.88 2.17 -3.40	33.80 1.86 -4.93	33.15 1.74 -4.59	32.00 1.65 -3.32	32.59 1.78 -2.17	35.02 2.26 0.00	46.35 3.07 0.00	54.93 3.64 0.00	47.78 3.33 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.46 3.40 0.00	55.90 3.71 0.00	66.62 4.36 0.00	59.75 3.81 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.25 2.79 0.00	41.25 2.63 0.00	38.96 2.62 -0.01
GOWANUS_GT2_3 24116	34.88 2.17 -3.40	33.80 1.86 -4.93	33.15 1.74 -4.59	32.00 1.65 -3.32	32.59 1.78 -2.17	35.02 2.26 0.00	46.35 3.07 0.00	54.93 3.64 0.00	47.78 3.33 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.46 3.40 0.00	55.90 3.71 0.00	66.62 4.36 0.00	59.75 3.81 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.25 2.79 0.00	41.25 2.63 0.00	38.96 2.62 -0.01

GOWANUS_GT2_4 24117	34.88 2.17 -3.40	33.80 1.86 -4.93	33.15 1.74 -4.59	32.00 1.65 -3.32	32.59 1.78 -2.17	35.02 2.26 0.00	46.35 3.07 0.00	54.93 3.64 0.00	47.78 3.33 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.46 3.40 0.00	55.90 3.71 0.00	66.62 4.36 0.00	59.75 3.81 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.25 2.79 0.00	41.25 2.63 0.00	38.96 2.62 -0.01
GOWANUS_GT2_5 24118	34.88 2.17 -3.40	33.80 1.86 -4.93	33.15 1.74 -4.59	32.00 1.65 -3.32	32.59 1.78 -2.17	35.02 2.26 0.00	46.35 3.07 0.00	54.93 3.64 0.00	47.78 3.33 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.46 3.40 0.00	55.90 3.71 0.00	66.62 4.36 0.00	59.75 3.81 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.25 2.79 0.00	41.25 2.63 0.00	38.96 2.62 -0.01
GOWANUS_GT2_6 24119	34.88 2.17 -3.40	33.80 1.86 -4.93	33.15 1.74 -4.59	32.00 1.65 -3.32	32.59 1.78 -2.17	35.02 2.26 0.00	46.35 3.07 0.00	54.93 3.64 0.00	47.78 3.33 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.46 3.40 0.00	55.90 3.71 0.00	66.62 4.36 0.00	59.75 3.81 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.25 2.79 0.00	41.25 2.63 0.00	38.96 2.62 -0.01
GOWANUS_GT2_7 24120	34.88 2.17 -3.40	33.80 1.86 -4.93	33.15 1.74 -4.59	32.00 1.65 -3.32	32.59 1.78 -2.17	35.02 2.26 0.00	46.35 3.07 0.00	54.93 3.64 0.00	47.78 3.33 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.46 3.40 0.00	55.90 3.71 0.00	66.62 4.36 0.00	59.75 3.81 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.25 2.79 0.00	41.25 2.63 0.00	38.96 2.62 -0.01
GOWANUS_GT2_8 24121	34.88 2.17 -3.40	33.80 1.86 -4.93	33.15 1.74 -4.59	32.00 1.65 -3.32	32.59 1.78 -2.17	35.02 2.26 0.00	46.35 3.07 0.00	54.93 3.64 0.00	47.78 3.33 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.46 3.40 0.00	55.90 3.71 0.00	66.62 4.36 0.00	59.75 3.81 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.25 2.79 0.00	41.25 2.63 0.00	38.96 2.62 -0.01
GOWANUS_GT3_1 24122	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
GOWANUS_GT3_2 24123	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
GOWANUS_GT3_3 24124	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
GOWANUS_GT3_4 24125	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
GOWANUS_GT3_5 24126	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
GOWANUS_GT3_6 24127	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
GOWANUS_GT3_7 24128	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
GOWANUS_GT3_8 24129	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
GOWANUS_GT4_1 24130	34.97 2.26 -3.40	33.86 1.92 -4.93	33.20 1.80 -4.59	32.08 1.73 -3.32	32.65 1.83 -2.17	34.99 2.23 0.00	46.43 3.16 0.00	54.88 3.59 0.00	47.78 3.33 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.46 3.40 0.00	55.96 3.76 0.00	66.62 4.36 0.00	59.75 3.80 0.00	52.47 3.52 0.00	46.99 2.74 0.00	43.49 3.03 0.00	41.44 2.82 0.00	38.93 2.58 -0.01
GOWANUS_GT4_2 24131	34.97 2.26 -3.40	33.86 1.92 -4.93	33.20 1.80 -4.59	32.08 1.73 -3.32	32.65 1.83 -2.17	34.99 2.23 0.00	46.43 3.16 0.00	54.88 3.59 0.00	47.78 3.33 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.46 3.40 0.00	55.96 3.76 0.00	66.62 4.36 0.00	59.75 3.80 0.00	52.47 3.52 0.00	46.99 2.74 0.00	43.49 3.03 0.00	41.44 2.82 0.00	38.93 2.58 -0.01

GOWANUS_GT4_3 24132	34.97 2.26 -3.40	33.86 1.92 -4.93	33.20 1.80 -4.59	32.08 1.73 -3.32	32.65 1.83 -2.17	34.99 2.23 0.00	46.43 3.16 0.00	54.88 3.59 0.00	47.78 3.33 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.46 3.40 0.00	55.96 3.76 0.00	66.62 4.36 0.00	59.75 3.80 0.00	52.47 3.52 0.00	46.99 2.74 0.00	43.49 3.03 0.00	41.44 2.82 0.00	38.93 2.58 -0.01
GOWANUS_GT4_4 24133	34.97 2.26 -3.40	33.86 1.92 -4.93	33.20 1.80 -4.59	32.08 1.73 -3.32	32.65 1.83 -2.17	34.99 2.23 0.00	46.43 3.16 0.00	54.88 3.59 0.00	47.78 3.33 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.46 3.40 0.00	55.96 3.76 0.00	66.62 4.36 0.00	59.75 3.80 0.00	52.47 3.52 0.00	46.99 2.74 0.00	43.49 3.03 0.00	41.44 2.82 0.00	38.93 2.58 -0.01
GOWANUS_GT4_5 24134	34.97 2.26 -3.40	33.86 1.92 -4.93	33.20 1.80 -4.59	32.08 1.73 -3.32	32.65 1.83 -2.17	34.99 2.23 0.00	46.43 3.16 0.00	54.88 3.59 0.00	47.78 3.33 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.46 3.40 0.00	55.96 3.76 0.00	66.62 4.36 0.00	59.75 3.80 0.00	52.47 3.52 0.00	46.99 2.74 0.00	43.49 3.03 0.00	41.44 2.82 0.00	38.93 2.58 -0.01
GOWANUS_GT4_6 24135	34.97 2.26 -3.40	33.86 1.92 -4.93	33.20 1.80 -4.59	32.08 1.73 -3.32	32.65 1.83 -2.17	34.99 2.23 0.00	46.43 3.16 0.00	54.88 3.59 0.00	47.78 3.33 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.46 3.40 0.00	55.96 3.76 0.00	66.62 4.36 0.00	59.75 3.80 0.00	52.47 3.52 0.00	46.99 2.74 0.00	43.49 3.03 0.00	41.44 2.82 0.00	38.93 2.58 -0.01
GOWANUS_GT4_7 24136	34.97 2.26 -3.40	33.86 1.92 -4.93	33.20 1.80 -4.59	32.08 1.73 -3.32	32.65 1.83 -2.17	34.99 2.23 0.00	46.43 3.16 0.00	54.88 3.59 0.00	47.78 3.33 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.46 3.40 0.00	55.96 3.76 0.00	66.62 4.36 0.00	59.75 3.80 0.00	52.47 3.52 0.00	46.99 2.74 0.00	43.49 3.03 0.00	41.44 2.82 0.00	38.93 2.58 -0.01
GOWANUS_GT4_8 24137	34.97 2.26 -3.40	33.86 1.92 -4.93	33.20 1.80 -4.59	32.08 1.73 -3.32	32.65 1.83 -2.17	34.99 2.23 0.00	46.43 3.16 0.00	54.88 3.59 0.00	47.78 3.33 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.46 3.40 0.00	55.96 3.76 0.00	66.62 4.36 0.00	59.75 3.80 0.00	52.47 3.52 0.00	46.99 2.74 0.00	43.49 3.03 0.00	41.44 2.82 0.00	38.93 2.58 -0.01
GREENBSH_115KV_TB3 55895	33.79 0.47 -4.00	33.25 0.43 -5.81	32.71 0.48 -5.41	31.47 0.51 -3.92	31.75 0.54 -2.56	33.39 0.62 0.00	44.10 0.82 0.00	52.26 0.97 0.00	45.29 0.84 0.00	37.42 0.66 0.00	35.95 1.07 -0.48	34.36 1.00 -0.97	34.28 1.01 -0.81	36.07 1.08 0.00	39.14 1.10 0.00	44.00 0.95 0.00	53.09 0.89 0.00	63.26 1.00 0.00	56.73 0.78 0.00	49.63 0.69 0.00	44.91 0.66 0.00	41.43 0.97 0.00	39.74 1.12 0.00	37.36 1.02 0.00
GREENDGE_115KV_TB5 80291	29.18 -0.76 -0.62	27.21 -0.70 -0.91	26.97 -0.70 -0.84	26.97 -0.68 -0.61	28.33 -0.72 -0.40	32.40 -0.36 0.00	43.19 -0.09 0.00	50.83 -0.46 0.00	44.31 -0.13 0.00	36.80 0.04 0.00	34.10 -0.31 0.00	32.07 -0.36 -0.04	31.93 -0.58 -0.05	34.67 -0.31 0.00	37.74 -0.30 0.00	42.54 -0.52 0.00	51.47 -0.73 0.00	61.83 -0.44 0.00	55.83 -0.11 0.00	48.65 -0.29 0.00	44.37 0.13 0.00	40.01 -0.45 0.00	38.12 -0.50 0.00	36.08 -0.25 0.00
GREENIDGE___3 23582	29.18 -0.76 -0.62	27.21 -0.70 -0.91	26.97 -0.70 -0.84	26.97 -0.68 -0.61	28.33 -0.72 -0.40	32.40 -0.36 0.00	43.19 -0.09 0.00	50.83 -0.46 0.00	44.31 -0.13 0.00	36.80 0.04 0.00	34.10 -0.31 0.00	32.07 -0.36 -0.04	31.93 -0.58 -0.05	34.67 -0.31 0.00	37.74 -0.30 0.00	42.54 -0.52 0.00	51.47 -0.73 0.00	61.83 -0.44 0.00	55.83 -0.11 0.00	48.65 -0.29 0.00	44.37 0.13 0.00	40.01 -0.45 0.00	38.12 -0.50 0.00	36.08 -0.25 0.00
GREENIDGE___4 23583	29.23 -0.70 -0.62	27.24 -0.67 -0.91	26.99 -0.67 -0.84	26.97 -0.67 -0.61	28.36 -0.69 -0.40	32.31 -0.46 0.00	43.23 -0.04 0.00	50.78 -0.51 0.00	44.31 -0.13 0.00	36.80 0.04 0.00	34.09 -0.31 0.00	32.00 -0.42 -0.04	31.93 -0.58 -0.05	34.67 -0.32 0.00	37.73 -0.31 0.00	42.54 -0.51 0.00	51.47 -0.73 0.00	61.83 -0.43 0.00	55.78 -0.17 0.00	48.65 -0.29 0.00	44.38 0.13 0.00	40.13 -0.33 0.00	38.23 -0.39 0.00	36.09 -0.25 0.00
GREENLWN_69_KV_BK 3 55738	35.02 2.32 -3.39	33.85 1.92 -4.92	33.06 1.66 -4.58	31.89 1.54 -3.32	32.59 1.78 -2.17	35.45 2.69 0.00	47.22 3.94 -0.01	55.39 4.10 0.00	48.44 4.00 0.00	40.34 3.57 -0.01	39.06 3.27 -1.39	37.85 3.14 -2.33	37.22 3.08 -1.67	38.36 3.36 -0.01	45.29 3.61 -3.64	49.16 4.09 -2.02	57.17 4.54 -0.43	67.32 5.04 -0.01	60.84 4.48 -0.42	59.00 4.21 -5.84	56.02 3.63 -8.15	48.03 3.56 -4.01	41.91 3.28 -0.01	38.95 2.62 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.97 2.26 -3.40	33.88 1.94 -4.93	33.20 1.80 -4.59	32.08 1.73 -3.32	32.68 1.86 -2.17	34.99 2.23 0.00	46.43 3.16 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.50 3.44 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.52 0.00	46.99 2.74 0.00	43.49 3.03 0.00	41.44 2.82 0.00	38.96 2.62 -0.01
GRISSOM___SOLAR 323813	35.54 1.82 -4.40	35.02 1.62 -6.39	34.35 1.58 -5.95	32.89 1.54 -4.31	33.12 1.66 -2.82	34.86 2.10 0.00	46.30 3.03 0.00	54.98 3.69 0.00	47.38 2.93 0.00	38.78 2.02 0.00	36.40 1.65 -0.34	34.56 1.39 -0.78	34.50 1.33 -0.71	36.67 1.68 0.00	40.13 2.09 0.00	45.85 2.80 0.00	55.70 3.50 0.00	66.68 4.42 0.00	60.08 4.14 0.00	52.42 3.48 0.00	47.34 3.10 0.00	43.33 2.87 0.00	41.17 2.55 0.00	38.59 2.25 0.00
GROVEVILLE___HYD 323602	34.46 1.76 -3.38	33.46 1.54 -4.91	32.84 1.45 -4.57	31.75 1.41 -3.31	32.36 1.55 -2.16	34.76 2.00 0.00	46.30 3.03 0.00	54.83 3.54 0.00	47.64 3.20 0.00	39.23 2.46 0.00	38.00 2.27 -1.32	36.68 2.07 -2.22	36.10 2.05 -1.60	37.26 2.27 0.00	40.63 2.59 0.00	46.16 3.10 0.00	55.59 3.39 0.00	66.31 4.05 0.00	59.47 3.52 0.00	52.13 3.18 0.00	46.94 2.70 0.00	43.09 2.63 0.00	40.98 2.36 0.00	38.41 2.07 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.20 -0.15 -0.04	27.05 -0.11 -0.15	26.83 -0.11 -0.12	26.90 -0.14 0.00	28.38 -0.14 0.12	32.44 -0.16 0.16	42.97 -0.30 0.00	50.93 -0.36 0.00	44.13 -0.31 0.00	36.54 -0.22 0.00	34.10 -0.31 0.00	31.94 -0.29 0.15	32.16 -0.29 0.01	34.71 -0.28 0.00	37.70 -0.34 0.00	42.63 -0.43 0.00	51.73 -0.47 0.00	61.83 -0.44 0.00	55.61 -0.34 0.00	48.55 -0.39 0.00	43.84 -0.40 0.00	39.93 -0.53 0.00	38.08 -0.54 0.00	35.87 -0.47 0.00

HAMLTNNY_34_KV_TB 80303	29.51 -0.15 -0.34	27.39 -0.11 -0.49	27.17 -0.11 -0.46	27.23 -0.14 -0.33	28.72 -0.14 -0.22	32.60 -0.16 0.00	43.02 -0.26 0.00	50.98 -0.31 0.00	44.18 -0.27 0.00	36.58 -0.18 0.00	34.10 -0.31 0.00	32.15 -0.26 -0.02	32.20 -0.29 -0.03	34.71 -0.28 0.00	37.74 -0.30 0.00	42.63 -0.43 0.00	51.73 -0.47 0.00	61.89 -0.37 0.00	55.66 -0.28 0.00	48.60 -0.34 0.00	43.93 -0.31 0.00	39.97 -0.49 0.00	38.08 -0.54 0.00	35.87 -0.47 0.00
HAMPSHIRE___PAPER_HYD 323593	18.49 -1.82 9.00	15.37 -1.67 9.97	15.20 -1.64 9.98	15.45 -1.62 9.96	16.65 -1.75 10.25	25.44 -2.06 5.26	40.85 -2.42 0.00	48.83 -2.46 0.00	41.78 -2.67 0.00	34.11 -2.65 0.00	31.92 -2.48 0.00	24.38 -2.36 5.64	29.03 -2.27 1.16	32.53 -2.45 0.00	35.65 -2.40 0.00	40.77 -2.28 0.00	50.32 -1.88 0.00	60.21 -2.05 0.00	54.27 -1.68 0.00	47.18 -1.76 0.00	43.14 -1.10 0.00	38.88 -1.58 0.00	37.35 -1.27 0.00	35.39 -0.95 0.00
HARDSCRABBLE_WT_PWR 323673	28.79 -0.53 0.00	26.55 -0.46 0.00	26.36 -0.46 0.00	26.57 -0.46 0.00	28.16 -0.49 0.00	32.24 -0.53 0.00	42.67 -0.61 0.00	50.83 -0.46 0.00	44.09 -0.36 0.00	36.40 -0.37 0.00	34.09 -0.31 0.00	32.06 -0.32 0.00	32.17 -0.29 0.00	34.71 -0.28 0.00	37.81 -0.23 0.00	43.01 -0.04 0.00	52.30 0.10 0.00	62.51 0.25 0.00	56.28 0.34 0.00	49.24 0.30 0.00	44.51 0.27 0.00	40.78 0.32 0.00	38.89 0.27 0.00	36.63 0.29 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.04 1.55 -3.17	32.97 1.35 -4.61	32.37 1.26 -4.29	31.38 1.24 -3.11	32.02 1.35 -2.03	34.53 1.77 0.00	46.00 2.73 0.00	54.52 3.23 0.00	47.42 2.98 0.00	39.15 2.39 0.00	38.44 2.17 -1.87	37.41 1.98 -3.04	36.53 1.95 -2.12	37.16 2.17 0.00	40.47 2.43 0.00	45.90 2.84 0.00	55.28 3.08 0.00	66.00 3.74 0.00	59.19 3.24 0.00	51.83 2.89 0.00	46.68 2.43 0.00	42.80 2.35 0.00	40.75 2.12 0.00	38.19 1.85 0.00
HARSNRAD_115KV_TB1 81005	27.63 -2.14 -0.45	25.53 -2.13 -0.66	25.34 -2.09 -0.61	25.42 -2.05 -0.45	26.82 -2.12 -0.29	30.54 -2.23 0.00	40.51 -2.77 0.00	47.13 -4.15 0.00	41.02 -3.42 0.00	34.56 -2.21 0.00	32.17 -2.24 0.00	30.15 -2.27 -0.03	30.23 -2.27 -0.04	32.57 -2.41 0.00	35.49 -2.55 0.00	39.66 -3.40 0.00	48.07 -4.12 0.00	57.03 -5.23 0.00	51.75 -4.20 0.00	45.42 -3.52 0.00	41.19 -3.05 0.00	36.78 -3.68 0.00	35.53 -3.09 0.00	34.23 -2.11 0.00
HARZA MOOSE___RIVER 24016	26.76 -0.29 2.26	24.29 -0.24 2.48	24.12 -0.21 2.49	24.33 -0.19 2.51	25.83 -0.20 2.62	31.20 -0.20 1.37	43.23 -0.04 0.00	51.60 0.31 0.00	44.49 0.04 0.00	36.50 -0.26 0.00	34.09 -0.31 0.00	30.52 -0.39 1.47	31.81 -0.36 0.30	34.67 -0.31 0.00	37.85 -0.19 0.00	43.01 -0.04 0.00	52.82 0.63 0.00	63.14 0.87 0.00	56.84 0.90 0.00	49.58 0.64 0.00	44.91 0.66 0.00	40.86 0.40 0.00	38.89 0.27 0.00	36.63 0.29 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.97 -0.32 0.02	26.79 -0.30 -0.08	26.57 -0.30 -0.05	26.68 -0.30 0.06	28.17 -0.32 0.16	32.23 -0.36 0.18	42.71 -0.56 0.00	50.57 -0.72 0.00	43.82 -0.62 0.00	36.32 -0.44 0.00	33.89 -0.52 0.00	31.76 -0.45 0.17	31.99 -0.45 0.01	34.50 -0.49 0.00	37.47 -0.57 0.00	42.37 -0.69 0.00	51.36 -0.84 0.00	61.39 -0.87 0.00	55.16 -0.78 0.00	48.21 -0.73 0.00	43.58 -0.66 0.00	39.69 -0.77 0.00	37.85 -0.77 0.00	35.65 -0.69 0.00
HELLGATE_13_KV_LD 55870	34.79 2.08 -3.40	33.72 1.78 -4.93	33.04 1.64 -4.59	31.95 1.59 -3.32	32.50 1.69 -2.17	34.86 2.10 0.00	46.26 2.99 0.00	54.78 3.49 0.00	47.82 3.38 0.00	39.63 2.87 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.01 2.97 0.00	46.46 3.40 0.00	55.90 3.71 0.00	66.50 4.23 0.00	59.63 3.69 0.00	52.37 3.43 0.00	46.99 2.74 0.00	43.41 2.95 0.00	41.32 2.70 0.00	38.82 2.47 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.79 2.08 -3.40	33.72 1.78 -4.93	33.04 1.64 -4.59	31.95 1.59 -3.32	32.50 1.69 -2.17	34.86 2.10 0.00	46.26 2.99 0.00	54.78 3.49 0.00	47.82 3.38 0.00	39.63 2.87 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.01 2.97 0.00	46.46 3.40 0.00	55.90 3.71 0.00	66.50 4.23 0.00	59.63 3.69 0.00	52.37 3.43 0.00	46.99 2.74 0.00	43.41 2.95 0.00	41.32 2.70 0.00	38.82 2.47 -0.01
HEMPSTEAD____ 23647	34.52 1.82 -3.39	33.50 1.57 -4.92	32.74 1.34 -4.58	31.57 1.22 -3.32	32.19 1.37 -2.17	34.96 2.20 0.00	46.62 3.33 -0.01	55.03 3.74 0.00	48.04 3.60 0.00	39.86 3.09 -0.01	38.72 2.92 -1.39	37.43 2.72 -2.33	36.83 2.69 -1.68	37.94 2.94 -0.01	46.46 3.12 -5.30	49.52 3.53 -2.94	56.62 3.81 -0.62	66.57 4.29 -0.01	60.36 3.81 -0.61	60.99 3.53 -8.52	59.14 3.01 -11.89	49.26 2.95 -5.85	41.34 2.70 -0.01	38.63 2.29 0.00
HEWLETT_69_KV_BK3 55828	34.90 2.20 -3.39	33.74 1.81 -4.92	32.98 1.58 -4.58	31.84 1.49 -3.32	32.50 1.69 -2.17	35.29 2.52 0.00	46.97 3.68 -0.01	55.19 3.90 0.00	48.27 3.82 0.00	40.12 3.35 -0.01	38.93 3.13 -1.39	37.66 2.95 -2.33	37.06 2.92 -1.68	38.19 3.18 -0.01	47.17 3.39 -5.75	50.07 3.83 -3.18	57.09 4.23 -0.67	67.13 4.86 -0.01	60.86 4.25 -0.66	62.10 3.92 -9.24	60.50 3.36 -12.89	50.16 3.36 -6.34	41.76 3.13 -0.01	38.85 2.51 0.00
HICKLING___1 23621	29.18 -0.94 -0.80	27.31 -0.86 -1.16	26.99 -0.91 -1.08	26.95 -0.86 -0.79	28.24 -0.92 -0.51	32.47 -0.29 0.00	43.23 -0.04 0.00	51.13 -0.15 0.00	44.36 -0.09 0.00	37.02 0.26 0.00	34.30 -0.10 0.00	32.24 -0.19 -0.05	31.91 -0.62 -0.07	34.85 -0.14 0.00	37.89 -0.15 0.00	42.58 -0.47 0.00	51.83 -0.37 0.00	62.20 -0.06 0.00	56.05 0.11 0.00	48.94 0.00 0.00	44.33 0.09 0.00	40.05 -0.40 0.00	38.20 -0.42 0.00	36.23 -0.11 0.00
HICKLING___2 23622	29.18 -0.94 -0.80	27.31 -0.86 -1.16	26.99 -0.91 -1.08	26.95 -0.86 -0.79	28.24 -0.92 -0.51	32.47 -0.29 0.00	43.23 -0.04 0.00	51.13 -0.15 0.00	44.36 -0.09 0.00	37.02 0.26 0.00	34.30 -0.10 0.00	32.24 -0.19 -0.05	31.91 -0.62 -0.07	34.85 -0.14 0.00	37.89 -0.15 0.00	42.58 -0.47 0.00	51.83 -0.37 0.00	62.20 -0.06 0.00	56.05 0.11 0.00	48.94 0.00 0.00	44.33 0.09 0.00	40.05 -0.40 0.00	38.20 -0.42 0.00	36.23 -0.11 0.00
HIGH FALLS___HY 23754	34.28 1.64 -3.33	33.27 1.43 -4.83	32.65 1.34 -4.49	31.56 1.27 -3.26	32.20 1.43 -2.13	34.63 1.87 0.00	46.26 2.99 0.00	54.78 3.49 0.00	47.60 3.16 0.00	39.15 2.39 0.00	37.25 2.06 -0.78	35.65 1.88 -1.38	35.36 1.85 -1.05	37.02 2.03 0.00	40.40 2.36 0.00	46.03 2.97 0.00	55.59 3.39 0.00	66.37 4.11 0.00	59.52 3.58 0.00	52.22 3.28 0.00	46.94 2.70 0.00	43.05 2.59 0.00	40.86 2.24 0.00	38.30 1.96 0.00
HIGH_RIVER___SOLAR 323847	34.81 1.23 -4.26	34.31 1.11 -6.19	33.65 1.07 -5.76	32.29 1.08 -4.18	32.52 1.15 -2.73	34.21 1.44 0.00	45.35 2.08 0.00	53.75 2.46 0.00	46.35 1.91 0.00	37.94 1.18 0.00	35.68 0.89 -0.38	34.00 0.78 -0.83	33.95 0.75 -0.74	35.97 0.98 0.00	39.26 1.22 0.00	44.91 1.85 0.00	54.55 2.35 0.00	65.19 2.93 0.00	58.63 2.69 0.00	51.25 2.30 0.00	46.28 2.04 0.00	42.36 1.90 0.00	40.32 1.70 0.00	37.86 1.53 0.00

HILLBURN___GT 23639	34.00 1.47 -3.22	32.98 1.30 -4.67	32.32 1.15 -4.35	31.32 1.14 -3.15	31.93 1.23 -2.06	34.47 1.70 0.00	45.92 2.64 0.00	54.57 3.29 0.00	47.47 3.02 0.00	39.26 2.50 0.00	38.85 2.31 -2.14	37.95 2.10 -3.46	36.93 2.08 -2.39	37.30 2.31 0.00	40.51 2.47 0.00	45.94 2.89 0.00	55.28 3.08 0.00	66.00 3.74 0.00	59.13 3.19 0.00	51.83 2.89 0.00	46.67 2.43 0.00	42.72 2.26 0.00	40.71 2.08 0.00	38.19 1.85 0.00
HILLSIDE_115KV_TB1 80332	29.03 -1.11 -0.83	27.16 -1.05 -1.21	26.84 -1.10 -1.12	26.79 -1.05 -0.81	28.09 -1.09 -0.53	32.21 -0.56 0.00	42.84 -0.43 0.00	50.62 -0.67 0.00	43.96 -0.49 0.00	36.69 -0.07 0.00	33.99 -0.41 0.00	31.95 -0.49 -0.05	31.62 -0.91 -0.07	34.50 -0.49 0.00	37.47 -0.57 0.00	42.15 -0.90 0.00	51.26 -0.94 0.00	61.52 -0.75 0.00	55.38 -0.56 0.00	48.36 -0.59 0.00	43.84 -0.40 0.00	39.69 -0.77 0.00	37.85 -0.77 0.00	35.83 -0.51 0.00
HISHELDN_WT_PWR 323625	27.49 -2.37 -0.55	25.51 -2.30 -0.79	25.28 -2.28 -0.74	25.38 -2.19 -0.54	26.68 -2.32 -0.35	30.64 -2.13 0.00	41.02 -2.25 0.00	47.85 -3.44 0.00	41.73 -2.71 0.00	35.11 -1.65 0.00	32.51 -1.89 0.00	30.51 -1.91 -0.03	30.30 -2.21 -0.04	33.06 -1.92 0.00	36.10 -1.94 0.00	40.39 -2.67 0.00	49.17 -3.03 0.00	58.78 -3.49 0.00	53.26 -2.68 0.00	46.69 -2.25 0.00	42.43 -1.82 0.00	38.19 -2.26 0.00	36.73 -1.89 0.00	35.03 -1.31 0.00
HOLTSVILLE_IC_1 23690	34.64 1.93 -3.39	33.63 1.70 -4.92	32.79 1.39 -4.58	31.60 1.24 -3.32	32.27 1.46 -2.17	35.22 2.46 0.00	47.01 3.72 -0.01	55.18 3.90 0.00	48.31 3.86 0.00	40.15 3.38 -0.01	38.93 3.13 -1.39	37.69 2.98 -2.33	37.09 2.95 -1.67	38.18 3.18 -0.01	45.05 3.46 -3.55	48.90 3.88 -1.96	56.73 4.12 -0.41	66.88 4.61 -0.01	60.49 4.14 -0.41	58.56 3.92 -5.70	55.73 3.54 -7.95	47.61 3.24 -3.91	41.60 2.97 -0.01	38.77 2.43 0.00
HOLTSVILLE_IC_10 23699	34.79 2.08 -3.39	33.77 1.84 -4.92	32.93 1.53 -4.58	31.70 1.35 -3.32	32.39 1.57 -2.17	35.39 2.62 0.00	47.22 3.94 -0.01	55.49 4.21 0.00	48.58 4.13 0.00	40.38 3.60 -0.01	39.13 3.34 -1.39	37.89 3.18 -2.33	37.25 3.12 -1.67	38.43 3.43 -0.01	45.34 3.73 -3.57	49.13 4.09 -1.98	57.10 4.49 -0.42	67.32 5.04 -0.01	60.94 4.59 -0.41	58.89 4.21 -5.74	56.06 3.81 -8.01	47.88 3.48 -3.94	41.83 3.20 -0.01	38.96 2.62 0.00
HOLTSVILLE_IC_2 23691	34.64 1.93 -3.39	33.63 1.70 -4.92	32.79 1.39 -4.58	31.60 1.24 -3.32	32.27 1.46 -2.17	35.22 2.46 0.00	47.01 3.72 -0.01	55.18 3.90 0.00	48.31 3.86 0.00	40.15 3.38 -0.01	38.93 3.13 -1.39	37.69 2.98 -2.33	37.09 2.95 -1.67	38.18 3.18 -0.01	45.05 3.46 -3.55	48.90 3.88 -1.96	56.73 4.12 -0.41	66.88 4.61 -0.01	60.49 4.14 -0.41	58.56 3.92 -5.70	55.73 3.54 -7.95	47.61 3.24 -3.91	41.60 2.97 -0.01	38.77 2.43 0.00
HOLTSVILLE_IC_3 23692	34.64 1.93 -3.39	33.63 1.70 -4.92	32.79 1.39 -4.58	31.60 1.24 -3.32	32.27 1.46 -2.17	35.22 2.46 0.00	47.01 3.72 -0.01	55.18 3.90 0.00	48.31 3.86 0.00	40.15 3.38 -0.01	38.93 3.13 -1.39	37.69 2.98 -2.33	37.09 2.95 -1.67	38.18 3.18 -0.01	45.05 3.46 -3.55	48.90 3.88 -1.96	56.73 4.12 -0.41	66.88 4.61 -0.01	60.49 4.14 -0.41	58.56 3.92 -5.70	55.73 3.54 -7.95	47.61 3.24 -3.91	41.60 2.97 -0.01	38.77 2.43 0.00
HOLTSVILLE_IC_4 23693	34.64 1.93 -3.39	33.63 1.70 -4.92	32.79 1.39 -4.58	31.60 1.24 -3.32	32.27 1.46 -2.17	35.22 2.46 0.00	47.01 3.72 -0.01	55.18 3.90 0.00	48.31 3.86 0.00	40.15 3.38 -0.01	38.93 3.13 -1.39	37.69 2.98 -2.33	37.09 2.95 -1.67	38.18 3.18 -0.01	45.05 3.46 -3.55	48.90 3.88 -1.96	56.73 4.12 -0.41	66.88 4.61 -0.01	60.49 4.14 -0.41	58.56 3.92 -5.70	55.73 3.54 -7.95	47.61 3.24 -3.91	41.60 2.97 -0.01	38.77 2.43 0.00
HOLTSVILLE_IC_5 23694	34.64 1.93 -3.39	33.63 1.70 -4.92	32.79 1.39 -4.58	31.60 1.24 -3.32	32.27 1.46 -2.17	35.22 2.46 0.00	47.01 3.72 -0.01	55.18 3.90 0.00	48.31 3.86 0.00	40.15 3.38 -0.01	38.93 3.13 -1.39	37.69 2.98 -2.33	37.09 2.95 -1.67	38.18 3.18 -0.01	45.05 3.46 -3.55	48.90 3.88 -1.96	56.73 4.12 -0.41	66.88 4.61 -0.01	60.49 4.14 -0.41	58.56 3.92 -5.70	55.73 3.54 -7.95	47.61 3.24 -3.91	41.60 2.97 -0.01	38.77 2.43 0.00
HOLTSVILLE_IC_6 23695	34.79 2.08 -3.39	33.77 1.84 -4.92	32.93 1.53 -4.58	31.70 1.35 -3.32	32.39 1.57 -2.17	35.39 2.62 0.00	47.22 3.94 -0.01	55.49 4.21 0.00	48.58 4.13 0.00	40.38 3.60 -0.01	39.13 3.34 -1.39	37.89 3.18 -2.33	37.25 3.12 -1.67	38.43 3.43 -0.01	45.34 3.73 -3.57	49.13 4.09 -1.98	57.10 4.49 -0.42	67.32 5.04 -0.01	60.94 4.59 -0.41	58.89 4.21 -5.74	56.06 3.81 -8.01	47.88 3.48 -3.94	41.83 3.20 -0.01	38.96 2.62 0.00
HOLTSVILLE_IC_7 23696	34.79 2.08 -3.39	33.77 1.84 -4.92	32.93 1.53 -4.58	31.70 1.35 -3.32	32.39 1.57 -2.17	35.39 2.62 0.00	47.22 3.94 -0.01	55.49 4.21 0.00	48.58 4.13 0.00	40.38 3.60 -0.01	39.13 3.34 -1.39	37.89 3.18 -2.33	37.25 3.12 -1.67	38.43 3.43 -0.01	45.34 3.73 -3.57	49.13 4.09 -1.98	57.10 4.49 -0.42	67.32 5.04 -0.01	60.94 4.59 -0.41	58.89 4.21 -5.74	56.06 3.81 -8.01	47.88 3.48 -3.94	41.83 3.20 -0.01	38.96 2.62 0.00
HOLTSVILLE_IC_8 23697	34.79 2.08 -3.39	33.77 1.84 -4.92	32.93 1.53 -4.58	31.70 1.35 -3.32	32.39 1.57 -2.17	35.39 2.62 0.00	47.22 3.94 -0.01	55.49 4.21 0.00	48.58 4.13 0.00	40.38 3.60 -0.01	39.13 3.34 -1.39	37.89 3.18 -2.33	37.25 3.12 -1.67	38.43 3.43 -0.01	45.34 3.73 -3.57	49.13 4.09 -1.98	57.10 4.49 -0.42	67.32 5.04 -0.01	60.94 4.59 -0.41	58.89 4.21 -5.74	56.06 3.81 -8.01	47.88 3.48 -3.94	41.83 3.20 -0.01	38.96 2.62 0.00
HOLTSVILLE_IC_9 23698	34.79 2.08 -3.39	33.77 1.84 -4.92	32.93 1.53 -4.58	31.70 1.35 -3.32	32.39 1.57 -2.17	35.39 2.62 0.00	47.22 3.94 -0.01	55.49 4.21 0.00	48.58 4.13 0.00	40.38 3.60 -0.01	39.13 3.34 -1.39	37.89 3.18 -2.33	37.25 3.12 -1.67	38.43 3.43 -0.01	45.34 3.73 -3.57	49.13 4.09 -1.98	57.10 4.49 -0.42	67.32 5.04 -0.01	60.94 4.59 -0.41	58.89 4.21 -5.74	56.06 3.81 -8.01	47.88 3.48 -3.94	41.83 3.20 -0.01	38.96 2.62 0.00
HOMER_HL_115KV_TB2 355744	26.91 -2.96 -0.56	24.91 -2.92 -0.81	24.60 -2.98 -0.76	24.71 -2.87 -0.55	26.05 -2.95 -0.36	31.65 -1.11 0.00	42.24 -1.04 0.00	49.49 -1.80 0.00	43.07 -1.38 0.00	36.40 -0.37 0.00	33.51 -0.89 0.00	31.29 -1.13 -0.03	29.85 -2.66 -0.05	33.80 -1.19 0.00	36.82 -1.22 0.00	41.08 -1.98 0.00	50.11 -2.09 0.00	60.33 -1.93 0.00	54.38 -1.57 0.00	47.62 -1.32 0.00	43.31 -0.93 0.00	38.76 -1.70 0.00	37.04 -1.58 0.00	35.50 -0.84 0.00
HOWARD_WT_PWR 323690	27.80 -2.17 -0.66	25.96 -2.00 -0.95	25.75 -1.96 -0.89	25.76 -1.92 -0.64	27.09 -1.98 -0.42	31.29 -1.47 0.00	42.06 -1.21 0.00	49.85 -1.44 0.00	43.38 -1.07 0.00	36.32 -0.44 0.00	33.58 -0.83 0.00	31.45 -0.97 -0.04	31.18 -1.33 -0.05	34.22 -0.77 0.00	37.36 -0.68 0.00	42.07 -0.99 0.00	51.31 -0.89 0.00	61.76 -0.50 0.00	55.83 -0.11 0.00	48.80 -0.15 0.00	44.29 0.04 0.00	39.89 -0.57 0.00	38.12 -0.50 0.00	36.16 -0.18 0.00

HQ_GEN_CEDARS 23644	10.96 -2.52 15.83	7.09 -2.35 17.56	6.91 -2.33 17.58	7.21 -2.32 17.49	8.20 -2.49 17.95	20.51 -3.08 9.18	39.60 -3.68 0.00	47.13 -4.15 0.00	40.18 -4.27 0.00	32.82 -3.93 0.01	30.85 -3.54 0.01	19.27 -3.27 9.85	27.32 -3.12 2.03	31.55 -3.43 0.01	34.65 -3.39 0.00	39.83 -3.23 0.00	48.91 -3.29 0.00	58.40 -3.86 0.00	52.59 -3.36 0.00	45.67 -3.28 0.00	42.03 -2.21 0.00	37.67 -2.79 0.00	36.65 -1.97 0.00	34.99 -1.34 0.00
HQ_GEN_CEDARS_PROXY 323590	10.96 -2.52 15.83	7.09 -2.35 17.56	6.91 -2.33 17.58	7.19 -2.35 17.49	8.20 -2.49 17.95	20.54 -3.05 9.18	39.60 -3.68 0.00	47.14 -4.15 0.00	40.22 -4.22 0.00	32.82 -3.93 0.01	30.85 -3.54 0.01	19.30 -3.24 9.85	27.32 -3.12 2.03	31.55 -3.43 0.01	34.65 -3.39 0.00	39.83 -3.23 0.00	48.91 -3.29 0.00	58.40 -3.86 0.00	52.59 -3.36 0.00	45.67 -3.28 0.00	42.03 -2.21 0.00	37.67 -2.79 0.00	36.61 -2.01 0.00	34.99 -1.34 0.00
HQ_GEN_IMPORT 323601	29.31 0.00 0.00	27.01 0.00 0.00	26.82 0.00 0.00	27.03 0.00 0.00	28.65 0.00 0.00	32.77 0.00 0.00	43.28 0.00 0.00	51.29 0.00 0.00	44.44 0.00 0.00	36.76 0.00 0.00	34.40 0.00 0.00	32.39 0.00 0.00	32.46 0.00 0.00	34.99 0.00 0.00	38.04 0.00 0.00	43.06 0.00 0.00	52.20 0.00 0.00	62.26 0.00 0.00	55.94 0.00 0.00	48.94 0.00 0.00	44.24 0.00 0.00	40.46 0.00 0.00	38.62 0.00 0.00	36.34 0.00 0.00
HQ_GEN_WHEEL 23651	29.31 0.00 0.00	27.01 0.00 0.00	26.82 0.00 0.00	27.03 0.00 0.00	28.65 0.00 0.00	32.77 0.00 0.00	43.28 0.00 0.00	51.29 0.00 0.00	44.44 0.00 0.00	36.76 0.00 0.00	34.40 0.00 0.00	32.39 0.00 0.00	32.46 0.00 0.00	34.99 0.00 0.00	38.04 0.00 0.00	43.06 0.00 0.00	52.20 0.00 0.00	62.26 0.00 0.00	55.94 0.00 0.00	48.94 0.00 0.00	44.24 0.00 0.00	40.46 0.00 0.00	38.62 0.00 0.00	36.34 0.00 0.00
HUDSON_AVE_GT_3 23810	34.64 1.93 -3.39	33.55 1.62 -4.92	32.90 1.50 -4.58	31.81 1.46 -3.32	32.36 1.55 -2.17	34.83 2.06 0.00	46.43 3.16 0.00	55.08 3.80 0.00	48.00 3.56 0.00	39.78 3.01 0.00	38.69 2.89 -1.39	37.40 2.69 -2.33	36.76 2.63 -1.67	37.93 2.94 0.00	41.16 3.12 0.00	46.59 3.53 0.00	56.11 3.91 0.00	66.75 4.48 0.00	59.86 3.92 0.00	52.57 3.62 0.00	47.16 2.92 0.00	43.45 2.99 0.00	41.29 2.66 0.00	38.63 2.29 0.00
HUDSON_AVE_GT_4 23540	34.64 1.93 -3.39	33.55 1.62 -4.92	32.90 1.50 -4.58	31.81 1.46 -3.32	32.36 1.55 -2.17	34.83 2.06 0.00	46.43 3.16 0.00	55.08 3.80 0.00	48.00 3.56 0.00	39.78 3.01 0.00	38.69 2.89 -1.39	37.40 2.69 -2.33	36.76 2.63 -1.67	37.93 2.94 0.00	41.16 3.12 0.00	46.59 3.53 0.00	56.11 3.91 0.00	66.75 4.48 0.00	59.86 3.92 0.00	52.57 3.62 0.00	47.16 2.92 0.00	43.45 2.99 0.00	41.29 2.66 0.00	38.63 2.29 0.00
HUDSON_AVE_GT_5 23657	34.64 1.93 -3.39	33.55 1.62 -4.92	32.90 1.50 -4.58	31.81 1.46 -3.32	32.36 1.55 -2.17	34.83 2.06 0.00	46.43 3.16 0.00	55.08 3.80 0.00	48.00 3.56 0.00	39.78 3.01 0.00	38.69 2.89 -1.39	37.40 2.69 -2.33	36.76 2.63 -1.67	37.93 2.94 0.00	41.16 3.12 0.00	46.59 3.53 0.00	56.11 3.91 0.00	66.75 4.48 0.00	59.86 3.92 0.00	52.57 3.62 0.00	47.16 2.92 0.00	43.45 2.99 0.00	41.29 2.66 0.00	38.63 2.29 0.00
HUDSON_AVE_10 24168	34.52 1.82 -3.39	33.44 1.51 -4.92	32.77 1.37 -4.58	31.68 1.32 -3.32	32.22 1.40 -2.17	34.70 1.93 0.00	46.26 2.99 0.00	54.88 3.59 0.00	47.87 3.42 0.00	39.67 2.90 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.67	37.82 2.83 0.00	41.05 3.01 0.00	46.46 3.40 0.00	55.96 3.76 0.00	66.56 4.30 0.00	59.69 3.75 0.00	52.42 3.48 0.00	47.03 2.79 0.00	43.33 2.87 0.00	41.17 2.55 0.00	38.48 2.14 0.00
HUDSON___115KV_TB 4 355613	34.05 0.82 -3.91	33.45 0.76 -5.68	32.89 0.78 -5.29	31.68 0.81 -3.84	32.01 0.86 -2.50	33.98 1.21 0.00	44.92 1.64 0.00	53.19 1.90 0.00	45.87 1.42 0.00	37.68 0.92 0.00	36.11 1.17 -0.53	34.47 1.04 -1.04	34.32 1.01 -0.86	36.11 1.12 0.00	39.37 1.33 0.00	44.48 1.42 0.00	53.87 1.67 0.00	64.44 2.18 0.00	57.90 1.96 0.00	50.61 1.66 0.00	45.75 1.50 0.00	42.12 1.66 0.00	40.32 1.70 0.00	37.90 1.56 0.00
HUNTER MOUNT___DRP 323613	33.90 0.76 -3.82	33.26 0.70 -5.55	32.73 0.75 -5.16	31.53 0.76 -3.74	31.92 0.83 -2.44	34.08 1.31 0.00	45.05 1.77 0.00	53.29 2.00 0.00	45.87 1.42 0.00	37.53 0.77 0.00	36.03 1.03 -0.60	34.40 0.87 -1.14	34.25 0.88 -0.91	35.93 0.94 0.00	39.26 1.22 0.00	44.43 1.38 0.00	53.87 1.67 0.00	64.50 2.24 0.00	58.01 2.07 0.00	50.66 1.71 0.00	45.83 1.59 0.00	42.16 1.70 0.00	40.36 1.74 0.00	37.97 1.64 0.00
HUNTINGTON_RES_REC 323705	34.82 2.11 -3.39	33.79 1.86 -4.92	32.95 1.56 -4.58	31.76 1.40 -3.32	32.42 1.60 -2.17	35.39 2.62 0.00	47.22 3.94 -0.01	55.54 4.25 0.00	48.58 4.13 0.00	40.34 3.56 -0.01	39.13 3.34 -1.39	37.85 3.14 -2.33	37.22 3.09 -1.67	38.39 3.39 -0.01	45.28 3.65 -3.59	49.18 4.13 -1.99	57.21 4.59 -0.42	67.44 5.17 -0.01	61.00 4.64 -0.42	59.02 4.31 -5.76	56.09 3.81 -8.04	47.93 3.52 -3.96	41.87 3.24 -0.01	38.99 2.65 0.00
HUNTLEY___63 23557	27.82 -1.96 -0.47	25.69 -2.00 -0.68	25.50 -1.96 -0.64	25.57 -1.92 -0.46	26.97 -1.98 -0.30	30.83 -1.93 0.00	40.89 -2.38 0.00	47.54 -3.74 0.00	41.47 -2.98 0.00	34.96 -1.80 0.00	32.55 -1.86 0.00	30.47 -1.94 -0.03	30.46 -2.05 -0.04	32.92 -2.06 0.00	35.91 -2.13 0.00	40.09 -2.97 0.00	48.65 -3.55 0.00	57.84 -4.42 0.00	52.42 -3.52 0.00	46.06 -2.89 0.00	41.76 -2.48 0.00	37.26 -3.20 0.00	35.99 -2.63 0.00	34.67 -1.67 0.00
HUNTLEY___64 23558	27.82 -1.96 -0.47	25.69 -2.00 -0.68	25.50 -1.96 -0.64	25.57 -1.92 -0.46	26.97 -1.98 -0.30	30.83 -1.93 0.00	40.89 -2.38 0.00	47.54 -3.74 0.00	41.47 -2.98 0.00	34.96 -1.80 0.00	32.55 -1.86 0.00	30.47 -1.94 -0.03	30.46 -2.05 -0.04	32.92 -2.06 0.00	35.91 -2.13 0.00	40.09 -2.97 0.00	48.65 -3.55 0.00	57.84 -4.42 0.00	52.42 -3.52 0.00	46.06 -2.89 0.00	41.76 -2.48 0.00	37.26 -3.20 0.00	35.99 -2.63 0.00	34.67 -1.67 0.00
HUNTLEY___65 23559	27.82 -1.96 -0.47	25.69 -2.00 -0.68	25.50 -1.96 -0.64	25.57 -1.92 -0.46	26.97 -1.98 -0.30	30.83 -1.93 0.00	40.89 -2.38 0.00	47.54 -3.74 0.00	41.47 -2.98 0.00	34.96 -1.80 0.00	32.55 -1.86 0.00	30.47 -1.94 -0.03	30.46 -2.05 -0.04	32.92 -2.06 0.00	35.91 -2.13 0.00	40.09 -2.97 0.00	48.65 -3.55 0.00	57.84 -4.42 0.00	52.42 -3.52 0.00	46.06 -2.89 0.00	41.76 -2.48 0.00	37.26 -3.20 0.00	35.99 -2.63 0.00	34.67 -1.67 0.00
HUNTLEY___66 23560	27.82 -1.96 -0.47	25.69 -2.00 -0.68	25.50 -1.96 -0.64	25.57 -1.92 -0.46	26.97 -1.98 -0.30	30.83 -1.93 0.00	40.89 -2.38 0.00	47.54 -3.74 0.00	41.47 -2.98 0.00	34.96 -1.80 0.00	32.55 -1.86 0.00	30.47 -1.94 -0.03	30.46 -2.05 -0.04	32.92 -2.06 0.00	35.91 -2.13 0.00	40.09 -2.97 0.00	48.65 -3.55 0.00	57.84 -4.42 0.00	52.42 -3.52 0.00	46.06 -2.89 0.00	41.76 -2.48 0.00	37.26 -3.20 0.00	35.99 -2.63 0.00	34.67 -1.67 0.00

HUNTLEY___67 23561	27.54 -2.26 -0.48	25.47 -2.24 -0.70	25.24 -2.23 -0.65	25.34 -2.16 -0.47	26.72 -2.23 -0.31	30.60 -2.16 0.00	40.51 -2.77 0.00	47.13 -4.15 0.00	41.07 -3.38 0.00	34.63 -2.13 0.00	32.24 -2.17 0.00	30.21 -2.20 -0.03	30.13 -2.37 -0.04	32.61 -2.38 0.00	35.53 -2.51 0.00	39.70 -3.36 0.00	48.13 -4.07 0.00	57.41 -4.86 0.00	52.03 -3.92 0.00	45.67 -3.28 0.00	41.41 -2.83 0.00	37.02 -3.44 0.00	35.76 -2.86 0.00	34.45 -1.89 0.00
HUNTLEY___68 23562	27.54 -2.26 -0.48	25.47 -2.24 -0.70	25.24 -2.23 -0.65	25.34 -2.16 -0.47	26.72 -2.23 -0.31	30.60 -2.16 0.00	40.51 -2.77 0.00	47.13 -4.15 0.00	41.07 -3.38 0.00	34.63 -2.13 0.00	32.24 -2.17 0.00	30.21 -2.20 -0.03	30.13 -2.37 -0.04	32.61 -2.38 0.00	35.53 -2.51 0.00	39.70 -3.36 0.00	48.13 -4.07 0.00	57.41 -4.86 0.00	52.03 -3.92 0.00	45.67 -3.28 0.00	41.41 -2.83 0.00	37.02 -3.44 0.00	35.76 -2.86 0.00	34.45 -1.89 0.00
HYLAND___LFGE 323620	29.41 -0.44 -0.54	27.36 -0.43 -0.78	27.20 -0.35 -0.73	27.15 -0.40 -0.53	28.62 -0.37 -0.34	32.50 -0.26 0.00	43.80 0.52 0.00	51.75 0.46 0.00	44.49 0.04 0.00	36.62 -0.15 0.00	33.68 -0.72 0.00	31.51 -0.91 -0.03	31.53 -0.97 -0.04	34.15 -0.84 0.00	37.28 -0.76 0.00	42.28 -0.77 0.00	52.04 -0.16 0.00	62.89 0.62 0.00	57.45 1.51 0.00	50.27 1.32 0.00	45.44 1.20 0.00	40.86 0.40 0.00	38.93 0.31 0.00	36.70 0.36 0.00
INDECK___CORINTH 23802	35.33 1.88 -4.13	34.71 1.70 -6.00	34.04 1.64 -5.58	32.70 1.62 -4.05	32.98 1.69 -2.64	34.89 2.13 0.00	46.39 3.12 0.00	55.08 3.80 0.00	47.60 3.16 0.00	39.04 2.28 0.00	36.93 2.10 -0.43	35.16 1.88 -0.90	35.05 1.82 -0.77	36.98 1.99 0.00	40.36 2.32 0.00	45.85 2.80 0.00	55.64 3.44 0.00	66.50 4.24 0.00	59.80 3.86 0.00	52.22 3.28 0.00	47.16 2.92 0.00	43.09 2.63 0.00	40.98 2.36 0.00	38.56 2.22 0.00
INDECK___ILION 23567	29.20 -0.12 0.00	26.90 -0.11 0.00	26.71 -0.11 0.00	26.92 -0.11 0.00	28.56 -0.09 0.00	32.67 -0.10 0.00	43.19 -0.09 0.00	51.29 0.00 0.00	44.44 0.00 0.00	36.73 -0.04 0.00	34.40 0.00 0.00	32.35 -0.03 0.00	32.46 0.00 0.00	34.99 0.00 0.00	38.08 0.04 0.00	43.19 0.13 0.00	52.46 0.26 0.00	62.57 0.31 0.00	56.28 0.34 0.00	49.19 0.24 0.00	44.51 0.27 0.00	40.70 0.24 0.00	38.85 0.23 0.00	36.56 0.22 0.00
INDECK___OLEAN 23982	26.92 -2.96 -0.56	24.93 -2.89 -0.81	24.63 -2.95 -0.76	24.74 -2.84 -0.55	26.05 -2.95 -0.36	31.42 -1.34 0.00	42.28 -0.99 0.00	49.44 -1.84 0.00	43.07 -1.38 0.00	36.40 -0.37 0.00	33.48 -0.93 0.00	30.96 -1.46 -0.03	29.72 -2.79 -0.05	33.80 -1.19 0.00	36.86 -1.18 0.00	41.08 -1.98 0.00	50.16 -2.04 0.00	60.33 -1.93 0.00	54.38 -1.57 0.00	47.63 -1.32 0.00	43.40 -0.84 0.00	38.96 -1.50 0.00	37.19 -1.43 0.00	35.54 -0.80 0.00
INDECK___OSWEGO 23783	28.38 -0.62 0.32	26.20 -0.54 0.27	25.99 -0.54 0.29	26.08 -0.57 0.38	27.56 -0.60 0.48	31.69 -0.75 0.32	42.11 -1.17 0.00	49.85 -1.44 0.00	43.20 -1.24 0.00	35.77 -0.99 0.00	33.41 -1.00 0.00	31.11 -0.94 0.33	31.50 -0.91 0.05	33.97 -1.02 0.00	36.94 -1.10 0.00	41.77 -1.29 0.00	50.63 -1.56 0.00	60.52 -1.74 0.00	54.43 -1.51 0.00	47.57 -1.37 0.00	43.00 -1.24 0.00	39.25 -1.21 0.00	37.42 -1.20 0.00	35.21 -1.13 0.00
INDECK___YERKES 23781	27.91 -1.88 -0.47	25.80 -1.89 -0.68	25.63 -1.82 -0.64	25.71 -1.78 -0.46	27.03 -1.92 -0.30	30.73 -2.03 0.00	41.02 -2.25 0.00	47.55 -3.74 0.00	41.51 -2.93 0.00	35.04 -1.73 0.00	32.55 -1.86 0.00	30.50 -1.91 -0.03	30.49 -2.01 -0.04	32.96 -2.03 0.00	35.99 -2.05 0.00	40.13 -2.93 0.00	48.75 -3.45 0.00	57.97 -4.30 0.00	52.53 -3.41 0.00	46.10 -2.84 0.00	41.85 -2.39 0.00	37.62 -2.83 0.00	36.34 -2.28 0.00	34.70 -1.63 0.00
INDIAN POINT_GT_1 24139	34.19 1.55 -3.33	33.19 1.35 -4.83	32.55 1.23 -4.49	31.51 1.22 -3.26	32.09 1.32 -2.13	34.50 1.74 0.00	45.96 2.68 0.00	54.52 3.23 0.00	47.47 3.02 0.00	39.23 2.46 0.00	38.32 2.31 -1.61	37.18 2.14 -2.66	36.45 2.11 -1.88	37.33 2.34 0.00	40.55 2.51 0.00	45.94 2.88 0.00	55.33 3.13 0.00	65.94 3.67 0.00	59.13 3.19 0.00	51.83 2.89 0.00	46.68 2.43 0.00	42.85 2.39 0.00	40.82 2.20 0.00	38.23 1.89 0.00
INDIAN POINT_GT_2 23659	34.19 1.55 -3.33	33.19 1.35 -4.83	32.55 1.23 -4.49	31.51 1.22 -3.26	32.09 1.32 -2.13	34.50 1.74 0.00	45.96 2.68 0.00	54.52 3.23 0.00	47.47 3.02 0.00	39.23 2.46 0.00	38.32 2.31 -1.61	37.18 2.14 -2.66	36.45 2.11 -1.88	37.33 2.34 0.00	40.55 2.51 0.00	45.94 2.88 0.00	55.33 3.13 0.00	65.94 3.67 0.00	59.13 3.19 0.00	51.83 2.89 0.00	46.68 2.43 0.00	42.85 2.39 0.00	40.82 2.20 0.00	38.23 1.89 0.00
INDIAN POINT_GT_3 24019	34.19 1.55 -3.33	33.19 1.35 -4.83	32.55 1.23 -4.49	31.51 1.22 -3.26	32.09 1.32 -2.13	34.50 1.74 0.00	45.96 2.68 0.00	54.52 3.23 0.00	47.47 3.02 0.00	39.23 2.46 0.00	38.32 2.31 -1.61	37.18 2.14 -2.66	36.45 2.11 -1.88	37.33 2.34 0.00	40.55 2.51 0.00	45.94 2.88 0.00	55.33 3.13 0.00	65.94 3.67 0.00	59.13 3.19 0.00	51.83 2.89 0.00	46.68 2.43 0.00	42.85 2.39 0.00	40.82 2.20 0.00	38.23 1.89 0.00
INDIAN POINT___2 23530	33.98 1.41 -3.25	32.98 1.24 -4.73	32.34 1.13 -4.40	31.33 1.11 -3.19	31.93 1.20 -2.08	34.44 1.67 0.00	45.83 2.55 0.00	54.47 3.18 0.00	47.38 2.93 0.00	39.19 2.43 0.00	38.47 2.24 -1.83	37.44 2.07 -2.98	36.59 2.05 -2.08	37.26 2.27 0.00	40.44 2.40 0.00	45.85 2.80 0.00	55.17 2.97 0.00	65.81 3.55 0.00	59.02 3.07 0.00	51.73 2.79 0.00	46.59 2.34 0.00	42.60 2.14 0.00	40.71 2.08 0.00	38.19 1.85 0.00
INDIAN POINT___3 23531	34.24 1.58 -3.35	33.22 1.35 -4.86	32.60 1.26 -4.52	31.53 1.22 -3.28	32.10 1.32 -2.14	34.50 1.74 0.00	45.96 2.68 0.00	54.52 3.23 0.00	47.42 2.98 0.00	39.26 2.50 0.00	38.31 2.34 -1.56	37.14 2.17 -2.59	36.43 2.14 -1.83	37.33 2.34 0.00	40.55 2.51 0.00	45.94 2.88 0.00	55.33 3.13 0.00	65.94 3.67 0.00	59.13 3.19 0.00	51.83 2.89 0.00	46.68 2.43 0.00	42.89 2.43 0.00	40.78 2.16 0.00	38.19 1.85 0.00
INGHAM_C_115KV_TB7 356103	28.90 -0.41 0.00	26.66 -0.35 0.00	26.47 -0.35 0.00	26.68 -0.35 0.00	28.27 -0.37 0.00	32.37 -0.39 0.00	42.80 -0.48 0.00	50.93 -0.36 0.00	44.18 -0.27 0.00	36.47 -0.29 0.00	34.16 -0.24 0.00	32.13 -0.26 0.00	32.24 -0.23 0.00	34.74 -0.24 0.00	37.89 -0.15 0.00	43.06 0.00 0.00	52.30 0.10 0.00	62.51 0.25 0.00	56.22 0.28 0.00	49.19 0.24 0.00	44.51 0.27 0.00	40.78 0.32 0.00	38.89 0.27 0.00	36.63 0.29 0.00
IP CORINTH___1 23988	35.35 1.91 -4.13	34.74 1.73 -6.00	34.04 1.64 -5.58	32.70 1.62 -4.05	33.01 1.72 -2.64	35.03 2.26 0.00	46.39 3.12 0.00	55.08 3.80 0.00	47.60 3.16 0.00	39.04 2.28 0.00	36.93 2.10 -0.43	35.20 1.91 -0.90	35.05 1.82 -0.77	36.98 1.99 0.00	40.36 2.32 0.00	45.86 2.80 0.00	55.64 3.45 0.00	66.50 4.23 0.00	59.80 3.86 0.00	52.22 3.28 0.00	47.16 2.92 0.00	43.09 2.63 0.00	41.02 2.39 0.00	38.56 2.22 0.00

IP___TICONDEROGA 23804	36.58 3.14 -4.13	35.81 2.81 -5.99	35.08 2.68 -5.58	33.73 2.65 -4.05	34.06 2.78 -2.64	36.50 3.74 0.00	48.38 5.11 0.00	57.49 6.21 0.00	49.51 5.07 0.00	40.44 3.68 0.00	38.21 3.37 -0.43	36.37 3.08 -0.90	36.16 2.92 -0.77	38.21 3.22 0.00	41.88 3.84 0.00	47.71 4.65 0.00	58.04 5.85 0.00	69.61 7.35 0.00	62.71 6.77 0.00	54.62 5.68 0.00	49.33 5.09 0.00	44.91 4.45 0.00	42.60 3.98 0.00	40.01 3.67 0.00
ISLIP_RES_REC 323679	34.87 2.17 -3.39	33.88 1.95 -4.92	33.01 1.61 -4.58	31.81 1.46 -3.32	32.47 1.66 -2.17	35.52 2.75 0.00	47.44 4.15 -0.01	55.70 4.41 0.00	48.80 4.36 0.00	40.56 3.79 -0.01	39.27 3.47 -1.39	38.02 3.30 -2.33	37.38 3.25 -1.67	38.57 3.57 -0.01	45.55 3.92 -3.59	49.39 4.35 -1.99	57.37 4.75 -0.42	67.69 5.41 -0.01	61.22 4.86 -0.41	59.21 4.50 -5.76	56.36 4.07 -8.05	48.10 3.68 -3.96	41.99 3.36 -0.01	39.07 2.73 0.00
JAMAICA__27_KV_LOAD 355505	34.43 1.73 -3.39	33.33 1.40 -4.92	32.69 1.29 -4.58	31.57 1.22 -3.32	32.10 1.29 -2.17	34.67 1.90 0.00	46.35 3.07 0.00	54.98 3.69 0.00	48.00 3.56 0.00	39.81 3.05 0.00	38.76 2.96 -1.39	37.47 2.75 -2.33	36.82 2.69 -1.67	38.00 3.01 0.00	41.20 3.16 0.00	46.54 3.49 0.00	56.06 3.86 0.00	66.81 4.55 0.00	59.91 3.97 0.00	52.62 3.67 0.00	47.12 2.88 0.00	43.49 3.03 0.00	41.25 2.63 0.00	38.48 2.14 0.00
JANIS___SOLAR 323808	31.14 0.97 -0.86	29.20 0.94 -1.24	28.89 0.91 -1.15	28.81 0.95 -0.84	30.17 0.97 -0.55	34.11 1.34 0.00	45.52 2.25 0.00	54.26 2.97 0.00	46.58 2.13 0.00	38.23 1.47 0.00	35.27 1.03 0.17	33.00 0.81 0.20	33.12 0.75 0.09	36.07 1.09 0.00	39.41 1.37 0.00	44.82 1.77 0.00	54.96 2.76 0.00	66.00 3.74 0.00	59.47 3.53 0.00	51.78 2.84 0.00	46.76 2.52 0.00	42.44 1.98 0.00	40.24 1.62 0.00	37.83 1.49 0.00
JARVIS____ 23743	29.29 -0.03 0.00	26.98 -0.03 0.00	26.79 -0.03 0.00	27.00 -0.03 0.00	28.62 -0.03 0.00	32.77 0.00 0.00	43.28 0.00 0.00	51.34 0.05 0.00	44.49 0.04 0.00	36.76 0.00 0.00	34.40 0.00 0.00	32.39 0.00 0.00	32.46 0.00 0.00	34.99 0.00 0.00	38.08 0.04 0.00	43.10 0.04 0.00	52.25 0.05 0.00	62.33 0.06 0.00	56.00 0.06 0.00	48.99 0.05 0.00	44.29 0.04 0.00	40.50 0.04 0.00	38.70 0.08 0.00	36.41 0.07 0.00
JENNISON___1 23625	31.60 1.17 -1.11	29.73 1.11 -1.61	29.45 1.13 -1.50	29.28 1.16 -1.09	30.56 1.20 -0.71	34.44 1.67 0.00	45.91 2.64 0.00	54.83 3.54 0.00	47.29 2.84 0.00	38.89 2.13 0.00	35.95 1.75 0.21	33.65 1.52 0.26	33.78 1.43 0.11	36.81 1.82 0.00	40.13 2.09 0.00	45.55 2.50 0.00	55.59 3.39 0.00	66.62 4.36 0.00	59.91 3.97 0.00	52.27 3.33 0.00	47.16 2.92 0.00	42.85 2.39 0.00	40.63 2.01 0.00	38.23 1.89 0.00
JENNISON___2 23626	31.60 1.17 -1.11	29.73 1.11 -1.61	29.45 1.13 -1.50	29.28 1.16 -1.09	30.56 1.20 -0.71	34.44 1.67 0.00	45.91 2.64 0.00	54.83 3.54 0.00	47.29 2.84 0.00	38.89 2.13 0.00	35.95 1.75 0.21	33.65 1.52 0.26	33.78 1.43 0.11	36.81 1.82 0.00	40.13 2.09 0.00	45.55 2.50 0.00	55.59 3.39 0.00	66.62 4.36 0.00	59.91 3.97 0.00	52.27 3.33 0.00	47.16 2.92 0.00	42.85 2.39 0.00	40.63 2.01 0.00	38.23 1.89 0.00
JERICHO_RISE_WT_PWR 323719	9.54 -3.22 16.55	5.60 -3.02 18.39	5.39 -3.03 18.40	5.66 -3.08 18.29	6.55 -3.35 18.75	19.14 -4.06 9.57	38.26 -5.02 0.00	45.54 -5.74 0.00	38.93 -5.51 0.00	31.76 -5.00 0.01	29.82 -4.58 0.01	17.88 -4.24 10.26	26.29 -4.06 2.12	30.57 -4.41 0.01	33.67 -4.37 0.00	38.92 -4.13 0.00	47.92 -4.28 0.00	57.28 -4.98 0.00	51.52 -4.42 0.00	44.78 -4.16 0.00	41.28 -2.96 0.00	37.02 -3.44 0.00	36.15 -2.47 0.00	34.63 -1.71 0.00
KATONAH___115KV_46KV_TB4 355592	34.52 1.79 -3.41	33.50 1.54 -4.95	32.88 1.45 -4.61	31.78 1.41 -3.34	32.32 1.49 -2.18	34.70 1.93 0.00	46.26 2.99 0.00	54.93 3.64 0.00	47.87 3.42 0.00	39.45 2.68 0.00	38.20 2.51 -1.28	36.84 2.30 -2.16	36.29 2.27 -1.55	37.54 2.55 0.00	40.78 2.74 0.00	46.29 3.23 0.00	55.69 3.50 0.00	66.37 4.11 0.00	59.58 3.64 0.00	52.22 3.28 0.00	47.03 2.79 0.00	43.17 2.71 0.00	41.05 2.43 0.00	38.45 2.11 0.00
KCE_NY_1 323755	34.99 1.55 -4.12	34.42 1.43 -5.99	33.78 1.39 -5.57	32.45 1.38 -4.04	32.71 1.43 -2.64	34.57 1.80 0.00	45.83 2.55 0.00	54.37 3.08 0.00	47.02 2.58 0.00	38.71 1.95 0.00	36.66 1.82 -0.44	34.98 1.68 -0.91	34.86 1.62 -0.78	36.77 1.78 0.00	40.09 2.05 0.00	45.51 2.45 0.00	55.12 2.92 0.00	65.75 3.48 0.00	59.13 3.19 0.00	51.63 2.69 0.00	46.67 2.43 0.00	42.72 2.26 0.00	40.71 2.08 0.00	38.23 1.89 0.00
KCE_NY_6_ESR 323823	27.62 -2.20 -0.50	25.55 -2.19 -0.73	25.35 -2.15 -0.68	25.47 -2.06 -0.49	26.76 -2.21 -0.32	30.83 -1.93 0.00	41.24 -2.03 0.00	47.85 -3.44 0.00	41.78 -2.67 0.00	35.25 -1.51 0.00	32.72 -1.69 0.00	30.57 -1.84 -0.03	30.29 -2.21 -0.04	33.13 -1.86 0.00	36.18 -1.86 0.00	40.43 -2.63 0.00	49.17 -3.03 0.00	58.65 -3.61 0.00	53.09 -2.85 0.00	46.60 -2.35 0.00	42.34 -1.90 0.00	38.07 -2.39 0.00	36.69 -1.93 0.00	35.03 -1.31 0.00
KEDC_PORT_JEFF_GT2 24210	34.79 2.08 -3.39	33.79 1.86 -4.92	32.93 1.53 -4.58	31.73 1.38 -3.32	32.39 1.57 -2.17	35.39 2.62 0.00	47.22 3.94 -0.01	55.49 4.21 0.00	48.58 4.13 0.00	40.38 3.60 -0.01	39.13 3.34 -1.39	37.89 3.18 -2.33	37.25 3.12 -1.67	38.43 3.43 -0.01	45.33 3.73 -3.56	49.16 4.13 -1.97	57.10 4.49 -0.42	67.32 5.04 -0.01	60.94 4.59 -0.41	58.93 4.26 -5.73	56.08 3.85 -7.99	47.87 3.48 -3.93	41.83 3.20 -0.01	38.96 2.62 0.00
KEDC_PORT_JEFF_GT3 24211	34.79 2.08 -3.39	33.79 1.86 -4.92	32.93 1.53 -4.58	31.73 1.38 -3.32	32.39 1.57 -2.17	35.39 2.62 0.00	47.22 3.94 -0.01	55.49 4.21 0.00	48.58 4.13 0.00	40.38 3.60 -0.01	39.13 3.34 -1.39	37.89 3.18 -2.33	37.25 3.12 -1.67	38.43 3.43 -0.01	45.33 3.73 -3.56	49.16 4.13 -1.97	57.10 4.49 -0.42	67.32 5.04 -0.01	60.94 4.59 -0.41	58.93 4.26 -5.73	56.08 3.85 -7.99	47.87 3.48 -3.93	41.83 3.20 -0.01	38.96 2.62 0.00
KEDC_GLWD_GT4 24219	34.64 1.93 -3.39	33.61 1.68 -4.92	32.87 1.47 -4.58	31.73 1.38 -3.32	32.33 1.52 -2.17	35.02 2.26 0.00	46.67 3.38 -0.02	55.24 3.95 0.00	48.18 3.73 0.00	39.94 3.16 -0.02	38.79 2.99 -1.39	37.50 2.79 -2.33	36.90 2.76 -1.68	38.05 3.04 -0.02	47.42 3.23 -6.15	50.12 3.66 -3.40	56.93 4.02 -0.71	66.95 4.67 -0.02	60.73 4.08 -0.71	62.54 3.72 -9.88	61.22 3.19 -13.79	50.31 3.07 -6.78	41.42 2.78 -0.02	38.74 2.40 0.00
KEDC_GLWD_GT5 24220	34.64 1.93 -3.39	33.61 1.68 -4.92	32.87 1.47 -4.58	31.73 1.38 -3.32	32.33 1.52 -2.17	35.02 2.26 0.00	46.67 3.38 -0.02	55.24 3.95 0.00	48.18 3.73 0.00	39.94 3.16 -0.02	38.79 2.99 -1.39	37.50 2.79 -2.33	36.90 2.76 -1.68	38.05 3.04 -0.02	47.42 3.23 -6.15	50.12 3.66 -3.40	56.93 4.02 -0.71	66.95 4.67 -0.02	60.73 4.08 -0.71	62.54 3.72 -9.88	61.22 3.19 -13.79	50.31 3.07 -6.78	41.42 2.78 -0.02	38.74 2.40 0.00

KENSICO____ 23655	34.43 1.73 -3.38	33.35 1.43 -4.91	32.73 1.34 -4.57	31.64 1.30 -3.32	32.21 1.40 -2.16	34.60 1.83 0.00	46.09 2.81 0.00	54.67 3.39 0.00	47.60 3.16 0.00	39.37 2.61 0.00	38.39 2.48 -1.51	37.19 2.30 -2.51	36.51 2.27 -1.78	37.47 2.48 0.00	40.70 2.66 0.00	46.16 3.10 0.00	55.54 3.34 0.00	66.19 3.92 0.00	59.36 3.41 0.00	52.03 3.08 0.00	46.81 2.57 0.00	43.13 2.67 0.00	40.98 2.36 0.00	38.34 2.00 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.07 1.58 -3.17	33.01 1.40 -4.60	32.42 1.31 -4.28	31.41 1.27 -3.11	32.08 1.40 -2.03	34.63 1.87 0.00	46.17 2.90 0.00	54.67 3.39 0.00	47.47 3.02 0.00	39.04 2.28 0.00	36.99 1.96 -0.62	35.30 1.78 -1.14	35.13 1.79 -0.88	36.95 1.96 0.00	40.32 2.28 0.00	45.90 2.84 0.00	55.49 3.29 0.00	66.25 3.98 0.00	59.47 3.52 0.00	52.13 3.18 0.00	46.90 2.65 0.00	43.01 2.55 0.00	40.82 2.20 0.00	38.30 1.96 0.00
KIAC_JFK_GT1 23816	34.29 1.58 -3.39	33.20 1.27 -4.92	32.55 1.15 -4.58	31.43 1.08 -3.32	31.96 1.15 -2.17	34.47 1.70 0.00	46.04 2.77 0.00	54.47 3.18 0.00	47.51 3.07 0.00	39.59 2.83 0.00	38.59 2.79 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.67	37.79 2.80 0.00	41.01 2.97 0.00	46.11 3.06 0.00	55.54 3.34 0.00	66.12 3.86 0.00	59.30 3.36 0.00	52.08 3.13 0.00	46.68 2.43 0.00	43.25 2.79 0.00	41.02 2.39 0.00	38.30 1.96 0.00
KIAC_JFK_GT2 23817	34.29 1.58 -3.39	33.20 1.27 -4.92	32.55 1.15 -4.58	31.43 1.08 -3.32	31.96 1.15 -2.17	34.47 1.70 0.00	46.04 2.77 0.00	54.47 3.18 0.00	47.51 3.07 0.00	39.59 2.83 0.00	38.59 2.79 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.67	37.79 2.80 0.00	41.01 2.97 0.00	46.11 3.06 0.00	55.54 3.34 0.00	66.12 3.86 0.00	59.30 3.36 0.00	52.08 3.13 0.00	46.68 2.43 0.00	43.25 2.79 0.00	41.02 2.39 0.00	38.30 1.96 0.00
KIAC_JFK____ 323774	34.20 1.49 -3.39	33.15 1.22 -4.92	32.47 1.07 -4.58	31.35 1.00 -3.32	31.90 1.09 -2.17	34.47 1.70 0.00	45.87 2.60 0.00	54.52 3.23 0.00	47.51 3.06 0.00	39.59 2.83 0.00	38.58 2.79 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.67	37.79 2.80 0.00	40.97 2.93 0.00	46.11 3.06 0.00	55.54 3.34 0.00	66.13 3.86 0.00	59.30 3.36 0.00	52.08 3.14 0.00	46.67 2.43 0.00	43.13 2.67 0.00	40.90 2.28 0.00	38.34 2.00 0.00
KINTIGH____ 23543	28.03 -1.70 -0.41	25.91 -1.70 -0.60	25.69 -1.69 -0.56	25.79 -1.65 -0.41	27.19 -1.72 -0.26	30.57 -2.20 0.00	40.42 -2.86 0.00	47.18 -4.10 0.00	41.07 -3.38 0.00	34.52 -2.24 0.00	32.13 -2.27 0.00	30.21 -2.20 -0.02	30.58 -1.92 -0.04	32.54 -2.45 0.00	35.42 -2.62 0.00	39.66 -3.40 0.00	48.07 -4.12 0.00	57.28 -4.98 0.00	51.86 -4.08 0.00	45.47 -3.48 0.00	41.23 -3.01 0.00	37.02 -3.44 0.00	35.65 -2.97 0.00	34.16 -2.18 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	9.70 -2.81 16.80	5.70 -2.65 18.66	5.50 -2.66 18.67	5.77 -2.70 18.56	6.67 -2.95 19.02	19.45 -3.60 9.71	38.99 -4.28 0.00	46.42 -4.87 0.00	39.64 -4.80 0.00	32.34 -4.41 0.01	30.34 -4.06 0.01	18.22 -3.76 10.41	26.74 -3.57 2.15	31.13 -3.85 0.01	34.35 -3.69 0.00	39.74 -3.32 0.00	49.01 -3.18 0.00	58.59 -3.67 0.00	52.75 -3.19 0.00	45.76 -3.18 0.00	42.25 -1.99 0.00	37.75 -2.71 0.00	36.84 -1.78 0.00	35.25 -1.09 0.00
LACHUTE__HYDRO 323717	36.55 3.11 -4.13	35.81 2.81 -5.99	35.08 2.68 -5.58	33.70 2.62 -4.05	34.04 2.75 -2.64	36.24 3.47 0.00	48.38 5.10 0.00	57.49 6.20 0.00	49.51 5.06 0.00	40.44 3.68 0.00	38.21 3.37 -0.43	36.37 3.08 -0.90	36.19 2.95 -0.77	38.20 3.22 0.00	41.88 3.84 0.00	47.71 4.65 0.00	58.04 5.84 0.00	69.61 7.34 0.00	62.71 6.77 0.00	54.62 5.67 0.00	49.33 5.09 0.00	44.91 4.45 0.00	42.60 3.98 0.00	40.01 3.67 0.00
LAWRNCV_115KV_TB1 80681	12.85 -2.46 14.00	9.21 -2.27 15.53	9.02 -2.25 15.55	9.28 -2.27 15.48	10.32 -2.43 15.89	21.69 -2.95 8.13	39.77 -3.51 0.00	47.44 -3.85 0.00	40.44 -4.00 0.00	33.01 -3.75 0.01	30.99 -3.41 0.01	20.49 -3.17 8.72	27.62 -3.05 1.79	31.66 -3.32 0.01	34.81 -3.23 0.00	39.96 -3.10 0.00	49.17 -3.03 0.00	58.78 -3.49 0.00	52.92 -3.02 0.00	45.96 -2.99 0.00	42.30 -1.95 0.00	37.87 -2.59 0.00	36.77 -1.85 0.00	35.07 -1.27 0.00
LEDERLE____ 23769	34.21 1.64 -3.25	33.13 1.40 -4.72	32.50 1.29 -4.39	31.49 1.27 -3.19	32.10 1.37 -2.08	34.60 1.83 0.00	46.09 2.81 0.00	54.72 3.44 0.00	47.60 3.16 0.00	39.37 2.61 0.00	38.76 2.37 -1.99	37.81 2.20 -3.23	36.88 2.17 -2.24	37.37 2.38 0.00	40.63 2.59 0.00	46.07 3.01 0.00	55.49 3.29 0.00	66.19 3.92 0.00	59.30 3.36 0.00	51.98 3.03 0.00	46.81 2.57 0.00	42.97 2.51 0.00	40.90 2.28 0.00	38.26 1.93 0.00
LIGHTHSE_115KV_TB6 355974	27.60 -0.56 1.16	25.31 -0.49 1.21	25.13 -0.46 1.24	25.26 -0.46 1.31	26.70 -0.52 1.42	31.38 -0.59 0.80	42.45 -0.82 0.00	50.47 -0.82 0.00	43.56 -0.89 0.00	35.99 -0.77 0.00	33.54 -0.86 0.00	30.70 -0.84 0.85	31.49 -0.81 0.16	34.11 -0.87 0.00	37.13 -0.91 0.00	42.02 -1.03 0.00	51.21 -0.99 0.00	61.21 -1.06 0.00	55.10 -0.84 0.00	48.11 -0.83 0.00	43.58 -0.66 0.00	39.69 -0.77 0.00	37.77 -0.85 0.00	35.58 -0.76 0.00
LINDEN COGEN____ 23786	34.40 1.70 -3.39	33.36 1.43 -4.92	32.69 1.29 -4.58	31.57 1.22 -3.32	32.13 1.32 -2.17	34.67 1.90 0.00	46.22 2.94 0.00	54.93 3.64 0.00	47.87 3.42 0.00	39.67 2.90 0.00	38.58 2.79 -1.39	37.31 2.59 -2.33	36.66 2.53 -1.67	37.82 2.83 0.00	41.01 2.97 0.00	46.46 3.40 0.00	55.90 3.71 0.00	66.50 4.24 0.00	59.63 3.69 0.00	52.37 3.42 0.00	47.03 2.79 0.00	43.17 2.71 0.00	40.98 2.36 0.00	38.48 2.14 0.00
LINDHRST_69_KV_BK1 356055	35.08 2.37 -3.39	33.85 1.92 -4.92	33.04 1.64 -4.58	31.89 1.54 -3.32	32.59 1.78 -2.17	35.52 2.75 0.00	47.35 4.07 -0.01	55.44 4.15 0.00	48.49 4.04 0.00	40.38 3.60 -0.01	39.06 3.27 -1.39	37.85 3.14 -2.33	37.22 3.08 -1.67	38.39 3.39 -0.01	45.71 3.69 -3.98	49.44 4.18 -2.20	57.31 4.65 -0.46	67.51 5.23 -0.01	61.10 4.70 -0.46	59.70 4.36 -6.39	56.97 3.80 -8.92	48.53 3.68 -4.39	41.99 3.36 -0.01	38.99 2.65 0.00
LIPA_MISC_IPP 23656	34.90 2.20 -3.39	33.69 1.76 -4.92	32.85 1.45 -4.58	31.68 1.32 -3.32	32.42 1.60 -2.17	35.35 2.59 0.00	47.09 3.81 -0.01	55.03 3.74 0.00	48.31 3.87 0.00	40.26 3.49 -0.01	38.89 3.10 -1.39	37.76 3.04 -2.33	37.15 3.02 -1.67	38.29 3.29 -0.01	45.17 3.58 -3.55	48.77 3.75 -1.97	56.58 3.97 -0.41	66.63 4.36 -0.01	60.32 3.97 -0.41	58.42 3.77 -5.70	55.74 3.54 -7.96	47.61 3.24 -3.92	41.68 3.05 -0.01	38.66 2.33 0.00
LISF__SOLAR 323691	34.67 1.96 -3.39	33.69 1.75 -4.92	32.82 1.42 -4.58	31.62 1.27 -3.32	32.30 1.49 -2.17	35.29 2.52 0.00	47.09 3.81 -0.01	55.24 3.95 0.00	48.49 4.04 0.00	40.30 3.53 -0.01	39.00 3.20 -1.39	37.79 3.08 -2.33	37.18 3.05 -1.67	38.32 3.33 -0.01	45.21 3.62 -3.55	48.86 3.83 -1.97	56.58 3.97 -0.41	66.82 4.54 -0.01	60.49 4.14 -0.41	58.48 3.82 -5.71	55.84 3.63 -7.97	47.62 3.24 -3.92	41.64 3.01 -0.01	38.77 2.43 0.00

LITTLE FALLS___HYD 24013	28.90 -0.41 0.00	26.66 -0.35 0.00	26.47 -0.35 0.00	26.68 -0.35 0.00	28.27 -0.37 0.00	32.37 -0.39 0.00	42.80 -0.48 0.00	50.93 -0.36 0.00	44.18 -0.27 0.00	36.47 -0.29 0.00	34.16 -0.24 0.00	32.13 -0.26 0.00	32.24 -0.23 0.00	34.74 -0.24 0.00	37.89 -0.15 0.00	43.06 0.00 0.00	52.30 0.10 0.00	62.51 0.25 0.00	56.22 0.28 0.00	49.19 0.24 0.00	44.51 0.27 0.00	40.78 0.32 0.00	38.89 0.27 0.00	36.63 0.29 0.00
LITTLRIV_115KV_TB1 356100	13.41 -2.20 13.70	9.79 -2.03 15.20	9.60 -2.01 15.21	9.88 -2.00 15.15	10.94 -2.15 15.55	22.19 -2.62 7.96	40.33 -2.94 0.00	48.21 -3.08 0.00	40.98 -3.47 0.00	33.34 -3.42 0.01	31.27 -3.13 0.01	20.94 -2.91 8.53	27.91 -2.79 1.76	31.94 -3.04 0.01	35.15 -2.89 0.00	40.43 -2.63 0.00	49.80 -2.40 0.00	59.59 -2.68 0.00	53.76 -2.18 0.00	46.60 -2.35 0.00	42.87 -1.37 0.00	38.39 -2.06 0.00	37.19 -1.43 0.00	35.47 -0.87 0.00
LI_NEWBRDGE___DRP 323616	34.64 1.93 -3.39	33.50 1.57 -4.92	32.71 1.31 -4.58	31.57 1.22 -3.32	32.22 1.40 -2.17	34.99 2.23 0.00	46.57 3.29 -0.01	54.67 3.39 0.00	47.82 3.38 0.00	39.79 3.01 -0.01	38.58 2.79 -1.39	37.37 2.66 -2.33	36.76 2.63 -1.67	37.83 2.83 -0.01	44.39 3.04 -3.30	48.33 3.44 -1.83	56.29 3.71 -0.38	66.38 4.11 -0.01	59.96 3.64 -0.38	57.68 3.43 -5.31	54.61 2.96 -7.40	47.05 2.95 -3.64	41.37 2.74 -0.01	38.48 2.14 0.00
LOCKPORT_115KV_TB60_63_64 80432	27.65 -2.11 -0.45	25.56 -2.11 -0.65	25.36 -2.07 -0.61	25.45 -2.03 -0.44	26.84 -2.09 -0.29	30.57 -2.20 0.00	40.55 -2.73 0.00	47.18 -4.10 0.00	41.11 -3.33 0.00	34.59 -2.17 0.00	32.20 -2.20 0.00	30.18 -2.23 -0.03	30.26 -2.24 -0.04	32.61 -2.38 0.00	35.53 -2.51 0.00	39.70 -3.36 0.00	48.18 -4.02 0.00	57.03 -5.23 0.00	51.75 -4.20 0.00	45.42 -3.52 0.00	41.19 -3.05 0.00	36.78 -3.68 0.00	35.53 -3.09 0.00	34.23 -2.11 0.00
LOCKPORT___CC1 323769	27.69 -2.08 -0.45	25.61 -2.05 -0.66	25.45 -1.98 -0.61	25.53 -1.95 -0.45	26.85 -2.09 -0.29	30.41 -2.36 0.00	40.59 -2.68 0.00	47.03 -4.26 0.00	41.02 -3.42 0.00	34.59 -2.17 0.00	32.13 -2.27 0.00	30.18 -2.23 -0.03	30.23 -2.27 -0.04	32.54 -2.45 0.00	35.53 -2.51 0.00	39.65 -3.40 0.00	48.18 -4.02 0.00	57.03 -5.23 0.00	51.75 -4.20 0.00	45.42 -3.52 0.00	41.23 -3.01 0.00	37.10 -3.36 0.00	35.84 -2.78 0.00	34.23 -2.11 0.00
LOCKPORT___CC2 323770	27.69 -2.08 -0.45	25.61 -2.05 -0.66	25.45 -1.98 -0.61	25.53 -1.95 -0.45	26.85 -2.09 -0.29	30.41 -2.36 0.00	40.59 -2.68 0.00	47.03 -4.26 0.00	41.02 -3.42 0.00	34.59 -2.17 0.00	32.13 -2.27 0.00	30.18 -2.23 -0.03	30.23 -2.27 -0.04	32.54 -2.45 0.00	35.53 -2.51 0.00	39.65 -3.40 0.00	48.18 -4.02 0.00	57.03 -5.23 0.00	51.75 -4.20 0.00	45.42 -3.52 0.00	41.23 -3.01 0.00	37.10 -3.36 0.00	35.84 -2.78 0.00	34.23 -2.11 0.00
LOCKPORT___CC3 323771	27.69 -2.08 -0.45	25.61 -2.05 -0.66	25.45 -1.98 -0.61	25.53 -1.95 -0.45	26.85 -2.09 -0.29	30.41 -2.36 0.00	40.59 -2.68 0.00	47.03 -4.26 0.00	41.02 -3.42 0.00	34.59 -2.17 0.00	32.13 -2.27 0.00	30.18 -2.23 -0.03	30.23 -2.27 -0.04	32.54 -2.45 0.00	35.53 -2.51 0.00	39.65 -3.40 0.00	48.18 -4.02 0.00	57.03 -5.23 0.00	51.75 -4.20 0.00	45.42 -3.52 0.00	41.23 -3.01 0.00	37.10 -3.36 0.00	35.84 -2.78 0.00	34.23 -2.11 0.00
LONG_LAKE_PHOENIX 24014	28.57 -0.59 0.16	26.40 -0.51 0.10	26.19 -0.51 0.12	26.31 -0.51 0.21	27.76 -0.57 0.31	31.87 -0.66 0.24	42.24 -1.04 0.00	50.06 -1.23 0.00	43.33 -1.11 0.00	35.88 -0.88 0.00	33.51 -0.89 0.00	31.34 -0.81 0.24	31.62 -0.81 0.03	34.08 -0.91 0.00	37.05 -0.99 0.00	41.89 -1.16 0.00	50.79 -1.41 0.00	60.71 -1.56 0.00	54.60 -1.34 0.00	47.72 -1.22 0.00	43.09 -1.15 0.00	39.28 -1.17 0.00	37.46 -1.16 0.00	35.25 -1.09 0.00
LOVETT___3 23632	34.10 1.52 -3.26	33.07 1.32 -4.74	32.41 1.18 -4.41	31.42 1.19 -3.20	31.99 1.26 -2.09	34.47 1.70 0.00	45.87 2.60 0.00	54.47 3.18 0.00	47.38 2.93 0.00	39.19 2.43 0.00	38.58 2.27 -1.91	37.60 2.11 -3.10	36.67 2.05 -2.16	37.26 2.27 0.00	40.47 2.43 0.00	45.86 2.80 0.00	55.23 3.03 0.00	65.87 3.61 0.00	59.02 3.08 0.00	51.73 2.79 0.00	46.59 2.34 0.00	42.76 2.31 0.00	40.75 2.12 0.00	38.12 1.78 0.00
LOVETT___4 23642	34.10 1.52 -3.26	33.07 1.32 -4.74	32.41 1.18 -4.41	31.42 1.19 -3.20	31.99 1.26 -2.09	34.47 1.70 0.00	45.87 2.60 0.00	54.47 3.18 0.00	47.38 2.93 0.00	39.19 2.43 0.00	38.58 2.27 -1.91	37.60 2.11 -3.10	36.67 2.05 -2.16	37.26 2.27 0.00	40.47 2.43 0.00	45.86 2.80 0.00	55.23 3.03 0.00	65.87 3.61 0.00	59.02 3.08 0.00	51.73 2.79 0.00	46.59 2.34 0.00	42.76 2.31 0.00	40.75 2.12 0.00	38.12 1.78 0.00
LOVETT___5 23593	34.10 1.52 -3.26	33.07 1.32 -4.74	32.41 1.18 -4.41	31.42 1.19 -3.20	31.99 1.26 -2.09	34.47 1.70 0.00	45.87 2.60 0.00	54.47 3.18 0.00	47.38 2.93 0.00	39.19 2.43 0.00	38.58 2.27 -1.91	37.60 2.11 -3.10	36.67 2.05 -2.16	37.26 2.27 0.00	40.47 2.43 0.00	45.86 2.80 0.00	55.23 3.03 0.00	65.87 3.61 0.00	59.02 3.08 0.00	51.73 2.79 0.00	46.59 2.34 0.00	42.76 2.31 0.00	40.75 2.12 0.00	38.12 1.78 0.00
LOWER RAQUET___HYD 24057	13.46 -2.43 13.42	9.86 -2.27 14.88	9.70 -2.23 14.90	9.95 -2.24 14.83	11.00 -2.41 15.23	22.09 -2.88 7.80	39.86 -3.42 0.00	47.55 -3.74 0.00	40.58 -3.87 0.00	33.04 -3.71 0.01	31.03 -3.37 0.01	20.88 -3.14 8.36	27.72 -3.02 1.72	31.69 -3.29 0.01	34.85 -3.20 0.00	40.04 -3.02 0.00	49.28 -2.92 0.00	58.90 -3.36 0.00	53.09 -2.85 0.00	46.06 -2.89 0.00	42.39 -1.86 0.00	37.95 -2.51 0.00	36.81 -1.81 0.00	35.10 -1.24 0.00
LOWER___HUDSON 24059	34.55 1.17 -4.06	33.98 1.08 -5.89	33.38 1.07 -5.48	32.09 1.08 -3.98	32.39 1.15 -2.60	34.17 1.41 0.00	45.18 1.90 0.00	53.60 2.31 0.00	46.40 1.95 0.00	38.31 1.54 0.00	36.39 1.51 -0.47	34.77 1.42 -0.96	34.67 1.39 -0.81	36.53 1.54 0.00	39.68 1.63 0.00	44.95 1.89 0.00	54.39 2.19 0.00	64.69 2.43 0.00	58.07 2.13 0.00	50.80 1.86 0.00	45.92 1.68 0.00	42.20 1.74 0.00	40.28 1.66 0.00	37.79 1.46 0.00
LOWVILLE_115KV_TB2 356335	24.93 -0.79 3.59	22.36 -0.70 3.95	22.21 -0.64 3.96	22.43 -0.62 3.98	23.83 -0.69 4.12	29.87 -0.75 2.14	42.54 -0.74 0.00	50.83 -0.46 0.00	43.69 -0.76 0.00	35.77 -0.99 0.00	33.37 -1.03 0.00	29.02 -1.07 2.30	30.96 -1.04 0.47	33.94 -1.05 0.00	37.09 -0.95 0.00	42.24 -0.82 0.00	52.25 0.05 0.00	62.57 0.31 0.00	56.39 0.45 0.00	49.14 0.20 0.00	44.60 0.35 0.00	40.50 0.04 0.00	38.54 -0.08 0.00	36.34 0.00 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.99 1.55 -4.12	34.43 1.43 -5.99	33.76 1.37 -5.57	32.45 1.38 -4.04	32.71 1.43 -2.64	34.63 1.87 0.00	45.78 2.51 0.00	54.37 3.08 0.00	46.98 2.53 0.00	38.67 1.91 0.00	36.63 1.79 -0.44	34.95 1.65 -0.91	34.86 1.62 -0.78	36.77 1.78 0.00	40.06 2.02 0.00	45.47 2.41 0.00	55.12 2.92 0.00	65.75 3.49 0.00	59.08 3.13 0.00	51.59 2.64 0.00	46.63 2.39 0.00	42.72 2.27 0.00	40.71 2.09 0.00	38.23 1.89 0.00

LUTHERNY_35_KV_BK2 355980	35.02 1.58 -4.12	34.43 1.43 -5.99	33.78 1.39 -5.57	32.45 1.38 -4.04	32.74 1.46 -2.64	34.63 1.87 0.00	45.83 2.55 0.00	54.37 3.08 0.00	47.02 2.58 0.00	38.71 1.95 0.00	36.66 1.82 -0.44	34.98 1.68 -0.91	34.86 1.62 -0.78	36.77 1.78 0.00	40.09 2.05 0.00	45.51 2.45 0.00	55.12 2.92 0.00	65.75 3.49 0.00	59.13 3.19 0.00	51.64 2.69 0.00	46.68 2.43 0.00	42.72 2.27 0.00	40.75 2.12 0.00	38.23 1.89 0.00
LWR___OSWEGATCHIE_HYD 23850	18.49 -1.82 9.00	15.37 -1.67 9.97	15.20 -1.64 9.98	15.45 -1.62 9.96	16.65 -1.75 10.25	25.44 -2.06 5.26	40.89 -2.38 0.00	48.83 -2.46 0.00	41.78 -2.67 0.00	34.11 -2.65 0.00	31.92 -2.48 0.00	24.38 -2.36 5.64	29.03 -2.27 1.16	32.53 -2.45 0.00	35.64 -2.40 0.00	40.77 -2.28 0.00	50.32 -1.88 0.00	60.21 -2.05 0.00	54.26 -1.68 0.00	47.18 -1.76 0.00	43.14 -1.11 0.00	38.88 -1.58 0.00	37.35 -1.27 0.00	35.39 -0.94 0.00
LYONS_FALL_HYD 23570	26.76 -0.29 2.26	24.29 -0.24 2.48	24.14 -0.19 2.49	24.33 -0.19 2.51	25.83 -0.20 2.62	31.20 -0.20 1.37	43.23 -0.04 0.00	51.60 0.31 0.00	44.49 0.04 0.00	36.51 -0.26 0.00	34.09 -0.31 0.00	30.52 -0.39 1.47	31.81 -0.36 0.30	34.67 -0.32 0.00	37.85 -0.19 0.00	43.01 -0.04 0.00	52.83 0.63 0.00	63.13 0.87 0.00	56.84 0.89 0.00	49.58 0.63 0.00	44.91 0.66 0.00	40.86 0.40 0.00	38.89 0.27 0.00	36.63 0.29 0.00
MADISON___COUNTY_LFGE 323628	29.42 0.53 0.43	27.11 0.51 0.41	26.93 0.54 0.43	27.11 0.57 0.49	28.65 0.57 0.57	33.17 0.75 0.35	44.49 1.21 0.00	52.93 1.64 0.00	45.87 1.42 0.00	37.72 0.96 0.00	35.23 0.83 0.00	32.71 0.71 0.39	33.11 0.71 0.07	35.86 0.87 0.00	39.07 1.03 0.00	44.31 1.25 0.00	53.76 1.57 0.00	64.19 1.93 0.00	57.73 1.79 0.00	50.36 1.42 0.00	45.53 1.28 0.00	41.47 1.01 0.00	39.43 0.81 0.00	37.14 0.80 0.00
MALONE___115KV_TB1 356076	10.77 -2.81 15.73	6.91 -2.65 17.45	6.70 -2.66 17.47	6.97 -2.68 17.38	7.91 -2.89 17.84	20.11 -3.54 9.12	39.12 -4.15 0.00	46.62 -4.67 0.00	39.78 -4.67 0.00	32.42 -4.34 0.01	30.44 -3.96 0.01	18.94 -3.66 9.78	26.94 -3.51 2.02	31.17 -3.81 0.01	34.35 -3.69 0.00	39.66 -3.40 0.00	48.86 -3.34 0.00	58.40 -3.86 0.00	52.59 -3.36 0.00	45.62 -3.33 0.00	42.07 -2.17 0.00	37.63 -2.83 0.00	36.65 -1.97 0.00	35.03 -1.31 0.00
MAPLEWOD_115KV_TB3 80458	34.23 0.88 -4.04	33.65 0.78 -5.86	33.08 0.80 -5.45	31.80 0.81 -3.95	32.09 0.86 -2.58	33.81 1.05 0.00	44.66 1.38 0.00	52.98 1.69 0.00	45.87 1.42 0.00	37.94 1.18 0.00	36.25 1.38 -0.47	34.64 1.30 -0.96	34.53 1.27 -0.81	36.35 1.36 0.00	39.49 1.45 0.00	44.56 1.51 0.00	53.82 1.62 0.00	64.13 1.87 0.00	57.57 1.62 0.00	50.32 1.37 0.00	45.53 1.28 0.00	41.91 1.46 0.00	40.09 1.47 0.00	37.65 1.31 0.00
MAPLE_RIDGE_WT_1 323574	8.77 -1.58 18.96	4.48 -1.46 21.06	4.30 -1.45 21.08	4.62 -1.46 20.95	5.62 -1.55 21.48	20.00 -1.80 10.96	41.11 -2.16 0.00	48.88 -2.41 0.00	42.18 -2.27 0.00	34.73 -2.02 0.01	32.54 -1.86 0.01	18.88 -1.75 11.75	28.32 -1.72 2.42	33.09 -1.89 0.01	36.14 -1.90 0.00	41.21 -1.85 0.00	50.21 -1.98 0.00	60.02 -2.24 0.00	53.98 -1.96 0.00	47.08 -1.86 0.00	42.87 -1.37 0.00	38.96 -1.50 0.00	37.50 -1.12 0.00	35.50 -0.83 0.00
MAPLE_RIDGE_WT_2 323611	8.77 -1.58 18.96	4.48 -1.46 21.06	4.30 -1.45 21.08	4.62 -1.46 20.95	5.62 -1.55 21.48	20.00 -1.80 10.96	41.11 -2.16 0.00	48.88 -2.41 0.00	42.18 -2.27 0.00	34.73 -2.02 0.01	32.54 -1.86 0.01	18.88 -1.75 11.75	28.32 -1.72 2.42	33.09 -1.89 0.01	36.14 -1.90 0.00	41.21 -1.85 0.00	50.21 -1.98 0.00	60.02 -2.24 0.00	53.98 -1.96 0.00	47.08 -1.86 0.00	42.87 -1.37 0.00	38.96 -1.50 0.00	37.50 -1.12 0.00	35.50 -0.83 0.00
MARBLE_RIVER_WT_PWR 323696	9.27 -3.17 16.88	5.28 -2.97 18.75	5.08 -2.98 18.76	5.33 -3.05 18.65	6.20 -3.32 19.12	18.98 -4.03 9.76	38.30 -4.98 0.00	45.59 -5.69 0.00	39.02 -5.42 0.00	31.83 -4.93 0.01	29.85 -4.54 0.01	17.71 -4.21 10.47	26.28 -4.03 2.16	30.64 -4.34 0.01	33.78 -4.26 0.00	39.01 -4.05 0.00	48.07 -4.12 0.00	57.47 -4.79 0.00	51.75 -4.20 0.00	44.93 -4.01 0.00	41.41 -2.83 0.00	37.14 -3.32 0.00	36.26 -2.36 0.00	34.74 -1.60 0.00
MARSHVLE_115KV_TB1 80742	35.88 1.96 -4.60	35.47 1.78 -6.68	34.75 1.72 -6.22	33.24 1.70 -4.51	33.39 1.80 -2.94	35.22 2.46 0.00	46.43 3.16 0.00	55.19 3.90 0.00	47.51 3.07 0.00	38.78 2.02 0.00	36.20 1.51 -0.29	34.26 1.17 -0.71	34.24 1.10 -0.67	36.56 1.57 0.00	40.06 2.02 0.00	45.94 2.88 0.00	55.90 3.71 0.00	67.00 4.73 0.00	60.36 4.42 0.00	52.71 3.77 0.00	47.52 3.27 0.00	43.61 3.16 0.00	41.36 2.74 0.00	38.81 2.47 0.00
MARSH_HILL_WT_PWR 323713	27.88 -2.08 -0.64	26.00 -1.94 -0.94	25.79 -1.90 -0.87	25.80 -1.86 -0.63	27.14 -1.92 -0.41	31.36 -1.41 0.00	42.11 -1.17 0.00	49.91 -1.38 0.00	43.42 -1.02 0.00	36.32 -0.44 0.00	33.58 -0.83 0.00	31.48 -0.94 -0.04	31.22 -1.30 -0.05	34.22 -0.77 0.00	37.36 -0.68 0.00	42.07 -0.99 0.00	51.26 -0.94 0.00	61.70 -0.56 0.00	55.78 -0.17 0.00	48.75 -0.19 0.00	44.29 0.04 0.00	39.85 -0.61 0.00	38.12 -0.50 0.00	36.16 -0.18 0.00
MCINTYRE_115KV_TB2 80467	13.02 -2.14 14.16	9.34 -1.97 15.70	9.17 -1.93 15.72	9.47 -1.92 15.65	10.52 -2.06 16.06	22.02 -2.52 8.22	40.51 -2.77 0.00	48.36 -2.92 0.00	41.02 -3.42 0.00	33.30 -3.46 0.01	31.27 -3.13 0.01	20.63 -2.95 8.81	27.86 -2.79 1.81	31.94 -3.04 0.01	35.15 -2.89 0.00	40.52 -2.54 0.00	49.90 -2.30 0.00	59.77 -2.49 0.00	53.93 -2.01 0.00	46.74 -2.20 0.00	43.05 -1.19 0.00	38.48 -1.98 0.00	37.31 -1.31 0.00	35.65 -0.69 0.00
MECO_____69_KV_BK1 80468	35.95 2.20 -4.44	35.42 1.97 -6.44	34.72 1.90 -5.99	33.24 1.87 -4.35	33.49 2.01 -2.84	35.48 2.72 0.00	46.91 3.64 0.00	55.65 4.36 0.00	47.91 3.47 0.00	39.15 2.39 0.00	36.66 1.93 -0.33	34.81 1.65 -0.77	34.76 1.59 -0.70	36.95 1.96 0.00	40.51 2.47 0.00	46.42 3.36 0.00	56.48 4.28 0.00	67.68 5.42 0.00	60.98 5.03 0.00	53.20 4.26 0.00	48.00 3.76 0.00	43.90 3.44 0.00	41.67 3.05 0.00	39.06 2.73 0.00
MENANDS___115KV_TB5 355628	34.05 0.70 -4.03	33.51 0.65 -5.85	32.93 0.67 -5.44	31.68 0.70 -3.95	31.97 0.74 -2.58	33.65 0.88 0.00	44.40 1.13 0.00	52.67 1.38 0.00	45.64 1.20 0.00	37.76 0.99 0.00	36.15 1.27 -0.47	34.55 1.20 -0.96	34.47 1.20 -0.81	36.28 1.29 0.00	39.37 1.33 0.00	44.31 1.25 0.00	53.50 1.30 0.00	63.70 1.43 0.00	57.17 1.23 0.00	50.02 1.08 0.00	45.26 1.02 0.00	41.71 1.25 0.00	39.93 1.31 0.00	37.50 1.16 0.00
MG INDUSTRY___DRP 24185	33.97 0.70 -3.95	33.41 0.68 -5.73	32.85 0.70 -5.33	31.63 0.73 -3.87	31.91 0.74 -2.52	33.62 0.85 0.00	44.40 1.13 0.00	52.57 1.28 0.00	45.47 1.02 0.00	37.53 0.77 0.00	35.87 0.96 -0.50	34.29 0.91 -1.00	34.16 0.88 -0.83	35.97 0.98 0.00	39.11 1.07 0.00	44.18 1.12 0.00	53.40 1.20 0.00	63.70 1.43 0.00	57.17 1.23 0.00	50.02 1.08 0.00	45.26 1.02 0.00	41.63 1.17 0.00	39.86 1.24 0.00	37.46 1.13 0.00

MID___OSWEGATCHIE_HYD 23849	18.49 -1.82 9.00	15.37 -1.67 9.97	15.20 -1.64 9.98	15.45 -1.62 9.96	16.65 -1.75 10.25	25.44 -2.06 5.26	40.89 -2.38 0.00	48.83 -2.46 0.00	41.78 -2.67 0.00	34.11 -2.65 0.00	31.92 -2.48 0.00	24.38 -2.36 5.64	29.03 -2.27 1.16	32.53 -2.45 0.00	35.64 -2.40 0.00	40.77 -2.28 0.00	50.32 -1.88 0.00	60.21 -2.05 0.00	54.26 -1.68 0.00	47.18 -1.76 0.00	43.14 -1.11 0.00	38.88 -1.58 0.00	37.35 -1.27 0.00	35.39 -0.94 0.00
MID___RAQUETTE_HYD 23851	13.46 -2.43 13.42	9.88 -2.24 14.88	9.70 -2.23 14.90	9.95 -2.24 14.83	11.00 -2.41 15.23	22.05 -2.92 7.80	39.86 -3.42 0.00	47.54 -3.74 0.00	40.53 -3.91 0.00	33.04 -3.71 0.01	31.03 -3.37 0.01	20.88 -3.14 8.36	27.72 -3.02 1.72	31.69 -3.29 0.01	34.85 -3.20 0.00	40.04 -3.01 0.00	49.27 -2.92 0.00	58.90 -3.36 0.00	53.09 -2.85 0.00	46.06 -2.89 0.00	42.38 -1.86 0.00	37.95 -2.51 0.00	36.81 -1.82 0.00	35.10 -1.24 0.00
MILLIKEN___1 23584	30.24 0.29 -0.63	28.22 0.30 -0.91	27.97 0.30 -0.85	27.95 0.30 -0.62	29.31 0.26 -0.40	33.26 0.49 0.00	44.10 0.82 0.00	52.37 1.08 0.00	45.20 0.76 0.00	37.35 0.59 0.00	34.75 0.34 0.00	32.72 0.29 -0.04	32.71 0.19 -0.05	35.34 0.35 0.00	38.46 0.42 0.00	43.53 0.47 0.00	53.03 0.84 0.00	63.57 1.31 0.00	57.23 1.29 0.00	49.92 0.98 0.00	45.08 0.84 0.00	40.98 0.53 0.00	39.01 0.39 0.00	36.70 0.36 0.00
MILLIKEN___2 23585	30.24 0.29 -0.63	28.22 0.30 -0.91	27.97 0.30 -0.85	27.95 0.30 -0.62	29.31 0.26 -0.40	33.26 0.49 0.00	44.10 0.82 0.00	52.37 1.08 0.00	45.20 0.76 0.00	37.35 0.59 0.00	34.75 0.34 0.00	32.72 0.29 -0.04	32.71 0.19 -0.05	35.34 0.35 0.00	38.46 0.42 0.00	43.53 0.47 0.00	53.03 0.84 0.00	63.57 1.31 0.00	57.23 1.29 0.00	49.92 0.98 0.00	45.08 0.84 0.00	40.98 0.53 0.00	39.01 0.39 0.00	36.70 0.36 0.00
MILLIKEN___DIESEL 23629	30.24 0.29 -0.63	28.22 0.30 -0.91	27.97 0.30 -0.85	27.95 0.30 -0.62	29.31 0.26 -0.40	33.26 0.49 0.00	44.10 0.82 0.00	52.37 1.08 0.00	45.20 0.76 0.00	37.35 0.59 0.00	34.75 0.34 0.00	32.72 0.29 -0.04	32.71 0.19 -0.05	35.34 0.35 0.00	38.46 0.42 0.00	43.53 0.47 0.00	53.03 0.84 0.00	63.57 1.31 0.00	57.23 1.29 0.00	49.92 0.98 0.00	45.08 0.84 0.00	40.98 0.53 0.00	39.01 0.39 0.00	36.70 0.36 0.00
MILLSEAT___LFGE 323607	28.17 -1.58 -0.44	26.08 -1.57 -0.64	25.91 -1.50 -0.59	25.97 -1.49 -0.43	27.32 -1.60 -0.28	30.93 -1.83 0.00	41.37 -1.90 0.00	48.21 -3.08 0.00	41.96 -2.49 0.00	35.22 -1.54 0.00	32.69 -1.72 0.00	30.66 -1.75 -0.03	30.78 -1.72 -0.04	33.17 -1.82 0.00	36.18 -1.86 0.00	40.47 -2.58 0.00	49.28 -2.92 0.00	58.46 -3.80 0.00	53.09 -2.85 0.00	46.55 -2.40 0.00	42.21 -2.03 0.00	37.95 -2.51 0.00	36.50 -2.12 0.00	34.78 -1.56 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.30 1.64 -3.35	33.27 1.40 -4.86	32.63 1.29 -4.52	31.58 1.27 -3.28	32.16 1.37 -2.14	34.57 1.80 0.00	46.00 2.73 0.00	54.57 3.28 0.00	47.51 3.07 0.00	39.30 2.54 0.00	38.32 2.37 -1.54	37.17 2.23 -2.55	36.45 2.17 -1.81	37.40 2.41 0.00	40.63 2.59 0.00	46.03 2.97 0.00	55.43 3.24 0.00	66.06 3.80 0.00	59.24 3.30 0.00	51.93 2.99 0.00	46.72 2.48 0.00	42.97 2.51 0.00	40.86 2.24 0.00	38.26 1.93 0.00
MILLWOOD_13_KV_LOAD 356217	34.33 1.67 -3.35	33.33 1.46 -4.86	32.68 1.34 -4.52	31.61 1.30 -3.28	32.19 1.40 -2.14	34.60 1.83 0.00	46.13 2.86 0.00	54.72 3.44 0.00	47.64 3.20 0.00	39.37 2.61 0.00	38.39 2.44 -1.54	37.21 2.27 -2.55	36.51 2.24 -1.81	37.47 2.48 0.00	40.70 2.66 0.00	46.16 3.10 0.00	55.54 3.34 0.00	66.19 3.92 0.00	59.36 3.41 0.00	52.03 3.08 0.00	46.85 2.61 0.00	43.05 2.59 0.00	40.94 2.32 0.00	38.34 2.00 0.00
MODEL_CITY_ENERGY 24167	27.37 -2.40 -0.46	25.36 -2.32 -0.67	25.16 -2.28 -0.62	25.24 -2.24 -0.45	26.51 -2.43 -0.29	29.98 -2.79 0.00	39.94 -3.33 0.00	46.21 -5.08 0.00	40.36 -4.09 0.00	34.04 -2.72 0.00	31.65 -2.75 0.00	29.73 -2.69 -0.03	29.81 -2.69 -0.04	32.05 -2.94 0.00	34.92 -3.12 0.00	39.01 -4.05 0.00	47.34 -4.85 0.00	56.22 -6.04 0.00	51.02 -4.92 0.00	44.78 -4.16 0.00	40.66 -3.58 0.00	36.61 -3.84 0.00	35.38 -3.24 0.00	33.83 -2.51 0.00
MODERN_LFGE___ 323580	27.37 -2.40 -0.46	25.36 -2.32 -0.67	25.16 -2.28 -0.62	25.24 -2.24 -0.45	26.51 -2.43 -0.29	29.98 -2.79 0.00	39.94 -3.33 0.00	46.21 -5.08 0.00	40.36 -4.09 0.00	34.04 -2.72 0.00	31.65 -2.75 0.00	29.73 -2.69 -0.03	29.81 -2.69 -0.04	32.05 -2.94 0.00	34.92 -3.12 0.00	39.01 -4.05 0.00	47.34 -4.85 0.00	56.22 -6.04 0.00	51.02 -4.92 0.00	44.78 -4.16 0.00	40.66 -3.58 0.00	36.61 -3.84 0.00	35.38 -3.24 0.00	33.83 -2.51 0.00
MOHAWK_PAPER___DRP 24187	34.23 0.88 -4.04	33.65 0.78 -5.86	33.08 0.80 -5.45	31.80 0.81 -3.95	32.09 0.86 -2.58	33.81 1.05 0.00	44.66 1.38 0.00	52.98 1.69 0.00	45.87 1.42 0.00	37.94 1.18 0.00	36.25 1.38 -0.47	34.64 1.30 -0.96	34.53 1.27 -0.81	36.35 1.36 0.00	39.49 1.45 0.00	44.56 1.51 0.00	53.82 1.62 0.00	64.13 1.87 0.00	57.57 1.62 0.00	50.32 1.37 0.00	45.53 1.28 0.00	41.91 1.46 0.00	40.09 1.47 0.00	37.65 1.31 0.00
MOHICAN___35_KV_115KV_LD 80490	35.43 1.99 -4.13	34.81 1.81 -5.99	34.11 1.72 -5.57	32.78 1.70 -4.04	33.09 1.80 -2.64	35.12 2.36 0.00	46.52 3.25 0.00	55.24 3.95 0.00	47.73 3.29 0.00	39.15 2.39 0.00	37.04 2.20 -0.43	35.30 2.01 -0.91	35.15 1.92 -0.78	37.12 2.13 0.00	40.51 2.47 0.00	46.03 2.97 0.00	55.85 3.65 0.00	66.75 4.48 0.00	60.03 4.08 0.00	52.37 3.43 0.00	47.34 3.10 0.00	43.25 2.79 0.00	41.17 2.55 0.00	38.66 2.33 0.00
MONGAUP___HYD 23641	33.82 1.44 -3.07	32.76 1.30 -4.45	32.17 1.21 -4.14	31.20 1.16 -3.00	31.90 1.29 -1.96	34.47 1.70 0.00	45.92 2.64 0.00	54.42 3.13 0.00	47.07 2.62 0.00	38.71 1.95 0.00	31.58 1.72 4.54	27.18 1.55 6.76	29.74 1.53 4.24	36.70 1.71 0.00	40.02 1.98 0.00	45.51 2.45 0.00	55.12 2.92 0.00	66.00 3.74 0.00	59.24 3.30 0.00	51.88 2.94 0.00	46.72 2.48 0.00	42.76 2.30 0.00	40.67 2.05 0.00	38.23 1.89 0.00
MONTAUK___DIESEL 23721	34.73 2.02 -3.39	33.50 1.57 -4.92	32.63 1.23 -4.58	31.43 1.08 -3.32	32.22 1.40 -2.17	35.19 2.42 0.00	46.92 3.64 -0.01	54.88 3.59 0.00	48.18 3.73 0.00	40.15 3.38 -0.01	38.41 2.61 -1.39	37.59 2.88 -2.33	36.99 2.86 -1.67	38.18 3.18 -0.01	45.05 3.46 -3.55	48.43 3.40 -1.97	56.37 3.76 -0.41	66.69 4.42 -0.01	60.60 4.25 -0.41	58.76 4.11 -5.71	56.28 4.07 -7.96	48.18 3.80 -3.92	42.30 3.67 -0.01	39.35 3.02 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	26.82 -3.02 -0.52	24.74 -3.02 -0.76	24.63 -2.90 -0.71	24.84 -2.70 -0.51	26.37 -2.61 -0.33	31.06 -1.70 0.00	41.63 -1.64 0.00	48.88 -2.41 0.00	42.58 -1.87 0.00	35.77 -0.99 0.00	33.17 -1.24 0.00	30.93 -1.49 -0.03	30.40 -2.11 -0.04	33.48 -1.50 0.00	36.71 -1.33 0.00	41.16 -1.89 0.00	50.42 -1.77 0.00	60.52 -1.74 0.00	54.66 -1.29 0.00	48.01 -0.93 0.00	43.53 -0.71 0.00	38.76 -1.70 0.00	37.31 -1.31 0.00	35.87 -0.47 0.00

MORRIS_RIDGE___SOLAR 323848	27.86 -2.08 -0.62	25.94 -1.97 -0.90	25.68 -1.98 -0.84	25.72 -1.92 -0.61	27.07 -1.98 -0.40	31.10 -1.67 0.00	41.67 -1.60 0.00	48.93 -2.36 0.00	42.58 -1.86 0.00	35.70 -1.07 0.00	33.06 -1.34 0.00	31.00 -1.42 -0.04	30.76 -1.75 -0.05	33.62 -1.37 0.00	36.71 -1.33 0.00	41.21 -1.85 0.00	50.16 -2.04 0.00	60.15 -2.12 0.00	54.38 -1.57 0.00	47.63 -1.32 0.00	43.27 -0.97 0.00	39.00 -1.45 0.00	37.38 -1.24 0.00	35.54 -0.80 0.00
MORTIMER_115KV_TB3 55949	28.67 -1.03 -0.38	26.56 -1.00 -0.55	26.36 -0.97 -0.51	26.40 -1.00 -0.37	27.88 -1.00 -0.24	31.39 -1.38 0.00	41.59 -1.69 0.00	48.93 -2.36 0.00	42.44 -2.00 0.00	35.40 -1.36 0.00	32.99 -1.41 0.00	31.02 -1.39 -0.02	31.39 -1.10 -0.03	33.52 -1.47 0.00	36.48 -1.56 0.00	41.03 -2.02 0.00	49.80 -2.40 0.00	59.40 -2.86 0.00	53.76 -2.18 0.00	47.08 -1.86 0.00	42.56 -1.68 0.00	38.35 -2.10 0.00	36.73 -1.89 0.00	34.92 -1.42 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.61 1.91 -3.39	33.55 1.62 -4.92	32.87 1.48 -4.58	31.79 1.43 -3.32	32.36 1.55 -2.17	34.80 2.03 0.00	46.35 3.07 0.00	54.98 3.69 0.00	47.91 3.47 0.00	39.67 2.90 0.00	38.58 2.79 -1.39	37.30 2.59 -2.33	36.66 2.53 -1.66	37.79 2.80 0.00	41.01 2.97 0.00	46.46 3.40 0.00	55.96 3.76 0.00	66.56 4.30 0.00	59.75 3.80 0.00	52.42 3.48 0.00	47.07 2.83 0.00	43.33 2.87 0.00	41.21 2.59 0.00	38.56 2.22 0.00
MUNSVILLE_WIND_PWR 323609	32.00 1.70 -0.98	30.08 1.65 -1.43	29.79 1.64 -1.33	29.70 1.70 -0.96	31.02 1.75 -0.63	35.06 2.29 0.00	47.08 3.81 0.00	56.52 5.23 0.00	48.49 4.04 0.00	39.67 2.90 0.00	36.59 2.37 0.19	34.17 2.01 0.23	34.34 1.98 0.10	37.51 2.52 0.00	41.04 3.00 0.00	46.76 3.70 0.00	57.42 5.22 0.00	68.93 6.67 0.00	62.04 6.10 0.00	53.99 5.04 0.00	48.71 4.47 0.00	44.18 3.72 0.00	41.67 3.05 0.00	39.25 2.91 0.00
N SALMON___HYD 24042	10.77 -2.81 15.73	6.88 -2.67 17.45	6.70 -2.66 17.47	6.97 -2.68 17.38	7.91 -2.89 17.84	20.14 -3.51 9.12	39.08 -4.20 0.00	46.62 -4.67 0.00	39.78 -4.67 0.00	32.42 -4.34 0.01	30.44 -3.96 0.01	18.94 -3.66 9.78	26.94 -3.51 2.02	31.17 -3.81 0.01	34.35 -3.69 0.00	39.65 -3.40 0.00	48.86 -3.34 0.00	58.40 -3.86 0.00	52.59 -3.36 0.00	45.61 -3.33 0.00	42.08 -2.17 0.00	37.59 -2.87 0.00	36.61 -2.01 0.00	35.03 -1.31 0.00
N.AKRON__115KV_KNAPP 355671	28.11 -1.64 -0.44	25.97 -1.67 -0.64	25.81 -1.61 -0.59	25.84 -1.62 -0.43	27.29 -1.63 -0.28	31.06 -1.70 0.00	41.28 -1.99 0.00	48.26 -3.03 0.00	41.96 -2.49 0.00	35.18 -1.58 0.00	32.72 -1.69 0.00	30.66 -1.75 -0.03	30.78 -1.72 -0.04	33.17 -1.82 0.00	36.14 -1.90 0.00	40.47 -2.58 0.00	49.17 -3.03 0.00	58.40 -3.86 0.00	52.98 -2.96 0.00	46.50 -2.45 0.00	42.12 -2.12 0.00	37.63 -2.83 0.00	36.19 -2.43 0.00	34.78 -1.56 0.00
N.BELMOR_69_KV_BK1 55787	34.84 2.14 -3.39	33.69 1.76 -4.92	32.90 1.50 -4.58	31.76 1.41 -3.32	32.42 1.60 -2.17	35.22 2.46 0.00	46.92 3.64 -0.01	55.08 3.80 0.00	48.13 3.69 0.00	40.05 3.27 -0.01	38.82 3.03 -1.39	37.56 2.85 -2.33	36.96 2.82 -1.68	38.08 3.08 -0.01	46.29 3.31 -4.94	49.54 3.75 -2.74	56.79 4.02 -0.57	66.82 4.55 -0.01	60.54 4.03 -0.57	60.61 3.72 -7.94	58.52 3.19 -11.09	49.19 3.28 -5.45	41.68 3.05 -0.01	38.74 2.40 0.00
N.E_GEN_SANDY PD 24062	34.32 1.29 -3.72	33.60 1.19 -5.40	33.00 1.15 -5.03	31.90 1.19 -3.68	32.36 1.23 -2.49	37.47 1.57 -3.13	45.44 2.16 0.00	53.95 2.67 0.00	46.75 2.31 0.00	38.64 1.87 0.00	37.02 1.82 -0.80	35.54 1.72 -1.44	35.28 1.72 -1.10	36.84 1.85 0.00	39.94 1.90 0.00	45.34 2.28 0.00	54.70 2.51 0.00	65.00 2.74 0.00	58.24 2.29 0.00	51.00 2.06 0.00	46.10 1.86 0.00	42.40 1.94 0.00	40.44 1.82 0.00	37.90 1.56 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.13 1.55 -3.26	33.09 1.35 -4.73	32.46 1.23 -4.40	31.44 1.22 -3.19	32.05 1.32 -2.08	34.50 1.74 0.00	45.96 2.68 0.00	54.52 3.23 0.00	47.47 3.02 0.00	39.26 2.50 0.00	38.66 2.31 -1.95	37.70 2.14 -3.18	36.75 2.08 -2.21	37.26 2.27 0.00	40.51 2.47 0.00	45.94 2.88 0.00	55.28 3.08 0.00	65.94 3.67 0.00	59.13 3.19 0.00	51.83 2.89 0.00	46.63 2.39 0.00	42.80 2.35 0.00	40.78 2.16 0.00	38.19 1.85 0.00
N.QUEENS_27_KV_LOAD 356247	34.62 1.91 -3.40	33.54 1.62 -4.91	32.89 1.50 -4.57	31.81 1.46 -3.32	32.36 1.55 -2.17	34.63 1.87 0.00	45.91 2.64 0.00	54.42 3.13 0.00	47.64 3.20 0.00	39.48 2.72 0.00	38.59 2.79 -1.39	37.31 2.59 -2.33	36.66 2.53 -1.66	37.82 2.83 0.00	40.93 2.89 0.00	46.33 3.27 0.00	55.64 3.45 0.00	66.25 3.98 0.00	59.41 3.47 0.00	52.18 3.23 0.00	46.81 2.57 0.00	43.13 2.67 0.00	41.32 2.70 0.00	38.82 2.47 -0.01
N.TROY___115KV_TB1 355778	34.54 1.17 -4.06	33.98 1.08 -5.89	33.37 1.07 -5.48	32.09 1.08 -3.98	32.39 1.15 -2.60	34.17 1.41 0.00	45.18 1.90 0.00	53.60 2.31 0.00	46.40 1.96 0.00	38.31 1.54 0.00	36.39 1.51 -0.47	34.77 1.42 -0.96	34.70 1.43 -0.81	36.53 1.54 0.00	39.68 1.64 0.00	44.95 1.89 0.00	54.39 2.19 0.00	64.69 2.43 0.00	58.07 2.13 0.00	50.80 1.86 0.00	45.97 1.73 0.00	42.20 1.74 0.00	40.32 1.70 0.00	37.83 1.49 0.00
NARROWS_GT1_1 24228	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
NARROWS_GT1_2 24229	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
NARROWS_GT1_3 24230	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
NARROWS_GT1_4 24231	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01

NARROWS_GT1_5 24232	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
NARROWS_GT1_6 24233	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
NARROWS_GT1_7 24234	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
NARROWS_GT1_8 24235	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
NARROWS_GT2_1 24236	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
NARROWS_GT2_2 24237	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
NARROWS_GT2_3 24238	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
NARROWS_GT2_4 24239	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
NARROWS_GT2_5 24240	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
NARROWS_GT2_6 24241	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
NARROWS_GT2_7 24242	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
NARROWS_GT2_8 24243	34.91 2.20 -3.40	33.83 1.89 -4.93	33.15 1.74 -4.59	32.03 1.68 -3.32	32.62 1.81 -2.17	35.06 2.29 0.00	46.39 3.12 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.29 2.83 0.00	41.28 2.66 0.00	39.00 2.65 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.90 0.76 -3.82	33.26 0.70 -5.55	32.73 0.75 -5.16	31.53 0.76 -3.74	31.92 0.83 -2.44	34.08 1.31 0.00	45.05 1.77 0.00	53.29 2.00 0.00	45.87 1.42 0.00	37.53 0.77 0.00	36.03 1.03 -0.60	34.40 0.87 -1.14	34.25 0.88 -0.91	35.93 0.94 0.00	39.26 1.22 0.00	44.43 1.38 0.00	53.87 1.67 0.00	64.50 2.24 0.00	58.01 2.07 0.00	50.66 1.71 0.00	45.83 1.59 0.00	42.16 1.70 0.00	40.36 1.74 0.00	37.97 1.64 0.00
NCHELSEA_115KV_TR2 355582	34.42 1.73 -3.38	33.42 1.51 -4.90	32.80 1.42 -4.56	31.72 1.38 -3.31	32.32 1.52 -2.16	34.70 1.93 0.00	46.22 2.94 0.00	54.78 3.49 0.00	47.60 3.16 0.00	39.19 2.43 0.00	37.99 2.24 -1.35	36.69 2.04 -2.26	36.13 2.05 -1.62	37.23 2.24 0.00	40.59 2.55 0.00	46.11 3.06 0.00	55.54 3.34 0.00	66.25 3.98 0.00	59.41 3.47 0.00	52.08 3.13 0.00	46.85 2.61 0.00	43.05 2.59 0.00	40.94 2.32 0.00	38.37 2.03 0.00
NEG CAPITAL___MECHNVIL 23645	34.94 1.52 -4.10	34.37 1.40 -5.96	33.73 1.37 -5.54	32.40 1.35 -4.02	32.67 1.40 -2.62	34.53 1.77 0.00	45.78 2.51 0.00	54.31 3.03 0.00	46.98 2.53 0.00	38.71 1.95 0.00	36.67 1.82 -0.45	34.99 1.68 -0.93	34.90 1.65 -0.79	36.81 1.82 0.00	40.09 2.05 0.00	45.51 2.45 0.00	55.12 2.92 0.00	65.75 3.48 0.00	59.07 3.13 0.00	51.59 2.64 0.00	46.63 2.39 0.00	42.72 2.26 0.00	40.71 2.08 0.00	38.19 1.85 0.00

NEG CENTRAL_HIGH_ACRES 23767	28.39 -1.29 -0.37	26.33 -1.21 -0.53	26.16 -1.15 -0.49	26.20 -1.19 -0.36	27.62 -1.26 -0.23	31.06 -1.71 0.00	41.29 -1.99 0.00	48.62 -2.67 0.00	42.18 -2.27 0.00	35.11 -1.65 0.00	32.72 -1.69 0.00	30.82 -1.59 -0.02	31.10 -1.39 -0.03	33.27 -1.71 0.00	36.22 -1.83 0.00	40.77 -2.28 0.00	49.54 -2.66 0.00	59.09 -3.17 0.00	53.43 -2.52 0.00	46.69 -2.25 0.00	42.25 -1.99 0.00	38.27 -2.19 0.00	36.57 -2.05 0.00	34.52 -1.82 0.00
NEG CENTRAL___DRP 24199	29.28 -0.44 -0.41	27.20 -0.41 -0.59	26.97 -0.40 -0.55	27.03 -0.41 -0.40	28.48 -0.43 -0.26	32.50 -0.26 0.00	43.15 -0.13 0.00	50.98 -0.31 0.00	44.22 -0.22 0.00	36.69 -0.07 0.00	34.10 -0.31 0.00	32.09 -0.32 -0.02	32.08 -0.42 -0.03	34.67 -0.31 0.00	37.74 -0.30 0.00	42.58 -0.47 0.00	51.68 -0.52 0.00	61.95 -0.31 0.00	55.83 -0.11 0.00	48.70 -0.24 0.00	44.11 -0.13 0.00	39.93 -0.53 0.00	38.08 -0.54 0.00	35.94 -0.40 0.00
NEG CENTRAL___INDECK 23768	29.18 -0.67 -0.54	27.14 -0.65 -0.78	26.98 -0.56 -0.73	26.96 -0.59 -0.53	28.36 -0.63 -0.34	32.21 -0.56 0.00	43.28 0.00 0.00	51.08 -0.20 0.00	44.09 -0.36 0.00	36.58 -0.18 0.00	33.79 -0.62 0.00	31.71 -0.71 -0.03	31.76 -0.75 -0.04	34.36 -0.63 0.00	37.47 -0.57 0.00	42.28 -0.77 0.00	51.78 -0.42 0.00	62.26 0.00 0.00	56.62 0.67 0.00	49.48 0.54 0.00	44.78 0.53 0.00	40.30 -0.16 0.00	38.47 -0.15 0.00	36.34 0.00 0.00
NEG CENTRAL___SENECA 23627	29.15 -0.62 -0.45	27.10 -0.57 -0.66	26.87 -0.56 -0.61	26.91 -0.57 -0.44	28.33 -0.60 -0.29	32.44 -0.33 0.00	43.19 -0.09 0.00	50.98 -0.31 0.00	44.31 -0.13 0.00	36.80 0.04 0.00	34.13 -0.28 0.00	32.09 -0.32 -0.03	32.01 -0.49 -0.04	34.71 -0.28 0.00	37.77 -0.27 0.00	42.58 -0.47 0.00	51.62 -0.57 0.00	61.95 -0.31 0.00	55.94 0.00 0.00	48.80 -0.15 0.00	44.29 0.04 0.00	39.97 -0.49 0.00	38.08 -0.54 0.00	36.01 -0.33 0.00
NEG CENTRAL___STATE_STREET 24147	29.62 -0.09 -0.40	27.53 -0.05 -0.58	27.30 -0.05 -0.54	27.34 -0.08 -0.39	28.78 -0.11 -0.25	32.73 -0.03 0.00	43.32 0.04 0.00	51.39 0.10 0.00	44.44 0.00 0.00	36.80 0.04 0.00	34.27 -0.14 0.00	32.25 -0.16 -0.02	32.30 -0.19 -0.03	34.85 -0.14 0.00	37.89 -0.15 0.00	42.84 -0.22 0.00	52.04 -0.16 0.00	62.33 0.06 0.00	56.11 0.17 0.00	48.94 0.00 0.00	44.24 0.00 0.00	40.17 -0.28 0.00	38.27 -0.35 0.00	36.05 -0.29 0.00
NEG MILLWOOD___DRP 24198	34.54 1.82 -3.40	33.54 1.59 -4.94	32.92 1.50 -4.60	31.83 1.46 -3.34	32.40 1.58 -2.18	34.76 2.00 0.00	46.39 3.12 0.00	55.03 3.74 0.00	47.91 3.47 0.00	39.45 2.68 0.00	38.12 2.44 -1.28	36.77 2.23 -2.15	36.22 2.21 -1.55	37.47 2.48 0.00	40.78 2.74 0.00	46.33 3.27 0.00	55.75 3.55 0.00	66.50 4.23 0.00	59.69 3.75 0.00	52.27 3.33 0.00	47.12 2.88 0.00	43.25 2.79 0.00	41.09 2.47 0.00	38.52 2.18 0.00
NEG NORTH_FLCN_SEA 23793	9.60 -2.87 16.84	5.60 -2.70 18.71	5.39 -2.71 18.72	5.67 -2.76 18.61	6.53 -3.04 19.08	19.33 -3.70 9.73	38.82 -4.46 0.00	46.16 -5.13 0.00	39.47 -4.98 0.00	32.23 -4.52 0.01	30.23 -4.16 0.01	18.09 -3.85 10.44	26.64 -3.67 2.15	31.03 -3.95 0.01	34.24 -3.80 0.00	39.57 -3.49 0.00	48.75 -3.45 0.00	58.28 -3.98 0.00	52.47 -3.47 0.00	45.57 -3.38 0.00	42.03 -2.21 0.00	37.63 -2.83 0.00	36.73 -1.89 0.00	35.18 -1.16 0.00
NEG NORTH_KES_CHATEGAY 23792	9.59 -3.17 16.56	5.64 -2.97 18.39	5.44 -2.98 18.40	5.71 -3.03 18.29	6.62 -3.27 18.75	19.20 -4.00 9.57	38.38 -4.89 0.00	45.70 -5.59 0.00	39.02 -5.42 0.00	31.83 -4.93 0.01	29.89 -4.51 0.01	17.94 -4.18 10.27	26.32 -4.03 2.12	30.64 -4.34 0.01	33.74 -4.30 0.00	39.01 -4.05 0.00	48.07 -4.12 0.00	57.47 -4.79 0.00	51.75 -4.20 0.00	44.93 -4.01 0.00	41.45 -2.79 0.00	37.14 -3.32 0.00	36.27 -2.36 0.00	34.70 -1.64 0.00
NEG NORTH___ALICE_FALLS 23915	9.70 -2.81 16.80	5.70 -2.65 18.66	5.50 -2.66 18.67	5.77 -2.70 18.56	6.67 -2.95 19.02	19.45 -3.60 9.71	38.99 -4.28 0.00	46.42 -4.87 0.00	39.64 -4.80 0.00	32.34 -4.41 0.01	30.34 -4.06 0.01	18.22 -3.76 10.41	26.74 -3.57 2.15	31.13 -3.85 0.01	34.35 -3.69 0.00	39.74 -3.32 0.00	49.01 -3.18 0.00	58.59 -3.67 0.00	52.75 -3.19 0.00	45.76 -3.18 0.00	42.25 -1.99 0.00	37.75 -2.71 0.00	36.84 -1.78 0.00	35.25 -1.09 0.00
NEG NORTH___LWR_SARANAC 23913	9.70 -2.81 16.80	5.70 -2.65 18.66	5.50 -2.66 18.67	5.77 -2.70 18.56	6.67 -2.95 19.02	19.45 -3.60 9.71	38.99 -4.28 0.00	46.42 -4.87 0.00	39.64 -4.80 0.00	32.34 -4.41 0.01	30.34 -4.06 0.01	18.22 -3.76 10.41	26.74 -3.57 2.15	31.13 -3.85 0.01	34.35 -3.69 0.00	39.74 -3.32 0.00	49.01 -3.18 0.00	58.59 -3.67 0.00	52.75 -3.19 0.00	45.76 -3.18 0.00	42.25 -1.99 0.00	37.75 -2.71 0.00	36.84 -1.78 0.00	35.25 -1.09 0.00
NEG NORTH___PLATTSBURG 23628	9.70 -2.81 16.80	5.70 -2.65 18.66	5.50 -2.66 18.67	5.77 -2.70 18.56	6.67 -2.95 19.02	19.49 -3.57 9.71	38.99 -4.28 0.00	46.41 -4.87 0.00	39.69 -4.75 0.00	32.34 -4.41 0.01	30.34 -4.06 0.01	18.22 -3.76 10.41	26.74 -3.57 2.15	31.13 -3.85 0.01	34.35 -3.69 0.00	39.74 -3.31 0.00	49.01 -3.19 0.00	58.59 -3.67 0.00	52.76 -3.19 0.00	45.76 -3.18 0.00	42.25 -1.99 0.00	37.75 -2.71 0.00	36.81 -1.81 0.00	35.25 -1.09 0.00
NEG WEST_LEA_LOCKPORT 23791	27.63 -2.14 -0.45	25.53 -2.13 -0.66	25.34 -2.09 -0.61	25.42 -2.05 -0.45	26.82 -2.12 -0.29	30.54 -2.23 0.00	40.51 -2.77 0.00	47.13 -4.15 0.00	41.02 -3.42 0.00	34.56 -2.21 0.00	32.17 -2.24 0.00	30.15 -2.27 -0.03	30.23 -2.27 -0.04	32.57 -2.41 0.00	35.49 -2.55 0.00	39.66 -3.40 0.00	48.07 -4.12 0.00	57.03 -5.23 0.00	51.75 -4.20 0.00	45.42 -3.52 0.00	41.19 -3.05 0.00	36.78 -3.68 0.00	35.53 -3.09 0.00	34.23 -2.11 0.00
NEG WEST___LANCASTER 23811	26.85 -2.99 -0.53	24.86 -2.92 -0.77	24.61 -2.92 -0.71	24.68 -2.87 -0.52	26.00 -2.98 -0.34	31.55 -1.21 0.00	42.02 -1.25 0.00	48.98 -2.31 0.00	42.67 -1.78 0.00	35.99 -0.77 0.00	33.30 -1.10 0.00	31.12 -1.30 -0.03	29.65 -2.86 -0.04	33.66 -1.33 0.00	36.71 -1.33 0.00	40.99 -2.07 0.00	49.85 -2.35 0.00	59.77 -2.49 0.00	53.98 -1.96 0.00	47.33 -1.62 0.00	43.00 -1.24 0.00	38.44 -2.02 0.00	36.88 -1.74 0.00	35.50 -0.84 0.00
NEG_PENN_ALLEGHNY 23528	30.35 0.00 -1.04	28.51 0.00 -1.50	28.19 -0.03 -1.40	28.05 0.00 -1.02	29.31 0.00 -0.66	32.96 0.20 0.00	43.80 0.52 0.00	51.91 0.62 0.00	44.98 0.54 0.00	37.31 0.55 0.00	34.55 0.34 0.20	32.40 0.26 0.25	32.45 0.10 0.11	35.34 0.35 0.00	38.38 0.34 0.00	43.36 0.30 0.00	52.72 0.52 0.00	63.07 0.81 0.00	56.73 0.78 0.00	49.53 0.59 0.00	44.82 0.57 0.00	40.78 0.32 0.00	38.85 0.23 0.00	36.63 0.29 0.00
NEG___GEN_MONROE 24207	28.61 -1.08 -0.38	26.48 -1.08 -0.55	26.32 -1.02 -0.51	26.35 -1.05 -0.37	27.80 -1.09 -0.24	31.36 -1.41 0.00	41.54 -1.73 0.00	48.72 -2.56 0.00	42.31 -2.13 0.00	35.33 -1.43 0.00	32.93 -1.48 0.00	30.92 -1.49 -0.02	31.23 -1.27 -0.03	33.41 -1.57 0.00	36.33 -1.71 0.00	40.86 -2.20 0.00	49.59 -2.61 0.00	59.09 -3.18 0.00	53.54 -2.41 0.00	46.94 -2.01 0.00	42.47 -1.77 0.00	38.19 -2.27 0.00	36.65 -1.97 0.00	34.99 -1.34 0.00

NEPA__ENERGY 23901	27.47 -2.35 -0.50	25.39 -2.35 -0.73	25.19 -2.31 -0.68	25.31 -2.22 -0.49	26.76 -2.21 -0.32	31.03 -1.74 0.00	41.33 -1.95 0.00	48.26 -3.03 0.00	42.04 -2.40 0.00	35.40 -1.36 0.00	32.89 -1.51 0.00	30.76 -1.65 -0.03	30.43 -2.08 -0.04	33.27 -1.71 0.00	36.33 -1.71 0.00	40.65 -2.41 0.00	49.48 -2.71 0.00	59.15 -3.11 0.00	53.54 -2.41 0.00	46.99 -1.96 0.00	42.61 -1.64 0.00	37.99 -2.47 0.00	36.61 -2.01 0.00	35.21 -1.13 0.00
NEVERSink__HYD 23608	33.53 1.26 -2.95	32.43 1.13 -4.28	31.85 1.04 -3.99	30.92 1.00 -2.89	31.65 1.12 -1.89	34.31 1.54 0.00	45.74 2.47 0.00	54.26 2.97 0.00	47.02 2.58 0.00	38.67 1.91 0.00	36.24 1.65 -0.18	34.29 1.46 -0.45	34.35 1.46 -0.42	36.60 1.61 0.00	39.98 1.94 0.00	45.51 2.45 0.00	55.17 2.97 0.00	65.94 3.67 0.00	59.13 3.19 0.00	51.83 2.89 0.00	46.63 2.39 0.00	42.68 2.22 0.00	40.59 1.97 0.00	38.15 1.82 0.00
NEWKRMKL_115KV_TB1 55635	33.87 0.53 -4.03	33.34 0.49 -5.85	32.77 0.51 -5.44	31.55 0.57 -3.95	31.79 0.57 -2.58	33.45 0.69 0.00	44.14 0.87 0.00	52.37 1.08 0.00	45.38 0.93 0.00	37.53 0.77 0.00	36.04 1.17 -0.47	34.44 1.10 -0.95	34.37 1.10 -0.80	36.18 1.19 0.00	39.26 1.22 0.00	44.09 1.03 0.00	53.24 1.04 0.00	63.38 1.12 0.00	56.89 0.95 0.00	49.78 0.83 0.00	45.04 0.80 0.00	41.55 1.09 0.00	39.86 1.24 0.00	37.43 1.09 0.00
NEWTON__FALLS_HYD 23847	18.49 -1.82 9.00	15.37 -1.67 9.97	15.20 -1.64 9.98	15.45 -1.62 9.96	16.65 -1.75 10.25	25.44 -2.06 5.26	40.89 -2.38 0.00	48.83 -2.46 0.00	41.78 -2.67 0.00	34.11 -2.65 0.00	31.92 -2.48 0.00	24.38 -2.36 5.64	29.03 -2.27 1.16	32.53 -2.45 0.00	35.64 -2.40 0.00	40.77 -2.28 0.00	50.32 -1.88 0.00	60.21 -2.05 0.00	54.26 -1.68 0.00	47.18 -1.76 0.00	43.14 -1.11 0.00	38.88 -1.58 0.00	37.35 -1.27 0.00	35.39 -0.94 0.00
NGRID_A1_DSASP 323792	27.55 -2.23 -0.46	25.52 -2.16 -0.67	25.30 -2.15 -0.63	25.40 -2.08 -0.45	26.68 -2.26 -0.30	30.05 -2.72 0.00	39.98 -3.29 0.00	46.16 -5.13 0.00	40.31 -4.13 0.00	34.08 -2.68 0.00	31.69 -2.72 0.00	29.79 -2.62 -0.03	29.93 -2.57 -0.04	32.05 -2.94 0.00	34.92 -3.12 0.00	38.97 -4.09 0.00	47.24 -4.96 0.00	56.10 -6.17 0.00	50.96 -4.98 0.00	44.69 -4.26 0.00	40.62 -3.63 0.00	36.61 -3.84 0.00	35.42 -3.21 0.00	33.90 -2.43 0.00
NGRID_A2_DSASP 323793	27.55 -2.23 -0.46	25.52 -2.16 -0.67	25.30 -2.15 -0.63	25.40 -2.08 -0.45	26.68 -2.26 -0.30	30.05 -2.72 0.00	39.98 -3.29 0.00	46.16 -5.13 0.00	40.31 -4.13 0.00	34.08 -2.68 0.00	31.69 -2.72 0.00	29.79 -2.62 -0.03	29.93 -2.57 -0.04	32.05 -2.94 0.00	34.92 -3.12 0.00	38.97 -4.09 0.00	47.24 -4.96 0.00	56.10 -6.17 0.00	50.96 -4.98 0.00	44.69 -4.26 0.00	40.62 -3.63 0.00	36.61 -3.84 0.00	35.42 -3.21 0.00	33.90 -2.43 0.00
NGRID_A4_DSASP 323807	27.55 -2.23 -0.46	25.52 -2.16 -0.67	25.30 -2.15 -0.63	25.40 -2.08 -0.45	26.68 -2.26 -0.30	30.05 -2.72 0.00	39.98 -3.29 0.00	46.16 -5.13 0.00	40.31 -4.13 0.00	34.08 -2.68 0.00	31.69 -2.72 0.00	29.79 -2.62 -0.03	29.93 -2.57 -0.04	32.05 -2.94 0.00	34.92 -3.12 0.00	38.97 -4.09 0.00	47.24 -4.96 0.00	56.10 -6.17 0.00	50.96 -4.98 0.00	44.69 -4.26 0.00	40.62 -3.63 0.00	36.61 -3.84 0.00	35.42 -3.21 0.00	33.90 -2.43 0.00
NIAGARA_115E_LBMP 323715	27.17 -2.61 -0.47	25.15 -2.54 -0.68	24.96 -2.49 -0.63	25.06 -2.43 -0.46	26.31 -2.63 -0.30	29.72 -3.05 0.00	39.55 -3.72 0.00	45.70 -5.59 0.00	39.91 -4.53 0.00	33.71 -3.05 0.00	31.34 -3.06 0.00	29.43 -2.98 -0.03	29.51 -2.99 -0.04	31.70 -3.29 0.00	34.54 -3.50 0.00	38.58 -4.48 0.00	46.77 -5.43 0.00	55.73 -6.54 0.00	50.57 -5.37 0.00	44.39 -4.55 0.00	40.30 -3.94 0.00	36.33 -4.13 0.00	35.15 -3.48 0.00	33.58 -2.76 0.00
NIAGARA_115W_LBMP 323714	27.52 -2.26 -0.46	25.49 -2.19 -0.67	25.27 -2.17 -0.62	25.38 -2.11 -0.45	26.65 -2.29 -0.30	30.01 -2.75 0.00	39.90 -3.38 0.00	46.06 -5.23 0.00	40.26 -4.18 0.00	34.04 -2.72 0.00	31.65 -2.75 0.00	29.76 -2.65 -0.03	29.87 -2.63 -0.04	32.01 -2.97 0.00	34.88 -3.16 0.00	38.92 -4.13 0.00	47.19 -5.01 0.00	56.04 -6.23 0.00	50.85 -5.09 0.00	44.64 -4.31 0.00	40.53 -3.72 0.00	36.57 -3.88 0.00	35.38 -3.24 0.00	33.83 -2.51 0.00
NIAGARA_230_LBMP 323716	27.57 -2.20 -0.46	25.54 -2.13 -0.66	25.32 -2.12 -0.62	25.42 -2.06 -0.45	26.70 -2.23 -0.29	30.11 -2.65 0.00	40.07 -3.20 0.00	46.31 -4.97 0.00	40.44 -4.00 0.00	34.15 -2.61 0.00	31.76 -2.65 0.00	29.82 -2.59 -0.03	29.93 -2.57 -0.04	32.12 -2.87 0.00	35.00 -3.04 0.00	39.05 -4.00 0.00	47.34 -4.85 0.00	56.29 -5.98 0.00	51.08 -4.87 0.00	44.83 -4.11 0.00	40.70 -3.54 0.00	36.74 -3.72 0.00	35.49 -3.13 0.00	33.94 -2.40 0.00
NIAGARA__115KV_198_GIBSON 55903	27.46 -2.32 -0.46	25.38 -2.30 -0.67	25.17 -2.28 -0.62	25.24 -2.24 -0.45	26.62 -2.32 -0.30	30.14 -2.62 0.00	39.81 -3.46 0.00	46.16 -5.13 0.00	40.27 -4.18 0.00	34.01 -2.76 0.00	31.65 -2.75 0.00	29.73 -2.69 -0.03	29.87 -2.63 -0.04	32.01 -2.97 0.00	34.85 -3.20 0.00	38.88 -4.18 0.00	47.08 -5.12 0.00	56.04 -6.23 0.00	50.85 -5.09 0.00	44.64 -4.31 0.00	40.48 -3.76 0.00	36.21 -4.25 0.00	35.07 -3.55 0.00	33.83 -2.51 0.00
NIAGARA____ 23760	27.58 -2.20 -0.46	25.55 -2.13 -0.67	25.33 -2.12 -0.62	25.43 -2.06 -0.45	26.71 -2.23 -0.30	30.11 -2.65 0.00	40.07 -3.20 0.00	46.31 -4.97 0.00	40.44 -4.00 0.00	34.15 -2.61 0.00	31.76 -2.65 0.00	29.82 -2.59 -0.03	29.93 -2.57 -0.04	32.12 -2.87 0.00	35.00 -3.04 0.00	39.05 -4.00 0.00	47.34 -4.85 0.00	56.29 -5.98 0.00	51.08 -4.87 0.00	44.83 -4.11 0.00	40.70 -3.54 0.00	36.74 -3.72 0.00	35.49 -3.13 0.00	33.94 -2.40 0.00
NINE_MILE_1 23575	28.72 -0.79 -0.19	26.56 -0.73 -0.28	26.36 -0.72 -0.26	26.49 -0.73 -0.19	28.00 -0.77 -0.12	31.78 -0.98 0.00	41.80 -1.47 0.00	49.44 -1.84 0.00	42.80 -1.64 0.00	35.47 -1.29 0.00	33.13 -1.27 0.00	31.23 -1.16 -0.01	31.34 -1.14 -0.02	33.69 -1.29 0.00	36.63 -1.41 0.00	41.42 -1.64 0.00	50.27 -1.93 0.00	59.96 -2.30 0.00	53.93 -2.01 0.00	47.18 -1.76 0.00	42.65 -1.59 0.00	38.92 -1.54 0.00	37.15 -1.47 0.00	34.96 -1.38 0.00
NINE_MILE_2 23744	28.72 -0.79 -0.19	26.56 -0.73 -0.28	26.36 -0.72 -0.26	26.49 -0.73 -0.19	28.00 -0.77 -0.12	31.78 -0.98 0.00	41.80 -1.47 0.00	49.44 -1.84 0.00	42.80 -1.64 0.00	35.47 -1.29 0.00	33.13 -1.27 0.00	31.23 -1.16 -0.01	31.34 -1.14 -0.02	33.69 -1.29 0.00	36.63 -1.41 0.00	41.42 -1.64 0.00	50.27 -1.93 0.00	59.96 -2.30 0.00	53.93 -2.01 0.00	47.18 -1.76 0.00	42.65 -1.59 0.00	38.92 -1.54 0.00	37.15 -1.47 0.00	34.96 -1.38 0.00
NM_CAPITAL__DRP 24208	33.98 0.64 -4.02	33.41 0.57 -5.84	32.84 0.59 -5.43	31.62 0.65 -3.94	31.90 0.69 -2.57	33.55 0.79 0.00	44.31 1.04 0.00	52.52 1.23 0.00	45.51 1.07 0.00	37.65 0.88 0.00	36.12 1.24 -0.48	34.52 1.17 -0.97	34.41 1.14 -0.81	36.21 1.22 0.00	39.30 1.26 0.00	44.22 1.16 0.00	53.40 1.20 0.00	63.57 1.31 0.00	57.01 1.06 0.00	49.87 0.93 0.00	45.13 0.88 0.00	41.63 1.17 0.00	39.90 1.27 0.00	37.46 1.13 0.00

NM_CENTRAL___DRP 24181	28.97 -0.29 0.05	26.80 -0.24 -0.04	26.59 -0.24 -0.01	26.67 -0.27 0.09	28.16 -0.29 0.20	32.25 -0.33 0.19	42.76 -0.52 0.00	50.67 -0.62 0.00	43.91 -0.53 0.00	36.39 -0.37 0.00	33.96 -0.45 0.00	31.78 -0.42 0.19	32.02 -0.42 0.02	34.57 -0.42 0.00	37.55 -0.49 0.00	42.41 -0.65 0.00	51.41 -0.78 0.00	61.45 -0.81 0.00	55.27 -0.67 0.00	48.26 -0.69 0.00	43.62 -0.62 0.00	39.73 -0.73 0.00	37.89 -0.73 0.00	35.68 -0.65 0.00
NM_FRONTIER___DRP 24179	27.46 -2.32 -0.46	25.38 -2.30 -0.67	25.17 -2.28 -0.62	25.24 -2.24 -0.45	26.62 -2.32 -0.30	30.14 -2.62 0.00	39.81 -3.46 0.00	46.16 -5.13 0.00	40.27 -4.18 0.00	34.01 -2.76 0.00	31.65 -2.75 0.00	29.73 -2.69 -0.03	29.87 -2.63 -0.04	32.01 -2.97 0.00	34.85 -3.20 0.00	38.88 -4.18 0.00	47.08 -5.12 0.00	56.04 -6.23 0.00	50.85 -5.09 0.00	44.64 -4.31 0.00	40.48 -3.76 0.00	36.21 -4.25 0.00	35.07 -3.55 0.00	33.83 -2.51 0.00
NM_ST_REGIS___HYD 24053	12.84 -2.58 13.90	9.19 -2.40 15.41	9.03 -2.36 15.43	9.29 -2.38 15.36	10.32 -2.55 15.77	21.58 -3.11 8.07	39.60 -3.68 0.00	47.24 -4.05 0.00	40.27 -4.18 0.00	32.86 -3.90 0.01	30.82 -3.58 0.01	20.43 -3.30 8.65	27.50 -3.18 1.78	31.52 -3.46 0.01	34.65 -3.39 0.00	39.87 -3.19 0.00	49.12 -3.08 0.00	58.71 -3.55 0.00	52.87 -3.08 0.00	45.91 -3.03 0.00	42.25 -1.99 0.00	37.83 -2.63 0.00	36.73 -1.89 0.00	35.07 -1.27 0.00
NORTHPORT___1 23551	34.46 1.76 -3.39	33.44 1.51 -4.92	32.61 1.21 -4.58	31.44 1.08 -3.32	32.07 1.26 -2.17	34.96 2.20 0.00	46.66 3.38 -0.01	54.67 3.38 0.00	47.91 3.47 0.00	39.86 3.09 -0.01	38.69 2.89 -1.39	37.43 2.72 -2.33	36.83 2.69 -1.67	37.90 2.90 -0.01	44.66 3.12 -3.50	48.61 3.62 -1.94	56.52 3.92 -0.41	66.26 3.99 -0.01	59.98 3.63 -0.40	58.14 3.57 -5.62	55.28 3.19 -7.85	47.27 2.95 -3.86	41.33 2.70 -0.01	38.52 2.18 0.00
NORTHPORT___2 23552	34.46 1.76 -3.39	33.44 1.51 -4.92	32.61 1.21 -4.58	31.44 1.08 -3.32	32.07 1.26 -2.17	34.96 2.20 0.00	46.66 3.38 -0.01	54.67 3.38 0.00	47.91 3.47 0.00	39.86 3.09 -0.01	38.69 2.89 -1.39	37.43 2.72 -2.33	36.83 2.69 -1.67	37.90 2.90 -0.01	44.66 3.12 -3.50	48.61 3.62 -1.94	56.52 3.92 -0.41	66.26 3.99 -0.01	59.98 3.63 -0.40	58.14 3.57 -5.62	55.28 3.19 -7.85	47.27 2.95 -3.86	41.33 2.70 -0.01	38.52 2.18 0.00
NORTHPORT___3 23553	34.87 2.17 -3.39	33.82 1.89 -4.92	33.01 1.61 -4.58	31.84 1.49 -3.32	32.50 1.69 -2.17	35.39 2.62 0.00	47.22 3.94 -0.01	55.65 4.36 0.00	48.62 4.18 0.00	40.38 3.60 -0.01	39.17 3.37 -1.39	37.89 3.18 -2.33	37.25 3.12 -1.67	38.39 3.39 -0.01	45.23 3.65 -3.54	49.15 4.13 -1.96	57.16 4.54 -0.42	67.39 5.11 -0.02	60.89 4.53 -0.41	58.84 4.21 -5.68	55.84 3.67 -7.93	47.88 3.52 -3.90	41.87 3.24 -0.01	39.07 2.73 0.00
NORTHPORT___4 23650	34.87 2.17 -3.39	33.82 1.89 -4.92	33.01 1.61 -4.58	31.84 1.49 -3.32	32.50 1.69 -2.17	35.39 2.62 0.00	47.22 3.94 -0.01	55.65 4.36 0.00	48.62 4.18 0.00	40.38 3.60 -0.01	39.17 3.37 -1.39	37.89 3.18 -2.33	37.25 3.12 -1.67	38.39 3.39 -0.01	45.23 3.65 -3.54	49.15 4.13 -1.96	57.16 4.54 -0.42	67.39 5.11 -0.02	60.89 4.53 -0.41	58.84 4.21 -5.68	55.84 3.67 -7.93	47.88 3.52 -3.90	41.87 3.24 -0.01	39.07 2.73 0.00
NORTHPORT___IC 23718	34.67 1.96 -3.39	33.50 1.57 -4.92	32.69 1.29 -4.58	31.52 1.16 -3.32	32.22 1.40 -2.17	35.12 2.36 0.00	46.75 3.46 -0.01	54.52 3.23 0.00	47.82 3.38 0.00	39.86 3.09 -0.01	38.62 2.82 -1.39	37.43 2.72 -2.33	36.83 2.69 -1.67	37.90 2.90 -0.01	44.70 3.16 -3.50	48.61 3.62 -1.94	56.57 3.97 -0.41	66.26 3.98 -0.01	59.98 3.64 -0.40	58.19 3.62 -5.62	55.28 3.19 -7.85	47.39 3.07 -3.86	41.41 2.78 -0.01	38.45 2.11 0.00
NORTH___COUNTRY_ESR 323785	9.54 -3.22 16.55	5.60 -3.02 18.39	5.39 -3.03 18.40	5.66 -3.08 18.29	6.55 -3.35 18.75	19.14 -4.06 9.57	38.26 -5.02 0.00	45.54 -5.74 0.00	38.93 -5.51 0.00	31.76 -5.00 0.01	29.82 -4.58 0.01	17.88 -4.24 10.26	26.29 -4.06 2.12	30.57 -4.41 0.01	33.67 -4.37 0.00	38.92 -4.13 0.00	47.92 -4.28 0.00	57.28 -4.98 0.00	51.52 -4.42 0.00	44.78 -4.16 0.00	41.28 -2.96 0.00	37.02 -3.44 0.00	36.15 -2.47 0.00	34.63 -1.71 0.00
NPX_GEN_1385_PROXY 323591	34.43 1.73 -3.39	33.39 1.46 -4.92	32.58 1.18 -4.58	31.41 1.05 -3.32	32.02 1.20 -2.17	35.16 2.39 0.00	46.96 3.68 -0.01	55.39 4.10 0.00	47.78 3.33 0.00	39.79 3.02 -0.01	38.62 2.82 -1.39	37.37 2.66 -2.33	36.76 2.63 -1.67	37.87 2.87 -0.01	44.62 3.08 -3.50	49.00 4.00 -1.94	56.89 4.28 -0.41	66.45 4.17 -0.01	60.38 4.03 -0.40	58.49 3.92 -5.62	55.41 3.32 -7.85	47.27 2.95 -3.86	41.33 2.70 -0.01	38.52 2.18 0.00
NPX_GEN_CSC 323557	34.64 1.93 -3.39	33.66 1.73 -4.92	32.79 1.39 -4.58	31.57 1.22 -3.32	32.25 1.43 -2.17	35.25 2.49 0.00	47.05 3.76 -0.01	55.24 3.95 0.00	48.58 4.13 0.00	40.38 3.60 -0.01	39.03 3.23 -1.39	37.85 3.14 -2.33	37.25 3.12 -1.67	38.39 3.39 -0.01	45.28 3.69 -3.55	48.68 3.66 -1.97	56.21 3.60 -0.41	66.45 4.17 -0.01	60.16 3.81 -0.41	58.22 3.57 -5.70	55.74 3.54 -7.96	47.41 3.04 -3.92	41.56 2.93 -0.01	38.67 2.33 0.00
NSINS_S___GLNS_FALLS 23858	35.44 1.99 -4.13	34.81 1.81 -6.00	34.11 1.72 -5.58	32.78 1.70 -4.05	33.09 1.80 -2.64	35.12 2.36 0.00	46.52 3.25 0.00	55.24 3.95 0.00	47.73 3.29 0.00	39.15 2.39 0.00	37.04 2.20 -0.43	35.30 2.01 -0.90	35.15 1.92 -0.77	37.09 2.10 0.00	40.51 2.47 0.00	46.03 2.97 0.00	55.85 3.65 0.00	66.75 4.48 0.00	60.03 4.08 0.00	52.37 3.43 0.00	47.34 3.10 0.00	43.25 2.79 0.00	41.13 2.51 0.00	38.66 2.33 0.00
NUCOR_STEEL___DRP 24197	29.70 0.00 -0.38	27.59 0.03 -0.55	27.36 0.03 -0.51	27.40 0.00 -0.37	28.86 -0.03 -0.24	32.77 0.00 0.00	43.32 0.04 0.00	51.34 0.05 0.00	44.40 -0.04 0.00	36.76 0.00 0.00	34.27 -0.14 0.00	32.28 -0.13 -0.02	32.30 -0.19 -0.03	34.85 -0.14 0.00	37.89 -0.15 0.00	42.84 -0.22 0.00	52.04 -0.16 0.00	62.33 0.06 0.00	56.05 0.11 0.00	48.94 0.00 0.00	44.20 -0.04 0.00	40.22 -0.24 0.00	38.31 -0.31 0.00	36.08 -0.25 0.00
NUMBER_THREE_WT_PWR 323818	24.73 -0.85 3.73	22.15 -0.76 4.10	21.98 -0.72 4.12	22.19 -0.70 4.13	23.59 -0.77 4.28	29.69 -0.85 2.22	42.41 -0.87 0.00	50.67 -0.61 0.00	43.56 -0.89 0.00	35.66 -1.10 0.00	33.27 -1.13 0.00	28.84 -1.16 2.39	30.87 -1.10 0.48	33.83 -1.15 0.00	36.98 -1.06 0.00	42.11 -0.95 0.00	52.15 -0.05 0.00	62.39 0.12 0.00	56.28 0.34 0.00	48.99 0.05 0.00	44.51 0.27 0.00	40.42 -0.04 0.00	38.47 -0.15 0.00	36.27 -0.07 0.00
NYISO_LBMP_REFERENCE 24008	29.31 0.00 0.00	27.01 0.00 0.00	26.82 0.00 0.00	27.03 0.00 0.00	28.65 0.00 0.00	32.77 0.00 0.00	43.28 0.00 0.00	51.29 0.00 0.00	44.44 0.00 0.00	36.76 0.00 0.00	34.40 0.00 0.00	32.39 0.00 0.00	32.46 0.00 0.00	34.99 0.00 0.00	38.04 0.00 0.00	43.06 0.00 0.00	52.20 0.00 0.00	62.26 0.00 0.00	55.94 0.00 0.00	48.94 0.00 0.00	44.24 0.00 0.00	40.46 0.00 0.00	38.62 0.00 0.00	36.34 0.00 0.00

NYPA_BRENTWD____GT 24164	34.82 2.11 -3.39	33.77 1.84 -4.92	32.93 1.53 -4.58	31.73 1.38 -3.32	32.39 1.57 -2.17	35.39 2.62 0.00	47.22 3.94 -0.01	55.44 4.15 0.00	48.53 4.09 0.00	40.34 3.56 -0.01	39.10 3.30 -1.39	37.82 3.11 -2.33	37.22 3.09 -1.67	38.36 3.36 -0.01	45.30 3.65 -3.61	49.23 4.18 -2.00	57.21 4.59 -0.42	67.32 5.04 -0.01	60.95 4.59 -0.42	59.05 4.31 -5.80	56.14 3.81 -8.09	47.96 3.52 -3.98	41.83 3.20 -0.01	38.99 2.65 0.00
NYPA_GOWANUS____GT5 24156	34.88 2.17 -3.40	33.80 1.86 -4.93	33.15 1.74 -4.59	32.00 1.65 -3.32	32.59 1.78 -2.17	35.02 2.26 0.00	46.35 3.07 0.00	54.93 3.64 0.00	47.78 3.33 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.46 3.40 0.00	55.90 3.71 0.00	66.62 4.36 0.00	59.75 3.81 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.25 2.79 0.00	41.25 2.63 0.00	38.96 2.62 -0.01
NYPA_GOWANUS____GT6 24157	34.88 2.17 -3.40	33.80 1.86 -4.93	33.15 1.74 -4.59	32.00 1.65 -3.32	32.59 1.78 -2.17	35.02 2.26 0.00	46.35 3.07 0.00	54.93 3.64 0.00	47.78 3.33 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.46 3.40 0.00	55.90 3.71 0.00	66.62 4.36 0.00	59.75 3.81 0.00	52.47 3.53 0.00	46.99 2.74 0.00	43.25 2.79 0.00	41.25 2.63 0.00	38.96 2.62 -0.01
NYPA_HARLEM_RVR_GT1 24160	34.50 1.79 -3.40	33.46 1.54 -4.91	32.81 1.42 -4.57	31.70 1.35 -3.31	32.27 1.46 -2.16	34.66 1.90 0.01	45.78 2.51 0.01	54.31 3.03 0.01	47.50 3.06 0.01	39.40 2.65 0.01	38.51 2.72 -1.39	37.23 2.53 -2.32	36.59 2.47 -1.66	37.74 2.76 0.01	40.85 2.81 0.01	46.24 3.19 0.01	55.53 3.34 0.01	66.12 3.86 0.01	59.29 3.36 0.01	52.07 3.14 0.01	46.71 2.48 0.01	42.80 2.35 0.01	40.71 2.08 0.00	38.78 2.43 -0.01
NYPA_HARLEM_RVR_GT2 24161	34.50 1.79 -3.40	33.46 1.54 -4.91	32.81 1.42 -4.57	31.70 1.35 -3.31	32.27 1.46 -2.16	34.66 1.90 0.01	45.78 2.51 0.01	54.31 3.03 0.01	47.50 3.06 0.01	39.40 2.65 0.01	38.51 2.72 -1.39	37.23 2.53 -2.32	36.59 2.47 -1.66	37.74 2.76 0.01	40.85 2.81 0.01	46.24 3.19 0.01	55.53 3.34 0.01	66.12 3.86 0.01	59.29 3.36 0.01	52.07 3.14 0.01	46.71 2.48 0.01	42.80 2.35 0.01	40.71 2.08 0.00	38.78 2.43 -0.01
NYPA_KENT____GT 24152	34.82 2.11 -3.40	33.75 1.81 -4.93	33.07 1.66 -4.59	31.95 1.59 -3.32	32.53 1.72 -2.17	34.99 2.23 0.00	46.35 3.07 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.67 2.90 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.01 2.97 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.53 0.00	47.03 2.79 0.00	43.29 2.83 0.00	41.25 2.63 0.00	38.93 2.58 -0.01
NYPA_POUCH1____GT 24155	34.97 2.26 -3.40	33.91 1.97 -4.93	33.23 1.82 -4.59	32.11 1.76 -3.32	32.70 1.89 -2.17	35.09 2.33 0.00	46.39 3.12 0.00	54.82 3.54 0.00	47.65 3.20 0.00	39.44 2.68 0.00	38.41 2.61 -1.39	37.14 2.43 -2.33	36.50 2.37 -1.66	37.65 2.66 0.00	40.82 2.78 0.00	46.33 3.27 0.00	55.80 3.60 0.00	66.50 4.24 0.00	59.63 3.69 0.00	52.32 3.37 0.00	46.85 2.61 0.00	43.25 2.79 0.00	41.28 2.66 0.00	39.04 2.69 -0.01
NYPA_VERNON____GT2 24162	34.73 2.02 -3.40	33.67 1.73 -4.93	32.99 1.58 -4.59	31.87 1.51 -3.32	32.45 1.63 -2.17	34.96 2.20 0.00	46.30 3.03 0.00	54.93 3.64 0.00	47.87 3.42 0.00	39.70 2.94 0.00	38.65 2.85 -1.39	37.37 2.66 -2.33	36.73 2.60 -1.66	37.89 2.90 0.00	41.08 3.04 0.00	46.54 3.49 0.00	55.96 3.76 0.00	66.62 4.36 0.00	59.75 3.81 0.00	52.42 3.48 0.00	47.03 2.79 0.00	43.25 2.79 0.00	41.17 2.55 0.00	38.85 2.51 -0.01
NYPA_VERNON____GT3 24163	34.73 2.02 -3.40	33.67 1.73 -4.93	32.99 1.58 -4.59	31.87 1.51 -3.32	32.45 1.63 -2.17	34.96 2.20 0.00	46.30 3.03 0.00	54.93 3.64 0.00	47.87 3.42 0.00	39.70 2.94 0.00	38.65 2.85 -1.39	37.37 2.66 -2.33	36.73 2.60 -1.66	37.89 2.90 0.00	41.08 3.04 0.00	46.54 3.49 0.00	55.96 3.76 0.00	66.62 4.36 0.00	59.75 3.81 0.00	52.42 3.48 0.00	47.03 2.79 0.00	43.25 2.79 0.00	41.17 2.55 0.00	38.85 2.51 -0.01
NYPA____ASTORIA_CC1 323568	34.71 1.99 -3.40	33.67 1.73 -4.93	32.99 1.58 -4.59	31.87 1.51 -3.32	32.45 1.63 -2.17	34.93 2.16 0.00	46.22 2.94 0.00	54.78 3.49 0.00	47.78 3.33 0.00	39.63 2.87 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.01 2.97 0.00	46.46 3.40 0.00	55.85 3.65 0.00	66.50 4.24 0.00	59.63 3.69 0.00	52.32 3.37 0.00	46.99 2.74 0.00	43.17 2.71 0.00	41.13 2.51 0.00	38.85 2.51 -0.01
NYPA____ASTORIA_CC2 323569	34.71 1.99 -3.40	33.67 1.73 -4.93	32.99 1.58 -4.59	31.87 1.51 -3.32	32.45 1.63 -2.17	34.93 2.16 0.00	46.22 2.94 0.00	54.78 3.49 0.00	47.78 3.33 0.00	39.63 2.87 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.01 2.97 0.00	46.46 3.40 0.00	55.85 3.65 0.00	66.50 4.24 0.00	59.63 3.69 0.00	52.32 3.37 0.00	46.99 2.74 0.00	43.17 2.71 0.00	41.13 2.51 0.00	38.85 2.51 -0.01
NYPA____HOLTSVILL 23794	34.64 1.93 -3.39	33.63 1.70 -4.92	32.79 1.39 -4.58	31.60 1.24 -3.32	32.27 1.46 -2.17	35.22 2.46 0.00	47.01 3.72 -0.01	55.18 3.90 0.00	48.31 3.86 0.00	40.15 3.38 -0.01	38.93 3.13 -1.39	37.69 2.98 -2.33	37.09 2.95 -1.67	38.18 3.18 -0.01	45.05 3.46 -3.55	48.90 3.88 -1.96	56.73 4.12 -0.41	66.88 4.61 -0.01	60.49 4.14 -0.41	58.56 3.92 -5.70	55.73 3.54 -7.95	47.61 3.24 -3.91	41.60 2.97 -0.01	38.77 2.43 0.00
NYPA____HELLGATE_GT1 24158	34.53 1.82 -3.40	33.52 1.59 -4.91	32.84 1.45 -4.57	31.72 1.38 -3.31	32.29 1.49 -2.16	34.69 1.93 0.01	45.82 2.55 0.01	54.41 3.13 0.01	47.55 3.11 0.01	39.44 2.68 0.01	38.48 2.69 -1.39	37.20 2.49 -2.32	36.59 2.47 -1.66	37.74 2.76 0.01	40.85 2.81 0.01	46.24 3.19 0.01	55.53 3.34 0.01	66.12 3.86 0.01	59.29 3.36 0.01	52.07 3.14 0.01	46.71 2.48 0.01	42.88 2.43 0.01	40.78 2.16 0.00	38.78 2.43 -0.01
NYPA____HELLGATE_GT2 24159	34.53 1.82 -3.40	33.52 1.59 -4.91	32.84 1.45 -4.57	31.72 1.38 -3.31	32.29 1.49 -2.16	34.69 1.93 0.01	45.82 2.55 0.01	54.41 3.13 0.01	47.55 3.11 0.01	39.44 2.68 0.01	38.48 2.69 -1.39	37.20 2.49 -2.32	36.59 2.47 -1.66	37.74 2.76 0.01	40.85 2.81 0.01	46.24 3.19 0.01	55.53 3.34 0.01	66.12 3.86 0.01	59.29 3.36 0.01	52.07 3.14 0.01	46.71 2.48 0.01	42.88 2.43 0.01	40.78 2.16 0.00	38.78 2.43 -0.01
NYS_BARGE__HYD 23848	27.71 -2.05 -0.45	25.64 -2.03 -0.65	25.47 -1.96 -0.61	25.55 -1.92 -0.44	26.87 -2.06 -0.29	30.44 -2.33 0.00	40.63 -2.64 0.00	47.14 -4.15 0.00	41.11 -3.33 0.00	34.63 -2.13 0.00	32.17 -2.24 0.00	30.21 -2.20 -0.03	30.26 -2.24 -0.04	32.61 -2.38 0.00	35.57 -2.47 0.00	39.70 -3.36 -0.97	48.23 -3.97 -5.23	57.03 -5.23 -4.14	51.80 -4.14 -3.52	45.42 -3.52 -3.01	41.23 -3.01 -3.32	37.14 -3.32 -2.78	35.84 -2.78 0.00	34.23 -2.11 0.00

OAK ORCHARD___HYD 24046	28.73 -0.97 -0.38	26.58 -0.97 -0.55	26.42 -0.91 -0.51	26.48 -0.92 -0.37	27.88 -1.00 -0.24	31.29 -1.47 0.00	41.63 -1.64 0.00	48.88 -2.41 0.00	42.44 -2.00 0.00	35.44 -1.32 0.00	32.99 -1.41 0.00	31.08 -1.33 -0.02	31.39 -1.10 -0.03	33.52 -1.47 0.00	36.48 -1.56 0.00	41.03 -2.02 0.00	49.85 -2.35 0.00	59.40 -2.86 0.00	53.76 -2.18 0.00	47.08 -1.86 0.00	42.61 -1.64 0.00	38.56 -1.90 0.00	36.92 -1.70 0.00	34.92 -1.42 0.00
OAKDALE___35_KV_LOAD 356122	30.32 -0.03 -1.03	28.48 -0.03 -1.50	28.16 -0.05 -1.39	28.01 -0.03 -1.01	29.28 -0.03 -0.66	32.96 0.20 0.00	43.71 0.43 0.00	51.80 0.51 0.00	44.89 0.44 0.00	37.24 0.48 0.00	34.48 0.28 0.20	32.37 0.23 0.24	32.42 0.06 0.11	35.23 0.24 0.00	38.31 0.27 0.00	43.27 0.22 0.00	52.56 0.37 0.00	62.89 0.62 0.00	56.56 0.62 0.00	49.43 0.49 0.00	44.68 0.44 0.00	40.66 0.20 0.00	38.78 0.15 0.00	36.56 0.22 0.00
OCC_CHEM___DRP 24175	27.49 -2.29 -0.46	25.41 -2.27 -0.67	25.19 -2.25 -0.63	25.30 -2.19 -0.45	26.65 -2.29 -0.30	30.18 -2.59 0.00	39.86 -3.42 0.00	46.26 -5.03 0.00	40.31 -4.13 0.00	34.04 -2.72 0.00	31.72 -2.68 0.00	29.76 -2.66 -0.03	29.90 -2.60 -0.04	32.08 -2.90 0.00	34.92 -3.12 0.00	38.97 -4.09 0.00	47.19 -5.01 0.00	56.10 -6.16 0.00	50.91 -5.03 0.00	44.69 -4.26 0.00	40.57 -3.67 0.00	36.29 -4.17 0.00	35.11 -3.51 0.00	33.90 -2.43 0.00
OH_GEN_PROXY 24063	27.61 -2.17 -0.46	25.54 -2.13 -0.67	25.33 -2.12 -0.62	25.43 -2.06 -0.45	26.71 -2.23 -0.30	30.18 -2.59 0.00	40.16 -3.12 0.00	46.52 -4.77 0.00	40.58 -3.87 0.00	34.30 -2.46 0.00	31.82 -2.58 0.00	29.92 -2.49 -0.03	30.00 -2.50 -0.04	32.22 -2.76 0.00	35.07 -2.97 0.00	39.18 -3.88 0.00	47.50 -4.70 0.00	56.54 -5.73 0.00	51.30 -4.64 0.00	44.98 -3.96 0.00	40.84 -3.41 0.00	36.86 -3.60 0.00	35.57 -3.05 0.00	33.98 -2.36 0.00
OLIN_CORP_DRP 24177	27.18 -2.61 -0.47	25.12 -2.57 -0.68	24.91 -2.55 -0.63	25.00 -2.49 -0.46	26.37 -2.58 -0.30	29.91 -2.85 0.00	39.55 -3.72 0.00	45.90 -5.39 0.00	40.00 -4.44 0.00	33.75 -3.01 0.00	31.45 -2.96 0.00	29.50 -2.91 -0.03	29.58 -2.92 -0.04	31.80 -3.18 0.00	34.62 -3.42 0.00	38.67 -4.39 0.00	46.82 -5.38 0.00	55.85 -6.41 0.00	50.68 -5.26 0.00	44.49 -4.45 0.00	40.35 -3.89 0.00	36.09 -4.37 0.00	34.91 -3.71 0.00	33.69 -2.65 0.00
OLIN_CORP_DSASP 323712	27.55 -2.23 -0.46	25.52 -2.16 -0.67	25.30 -2.15 -0.63	25.40 -2.08 -0.45	26.68 -2.26 -0.30	30.05 -2.72 0.00	39.98 -3.29 0.00	46.16 -5.13 0.00	40.31 -4.13 0.00	34.08 -2.68 0.00	31.69 -2.72 0.00	29.79 -2.62 -0.03	29.93 -2.57 -0.04	32.05 -2.94 0.00	34.92 -3.12 0.00	38.97 -4.09 0.00	47.24 -4.96 0.00	56.10 -6.17 0.00	50.96 -4.98 0.00	44.69 -4.26 0.00	40.62 -3.63 0.00	36.61 -3.84 0.00	35.42 -3.21 0.00	33.90 -2.43 0.00
ONEIDA_HERK_LFGE 323681	27.79 0.00 1.53	25.38 0.03 1.66	25.20 0.05 1.67	25.42 0.08 1.70	26.93 0.06 1.78	31.96 0.13 0.94	43.66 0.39 0.00	52.06 0.77 0.00	44.93 0.49 0.00	36.91 0.15 0.00	34.51 0.10 0.00	31.37 0.00 1.01	32.29 0.03 0.20	35.09 0.11 0.00	38.27 0.23 0.00	43.44 0.39 0.00	53.14 0.94 0.00	63.44 1.18 0.00	57.12 1.18 0.00	49.83 0.88 0.00	45.13 0.88 0.00	41.10 0.65 0.00	39.12 0.50 0.00	36.81 0.47 0.00
ONEIDA___115KV_TB4 55905	29.42 0.53 0.43	27.11 0.51 0.41	26.93 0.54 0.43	27.11 0.57 0.49	28.65 0.57 0.57	33.17 0.75 0.35	44.49 1.21 0.00	52.93 1.64 0.00	45.87 1.42 0.00	37.72 0.96 0.00	35.23 0.83 0.00	32.71 0.71 0.39	33.11 0.71 0.07	35.86 0.87 0.00	39.07 1.03 0.00	44.31 1.25 0.00	53.76 1.57 0.00	64.19 1.93 0.00	57.73 1.79 0.00	50.36 1.42 0.00	45.53 1.28 0.00	41.47 1.01 0.00	39.43 0.81 0.00	37.14 0.80 0.00
ONONDAGA_REF_OCCRA 23987	29.16 -0.21 -0.06	27.03 -0.16 -0.18	26.78 -0.19 -0.14	26.86 -0.19 -0.02	28.34 -0.20 0.11	32.40 -0.20 0.17	42.97 -0.30 0.00	50.93 -0.36 0.00	44.09 -0.36 0.00	36.51 -0.26 0.00	34.06 -0.34 0.00	31.91 -0.32 0.15	32.13 -0.32 0.01	34.67 -0.31 0.00	37.66 -0.38 0.00	42.58 -0.47 0.00	51.73 -0.47 0.00	61.83 -0.44 0.00	55.61 -0.34 0.00	48.55 -0.39 0.00	43.89 -0.35 0.00	39.97 -0.49 0.00	38.08 -0.54 0.00	35.87 -0.47 0.00
ONONDAGA___COGEN 23986	29.20 -0.15 -0.04	27.05 -0.11 -0.15	26.83 -0.11 -0.12	26.90 -0.14 0.00	28.38 -0.14 0.12	32.44 -0.16 0.16	42.97 -0.30 0.00	50.93 -0.36 0.00	44.13 -0.31 0.00	36.54 -0.22 0.00	34.10 -0.31 0.00	31.94 -0.29 0.15	32.16 -0.29 0.01	34.71 -0.28 0.00	37.70 -0.34 0.00	42.63 -0.43 0.00	51.73 -0.47 0.00	61.83 -0.44 0.00	55.61 -0.34 0.00	48.55 -0.39 0.00	43.84 -0.40 0.00	39.93 -0.53 0.00	38.08 -0.54 0.00	35.87 -0.47 0.00
ONTARIO___LFGE 23819	29.18 -0.59 -0.45	27.13 -0.54 -0.66	26.87 -0.56 -0.61	26.94 -0.54 -0.44	28.36 -0.57 -0.29	32.37 -0.39 0.00	43.23 -0.04 0.00	50.93 -0.36 0.00	44.31 -0.13 0.00	36.80 0.04 0.00	34.13 -0.28 0.00	32.06 -0.36 -0.03	32.01 -0.49 -0.04	34.71 -0.28 0.00	37.78 -0.26 0.00	42.58 -0.47 0.00	51.62 -0.57 0.00	61.95 -0.31 0.00	55.89 -0.06 0.00	48.80 -0.15 0.00	44.33 0.09 0.00	40.09 -0.36 0.00	38.20 -0.42 0.00	36.05 -0.29 0.00
ORANGEVILLE_WT_PWR 323706	27.48 -2.40 -0.57	25.54 -2.30 -0.82	25.31 -2.28 -0.77	25.37 -2.22 -0.56	26.69 -2.32 -0.36	30.67 -2.10 0.00	41.07 -2.21 0.00	48.00 -3.28 0.00	41.87 -2.58 0.00	35.18 -1.58 0.00	32.58 -1.82 0.00	30.58 -1.84 -0.03	30.37 -2.14 -0.05	33.17 -1.82 0.00	36.22 -1.83 0.00	40.56 -2.50 0.00	49.43 -2.77 0.00	59.09 -3.17 0.00	53.54 -2.40 0.00	46.94 -2.01 0.00	42.65 -1.59 0.00	38.44 -2.02 0.00	36.92 -1.70 0.00	35.17 -1.16 0.00
ORANGEVILLE___ESR 323794	27.48 -2.40 -0.57	25.54 -2.30 -0.82	25.31 -2.28 -0.77	25.37 -2.22 -0.56	26.69 -2.32 -0.36	30.67 -2.10 0.00	41.07 -2.21 0.00	48.00 -3.28 0.00	41.87 -2.58 0.00	35.18 -1.58 0.00	32.58 -1.82 0.00	30.58 -1.84 -0.03	30.37 -2.14 -0.05	33.17 -1.82 0.00	36.22 -1.83 0.00	40.56 -2.50 0.00	49.43 -2.77 0.00	59.09 -3.17 0.00	53.54 -2.40 0.00	46.94 -2.01 0.00	42.65 -1.59 0.00	38.44 -2.02 0.00	36.92 -1.70 0.00	35.17 -1.16 0.00
OSWEGATCHIE___HYD 24044	18.49 -1.82 9.00	15.37 -1.67 9.97	15.20 -1.64 9.98	15.45 -1.62 9.96	16.65 -1.75 10.25	25.44 -2.06 5.26	40.85 -2.42 0.00	48.83 -2.46 0.00	41.78 -2.67 0.00	34.11 -2.65 0.00	31.92 -2.48 0.00	24.38 -2.36 5.64	29.03 -2.27 1.16	32.53 -2.45 0.00	35.65 -2.40 0.00	40.77 -2.28 0.00	50.32 -1.88 0.00	60.21 -2.05 0.00	54.27 -1.68 0.00	47.18 -1.76 0.00	43.14 -1.10 0.00	38.88 -1.58 0.00	37.35 -1.27 0.00	35.39 -0.95 0.00
OSWEGO___5 23606	28.92 -0.62 -0.23	26.77 -0.57 -0.33	26.56 -0.56 -0.30	26.68 -0.57 -0.22	28.19 -0.60 -0.14	32.01 -0.75 0.00	42.15 -1.13 0.00	49.85 -1.44 0.00	43.20 -1.24 0.00	35.77 -0.99 0.00	33.41 -1.00 0.00	31.49 -0.91 -0.01	31.57 -0.91 -0.02	34.01 -0.98 0.00	36.98 -1.06 0.00	41.77 -1.29 0.00	50.68 -1.52 0.00	60.52 -1.74 0.00	54.43 -1.51 0.00	47.57 -1.37 0.00	43.00 -1.24 0.00	39.25 -1.21 0.00	37.46 -1.16 0.00	35.25 -1.09 0.00

OSWEGO___6 23613	28.92 -0.62 -0.23	26.77 -0.57 -0.33	26.56 -0.56 -0.30	26.68 -0.57 -0.22	28.19 -0.60 -0.14	32.01 -0.75 0.00	42.15 -1.13 0.00	49.85 -1.44 0.00	43.20 -1.24 0.00	35.77 -0.99 0.00	33.41 -1.00 0.00	31.49 -0.91 -0.01	31.57 -0.91 -0.02	34.01 -0.98 0.00	36.98 -1.06 0.00	41.77 -1.29 0.00	50.68 -1.52 0.00	60.52 -1.74 0.00	54.43 -1.51 0.00	47.57 -1.37 0.00	43.00 -1.24 0.00	39.25 -1.21 0.00	37.46 -1.16 0.00	35.25 -1.09 0.00
OUTOKUMPU-AB___DRP 24206	27.82 -1.96 -0.47	25.69 -2.00 -0.68	25.50 -1.96 -0.64	25.57 -1.92 -0.46	26.97 -1.98 -0.30	30.83 -1.93 0.00	40.89 -2.38 0.00	47.54 -3.74 0.00	41.47 -2.98 0.00	34.96 -1.80 0.00	32.55 -1.86 0.00	30.47 -1.94 -0.03	30.46 -2.05 -0.04	32.92 -2.06 0.00	35.91 -2.13 0.00	40.09 -2.97 0.00	48.65 -3.55 0.00	57.84 -4.42 0.00	52.42 -3.52 0.00	46.06 -2.89 0.00	41.76 -2.48 0.00	37.26 -3.20 0.00	35.99 -2.63 0.00	34.67 -1.67 0.00
OXBOW___BTM 323836	27.76 -2.02 -0.47	25.69 -2.00 -0.68	25.50 -1.96 -0.63	25.60 -1.89 -0.46	26.88 -2.06 -0.30	30.44 -2.33 0.00	40.55 -2.72 0.00	46.93 -4.36 0.00	40.98 -3.47 0.00	34.59 -2.17 0.00	32.17 -2.24 0.00	30.21 -2.20 -0.03	30.26 -2.24 -0.04	32.57 -2.41 0.00	35.53 -2.51 0.00	39.61 -3.45 0.00	48.07 -4.12 0.00	57.16 -5.10 0.00	51.80 -4.14 0.00	45.47 -3.47 0.00	41.32 -2.92 0.00	37.18 -3.28 0.00	35.92 -2.70 0.00	34.34 -2.00 0.00
OXBOW____ 24026	27.70 -2.08 -0.47	25.58 -2.11 -0.68	25.39 -2.07 -0.63	25.46 -2.03 -0.46	26.85 -2.09 -0.30	30.57 -2.20 0.00	40.46 -2.81 0.00	46.98 -4.31 0.00	40.98 -3.47 0.00	34.56 -2.21 0.00	32.20 -2.20 0.00	30.18 -2.23 -0.03	30.26 -2.24 -0.04	32.57 -2.41 0.00	35.49 -2.55 0.00	39.61 -3.44 0.00	48.02 -4.18 0.00	57.16 -5.11 0.00	51.80 -4.14 0.00	45.47 -3.48 0.00	41.23 -3.01 0.00	36.86 -3.60 0.00	35.61 -3.01 0.00	34.34 -2.00 0.00
OXY_CHEM_DSASP 323612	27.49 -2.29 -0.46	25.41 -2.27 -0.67	25.19 -2.25 -0.63	25.30 -2.19 -0.45	26.65 -2.29 -0.30	30.18 -2.59 0.00	39.86 -3.42 0.00	46.26 -5.03 0.00	40.31 -4.13 0.00	34.04 -2.72 0.00	31.72 -2.68 0.00	29.76 -2.66 -0.03	29.90 -2.60 -0.04	32.08 -2.90 0.00	34.92 -3.12 0.00	38.97 -4.09 0.00	47.19 -5.01 0.00	56.10 -6.16 0.00	50.91 -5.03 0.00	44.69 -4.26 0.00	40.57 -3.67 0.00	36.29 -4.17 0.00	35.11 -3.51 0.00	33.90 -2.43 0.00
OZONE_PARK_ESR 323760	34.82 2.11 -3.39	33.71 1.78 -4.92	33.06 1.66 -4.58	31.95 1.59 -3.32	32.50 1.69 -2.17	35.03 2.26 0.00	46.69 3.42 0.00	55.44 4.15 0.00	48.31 3.87 0.00	40.00 3.24 0.00	38.90 3.10 -1.39	37.60 2.88 -2.33	36.95 2.82 -1.67	38.14 3.15 0.00	41.39 3.35 0.00	46.89 3.83 0.00	56.48 4.28 0.00	67.18 4.92 0.00	60.25 4.31 0.00	52.91 3.96 0.00	47.47 3.23 0.00	43.69 3.24 0.00	41.52 2.90 0.00	38.85 2.51 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	27.49 -2.29 -0.46	25.41 -2.27 -0.67	25.19 -2.25 -0.63	25.30 -2.19 -0.45	26.65 -2.29 -0.30	30.18 -2.59 0.00	39.86 -3.42 0.00	46.26 -5.03 0.00	40.31 -4.13 0.00	34.04 -2.72 0.00	31.72 -2.68 0.00	29.76 -2.66 -0.03	29.90 -2.60 -0.04	32.08 -2.90 0.00	34.92 -3.12 0.00	38.97 -4.09 0.00	47.19 -5.01 0.00	56.10 -6.16 0.00	50.91 -5.03 0.00	44.69 -4.26 0.00	40.57 -3.67 0.00	36.29 -4.17 0.00	35.11 -3.51 0.00	33.90 -2.43 0.00
PACKARD__115KV_DUPONT_184 80571	27.49 -2.29 -0.46	25.41 -2.27 -0.67	25.19 -2.25 -0.63	25.30 -2.19 -0.45	26.65 -2.29 -0.30	30.18 -2.59 0.00	39.86 -3.42 0.00	46.26 -5.03 0.00	40.31 -4.13 0.00	34.04 -2.72 0.00	31.72 -2.68 0.00	29.76 -2.66 -0.03	29.90 -2.60 -0.04	32.08 -2.90 0.00	34.92 -3.12 0.00	38.97 -4.09 0.00	47.19 -5.01 0.00	56.10 -6.16 0.00	50.91 -5.03 0.00	44.69 -4.26 0.00	40.57 -3.67 0.00	36.29 -4.17 0.00	35.11 -3.51 0.00	33.90 -2.43 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.74 2.02 -3.40	33.67 1.73 -4.93	33.02 1.61 -4.59	31.92 1.57 -3.32	32.47 1.66 -2.17	34.76 2.00 0.00	46.04 2.77 0.00	54.52 3.23 0.00	47.60 3.16 0.00	39.45 2.68 0.00	38.45 2.65 -1.39	37.18 2.46 -2.33	36.53 2.40 -1.66	37.68 2.69 0.00	40.86 2.81 0.00	46.29 3.23 0.00	55.64 3.45 0.00	66.25 3.98 0.00	59.41 3.47 0.00	52.13 3.18 0.00	46.76 2.52 0.00	43.25 2.79 0.00	41.29 2.66 0.00	38.78 2.43 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.91 2.20 -3.40	33.83 1.89 -4.93	33.18 1.77 -4.59	32.06 1.70 -3.32	32.65 1.83 -2.17	34.96 2.20 0.00	46.30 3.03 0.00	54.83 3.54 0.00	47.82 3.38 0.00	39.63 2.87 0.00	38.59 2.79 -1.39	37.31 2.59 -2.33	36.66 2.53 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.46 3.40 0.00	55.85 3.65 0.00	66.50 4.23 0.00	59.63 3.69 0.00	52.37 3.43 0.00	46.99 2.74 0.00	43.41 2.95 0.00	41.48 2.86 0.00	39.00 2.65 -0.01
PATROON__115KV_TB1 80586	33.97 0.62 -4.04	33.44 0.57 -5.87	32.87 0.59 -5.46	31.61 0.62 -3.96	31.89 0.66 -2.58	33.55 0.79 0.00	44.31 1.04 0.00	52.52 1.23 0.00	45.51 1.07 0.00	37.65 0.88 0.00	36.14 1.27 -0.47	34.53 1.20 -0.95	34.43 1.17 -0.80	36.25 1.26 0.00	39.37 1.33 0.00	44.22 1.16 0.00	53.40 1.20 0.00	63.63 1.37 0.00	57.06 1.12 0.00	49.92 0.98 0.00	45.17 0.93 0.00	41.63 1.17 0.00	39.93 1.31 0.00	37.50 1.16 0.00
PATTRSNVILLE__SOLAR 323815	34.69 1.14 -4.24	34.19 1.03 -6.15	33.56 1.02 -5.72	32.18 1.00 -4.15	32.42 1.06 -2.71	34.08 1.31 0.00	45.18 1.90 0.00	53.60 2.31 0.00	46.27 1.82 0.00	38.05 1.29 0.00	35.86 1.07 -0.39	34.20 0.97 -0.84	34.15 0.94 -0.74	36.11 1.12 0.00	39.37 1.33 0.00	44.82 1.77 0.00	54.39 2.19 0.00	64.94 2.68 0.00	58.35 2.40 0.00	51.05 2.10 0.00	46.10 1.86 0.00	42.20 1.74 0.00	40.21 1.58 0.00	37.75 1.42 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	27.16 -2.67 -0.51	25.10 -2.65 -0.74	24.88 -2.63 -0.69	24.96 -2.57 -0.50	26.34 -2.64 -0.33	31.39 -1.38 0.00	41.76 -1.51 0.00	48.67 -2.62 0.00	42.44 -2.00 0.00	35.77 -0.99 0.00	33.17 -1.24 0.00	31.02 -1.39 -0.03	29.97 -2.53 -0.04	33.55 -1.43 0.00	36.59 -1.45 0.00	40.86 -2.20 0.00	49.69 -2.51 0.00	59.52 -2.74 0.00	53.82 -2.13 0.00	47.18 -1.76 0.00	42.83 -1.42 0.00	38.23 -2.23 0.00	36.77 -1.85 0.00	35.36 -0.98 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	34.54 1.82 -3.40	33.54 1.59 -4.94	32.92 1.50 -4.60	31.83 1.46 -3.34	32.40 1.58 -2.18	34.76 2.00 0.00	46.39 3.12 0.00	55.03 3.74 0.00	47.91 3.47 0.00	39.45 2.68 0.00	38.12 2.44 -1.28	36.77 2.23 -2.15	36.22 2.21 -1.55	37.47 2.48 0.00	40.78 2.74 0.00	46.33 3.27 0.00	55.75 3.55 0.00	66.50 4.23 0.00	59.69 3.75 0.00	52.27 3.33 0.00	47.12 2.88 0.00	43.25 2.79 0.00	41.09 2.47 0.00	38.52 2.18 0.00
PEEKSKILL____ 23653	34.11 1.47 -3.33	33.13 1.30 -4.83	32.49 1.18 -4.49	31.42 1.14 -3.26	32.03 1.26 -2.13	34.47 1.70 0.00	45.92 2.64 0.00	54.57 3.29 0.00	47.47 3.02 0.00	39.26 2.50 0.00	38.32 2.31 -1.61	37.18 2.14 -2.66	36.45 2.11 -1.88	37.33 2.34 0.00	40.55 2.51 0.00	45.94 2.89 0.00	55.33 3.13 0.00	65.94 3.67 0.00	59.13 3.19 0.00	51.83 2.89 0.00	46.67 2.43 0.00	42.72 2.26 0.00	40.74 2.12 0.00	38.26 1.92 0.00

PGE MADISON___WINDPWR 24146	32.00 1.70 -0.98	30.08 1.65 -1.43	29.79 1.64 -1.33	29.70 1.70 -0.96	31.02 1.75 -0.63	35.06 2.29 0.00	47.08 3.81 0.00	56.52 5.23 0.00	48.49 4.04 0.00	39.67 2.90 0.00	36.59 2.37 0.19	34.17 2.01 0.23	34.34 1.98 0.10	37.51 2.52 0.00	41.04 3.00 0.00	46.76 3.70 0.00	57.42 5.22 0.00	68.93 6.67 0.00	62.04 6.10 0.00	53.99 5.04 0.00	48.71 4.47 0.00	44.18 3.72 0.00	41.67 3.05 0.00	39.25 2.91 0.00
PIERCEFIELD___HYD 23852	13.46 -2.43 13.42	9.88 -2.24 14.88	9.70 -2.23 14.90	9.95 -2.24 14.83	11.00 -2.41 15.23	22.05 -2.92 7.80	39.86 -3.42 0.00	47.54 -3.74 0.00	40.53 -3.91 0.00	33.04 -3.71 0.01	31.03 -3.37 0.01	20.88 -3.14 8.36	27.72 -3.02 1.72	31.69 -3.29 0.01	34.85 -3.20 0.00	40.04 -3.01 0.00	49.27 -2.92 0.00	58.90 -3.36 0.00	53.09 -2.85 0.00	46.06 -2.89 0.00	42.38 -1.86 0.00	37.95 -2.51 0.00	36.81 -1.82 0.00	35.10 -1.24 0.00
PINELAWN_CC_1 323563	34.73 2.02 -3.39	33.69 1.75 -4.92	32.87 1.47 -4.58	31.68 1.32 -3.32	32.33 1.52 -2.17	35.25 2.49 0.00	47.05 3.76 -0.01	55.39 4.10 0.00	48.40 3.95 0.00	40.19 3.42 -0.01	38.96 3.16 -1.39	37.69 2.98 -2.33	37.06 2.92 -1.67	38.21 3.22 -0.01	45.42 3.46 -3.92	49.14 3.92 -2.17	56.98 4.33 -0.46	67.13 4.86 -0.01	60.76 4.37 -0.45	59.29 4.06 -6.29	56.56 3.54 -8.78	48.13 3.36 -4.32	41.72 3.09 -0.01	38.88 2.54 0.00
PJM_GEN_HTP_PROXY 323702	34.49 1.79 -3.39	33.44 1.51 -4.92	32.79 1.39 -4.58	31.68 1.32 -3.32	32.27 1.46 -2.17	34.76 2.00 0.00	46.30 3.03 0.00	55.03 3.74 0.00	47.91 3.47 0.00	39.67 2.90 0.00	38.59 2.79 -1.40	37.31 2.59 -2.33	36.66 2.53 -1.67	37.82 2.83 0.00	41.01 2.97 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.62 4.36 0.00	59.75 3.81 0.00	52.42 3.48 0.00	47.08 2.83 0.00	43.21 2.75 0.00	41.06 2.43 0.00	38.56 2.22 0.00
PJM_GEN_KEystone 24065	31.00 -0.35 -2.04	29.56 -0.40 -2.96	29.06 -0.51 -2.75	28.54 -0.49 -1.99	29.46 -0.49 -1.30	32.70 -0.07 0.00	43.58 0.31 0.00	51.44 0.15 0.00	44.76 0.31 0.00	37.35 0.59 0.00	35.69 0.34 -0.94	34.14 0.20 -1.56	33.53 -0.03 -1.10	35.23 0.25 0.00	38.27 0.23 0.00	43.10 0.04 0.00	52.15 -0.05 0.00	62.33 0.06 0.00	56.00 0.06 0.00	49.09 0.15 0.00	44.38 0.13 0.00	40.38 -0.08 0.00	38.54 -0.08 0.00	36.41 0.07 0.00
PJM_GEN_NEPTUNE_PROXY 323594	34.43 1.73 -3.39	33.42 1.48 -4.92	32.63 1.23 -4.58	31.46 1.11 -3.32	32.07 1.26 -2.17	34.86 2.10 0.00	46.49 3.20 -0.01	54.78 3.49 0.00	47.91 3.47 0.00	39.75 2.98 -0.01	38.62 2.82 -1.39	37.37 2.66 -2.33	36.73 2.60 -1.67	37.80 2.80 -0.01	44.35 3.00 -3.30	48.29 3.40 -1.83	56.23 3.65 -0.38	66.32 4.04 -0.01	59.91 3.58 -0.38	57.62 3.37 -5.31	54.57 2.92 -7.40	46.93 2.83 -3.64	41.26 2.63 -0.01	38.52 2.18 0.00
PJM_GEN_VFT_PROXY 323633	34.40 1.70 -3.39	33.36 1.43 -4.92	32.69 1.29 -4.58	31.57 1.22 -3.32	32.13 1.32 -2.17	34.67 1.90 0.00	46.22 2.94 0.00	54.93 3.64 0.00	47.87 3.42 0.00	39.67 2.90 0.00	38.58 2.79 -1.39	37.31 2.59 -2.33	36.66 2.53 -1.67	37.82 2.83 0.00	41.01 2.97 0.00	46.46 3.40 0.00	55.90 3.71 0.00	66.50 4.24 0.00	59.63 3.69 0.00	52.37 3.42 0.00	47.03 2.79 0.00	43.17 2.71 0.00	40.98 2.36 0.00	38.48 2.14 0.00
PLATSBURG_115KV_PMLD1 355749	9.57 -2.90 16.84	5.57 -2.73 18.71	5.37 -2.74 18.72	5.64 -2.78 18.61	6.53 -3.04 19.08	19.30 -3.74 9.73	38.77 -4.50 0.00	46.11 -5.18 0.00	39.42 -5.02 0.00	32.20 -4.56 0.01	30.20 -4.20 0.01	18.06 -3.89 10.44	26.61 -3.70 2.15	30.99 -3.99 0.01	34.20 -3.84 0.00	39.53 -3.53 0.00	48.70 -3.50 0.00	58.22 -4.05 0.00	52.42 -3.52 0.00	45.52 -3.43 0.00	41.99 -2.26 0.00	37.59 -2.87 0.00	36.69 -1.93 0.00	35.14 -1.20 0.00
PLEASANTVLY___LBMP 24000	34.27 1.47 -3.49	33.35 1.27 -5.07	32.74 1.21 -4.71	31.64 1.19 -3.42	32.14 1.26 -2.23	34.37 1.61 0.00	45.70 2.42 0.00	54.21 2.92 0.00	47.11 2.67 0.00	38.97 2.21 0.00	37.57 2.10 -1.07	36.20 1.98 -1.84	35.76 1.95 -1.35	37.12 2.13 0.00	40.28 2.24 0.00	45.68 2.63 0.00	55.07 2.87 0.00	65.50 3.24 0.00	58.74 2.80 0.00	51.49 2.55 0.00	46.41 2.17 0.00	42.68 2.23 0.00	40.63 2.01 0.00	38.05 1.71 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.45 1.73 -3.40	33.44 1.49 -4.94	32.79 1.37 -4.60	31.72 1.35 -3.34	32.26 1.43 -2.18	34.63 1.87 0.00	46.09 2.81 0.00	54.72 3.44 0.00	47.64 3.20 0.00	39.37 2.61 0.00	38.19 2.48 -1.31	36.92 2.33 -2.20	36.32 2.27 -1.58	37.51 2.52 0.00	40.74 2.70 0.00	46.20 3.14 0.00	55.64 3.45 0.00	66.25 3.98 0.00	59.41 3.47 0.00	52.13 3.18 0.00	46.90 2.65 0.00	43.09 2.63 0.00	40.98 2.36 0.00	38.34 2.00 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.45 1.73 -3.40	33.44 1.49 -4.94	32.79 1.37 -4.60	31.72 1.35 -3.34	32.26 1.43 -2.18	34.63 1.87 0.00	46.09 2.81 0.00	54.72 3.44 0.00	47.64 3.20 0.00	39.37 2.61 0.00	38.19 2.48 -1.31	36.92 2.33 -2.20	36.32 2.27 -1.58	37.51 2.52 0.00	40.74 2.70 0.00	46.20 3.14 0.00	55.64 3.45 0.00	66.25 3.98 0.00	59.41 3.47 0.00	52.13 3.18 0.00	46.90 2.65 0.00	43.09 2.63 0.00	40.98 2.36 0.00	38.34 2.00 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.36 1.61 -3.43	33.40 1.40 -4.98	32.80 1.34 -4.64	31.69 1.30 -3.36	32.27 1.43 -2.20	34.57 1.80 0.00	46.00 2.73 0.00	54.52 3.23 0.00	47.38 2.93 0.00	39.04 2.28 0.00	37.73 2.13 -1.19	36.38 1.98 -2.02	35.88 1.95 -1.47	37.12 2.13 0.00	40.40 2.36 0.00	45.90 2.84 0.00	55.33 3.13 0.00	65.94 3.67 0.00	59.13 3.19 0.00	51.83 2.89 0.00	46.68 2.43 0.00	42.89 2.43 0.00	40.78 2.16 0.00	38.23 1.89 0.00
POLETTI___ 23519	34.64 1.93 -3.39	33.58 1.65 -4.92	32.90 1.50 -4.58	31.81 1.46 -3.32	32.36 1.55 -2.17	34.83 2.06 0.00	46.30 3.03 0.00	54.93 3.64 0.00	47.87 3.42 0.00	39.63 2.87 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.67	37.86 2.87 0.00	41.05 3.01 0.00	46.46 3.40 0.00	55.90 3.71 0.00	66.50 4.23 0.00	59.63 3.69 0.00	52.37 3.43 0.00	47.03 2.79 0.00	43.33 2.87 0.00	41.25 2.63 0.00	38.63 2.29 0.00
POMONA___ESR 323819	34.07 1.49 -3.26	33.04 1.30 -4.73	32.37 1.15 -4.40	31.36 1.14 -3.19	31.99 1.26 -2.08	34.47 1.70 0.00	45.92 2.64 0.00	54.57 3.29 0.00	47.47 3.02 0.00	39.26 2.50 0.00	38.63 2.27 -1.95	37.67 2.10 -3.18	36.75 2.08 -2.21	37.30 2.31 0.00	40.51 2.47 0.00	45.94 2.89 0.00	55.28 3.08 0.00	65.94 3.67 0.00	59.13 3.19 0.00	51.83 2.89 0.00	46.67 2.43 0.00	42.72 2.26 0.00	40.71 2.08 0.00	38.19 1.85 0.00
PORT_JEFF_3 23555	34.76 2.05 -3.39	33.74 1.81 -4.92	32.90 1.50 -4.58	31.70 1.35 -3.32	32.36 1.55 -2.17	35.35 2.59 0.00	47.18 3.90 -0.01	55.39 4.10 0.00	48.53 4.09 0.00	40.34 3.56 -0.01	39.07 3.27 -1.39	37.82 3.11 -2.33	37.22 3.09 -1.67	38.36 3.36 -0.01	45.25 3.65 -3.55	49.07 4.05 -1.97	57.05 4.43 -0.41	67.26 4.98 -0.01	60.83 4.48 -0.41	58.81 4.16 -5.71	55.97 3.76 -7.97	47.81 3.44 -3.92	41.80 3.17 -0.01	38.92 2.58 0.00

PORT_JEFF_4 23616	34.76 2.05 -3.39	33.74 1.81 -4.92	32.90 1.50 -4.58	31.70 1.35 -3.32	32.36 1.55 -2.17	35.35 2.59 0.00	47.18 3.90 -0.01	55.39 4.10 0.00	48.53 4.09 0.00	40.34 3.56 -0.01	39.07 3.27 -1.39	37.82 3.11 -2.33	37.22 3.09 -1.67	38.36 3.36 -0.01	45.25 3.65 -3.55	49.07 4.05 -1.97	57.05 4.43 -0.41	67.26 4.98 -0.01	60.83 4.48 -0.41	58.81 4.16 -5.71	55.97 3.76 -7.97	47.81 3.44 -3.92	41.80 3.17 -0.01	38.92 2.58 0.00
PORT_JEFF_IC 23713	35.05 2.35 -3.39	33.85 1.92 -4.92	33.01 1.61 -4.58	31.81 1.46 -3.32	32.56 1.75 -2.17	35.52 2.75 0.00	47.31 4.02 -0.01	55.34 4.05 0.00	48.49 4.04 0.00	40.37 3.60 -0.01	39.06 3.27 -1.39	37.89 3.17 -2.33	37.28 3.15 -1.67	38.43 3.43 -0.01	45.33 3.73 -3.56	49.16 4.13 -1.97	57.15 4.54 -0.42	67.32 5.04 -0.01	60.94 4.59 -0.41	58.93 4.26 -5.73	56.08 3.85 -7.99	47.99 3.60 -3.93	41.91 3.28 -0.01	38.88 2.54 0.00
PPL_PILGRIM_ST_GT1 24216	34.82 2.11 -3.39	33.77 1.84 -4.92	32.93 1.53 -4.58	31.73 1.38 -3.32	32.39 1.57 -2.17	35.39 2.62 0.00	47.22 3.94 -0.01	55.44 4.15 0.00	48.53 4.09 0.00	40.34 3.56 -0.01	39.10 3.30 -1.39	37.82 3.11 -2.33	37.22 3.09 -1.67	38.36 3.36 -0.01	45.30 3.65 -3.61	49.23 4.18 -2.00	57.21 4.59 -0.42	67.32 5.04 -0.01	60.95 4.59 -0.42	59.05 4.31 -5.80	56.14 3.81 -8.09	47.96 3.52 -3.98	41.83 3.20 -0.01	38.99 2.65 0.00
PPL_PILGRIM_ST_GT2 24217	34.82 2.11 -3.39	33.77 1.84 -4.92	32.93 1.53 -4.58	31.73 1.38 -3.32	32.39 1.57 -2.17	35.39 2.62 0.00	47.22 3.94 -0.01	55.44 4.15 0.00	48.53 4.09 0.00	40.34 3.56 -0.01	39.10 3.30 -1.39	37.82 3.11 -2.33	37.22 3.09 -1.67	38.36 3.36 -0.01	45.30 3.65 -3.61	49.23 4.18 -2.00	57.21 4.59 -0.42	67.32 5.04 -0.01	60.95 4.59 -0.42	59.05 4.31 -5.80	56.14 3.81 -8.09	47.96 3.52 -3.98	41.83 3.20 -0.01	38.99 2.65 0.00
PPL_SHRM_GT3 24213	34.64 1.93 -3.39	33.66 1.73 -4.92	32.79 1.39 -4.58	31.60 1.24 -3.32	32.27 1.46 -2.17	35.29 2.52 0.00	47.05 3.76 -0.01	55.24 3.95 0.00	48.58 4.13 0.00	40.38 3.60 -0.01	39.03 3.23 -1.39	37.82 3.11 -2.33	37.22 3.09 -1.67	38.36 3.36 -0.01	45.25 3.65 -3.56	48.73 3.70 -1.97	56.32 3.71 -0.41	66.51 4.24 -0.01	60.21 3.86 -0.41	58.28 3.62 -5.71	55.76 3.54 -7.97	47.45 3.07 -3.92	41.56 2.93 -0.01	38.70 2.36 0.00
PPL_SHRM_GT4 24214	34.64 1.93 -3.39	33.66 1.73 -4.92	32.79 1.39 -4.58	31.60 1.24 -3.32	32.27 1.46 -2.17	35.29 2.52 0.00	47.05 3.76 -0.01	55.24 3.95 0.00	48.58 4.13 0.00	40.38 3.60 -0.01	39.03 3.23 -1.39	37.82 3.11 -2.33	37.22 3.09 -1.67	38.36 3.36 -0.01	45.25 3.65 -3.56	48.73 3.70 -1.97	56.32 3.71 -0.41	66.51 4.24 -0.01	60.21 3.86 -0.41	58.28 3.62 -5.71	55.76 3.54 -7.97	47.45 3.07 -3.92	41.56 2.93 -0.01	38.70 2.36 0.00
PROJECT___ORANGE 1 24174	29.01 -0.26 0.04	26.82 -0.24 -0.05	26.60 -0.24 -0.02	26.71 -0.24 0.08	28.17 -0.29 0.18	32.28 -0.29 0.19	42.80 -0.48 0.00	50.72 -0.56 0.00	43.96 -0.49 0.00	36.39 -0.37 0.00	33.99 -0.41 0.00	31.81 -0.39 0.18	32.06 -0.39 0.02	34.57 -0.42 0.00	37.58 -0.46 0.00	42.45 -0.60 0.00	51.47 -0.73 0.00	61.52 -0.75 0.00	55.33 -0.62 0.00	48.31 -0.64 0.00	43.67 -0.58 0.00	39.77 -0.69 0.00	37.93 -0.70 0.00	35.68 -0.65 0.00
PROJECT___ORANGE 2 24166	29.01 -0.26 0.04	26.82 -0.24 -0.05	26.60 -0.24 -0.02	26.71 -0.24 0.08	28.17 -0.29 0.18	32.28 -0.29 0.19	42.80 -0.48 0.00	50.72 -0.56 0.00	43.96 -0.49 0.00	36.39 -0.37 0.00	33.99 -0.41 0.00	31.81 -0.39 0.18	32.06 -0.39 0.02	34.57 -0.42 0.00	37.58 -0.46 0.00	42.45 -0.60 0.00	51.47 -0.73 0.00	61.52 -0.75 0.00	55.33 -0.62 0.00	48.31 -0.64 0.00	43.67 -0.58 0.00	39.77 -0.69 0.00	37.93 -0.70 0.00	35.68 -0.65 0.00
PUCKETT___SOLAR 323809	30.82 0.44 -1.06	28.95 0.41 -1.54	28.66 0.40 -1.43	28.50 0.43 -1.04	29.78 0.46 -0.68	33.52 0.75 0.00	44.62 1.34 0.00	53.03 1.74 0.00	45.78 1.33 0.00	37.83 1.07 0.00	34.96 0.76 0.20	32.72 0.58 0.25	32.80 0.45 0.11	35.76 0.77 0.00	38.95 0.91 0.00	44.09 1.03 0.00	53.76 1.56 0.00	64.38 2.12 0.00	57.90 1.96 0.00	50.56 1.61 0.00	45.66 1.42 0.00	41.55 1.09 0.00	39.51 0.89 0.00	37.21 0.87 0.00
PYRITES___HYD 24023	13.39 -2.14 13.79	9.75 -1.97 15.29	9.59 -1.93 15.30	9.87 -1.92 15.24	10.94 -2.06 15.65	22.24 -2.52 8.01	40.51 -2.77 0.00	48.42 -2.87 0.00	41.16 -3.29 0.00	33.45 -3.31 0.01	31.37 -3.03 0.01	20.95 -2.85 8.58	27.97 -2.73 1.77	32.01 -2.97 0.01	35.23 -2.81 0.00	40.56 -2.50 0.00	49.95 -2.24 0.00	59.77 -2.49 0.00	53.93 -2.01 0.00	46.79 -2.15 0.00	43.05 -1.19 0.00	38.52 -1.94 0.00	37.31 -1.31 0.00	35.61 -0.73 0.00
QUAKERRD_115KV_BK1 80622	28.24 -1.44 -0.36	26.16 -1.38 -0.53	26.00 -1.31 -0.49	26.04 -1.35 -0.36	27.47 -1.40 -0.23	30.96 -1.80 0.00	40.98 -2.29 0.00	48.31 -2.97 0.00	41.91 -2.53 0.00	34.89 -1.87 0.00	32.51 -1.89 0.00	30.59 -1.81 -0.02	30.90 -1.59 -0.03	33.06 -1.92 0.00	35.95 -2.09 0.00	40.52 -2.54 0.00	49.17 -3.03 0.00	58.65 -3.61 0.00	53.03 -2.91 0.00	46.40 -2.55 0.00	41.94 -2.30 0.00	37.87 -2.59 0.00	36.23 -2.39 0.00	34.38 -1.96 0.00
QUEENSBRY_115KV_TB8 356137	35.47 2.02 -4.13	34.84 1.84 -6.00	34.17 1.77 -5.58	32.81 1.73 -4.05	33.12 1.83 -2.64	35.19 2.42 0.00	46.61 3.33 0.00	55.39 4.10 0.00	47.82 3.38 0.00	39.19 2.43 0.00	37.07 2.24 -0.43	35.33 2.04 -0.90	35.18 1.95 -0.77	37.12 2.13 0.00	40.55 2.51 0.00	46.11 3.06 0.00	55.96 3.76 0.00	66.87 4.61 0.00	60.19 4.25 0.00	52.52 3.57 0.00	47.43 3.19 0.00	43.33 2.87 0.00	41.21 2.59 0.00	38.74 2.40 0.00
RAMAPO___LBMP 323565	34.03 1.47 -3.25	32.99 1.27 -4.71	32.33 1.13 -4.39	31.35 1.14 -3.18	31.95 1.23 -2.08	34.40 1.64 0.00	45.78 2.51 0.00	54.37 3.08 0.00	47.29 2.84 0.00	39.12 2.35 0.00	38.48 2.17 -1.90	37.49 2.01 -3.10	36.60 1.98 -2.16	37.16 2.17 0.00	40.36 2.32 0.00	45.73 2.67 0.00	55.07 2.87 0.00	65.69 3.42 0.00	58.91 2.96 0.00	51.59 2.64 0.00	46.45 2.21 0.00	42.64 2.18 0.00	40.63 2.01 0.00	38.05 1.71 0.00
RANKINE____ 23646	27.56 -2.26 -0.50	25.49 -2.24 -0.73	25.27 -2.23 -0.68	25.36 -2.16 -0.49	26.76 -2.21 -0.32	31.00 -1.77 0.00	41.15 -2.12 0.00	47.95 -3.33 0.00	41.78 -2.67 0.00	35.22 -1.54 0.00	32.75 -1.65 0.00	30.67 -1.75 -0.03	30.33 -2.17 -0.04	33.13 -1.85 0.00	36.18 -1.86 0.00	40.39 -2.67 0.00	49.07 -3.13 0.00	58.59 -3.67 0.00	53.03 -2.91 0.00	46.55 -2.40 0.00	42.25 -1.99 0.00	37.75 -2.71 0.00	36.38 -2.24 0.00	34.99 -1.34 0.00
RAVENSWOOD_GT2_1 24244	34.61 1.91 -3.39	33.55 1.62 -4.92	32.90 1.50 -4.58	31.81 1.46 -3.32	32.36 1.55 -2.17	34.80 2.03 0.00	46.35 3.07 0.00	54.98 3.69 0.00	47.91 3.47 0.00	39.67 2.90 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.82 2.83 0.00	41.05 3.01 0.00	46.50 3.44 0.00	55.96 3.76 0.00	66.62 4.36 0.00	59.75 3.80 0.00	52.42 3.48 0.00	47.07 2.83 0.00	43.37 2.91 0.00	41.21 2.59 0.00	38.59 2.25 0.00

RAVENSWOOD_GT2_2 24245	34.61 1.91 -3.39	33.55 1.62 -4.92	32.90 1.50 -4.58	31.81 1.46 -3.32	32.36 1.55 -2.17	34.80 2.03 0.00	46.35 3.07 0.00	54.98 3.69 0.00	47.91 3.47 0.00	39.67 2.90 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.82 2.83 0.00	41.05 3.01 0.00	46.50 3.44 0.00	55.96 3.76 0.00	66.62 4.36 0.00	59.75 3.80 0.00	52.42 3.48 0.00	47.07 2.83 0.00	43.37 2.91 0.00	41.21 2.59 0.00	38.59 2.25 0.00
RAVENSWOOD_GT2_3 24246	34.64 1.93 -3.39	33.55 1.62 -4.92	32.90 1.50 -4.58	31.81 1.46 -3.32	32.36 1.55 -2.17	34.83 2.06 0.00	46.39 3.12 0.00	54.98 3.69 0.00	47.96 3.51 0.00	39.70 2.94 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.72 2.60 -1.66	37.86 2.87 0.00	41.08 3.04 0.00	46.54 3.49 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.80 3.86 0.00	52.47 3.52 0.00	47.12 2.88 0.00	43.41 2.95 0.00	41.25 2.63 0.00	38.59 2.25 0.00
RAVENSWOOD_GT2_4 24247	34.64 1.93 -3.39	33.55 1.62 -4.92	32.90 1.50 -4.58	31.81 1.46 -3.32	32.36 1.55 -2.17	34.83 2.06 0.00	46.39 3.12 0.00	54.98 3.69 0.00	47.96 3.51 0.00	39.70 2.94 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.72 2.60 -1.66	37.86 2.87 0.00	41.08 3.04 0.00	46.54 3.49 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.80 3.86 0.00	52.47 3.52 0.00	47.12 2.88 0.00	43.41 2.95 0.00	41.25 2.63 0.00	38.59 2.25 0.00
RAVENSWOOD_GT3_1 24248	34.64 1.93 -3.39	33.55 1.62 -4.92	32.90 1.50 -4.58	31.81 1.46 -3.32	32.36 1.55 -2.17	34.80 2.03 0.00	46.35 3.07 0.00	54.98 3.69 0.00	47.91 3.47 0.00	39.70 2.94 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.05 3.01 0.00	46.50 3.44 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.75 3.80 0.00	52.42 3.48 0.00	47.07 2.83 0.00	43.37 2.91 0.00	41.21 2.59 0.00	38.59 2.25 0.00
RAVENSWOOD_GT3_2 24249	34.64 1.93 -3.39	33.55 1.62 -4.92	32.90 1.50 -4.58	31.81 1.46 -3.32	32.36 1.55 -2.17	34.80 2.03 0.00	46.35 3.07 0.00	54.98 3.69 0.00	47.91 3.47 0.00	39.70 2.94 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.05 3.01 0.00	46.50 3.44 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.75 3.80 0.00	52.42 3.48 0.00	47.07 2.83 0.00	43.37 2.91 0.00	41.21 2.59 0.00	38.59 2.25 0.00
RAVENSWOOD_GT3_3 24250	34.67 1.96 -3.39	33.58 1.65 -4.92	32.93 1.53 -4.58	31.84 1.49 -3.32	32.39 1.58 -2.17	34.86 2.10 0.00	46.43 3.16 0.00	55.08 3.80 0.00	48.00 3.56 0.00	39.74 2.98 0.00	38.65 2.86 -1.39	37.40 2.69 -2.33	36.76 2.63 -1.66	37.89 2.90 0.00	41.12 3.08 0.00	46.59 3.53 0.00	56.06 3.86 0.00	66.75 4.48 0.00	59.86 3.92 0.00	52.52 3.57 0.00	47.16 2.92 0.00	43.45 2.99 0.00	41.29 2.66 0.00	38.63 2.29 0.00
RAVENSWOOD_GT3_4 24251	34.67 1.96 -3.39	33.58 1.65 -4.92	32.93 1.53 -4.58	31.84 1.49 -3.32	32.39 1.58 -2.17	34.86 2.10 0.00	46.43 3.16 0.00	55.08 3.80 0.00	48.00 3.56 0.00	39.74 2.98 0.00	38.65 2.86 -1.39	37.40 2.69 -2.33	36.76 2.63 -1.66	37.89 2.90 0.00	41.12 3.08 0.00	46.59 3.53 0.00	56.06 3.86 0.00	66.75 4.48 0.00	59.86 3.92 0.00	52.52 3.57 0.00	47.16 2.92 0.00	43.45 2.99 0.00	41.29 2.66 0.00	38.63 2.29 0.00
RAVENSWOOD_GT_1 23729	34.79 2.08 -3.40	33.72 1.78 -4.93	33.07 1.66 -4.59	31.95 1.59 -3.32	32.53 1.72 -2.17	34.90 2.13 0.00	46.35 3.07 0.00	54.88 3.59 0.00	47.91 3.47 0.00	39.70 2.94 0.00	38.65 2.86 -1.39	37.37 2.66 -2.33	36.72 2.60 -1.66	37.89 2.90 0.00	41.08 3.04 0.00	46.54 3.49 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.75 3.80 0.00	52.42 3.48 0.00	47.03 2.79 0.00	43.45 2.99 0.00	41.36 2.74 0.00	38.82 2.47 -0.01
RAVENSWOOD_GT_10 24258	34.61 1.91 -3.39	33.55 1.62 -4.92	32.90 1.50 -4.58	31.79 1.43 -3.32	32.36 1.55 -2.17	34.80 2.03 0.00	46.35 3.07 0.00	54.98 3.69 0.00	47.91 3.47 0.00	39.70 2.94 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.05 3.01 0.00	46.50 3.44 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.75 3.80 0.00	52.42 3.48 0.00	47.07 2.83 0.00	43.37 2.91 0.00	41.21 2.59 0.00	38.59 2.25 0.00
RAVENSWOOD_GT_11 24259	34.61 1.91 -3.39	33.55 1.62 -4.92	32.90 1.50 -4.58	31.79 1.43 -3.32	32.36 1.55 -2.17	34.80 2.03 0.00	46.35 3.07 0.00	54.98 3.69 0.00	47.91 3.47 0.00	39.70 2.94 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.05 3.01 0.00	46.50 3.44 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.75 3.80 0.00	52.42 3.48 0.00	47.07 2.83 0.00	43.37 2.91 0.00	41.21 2.59 0.00	38.59 2.25 0.00
RAVENSWOOD_GT_4 24252	34.60 1.91 -3.38	33.52 1.59 -4.92	32.87 1.48 -4.57	31.79 1.43 -3.32	32.33 1.52 -2.17	34.80 2.03 0.00	46.39 3.12 0.00	55.03 3.74 0.00	47.96 3.51 0.00	39.70 2.94 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.08 3.04 0.00	46.50 3.44 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.75 3.80 0.00	52.47 3.52 0.00	47.12 2.88 0.00	43.37 2.91 0.00	41.21 2.59 0.00	38.55 2.22 0.01
RAVENSWOOD_GT_5 24254	34.60 1.91 -3.38	33.52 1.59 -4.92	32.87 1.48 -4.57	31.79 1.43 -3.32	32.33 1.52 -2.17	34.80 2.03 0.00	46.39 3.12 0.00	55.03 3.74 0.00	47.96 3.51 0.00	39.70 2.94 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.08 3.04 0.00	46.50 3.44 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.75 3.80 0.00	52.47 3.52 0.00	47.12 2.88 0.00	43.37 2.91 0.00	41.21 2.59 0.00	38.55 2.22 0.01
RAVENSWOOD_GT_6 24253	34.60 1.91 -3.38	33.52 1.59 -4.92	32.87 1.48 -4.57	31.79 1.43 -3.32	32.33 1.52 -2.17	34.80 2.03 0.00	46.39 3.12 0.00	55.03 3.74 0.00	47.96 3.51 0.00	39.70 2.94 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.08 3.04 0.00	46.50 3.44 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.75 3.80 0.00	52.47 3.52 0.00	47.12 2.88 0.00	43.37 2.91 0.00	41.21 2.59 0.00	38.55 2.22 0.01
RAVENSWOOD_GT_7 24255	34.60 1.91 -3.38	33.52 1.59 -4.92	32.87 1.48 -4.57	31.79 1.43 -3.32	32.33 1.52 -2.17	34.80 2.03 0.00	46.39 3.12 0.00	55.03 3.74 0.00	47.96 3.51 0.00	39.70 2.94 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.08 3.04 0.00	46.50 3.44 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.75 3.80 0.00	52.47 3.52 0.00	47.12 2.88 0.00	43.37 2.91 0.00	41.21 2.59 0.00	38.55 2.22 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.61 1.91 -3.39	33.55 1.62 -4.92	32.90 1.50 -4.58	31.79 1.43 -3.32	32.36 1.55 -2.17	34.80 2.03 0.00	46.35 3.07 0.00	54.98 3.69 0.00	47.91 3.47 0.00	39.70 2.94 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.05 3.01 0.00	46.50 3.44 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.75 3.80 0.00	52.42 3.48 0.00	47.07 2.83 0.00	43.37 2.91 0.00	41.21 2.59 0.00	38.59 2.25 0.00

RAVENSWOOD_GT_9 24257	34.61 1.91 -3.39	33.55 1.62 -4.92	32.90 1.50 -4.58	31.79 1.43 -3.32	32.36 1.55 -2.17	34.80 2.03 0.00	46.35 3.07 0.00	54.98 3.69 0.00	47.91 3.47 0.00	39.70 2.94 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.05 3.01 0.00	46.50 3.44 0.00	56.01 3.81 0.00	66.62 4.36 0.00	59.75 3.80 0.00	52.42 3.48 0.00	47.07 2.83 0.00	43.37 2.91 0.00	41.21 2.59 0.00	38.59 2.25 0.00
RAVENSWOOD___1 23533	34.71 1.99 -3.40	33.64 1.70 -4.93	32.99 1.58 -4.59	31.87 1.51 -3.32	32.45 1.63 -2.17	34.93 2.16 0.00	46.26 2.98 0.00	54.88 3.59 0.00	47.87 3.42 0.00	39.67 2.90 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.04 3.00 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.62 4.36 0.00	59.75 3.81 0.00	52.42 3.48 0.00	47.03 2.79 0.00	43.21 2.75 0.00	41.17 2.55 0.00	38.82 2.47 -0.01
RAVENSWOOD___2 23534	34.71 1.99 -3.40	33.64 1.70 -4.93	32.96 1.56 -4.59	31.84 1.49 -3.32	32.42 1.60 -2.17	34.93 2.16 0.00	46.26 2.98 0.00	54.88 3.59 0.00	47.82 3.38 0.00	39.67 2.90 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.04 3.00 0.00	46.50 3.45 0.00	55.90 3.71 0.00	66.56 4.29 0.00	59.69 3.75 0.00	52.37 3.42 0.00	46.99 2.74 0.00	43.21 2.75 0.00	41.17 2.55 0.00	38.82 2.47 -0.01
RAVENSWOOD___3 23535	34.55 1.85 -3.39	33.50 1.57 -4.92	32.85 1.45 -4.58	31.73 1.38 -3.32	32.30 1.49 -2.17	34.83 2.07 0.00	46.30 3.03 0.00	55.03 3.74 0.00	47.91 3.47 0.00	39.70 2.94 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.04 3.00 0.00	46.50 3.45 0.00	55.96 3.76 0.00	66.62 4.36 0.00	59.75 3.81 0.00	52.42 3.48 0.00	47.08 2.83 0.00	43.25 2.79 0.00	41.13 2.51 0.00	38.63 2.29 0.00
RAVENSWOOD___4 23820	34.68 1.96 -3.40	33.64 1.70 -4.93	32.96 1.56 -4.59	31.84 1.49 -3.32	32.42 1.60 -2.17	34.89 2.13 0.00	46.26 2.98 0.00	54.88 3.59 0.00	47.82 3.38 0.00	39.63 2.87 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.01 2.97 0.00	46.50 3.45 0.00	55.90 3.71 0.00	66.56 4.29 0.00	59.69 3.75 0.00	52.37 3.42 0.00	46.99 2.74 0.00	43.21 2.75 0.00	41.13 2.51 0.00	38.82 2.47 -0.01
RCPL_TRUST___DRP 24196	34.61 1.91 -3.39	33.55 1.62 -4.92	32.87 1.48 -4.58	31.78 1.43 -3.32	32.36 1.55 -2.17	34.80 2.03 0.00	46.43 3.16 0.00	55.08 3.80 0.00	48.00 3.56 0.00	39.74 2.98 0.00	38.66 2.86 -1.40	37.37 2.66 -2.33	36.73 2.60 -1.67	37.86 2.87 0.00	41.12 3.08 0.00	46.59 3.53 0.00	56.06 3.86 0.00	66.75 4.48 0.00	59.80 3.86 0.00	52.47 3.52 0.00	47.12 2.88 0.00	43.37 2.91 0.00	41.21 2.59 0.00	38.56 2.22 0.00
RED___ROCHESTER 323720	28.84 -0.85 -0.37	26.69 -0.87 -0.54	26.52 -0.80 -0.51	26.59 -0.81 -0.37	28.00 -0.89 -0.24	31.45 -1.31 0.00	41.85 -1.43 0.00	49.18 -2.11 0.00	42.71 -1.73 0.00	35.62 -1.14 0.00	33.17 -1.24 0.00	31.24 -1.16 -0.02	31.59 -0.91 -0.03	33.73 -1.26 0.00	36.71 -1.33 0.00	41.29 -1.77 0.00	50.21 -1.98 0.00	59.90 -2.37 0.00	54.21 -1.73 0.00	47.43 -1.52 0.00	42.92 -1.33 0.00	38.84 -1.62 0.00	37.15 -1.47 0.00	35.14 -1.20 0.00
REGAN___SOLAR 323812	35.72 1.99 -4.41	35.22 1.81 -6.40	34.52 1.74 -5.96	33.08 1.73 -4.32	33.30 1.83 -2.82	35.09 2.33 0.00	46.65 3.38 0.00	55.34 4.05 0.00	47.69 3.24 0.00	39.01 2.24 0.00	36.57 1.82 -0.34	34.75 1.59 -0.78	34.70 1.53 -0.71	36.84 1.85 0.00	40.36 2.32 0.00	46.16 3.10 0.00	56.16 3.97 0.00	67.25 4.98 0.00	60.58 4.64 0.00	52.86 3.92 0.00	47.70 3.45 0.00	43.62 3.16 0.00	41.44 2.82 0.00	38.84 2.51 0.00
RENSSELAER___COGEN 23796	33.96 0.64 -4.00	33.42 0.59 -5.81	32.82 0.59 -5.41	31.60 0.65 -3.92	31.89 0.69 -2.56	33.62 0.85 0.00	44.14 0.87 0.00	52.26 0.97 0.00	45.29 0.84 0.00	37.46 0.70 0.00	35.95 1.07 -0.48	34.36 1.01 -0.97	34.28 1.01 -0.81	36.07 1.09 0.00	39.14 1.10 0.00	44.00 0.95 0.00	53.08 0.89 0.00	63.26 0.99 0.00	56.73 0.78 0.00	49.63 0.68 0.00	44.91 0.66 0.00	41.43 0.97 0.00	39.74 1.12 0.00	37.32 0.98 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.79 3.34 -4.13	36.00 3.00 -5.99	35.27 2.87 -5.58	33.89 2.81 -4.05	34.24 2.95 -2.64	36.73 3.96 0.00	48.73 5.45 0.00	57.90 6.62 0.00	49.87 5.42 0.00	40.73 3.97 0.00	38.45 3.61 -0.43	36.59 3.30 -0.90	36.39 3.15 -0.77	38.45 3.46 0.00	42.15 4.11 0.00	48.05 4.99 0.00	58.46 6.26 0.00	70.17 7.91 0.00	63.22 7.27 0.00	55.06 6.12 0.00	49.73 5.49 0.00	45.19 4.73 0.00	42.87 4.25 0.00	40.26 3.92 0.00
REVERE_CPPR_DRP 24186	29.11 0.62 0.82	26.74 0.59 0.86	26.59 0.64 0.88	26.75 0.65 0.93	28.32 0.69 1.01	33.08 0.88 0.57	44.70 1.43 0.00	53.29 2.00 0.00	46.09 1.64 0.00	37.87 1.10 0.00	35.37 0.96 0.00	32.54 0.78 0.62	33.15 0.81 0.12	35.97 0.98 0.00	39.26 1.22 0.00	44.52 1.46 0.00	54.23 2.04 0.00	64.82 2.55 0.00	58.29 2.35 0.00	50.80 1.86 0.00	45.97 1.73 0.00	41.83 1.38 0.00	39.74 1.12 0.00	37.39 1.05 0.00
REYNOLDS_115KV_TB3 80639	34.09 0.76 -4.01	33.53 0.70 -5.82	32.93 0.70 -5.42	31.72 0.76 -3.93	31.98 0.77 -2.57	33.68 0.92 0.00	44.49 1.21 0.00	52.72 1.44 0.00	45.69 1.24 0.00	37.79 1.03 0.00	36.16 1.27 -0.49	34.56 1.20 -0.98	34.48 1.20 -0.82	36.25 1.26 0.00	39.37 1.33 0.00	44.35 1.29 0.00	53.55 1.36 0.00	63.76 1.49 0.00	57.17 1.23 0.00	50.02 1.08 0.00	45.26 1.02 0.00	41.71 1.25 0.00	39.93 1.31 0.00	37.54 1.20 0.00
RIVERBAY____ 323610	34.91 2.20 -3.40	33.83 1.89 -4.93	33.18 1.77 -4.59	32.06 1.70 -3.32	32.65 1.83 -2.17	34.96 2.20 0.00	46.30 3.03 0.00	54.83 3.54 0.00	47.82 3.38 0.00	39.63 2.87 0.00	38.59 2.79 -1.39	37.31 2.59 -2.33	36.66 2.53 -1.66	37.82 2.83 0.00	40.97 2.93 0.00	46.46 3.40 0.00	55.85 3.65 0.00	66.50 4.23 0.00	59.63 3.69 0.00	52.37 3.43 0.00	46.99 2.74 0.00	43.41 2.95 0.00	41.48 2.86 0.00	39.00 2.65 -0.01
RIVERSDE_115KV_TB3 55908	33.98 0.64 -4.02	33.41 0.57 -5.84	32.84 0.59 -5.43	31.62 0.65 -3.94	31.90 0.69 -2.57	33.55 0.79 0.00	44.31 1.04 0.00	52.52 1.23 0.00	45.51 1.07 0.00	37.65 0.88 0.00	36.12 1.24 -0.48	34.52 1.17 -0.97	34.41 1.14 -0.81	36.21 1.22 0.00	39.30 1.26 0.00	44.22 1.16 0.00	53.40 1.20 0.00	63.57 1.31 0.00	57.01 1.06 0.00	49.87 0.93 0.00	45.13 0.88 0.00	41.63 1.17 0.00	39.90 1.27 0.00	37.46 1.13 0.00
ROARING___BROOK_WT_PWR 323790	8.77 -1.58 18.96	4.48 -1.46 21.06	4.30 -1.45 21.08	4.62 -1.46 20.95	5.62 -1.55 21.48	20.00 -1.80 10.96	41.11 -2.16 0.00	48.88 -2.41 0.00	42.18 -2.27 0.00	34.73 -2.02 0.01	32.54 -1.86 0.01	18.88 -1.75 11.75	28.32 -1.72 2.42	33.09 -1.89 0.01	36.14 -1.90 0.00	41.21 -1.85 0.00	50.21 -1.98 0.00	60.02 -2.24 0.00	53.98 -1.96 0.00	47.08 -1.86 0.00	42.87 -1.37 0.00	38.96 -1.50 0.00	37.50 -1.12 0.00	35.50 -0.83 0.00

ROCHESRG_115KV_T4 355643	28.60 -1.08 -0.37	26.47 -1.08 -0.54	26.28 -1.05 -0.50	26.34 -1.05 -0.36	27.79 -1.09 -0.24	31.29 -1.47 0.00	41.41 -1.86 0.00	48.67 -2.62 0.00	42.27 -2.18 0.00	35.29 -1.47 0.00	32.89 -1.51 0.00	30.92 -1.49 -0.02	31.26 -1.23 -0.03	33.41 -1.57 0.00	36.33 -1.71 0.00	40.86 -2.20 0.00	49.59 -2.61 0.00	59.15 -3.11 0.00	53.48 -2.46 0.00	46.84 -2.10 0.00	42.38 -1.86 0.00	38.19 -2.27 0.00	36.57 -2.05 0.00	34.81 -1.53 0.00
ROCHESTER_9_IC 23652	28.69 -1.00 -0.37	26.58 -0.97 -0.54	26.39 -0.94 -0.51	26.42 -0.97 -0.37	27.88 -1.00 -0.24	31.42 -1.34 0.00	41.63 -1.64 0.00	48.98 -2.31 0.00	42.49 -1.96 0.00	35.48 -1.29 0.00	33.06 -1.34 0.00	31.05 -1.36 -0.02	31.42 -1.07 -0.03	33.59 -1.40 0.00	36.52 -1.52 0.00	41.08 -1.98 0.00	49.90 -2.30 0.00	59.52 -2.74 0.00	53.87 -2.07 0.00	47.18 -1.76 0.00	42.65 -1.59 0.00	38.44 -2.02 0.00	36.77 -1.85 0.00	34.99 -1.34 0.00
ROCKVIEW_13_KV_LD 356306	34.58 1.88 -3.39	33.52 1.59 -4.92	32.87 1.48 -4.58	31.79 1.43 -3.32	32.33 1.52 -2.17	34.76 2.00 0.00	46.35 3.07 0.00	54.98 3.69 0.00	47.91 3.47 0.00	39.59 2.83 0.00	38.52 2.72 -1.39	37.24 2.53 -2.33	36.63 2.50 -1.67	37.75 2.76 0.00	41.01 2.97 0.00	46.50 3.44 0.00	55.96 3.76 0.00	66.62 4.36 0.00	59.80 3.86 0.00	52.47 3.52 0.00	47.12 2.88 0.00	43.37 2.91 0.00	41.17 2.55 0.00	38.52 2.18 0.00
ROME____115KV_TB2 80656	29.11 0.62 0.82	26.74 0.59 0.86	26.59 0.64 0.88	26.75 0.65 0.93	28.32 0.69 1.01	33.08 0.88 0.57	44.70 1.43 0.00	53.29 2.00 0.00	46.09 1.64 0.00	37.87 1.10 0.00	35.37 0.96 0.00	32.54 0.78 0.62	33.15 0.81 0.12	35.97 0.98 0.00	39.26 1.22 0.00	44.52 1.46 0.00	54.23 2.04 0.00	64.82 2.55 0.00	58.29 2.35 0.00	50.80 1.86 0.00	45.97 1.73 0.00	41.83 1.38 0.00	39.74 1.12 0.00	37.39 1.05 0.00
ROSETON___1 23587	34.03 1.35 -3.37	33.09 1.19 -4.89	32.47 1.10 -4.55	31.42 1.08 -3.30	31.98 1.17 -2.16	34.34 1.57 0.00	45.61 2.34 0.00	54.16 2.87 0.00	47.11 2.67 0.00	38.93 2.17 0.00	37.63 2.06 -1.16	36.26 1.91 -1.97	35.77 1.88 -1.43	37.09 2.10 0.00	40.25 2.21 0.00	45.64 2.58 0.00	54.96 2.76 0.00	65.50 3.24 0.00	58.74 2.80 0.00	51.49 2.54 0.00	46.37 2.12 0.00	42.52 2.06 0.00	40.47 1.85 0.00	38.01 1.67 0.00
ROSETON___2 23588	34.03 1.35 -3.37	33.09 1.19 -4.89	32.47 1.10 -4.55	31.42 1.08 -3.30	31.98 1.17 -2.16	34.34 1.57 0.00	45.61 2.34 0.00	54.16 2.87 0.00	47.11 2.67 0.00	38.93 2.17 0.00	37.63 2.06 -1.16	36.26 1.91 -1.97	35.77 1.88 -1.43	37.09 2.10 0.00	40.25 2.21 0.00	45.64 2.58 0.00	54.96 2.76 0.00	65.50 3.24 0.00	58.74 2.80 0.00	51.49 2.54 0.00	46.37 2.12 0.00	42.52 2.06 0.00	40.47 1.85 0.00	38.01 1.67 0.00
ROTRDAM_115KV_TB3 80664	34.39 0.91 -4.17	33.88 0.81 -6.06	33.26 0.80 -5.63	31.93 0.81 -4.09	32.17 0.86 -2.67	33.81 1.05 0.00	44.75 1.47 0.00	53.03 1.74 0.00	45.96 1.51 0.00	37.90 1.14 0.00	35.84 1.03 -0.41	34.23 0.97 -0.87	34.16 0.94 -0.75	36.04 1.05 0.00	39.22 1.18 0.00	44.48 1.42 0.00	53.87 1.67 0.00	64.26 1.99 0.00	57.73 1.79 0.00	50.51 1.57 0.00	45.61 1.37 0.00	41.79 1.34 0.00	39.86 1.24 0.00	37.43 1.09 0.00
RUSSELL___1 23602	28.78 -0.91 -0.37	26.66 -0.89 -0.54	26.47 -0.86 -0.51	26.51 -0.89 -0.37	28.00 -0.89 -0.24	31.52 -1.25 0.00	41.80 -1.47 0.00	49.24 -2.05 0.00	42.71 -1.73 0.00	35.62 -1.14 0.00	33.20 -1.20 0.00	31.18 -1.23 -0.02	31.55 -0.94 -0.03	33.73 -1.26 0.00	36.71 -1.33 0.00	41.29 -1.77 0.00	50.16 -2.04 0.00	59.90 -2.37 0.00	54.21 -1.73 0.00	47.43 -1.52 0.00	42.91 -1.33 0.00	38.64 -1.82 0.00	36.92 -1.70 0.00	35.14 -1.20 0.00
RUSSELL___2 23532	28.78 -0.91 -0.37	26.66 -0.89 -0.54	26.47 -0.86 -0.51	26.51 -0.89 -0.37	28.00 -0.89 -0.24	31.52 -1.25 0.00	41.80 -1.47 0.00	49.24 -2.05 0.00	42.71 -1.73 0.00	35.62 -1.14 0.00	33.20 -1.20 0.00	31.18 -1.23 -0.02	31.55 -0.94 -0.03	33.73 -1.26 0.00	36.71 -1.33 0.00	41.29 -1.77 0.00	50.16 -2.04 0.00	59.90 -2.37 0.00	54.21 -1.73 0.00	47.43 -1.52 0.00	42.91 -1.33 0.00	38.64 -1.82 0.00	36.92 -1.70 0.00	35.14 -1.20 0.00
RUSSELL___3 23549	28.78 -0.91 -0.37	26.66 -0.89 -0.54	26.47 -0.86 -0.51	26.51 -0.89 -0.37	28.00 -0.89 -0.24	31.52 -1.25 0.00	41.80 -1.47 0.00	49.24 -2.05 0.00	42.71 -1.73 0.00	35.62 -1.14 0.00	33.20 -1.20 0.00	31.18 -1.23 -0.02	31.55 -0.94 -0.03	33.73 -1.26 0.00	36.71 -1.33 0.00	41.29 -1.77 0.00	50.16 -2.04 0.00	59.90 -2.37 0.00	54.21 -1.73 0.00	47.43 -1.52 0.00	42.91 -1.33 0.00	38.64 -1.82 0.00	36.92 -1.70 0.00	35.14 -1.20 0.00
RUSSELL___4 23556	28.78 -0.91 -0.37	26.66 -0.89 -0.54	26.47 -0.86 -0.51	26.51 -0.89 -0.37	28.00 -0.89 -0.24	31.52 -1.25 0.00	41.80 -1.47 0.00	49.24 -2.05 0.00	42.71 -1.73 0.00	35.62 -1.14 0.00	33.20 -1.20 0.00	31.18 -1.23 -0.02	31.55 -0.94 -0.03	33.73 -1.26 0.00	36.71 -1.33 0.00	41.29 -1.77 0.00	50.16 -2.04 0.00	59.90 -2.37 0.00	54.21 -1.73 0.00	47.43 -1.52 0.00	42.91 -1.33 0.00	38.64 -1.82 0.00	36.92 -1.70 0.00	35.14 -1.20 0.00
RUSSELL___STATION 23914	28.78 -0.91 -0.37	26.66 -0.89 -0.54	26.47 -0.86 -0.51	26.51 -0.89 -0.37	28.00 -0.89 -0.24	31.52 -1.25 0.00	41.80 -1.47 0.00	49.24 -2.05 0.00	42.71 -1.73 0.00	35.62 -1.14 0.00	33.20 -1.20 0.00	31.18 -1.23 -0.02	31.55 -0.94 -0.03	33.73 -1.26 0.00	36.71 -1.33 0.00	41.29 -1.77 0.00	50.16 -2.04 0.00	59.90 -2.37 0.00	54.21 -1.73 0.00	47.43 -1.52 0.00	42.91 -1.33 0.00	38.64 -1.82 0.00	36.92 -1.70 0.00	35.14 -1.20 0.00
S SALMON___HYD 24043	27.63 -0.53 1.16	25.31 -0.49 1.21	25.13 -0.46 1.24	25.26 -0.46 1.31	26.73 -0.49 1.42	31.38 -0.59 0.80	42.45 -0.82 0.00	50.42 -0.87 0.00	43.56 -0.89 0.00	35.99 -0.77 0.00	33.55 -0.86 0.00	30.73 -0.81 0.85	31.49 -0.81 0.16	34.11 -0.87 0.00	37.13 -0.91 0.00	42.02 -1.03 0.00	51.20 -0.99 0.00	61.20 -1.06 0.00	55.11 -0.84 0.00	48.11 -0.83 0.00	43.58 -0.66 0.00	39.73 -0.73 0.00	37.81 -0.81 0.00	35.57 -0.76 0.00
S.PERRY__115KV_TB1 80734	29.15 -0.70 -0.54	27.09 -0.70 -0.78	26.93 -0.62 -0.73	26.88 -0.68 -0.53	28.33 -0.66 -0.34	32.31 -0.46 0.00	43.19 -0.09 0.00	51.13 -0.15 0.00	44.09 -0.36 0.00	36.54 -0.22 0.00	33.82 -0.58 0.00	31.71 -0.71 -0.03	31.76 -0.75 -0.05	34.36 -0.63 0.00	37.43 -0.61 0.00	42.28 -0.78 0.00	51.73 -0.47 0.00	62.26 0.00 0.00	56.56 0.62 0.00	49.48 0.54 0.00	44.73 0.49 0.00	40.09 -0.36 0.00	38.23 -0.39 0.00	36.34 0.00 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.63 -2.17 -0.48	25.52 -2.19 -0.70	25.30 -2.17 -0.65	25.39 -2.11 -0.47	26.78 -2.18 -0.31	30.67 -2.10 0.00	40.64 -2.64 0.00	47.24 -4.05 0.00	41.20 -3.24 0.00	34.74 -2.02 0.00	32.31 -2.10 0.00	30.31 -2.11 -0.03	30.23 -2.27 -0.04	32.71 -2.27 0.00	35.64 -2.40 0.00	39.83 -3.23 0.00	48.28 -3.91 0.00	57.59 -4.67 0.00	52.19 -3.75 0.00	45.81 -3.13 0.00	41.54 -2.70 0.00	37.14 -3.32 0.00	35.84 -2.78 0.00	34.52 -1.82 0.00

SAWYER___23_KV_LOAD 55526	27.63 -2.17 -0.48	25.52 -2.19 -0.70	25.30 -2.17 -0.65	25.39 -2.11 -0.47	26.78 -2.18 -0.31	30.67 -2.10 0.00	40.64 -2.64 0.00	47.24 -4.05 0.00	41.20 -3.24 0.00	34.74 -2.02 0.00	32.31 -2.10 0.00	30.31 -2.11 -0.03	30.23 -2.27 -0.04	32.71 -2.27 0.00	35.64 -2.40 0.00	39.83 -3.23 0.00	48.28 -3.91 0.00	57.59 -4.67 0.00	52.19 -3.75 0.00	45.81 -3.13 0.00	41.54 -2.70 0.00	37.14 -3.32 0.00	35.84 -2.78 0.00	34.52 -1.82 0.00
SELKIRK___I 23801	34.08 0.82 -3.95	33.49 0.76 -5.73	32.90 0.75 -5.33	31.68 0.78 -3.87	32.00 0.83 -2.52	33.75 0.98 0.00	44.40 1.12 0.00	52.57 1.28 0.00	45.47 1.02 0.00	37.54 0.77 0.00	35.87 0.96 -0.50	34.29 0.91 -1.00	34.16 0.88 -0.83	35.97 0.98 0.00	39.10 1.06 0.00	44.17 1.12 0.00	53.40 1.20 0.00	63.70 1.43 0.00	57.17 1.23 0.00	50.02 1.08 0.00	45.26 1.02 0.00	41.63 1.17 0.00	39.86 1.24 0.00	37.47 1.13 0.00
SELKIRK___II 23799	33.98 0.67 -3.99	33.42 0.62 -5.79	32.82 0.62 -5.38	31.58 0.65 -3.91	31.88 0.69 -2.55	33.62 0.85 0.00	44.27 1.00 0.00	52.41 1.13 0.00	45.42 0.98 0.00	37.54 0.77 0.00	35.88 1.00 -0.47	34.28 0.94 -0.96	34.21 0.94 -0.80	36.00 1.02 0.00	39.10 1.06 0.00	44.09 1.03 0.00	53.24 1.04 0.00	63.44 1.18 0.00	56.95 1.01 0.00	49.83 0.88 0.00	45.04 0.80 0.00	41.47 1.01 0.00	39.70 1.08 0.00	37.28 0.94 0.00
SENECA OSWGO___HYD 24041	28.59 -0.56 0.16	26.40 -0.51 0.10	26.19 -0.51 0.12	26.31 -0.51 0.21	27.79 -0.55 0.31	31.84 -0.69 0.24	42.24 -1.04 0.00	50.06 -1.23 0.00	43.33 -1.11 0.00	35.88 -0.88 0.00	33.51 -0.89 0.00	31.34 -0.81 0.24	31.62 -0.81 0.03	34.08 -0.91 0.00	37.05 -0.99 0.00	41.90 -1.16 0.00	50.79 -1.41 0.00	60.71 -1.55 0.00	54.60 -1.34 0.00	47.72 -1.22 0.00	43.14 -1.10 0.00	39.33 -1.13 0.00	37.50 -1.12 0.00	35.25 -1.09 0.00
SENECA___115KV_TB3 355854	27.62 -2.20 -0.50	25.52 -2.21 -0.73	25.30 -2.20 -0.68	25.39 -2.14 -0.49	26.79 -2.18 -0.32	31.03 -1.74 0.00	41.24 -2.03 0.00	48.01 -3.28 0.00	41.87 -2.58 0.00	35.29 -1.47 0.00	32.79 -1.62 0.00	30.73 -1.68 -0.03	30.36 -2.14 -0.04	33.20 -1.78 0.00	36.25 -1.79 0.00	40.47 -2.58 0.00	49.17 -3.03 0.00	58.71 -3.55 0.00	53.15 -2.80 0.00	46.64 -2.30 0.00	42.34 -1.90 0.00	37.79 -2.67 0.00	36.42 -2.20 0.00	35.07 -1.27 0.00
SENECA___ENERGY 23797	29.13 -0.59 -0.40	27.05 -0.54 -0.59	26.83 -0.54 -0.55	26.89 -0.54 -0.40	28.33 -0.57 -0.26	32.24 -0.53 0.00	42.84 -0.43 0.00	50.62 -0.67 0.00	43.91 -0.53 0.00	36.43 -0.33 0.00	33.89 -0.52 0.00	31.86 -0.55 -0.02	31.88 -0.62 -0.03	34.43 -0.56 0.00	37.47 -0.57 0.00	42.28 -0.77 0.00	51.31 -0.89 0.00	61.45 -0.81 0.00	55.38 -0.56 0.00	48.36 -0.59 0.00	43.80 -0.44 0.00	39.73 -0.73 0.00	37.85 -0.77 0.00	35.69 -0.65 0.00
SHOEMAKER___GT 23640	33.55 1.17 -3.07	32.49 1.03 -4.45	31.90 0.94 -4.14	30.95 0.92 -3.00	31.64 1.03 -1.96	34.14 1.38 0.00	45.35 2.08 0.00	53.85 2.56 0.00	46.71 2.27 0.00	38.60 1.84 0.00	31.51 1.65 4.54	27.15 1.52 6.76	29.71 1.49 4.24	36.67 1.68 0.00	39.87 1.83 0.00	45.25 2.19 0.00	54.65 2.45 0.00	65.19 2.93 0.00	58.52 2.57 0.00	51.25 2.30 0.00	46.19 1.94 0.00	42.28 1.82 0.00	40.28 1.66 0.00	37.86 1.53 0.00
SHOEMAKR_138KV_BK 111 55601	33.56 1.20 -3.04	32.48 1.05 -4.41	31.92 0.99 -4.11	30.98 0.97 -2.98	31.65 1.06 -1.94	34.14 1.38 0.00	45.40 2.12 0.00	53.80 2.51 0.00	46.76 2.31 0.00	38.60 1.84 0.00	29.66 1.69 6.43	24.30 1.55 9.64	27.87 1.53 6.11	36.67 1.68 0.00	39.90 1.86 0.00	45.25 2.20 0.00	54.65 2.45 0.00	65.19 2.93 0.00	58.46 2.52 0.00	51.25 2.30 0.00	46.19 1.95 0.00	42.36 1.90 0.00	40.36 1.74 0.00	37.83 1.49 0.00
SHOREHAM_IC_1 23715	34.64 1.93 -3.39	33.66 1.73 -4.92	32.79 1.39 -4.58	31.60 1.24 -3.32	32.27 1.46 -2.17	35.29 2.52 0.00	47.05 3.76 -0.01	55.24 3.95 0.00	48.58 4.13 0.00	40.38 3.60 -0.01	39.03 3.23 -1.39	37.82 3.11 -2.33	37.22 3.09 -1.67	38.36 3.36 -0.01	45.25 3.65 -3.56	48.73 3.70 -1.97	56.32 3.71 -0.41	66.51 4.24 -0.01	60.21 3.86 -0.41	58.28 3.62 -5.71	55.76 3.54 -7.97	47.45 3.07 -3.92	41.56 2.93 -0.01	38.70 2.36 0.00
SHOREHAM_IC_2 23716	34.64 1.93 -3.39	33.66 1.73 -4.92	32.79 1.39 -4.58	31.60 1.24 -3.32	32.27 1.46 -2.17	35.29 2.52 0.00	47.05 3.76 -0.01	55.24 3.95 0.00	48.58 4.13 0.00	40.38 3.60 -0.01	39.03 3.23 -1.39	37.82 3.11 -2.33	37.22 3.09 -1.67	38.36 3.36 -0.01	45.25 3.65 -3.56	48.73 3.70 -1.97	56.32 3.71 -0.41	66.51 4.24 -0.01	60.21 3.86 -0.41	58.28 3.62 -5.71	55.76 3.54 -7.97	47.45 3.07 -3.92	41.56 2.93 -0.01	38.70 2.36 0.00
SISSONVILLE____ 23735	13.46 -2.43 13.42	9.88 -2.24 14.88	9.70 -2.23 14.90	9.95 -2.24 14.83	11.00 -2.41 15.23	22.05 -2.92 7.80	39.86 -3.42 0.00	47.54 -3.74 0.00	40.53 -3.91 0.00	33.04 -3.71 0.01	31.03 -3.37 0.01	20.88 -3.14 8.36	27.72 -3.02 1.72	31.69 -3.29 0.01	34.85 -3.20 0.00	40.04 -3.01 0.00	49.27 -2.92 0.00	58.90 -3.36 0.00	53.09 -2.85 0.00	46.06 -2.89 0.00	42.38 -1.86 0.00	37.95 -2.51 0.00	36.81 -1.82 0.00	35.10 -1.24 0.00
SITHE_IND_GS1 24169	28.72 -0.79 -0.20	26.57 -0.73 -0.28	26.39 -0.70 -0.26	26.49 -0.73 -0.19	28.00 -0.77 -0.13	31.78 -0.98 0.00	41.76 -1.52 0.00	49.39 -1.90 0.00	42.80 -1.64 0.00	35.44 -1.32 0.00	33.10 -1.31 0.00	31.20 -1.20 -0.01	31.31 -1.17 -0.02	33.69 -1.29 0.00	36.63 -1.41 0.00	41.42 -1.64 0.00	50.21 -1.98 0.00	59.90 -2.37 0.00	53.87 -2.07 0.00	47.13 -1.81 0.00	42.61 -1.64 0.00	38.88 -1.58 0.00	37.11 -1.51 0.00	34.92 -1.42 0.00
SITHE_IND_GS2 24170	28.72 -0.79 -0.20	26.57 -0.73 -0.28	26.39 -0.70 -0.26	26.49 -0.73 -0.19	28.00 -0.77 -0.13	31.78 -0.98 0.00	41.76 -1.52 0.00	49.39 -1.90 0.00	42.80 -1.64 0.00	35.44 -1.32 0.00	33.10 -1.31 0.00	31.20 -1.20 -0.01	31.31 -1.17 -0.02	33.69 -1.29 0.00	36.63 -1.41 0.00	41.42 -1.64 0.00	50.21 -1.98 0.00	59.90 -2.37 0.00	53.87 -2.07 0.00	47.13 -1.81 0.00	42.61 -1.64 0.00	38.88 -1.58 0.00	37.11 -1.51 0.00	34.92 -1.42 0.00
SITHE_IND_GS3 24171	28.72 -0.79 -0.20	26.57 -0.73 -0.28	26.39 -0.70 -0.26	26.49 -0.73 -0.19	28.00 -0.77 -0.13	31.78 -0.98 0.00	41.76 -1.52 0.00	49.39 -1.90 0.00	42.80 -1.64 0.00	35.44 -1.32 0.00	33.10 -1.31 0.00	31.20 -1.20 -0.01	31.31 -1.17 -0.02	33.69 -1.29 0.00	36.63 -1.41 0.00	41.42 -1.64 0.00	50.21 -1.98 0.00	59.90 -2.37 0.00	53.87 -2.07 0.00	47.13 -1.81 0.00	42.61 -1.64 0.00	38.88 -1.58 0.00	37.11 -1.51 0.00	34.92 -1.42 0.00
SITHE_IND_GS4 24172	28.72 -0.79 -0.20	26.57 -0.73 -0.28	26.39 -0.70 -0.26	26.49 -0.73 -0.19	28.00 -0.77 -0.13	31.78 -0.98 0.00	41.76 -1.52 0.00	49.39 -1.90 0.00	42.80 -1.64 0.00	35.44 -1.32 0.00	33.10 -1.31 0.00	31.20 -1.20 -0.01	31.31 -1.17 -0.02	33.69 -1.29 0.00	36.63 -1.41 0.00	41.42 -1.64 0.00	50.21 -1.98 0.00	59.90 -2.37 0.00	53.87 -2.07 0.00	47.13 -1.81 0.00	42.61 -1.64 0.00	38.88 -1.58 0.00	37.11 -1.51 0.00	34.92 -1.42 0.00

SITHE____BATAVIA 24024	28.45 -1.29 -0.43	26.33 -1.30 -0.62	26.19 -1.21 -0.58	26.23 -1.22 -0.42	27.60 -1.32 -0.27	31.23 -1.54 0.00	41.85 -1.43 0.00	48.88 -2.41 0.00	42.49 -1.95 0.00	35.55 -1.21 0.00	32.99 -1.41 0.00	30.95 -1.46 -0.03	31.10 -1.39 -0.03	33.48 -1.50 0.00	36.52 -1.52 0.00	40.95 -2.11 0.00	49.85 -2.35 0.00	59.28 -2.99 0.00	53.82 -2.13 0.00	47.18 -1.76 0.00	42.74 -1.50 0.00	38.48 -1.98 0.00	36.92 -1.70 0.00	35.10 -1.24 0.00
SITHE____INDEPEND 23800	28.72 -0.79 -0.20	26.56 -0.73 -0.28	26.36 -0.72 -0.26	26.49 -0.73 -0.19	28.00 -0.77 -0.13	31.82 -0.95 0.00	41.76 -1.51 0.00	49.39 -1.90 0.00	42.80 -1.64 0.00	35.44 -1.32 0.00	33.10 -1.31 0.00	31.20 -1.20 -0.01	31.31 -1.17 -0.02	33.69 -1.29 0.00	36.63 -1.41 0.00	41.42 -1.64 0.00	50.21 -1.98 0.00	59.90 -2.37 0.00	53.87 -2.07 0.00	47.13 -1.81 0.00	42.61 -1.64 0.00	38.84 -1.62 0.00	37.08 -1.54 0.00	34.92 -1.42 0.00
SITHE____MASSENA 23902	10.62 -2.52 16.18	6.71 -2.35 17.95	6.52 -2.33 17.96	6.83 -2.32 17.88	7.81 -2.49 18.35	20.34 -3.05 9.38	39.60 -3.68 0.00	47.08 -4.20 0.00	40.22 -4.22 0.00	32.82 -3.93 0.01	30.85 -3.54 0.01	19.09 -3.24 10.06	27.27 -3.12 2.07	31.55 -3.43 0.01	34.65 -3.39 0.00	39.83 -3.23 0.00	48.91 -3.29 0.00	58.40 -3.86 0.00	52.59 -3.36 0.00	45.61 -3.33 0.00	42.03 -2.21 0.00	37.62 -2.83 0.00	36.61 -2.01 0.00	34.99 -1.34 0.00
SITHE____OGDNSBRG 24021	12.65 -2.17 14.49	8.91 -2.03 16.07	8.75 -1.98 16.09	9.04 -1.97 16.02	10.08 -2.12 16.44	21.77 -2.59 8.41	40.38 -2.90 0.00	48.21 -3.08 0.00	40.93 -3.51 0.00	33.26 -3.49 0.01	31.20 -3.20 0.01	20.39 -2.98 9.02	27.75 -2.86 1.86	31.87 -3.11 0.01	35.11 -2.93 0.00	40.43 -2.63 0.00	49.80 -2.40 0.00	59.59 -2.68 0.00	53.76 -2.18 0.00	46.64 -2.30 0.00	42.91 -1.33 0.00	38.39 -2.06 0.00	37.23 -1.39 0.00	35.54 -0.80 0.00
SITHE____STERLING 23777	29.42 0.53 0.43	27.11 0.51 0.41	26.93 0.54 0.43	27.11 0.57 0.49	28.68 0.60 0.57	33.17 0.75 0.35	44.48 1.21 0.00	52.93 1.64 0.00	45.87 1.42 0.00	37.72 0.95 0.00	35.23 0.82 0.00	32.70 0.71 0.39	33.10 0.71 0.07	35.86 0.88 0.00	39.07 1.03 0.00	44.31 1.25 0.00	53.76 1.56 0.00	64.20 1.93 0.00	57.73 1.79 0.00	50.36 1.42 0.00	45.53 1.28 0.00	41.51 1.05 0.00	39.47 0.85 0.00	37.14 0.80 0.00
SLEIGHT__34_KV_TB1 80719	28.86 -0.82 -0.37	26.79 -0.76 -0.53	26.59 -0.72 -0.50	26.63 -0.76 -0.36	28.08 -0.80 -0.24	31.75 -1.02 0.00	42.11 -1.17 0.00	49.80 -1.49 0.00	43.11 -1.33 0.00	35.84 -0.92 0.00	33.41 -1.00 0.00	31.44 -0.97 -0.02	31.68 -0.81 -0.03	33.97 -1.01 0.00	36.94 -1.10 0.00	41.64 -1.42 0.00	50.58 -1.62 0.00	60.46 -1.81 0.00	54.54 -1.40 0.00	47.62 -1.32 0.00	43.05 -1.19 0.00	38.88 -1.58 0.00	37.11 -1.51 0.00	35.14 -1.20 0.00
SOUTH CAIRO____GT 23612	34.13 1.00 -3.82	33.47 0.92 -5.55	32.94 0.97 -5.16	31.75 0.97 -3.74	32.18 1.09 -2.44	34.40 1.64 0.00	45.53 2.25 0.00	53.80 2.51 0.00	46.22 1.78 0.00	37.68 0.92 0.00	36.10 1.10 -0.60	34.46 0.94 -1.14	34.31 0.94 -0.91	36.00 1.01 0.00	39.45 1.41 0.00	44.69 1.64 0.00	54.29 2.09 0.00	65.19 2.93 0.00	58.63 2.69 0.00	51.20 2.25 0.00	46.28 2.04 0.00	42.56 2.10 0.00	40.71 2.09 0.00	38.30 1.96 0.00
SOUTH HAMPTN____IC 23720	34.73 2.02 -3.39	33.74 1.81 -4.92	32.85 1.45 -4.58	31.65 1.30 -3.32	32.33 1.52 -2.17	35.35 2.59 0.00	47.22 3.94 -0.01	55.44 4.15 0.00	48.71 4.27 0.00	40.48 3.71 -0.01	39.07 3.27 -1.39	37.92 3.21 -2.33	37.28 3.15 -1.67	38.46 3.46 -0.01	45.40 3.80 -3.55	48.90 3.88 -1.97	56.63 4.02 -0.41	67.00 4.73 -0.01	60.72 4.37 -0.41	58.71 4.06 -5.71	56.14 3.94 -7.96	47.85 3.48 -3.92	41.95 3.32 -0.01	39.07 2.73 0.00
SOUTHDOW_115KV_TB1 355954	27.45 -2.40 -0.54	25.33 -2.46 -0.78	25.16 -2.39 -0.72	25.34 -2.22 -0.52	26.84 -2.15 -0.34	31.78 -0.98 0.00	42.63 -0.65 0.00	50.01 -1.28 0.00	43.56 -0.89 0.00	36.62 -0.15 0.00	33.96 -0.45 0.00	31.64 -0.78 -0.03	30.92 -1.59 -0.05	34.25 -0.73 0.00	37.51 -0.53 0.00	41.98 -1.08 0.00	51.31 -0.89 0.00	61.58 -0.68 0.00	55.55 -0.39 0.00	48.75 -0.20 0.00	44.24 0.00 0.00	39.37 -1.09 0.00	37.81 -0.81 0.00	36.30 -0.04 0.00
SOUTHOLD_69_KV_BK 2 55809	34.93 2.23 -3.39	33.71 1.78 -4.92	32.85 1.45 -4.58	31.65 1.30 -3.32	32.42 1.60 -2.17	35.45 2.69 0.00	47.27 3.98 -0.01	55.29 4.00 0.00	48.53 4.09 0.00	40.45 3.68 -0.01	38.76 2.96 -1.39	37.85 3.14 -2.33	37.25 3.12 -1.67	38.46 3.46 -0.01	45.36 3.77 -3.55	48.81 3.79 -1.97	56.84 4.23 -0.41	67.19 4.92 -0.01	61.00 4.64 -0.41	59.01 4.36 -5.71	56.50 4.29 -7.96	48.30 3.92 -3.92	42.38 3.75 -0.01	39.39 3.05 0.00
SOUTHOLD____IC 23719	34.64 1.93 -3.39	33.66 1.73 -4.92	32.77 1.37 -4.58	31.54 1.19 -3.32	32.25 1.43 -2.17	35.32 2.56 0.00	47.18 3.90 -0.01	55.44 4.15 0.00	48.62 4.18 0.00	40.45 3.68 -0.01	38.82 3.03 -1.39	37.82 3.11 -2.33	37.22 3.09 -1.67	38.43 3.43 -0.01	45.36 3.77 -3.55	48.81 3.79 -1.97	56.69 4.07 -0.41	67.19 4.92 -0.01	60.99 4.64 -0.41	59.01 4.35 -5.71	56.50 4.29 -7.96	48.22 3.85 -3.92	42.30 3.67 -0.01	39.46 3.13 0.00
SOUTH_FORK_WT_PWR 323839	34.35 1.64 -3.39	33.39 1.46 -4.92	32.50 1.10 -4.58	31.27 0.92 -3.32	31.96 1.15 -2.17	34.99 2.23 0.00	46.70 3.42 -0.01	54.93 3.64 0.00	48.18 3.73 0.00	40.08 3.31 -0.01	38.38 2.58 -1.39	37.50 2.79 -2.33	36.89 2.76 -1.67	38.08 3.08 -0.01	44.98 3.38 -3.55	48.29 3.27 -1.97	56.11 3.50 -0.41	66.57 4.29 -0.01	60.49 4.14 -0.41	58.66 4.01 -5.71	56.23 4.03 -7.96	48.06 3.68 -3.92	42.22 3.59 -0.01	39.43 3.09 0.00
SPIERFLS_115KV_TB 1 80737	35.35 1.91 -4.13	34.74 1.73 -6.00	34.04 1.64 -5.58	32.70 1.62 -4.05	33.01 1.72 -2.64	35.03 2.26 0.00	46.39 3.12 0.00	55.08 3.80 0.00	47.60 3.16 0.00	39.04 2.28 0.00	36.93 2.10 -0.43	35.20 1.91 -0.90	35.05 1.82 -0.77	36.98 1.99 0.00	40.36 2.32 0.00	45.86 2.80 0.00	55.64 3.45 0.00	66.50 4.23 0.00	59.80 3.86 0.00	52.22 3.28 0.00	47.16 2.92 0.00	43.09 2.63 0.00	41.02 2.39 0.00	38.56 2.22 0.00
ST LAWRENCE____ 23600	9.60 -2.79 16.93	5.65 -2.57 18.79	5.45 -2.57 18.80	5.75 -2.60 18.69	6.71 -2.78 19.16	19.62 -3.37 9.77	39.08 -4.20 0.00	46.46 -4.82 0.00	39.73 -4.71 0.00	32.49 -4.26 0.01	30.54 -3.85 0.01	18.32 -3.56 10.50	26.85 -3.44 2.17	31.20 -3.78 0.01	34.27 -3.77 0.00	39.35 -3.70 0.00	48.28 -3.92 0.00	57.66 -4.61 0.00	51.86 -4.08 0.00	45.08 -3.87 0.00	41.46 -2.79 0.00	37.22 -3.24 0.00	36.23 -2.39 0.00	34.63 -1.71 0.00
STATE_CA_115KV_115_LB 55624	33.97 0.62 -4.04	33.45 0.57 -5.87	32.87 0.59 -5.46	31.61 0.62 -3.96	31.89 0.66 -2.59	33.55 0.79 0.00	44.31 1.04 0.00	52.52 1.23 0.00	45.51 1.07 0.00	37.65 0.88 0.00	36.14 1.27 -0.46	34.53 1.20 -0.95	34.43 1.17 -0.80	36.25 1.26 0.00	39.37 1.33 0.00	44.22 1.16 0.00	53.40 1.20 0.00	63.63 1.37 0.00	57.12 1.17 0.00	49.92 0.98 0.00	45.17 0.93 0.00	41.63 1.17 0.00	39.93 1.31 0.00	37.50 1.16 0.00

STATE_ST_34_KV_LOAD 55959	29.62 -0.09 -0.40	27.53 -0.05 -0.58	27.30 -0.05 -0.54	27.34 -0.08 -0.39	28.78 -0.11 -0.25	32.73 -0.03 0.00	43.32 0.04 0.00	51.39 0.10 0.00	44.44 0.00 0.00	36.80 0.04 0.00	34.27 -0.14 0.00	32.25 -0.16 -0.02	32.30 -0.19 -0.03	34.85 -0.14 0.00	37.89 -0.15 0.00	42.84 -0.22 0.00	52.04 -0.16 0.00	62.33 0.06 0.00	56.11 0.17 0.00	48.94 0.00 0.00	44.24 0.00 0.00	40.17 -0.28 0.00	38.27 -0.35 0.00	36.05 -0.29 0.00
STATION_5_MISC_HYD 23604	28.75 -0.94 -0.37	26.61 -0.95 -0.54	26.44 -0.88 -0.51	26.51 -0.89 -0.37	27.91 -0.97 -0.24	31.32 -1.44 0.00	41.67 -1.60 0.00	48.93 -2.36 0.00	42.49 -1.95 0.00	35.47 -1.29 0.00	33.03 -1.38 0.00	31.11 -1.30 -0.02	31.45 -1.04 -0.03	33.59 -1.40 0.00	36.56 -1.48 0.00	41.08 -1.98 0.00	49.95 -2.24 0.00	59.53 -2.74 0.00	53.87 -2.07 0.00	47.18 -1.76 0.00	42.69 -1.55 0.00	38.64 -1.82 0.00	37.00 -1.62 0.00	34.99 -1.34 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.05 -0.64 -0.38	26.94 -0.62 -0.55	26.74 -0.59 -0.51	26.78 -0.62 -0.37	28.26 -0.63 -0.24	32.01 -0.75 0.00	42.54 -0.74 0.00	50.21 -1.08 0.00	43.56 -0.89 0.00	36.17 -0.59 0.00	33.68 -0.72 0.00	31.66 -0.74 -0.02	31.88 -0.62 -0.03	34.25 -0.73 0.00	37.28 -0.76 0.00	42.02 -1.03 0.00	51.05 -1.15 0.00	61.02 -1.25 0.00	55.16 -0.78 0.00	48.16 -0.78 0.00	43.58 -0.66 0.00	39.33 -1.13 0.00	37.50 -1.12 0.00	35.54 -0.80 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.60 -1.08 -0.37	26.50 -1.05 -0.54	26.30 -1.02 -0.50	26.34 -1.05 -0.36	27.79 -1.09 -0.24	31.32 -1.44 0.00	41.50 -1.77 0.00	48.88 -2.41 0.00	42.40 -2.04 0.00	35.37 -1.40 0.00	32.96 -1.45 0.00	30.98 -1.42 -0.02	31.33 -1.17 -0.03	33.52 -1.47 0.00	36.44 -1.60 0.00	40.99 -2.07 0.00	49.80 -2.40 0.00	59.40 -2.86 0.00	53.76 -2.18 0.00	47.04 -1.91 0.00	42.52 -1.73 0.00	38.35 -2.10 0.00	36.65 -1.97 0.00	34.85 -1.49 0.00
STA_56___34_KV_BUS2 355983	28.60 -1.08 -0.37	26.50 -1.05 -0.54	26.30 -1.02 -0.50	26.34 -1.05 -0.36	27.79 -1.09 -0.24	31.32 -1.44 0.00	41.50 -1.77 0.00	48.88 -2.41 0.00	42.40 -2.04 0.00	35.37 -1.40 0.00	32.96 -1.45 0.00	30.98 -1.42 -0.02	31.33 -1.17 -0.03	33.52 -1.47 0.00	36.44 -1.60 0.00	40.99 -2.07 0.00	49.80 -2.40 0.00	59.40 -2.86 0.00	53.76 -2.18 0.00	47.04 -1.91 0.00	42.52 -1.73 0.00	38.35 -2.10 0.00	36.65 -1.97 0.00	34.85 -1.49 0.00
STA_67___115KV_BK2 355882	28.66 -1.03 -0.37	26.53 -1.03 -0.54	26.33 -0.99 -0.51	26.40 -1.00 -0.37	27.85 -1.03 -0.24	31.36 -1.41 0.00	41.54 -1.73 0.00	48.88 -2.41 0.00	42.40 -2.04 0.00	35.40 -1.36 0.00	32.99 -1.41 0.00	31.02 -1.39 -0.02	31.36 -1.14 -0.03	33.52 -1.47 0.00	36.44 -1.60 0.00	40.99 -2.07 0.00	49.80 -2.40 0.00	59.40 -2.86 0.00	53.70 -2.24 0.00	47.04 -1.91 0.00	42.56 -1.68 0.00	38.35 -2.10 0.00	36.69 -1.93 0.00	34.92 -1.42 0.00
STA_7___115KV_9TRANS 80674	28.78 -0.91 -0.37	26.66 -0.89 -0.54	26.47 -0.86 -0.51	26.51 -0.89 -0.37	28.00 -0.89 -0.24	31.52 -1.25 0.00	41.80 -1.47 0.00	49.24 -2.05 0.00	42.71 -1.73 0.00	35.62 -1.14 0.00	33.20 -1.20 0.00	31.18 -1.23 -0.02	31.55 -0.94 -0.03	33.73 -1.26 0.00	36.71 -1.33 0.00	41.29 -1.77 0.00	50.16 -2.04 0.00	59.90 -2.37 0.00	54.21 -1.73 0.00	47.43 -1.52 0.00	42.91 -1.33 0.00	38.64 -1.82 0.00	36.92 -1.70 0.00	35.14 -1.20 0.00
STA_82___115KV_TB1 80780	28.67 -1.03 -0.38	26.53 -1.03 -0.55	26.36 -0.97 -0.51	26.40 -1.00 -0.37	27.85 -1.03 -0.24	31.39 -1.38 0.00	41.54 -1.73 0.00	48.88 -2.41 0.00	42.44 -2.00 0.00	35.40 -1.36 0.00	32.99 -1.41 0.00	31.02 -1.39 -0.02	31.39 -1.10 -0.03	33.52 -1.47 0.00	36.44 -1.60 0.00	40.99 -2.07 0.00	49.80 -2.40 0.00	59.40 -2.86 0.00	53.76 -2.18 0.00	47.04 -1.91 0.00	42.56 -1.68 0.00	38.35 -2.10 0.00	36.73 -1.89 0.00	34.92 -1.42 0.00
STEEL___WIND 323596	27.62 -2.20 -0.50	25.55 -2.19 -0.73	25.35 -2.15 -0.68	25.47 -2.06 -0.49	26.76 -2.21 -0.32	30.83 -1.93 0.00	41.24 -2.03 0.00	47.85 -3.44 0.00	41.78 -2.67 0.00	35.25 -1.51 0.00	32.72 -1.69 0.00	30.57 -1.84 -0.03	30.29 -2.21 -0.04	33.13 -1.86 0.00	36.18 -1.86 0.00	40.43 -2.63 0.00	49.17 -3.03 0.00	58.65 -3.61 0.00	53.09 -2.85 0.00	46.60 -2.35 0.00	42.34 -1.90 0.00	38.07 -2.39 0.00	36.69 -1.93 0.00	35.03 -1.31 0.00
STEPHTWN_115KV_BK_2 55603	34.14 0.82 -4.00	33.55 0.73 -5.81	32.98 0.75 -5.41	31.74 0.78 -3.92	32.04 0.83 -2.56	33.78 1.02 0.00	44.66 1.38 0.00	52.98 1.69 0.00	45.87 1.42 0.00	37.87 1.10 0.00	36.33 1.44 -0.48	34.68 1.33 -0.97	34.60 1.33 -0.81	36.42 1.43 0.00	39.56 1.52 0.00	44.48 1.42 0.00	53.76 1.57 0.00	64.13 1.87 0.00	57.57 1.62 0.00	50.36 1.42 0.00	45.53 1.28 0.00	41.96 1.50 0.00	40.20 1.58 0.00	37.76 1.42 0.00
STEUBEN_REC_LFGE 323667	27.95 -2.05 -0.69	26.12 -1.89 -1.00	25.87 -1.88 -0.93	25.87 -1.84 -0.68	27.22 -1.86 -0.44	31.62 -1.15 0.00	42.32 -0.95 0.00	50.21 -1.08 0.00	43.64 -0.80 0.00	36.47 -0.29 0.00	33.75 -0.65 0.00	31.68 -0.74 -0.04	31.29 -1.23 -0.06	34.32 -0.66 0.00	37.47 -0.57 0.00	42.15 -0.90 0.00	51.41 -0.78 0.00	61.95 -0.31 0.00	56.00 0.06 0.00	48.94 0.00 0.00	44.37 0.13 0.00	39.77 -0.69 0.00	38.04 -0.58 0.00	36.23 -0.11 0.00
STILLWATER___SOLAR 323814	34.95 1.52 -4.11	34.39 1.40 -5.97	33.74 1.37 -5.56	32.41 1.35 -4.03	32.71 1.43 -2.63	34.53 1.77 0.00	45.78 2.51 0.00	54.31 3.03 0.00	46.98 2.53 0.00	38.67 1.91 0.00	36.63 1.79 -0.44	34.95 1.65 -0.92	34.83 1.59 -0.78	36.74 1.75 0.00	40.06 2.01 0.00	45.47 2.41 0.00	55.07 2.87 0.00	65.69 3.42 0.00	59.02 3.07 0.00	51.54 2.59 0.00	46.59 2.34 0.00	42.68 2.22 0.00	40.67 2.05 0.00	38.19 1.85 0.00
STONY___BROOK 24151	34.84 2.14 -3.39	33.82 1.89 -4.92	32.95 1.56 -4.58	31.76 1.40 -3.32	32.45 1.63 -2.17	35.45 2.69 0.00	47.31 4.03 -0.01	55.60 4.31 0.00	48.67 4.22 0.00	40.45 3.68 -0.01	39.17 3.37 -1.39	37.92 3.21 -2.33	37.32 3.18 -1.67	38.46 3.46 -0.01	45.38 3.77 -3.57	49.26 4.22 -1.98	57.21 4.59 -0.42	67.51 5.23 -0.01	61.11 4.75 -0.41	59.03 4.35 -5.73	56.18 3.94 -8.00	47.95 3.56 -3.94	41.91 3.28 -0.01	39.03 2.69 0.00
STURGEON_POOL_HYD 23609	34.03 1.29 -3.42	33.09 1.11 -4.97	32.46 1.02 -4.62	31.36 0.97 -3.35	31.89 1.06 -2.19	34.37 1.61 0.00	45.83 2.55 0.00	54.26 2.97 0.00	47.20 2.76 0.00	38.93 2.17 0.00	37.21 1.93 -0.87	35.70 1.78 -1.54	35.40 1.79 -1.15	36.91 1.92 0.00	40.21 2.17 0.00	45.73 2.67 0.00	55.02 2.82 0.00	65.56 3.30 0.00	58.80 2.85 0.00	51.59 2.64 0.00	46.37 2.12 0.00	42.60 2.14 0.00	40.47 1.85 0.00	37.97 1.64 0.00
ST_LAW_115_BK7_LBMP 345037	9.71 -2.81 16.79	5.76 -2.59 18.65	5.56 -2.60 18.66	5.86 -2.62 18.55	6.82 -2.81 19.02	19.65 -3.41 9.70	39.08 -4.20 0.00	46.46 -4.82 0.00	39.69 -4.75 0.00	32.42 -4.34 0.01	30.51 -3.89 0.01	18.38 -3.60 10.41	26.84 -3.47 2.15	31.17 -3.81 0.01	34.24 -3.80 0.00	39.31 -3.75 0.00	48.23 -3.97 0.00	57.59 -4.67 0.00	51.86 -4.08 0.00	45.03 -3.92 0.00	41.46 -2.79 0.00	37.18 -3.28 0.00	36.19 -2.43 0.00	34.59 -1.74 0.00

ST_LAW_115_BK8_LBMP 345038	9.71 -2.81 16.79	5.76 -2.59 18.65	5.56 -2.60 18.66	5.86 -2.62 18.55	6.82 -2.81 19.02	19.65 -3.41 9.70	39.08 -4.20 0.00	46.46 -4.82 0.00	39.69 -4.75 0.00	32.42 -4.34 0.01	30.51 -3.89 0.01	18.38 -3.60 10.41	26.84 -3.47 2.15	31.17 -3.81 0.01	34.24 -3.80 0.00	39.31 -3.75 0.00	48.23 -3.97 0.00	57.59 -4.67 0.00	51.86 -4.08 0.00	45.03 -3.92 0.00	41.46 -2.79 0.00	37.18 -3.28 0.00	36.19 -2.43 0.00	34.59 -1.74 0.00
ST_LAW_230_BK5_LBMP 345035	9.40 -2.79 17.13	5.41 -2.57 19.03	5.21 -2.57 19.04	5.51 -2.60 18.93	6.46 -2.78 19.40	19.49 -3.37 9.90	39.08 -4.20 0.00	46.46 -4.82 0.00	39.73 -4.71 0.00	32.49 -4.26 0.01	30.54 -3.85 0.01	18.20 -3.56 10.62	26.83 -3.44 2.19	31.20 -3.78 0.01	34.27 -3.77 0.00	39.35 -3.70 0.00	48.28 -3.92 0.00	57.66 -4.61 0.00	51.86 -4.08 0.00	45.08 -3.87 0.00	41.46 -2.79 0.00	37.22 -3.24 0.00	36.23 -2.39 0.00	34.63 -1.71 0.00
ST_LAW_230_BK6_LBMP 345036	9.40 -2.79 17.13	5.41 -2.57 19.03	5.21 -2.57 19.04	5.51 -2.60 18.93	6.46 -2.78 19.40	19.49 -3.37 9.90	39.08 -4.20 0.00	46.46 -4.82 0.00	39.73 -4.71 0.00	32.49 -4.26 0.01	30.54 -3.85 0.01	18.20 -3.56 10.62	26.83 -3.44 2.19	31.20 -3.78 0.01	34.27 -3.77 0.00	39.35 -3.70 0.00	48.28 -3.92 0.00	57.66 -4.61 0.00	51.86 -4.08 0.00	45.08 -3.87 0.00	41.46 -2.79 0.00	37.22 -3.24 0.00	36.23 -2.39 0.00	34.63 -1.71 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.88 1.41 -3.15	32.80 1.22 -4.58	32.21 1.13 -4.26	31.23 1.11 -3.09	31.87 1.20 -2.02	34.34 1.57 0.00	45.70 2.42 0.00	54.21 2.92 0.00	47.11 2.67 0.00	38.93 2.17 0.00	38.15 2.00 -1.75	37.09 1.85 -2.86	36.28 1.82 -2.00	36.98 1.99 0.00	40.21 2.17 0.00	45.60 2.54 0.00	54.91 2.71 0.00	65.50 3.24 0.00	58.74 2.80 0.00	51.49 2.55 0.00	46.37 2.12 0.00	42.56 2.10 0.00	40.51 1.89 0.00	37.97 1.64 0.00
SWANROAD_115KV_TB1 355699	27.17 -2.61 -0.46	25.12 -2.57 -0.67	24.90 -2.55 -0.63	24.97 -2.51 -0.45	26.34 -2.61 -0.30	29.91 -2.85 0.00	39.55 -3.72 0.00	45.90 -5.39 0.00	40.04 -4.40 0.00	33.78 -2.98 0.00	31.45 -2.96 0.00	29.50 -2.91 -0.03	29.58 -2.92 -0.04	31.80 -3.18 0.00	34.65 -3.39 0.00	38.67 -4.39 0.00	46.87 -5.32 0.00	55.85 -6.41 0.00	50.68 -5.26 0.00	44.49 -4.45 0.00	40.39 -3.85 0.00	36.09 -4.37 0.00	34.87 -3.75 0.00	33.69 -2.65 0.00
SYNERGY___BIOGAS 323694	28.45 -1.29 -0.43	26.33 -1.30 -0.62	26.19 -1.21 -0.58	26.23 -1.22 -0.42	27.60 -1.32 -0.27	31.23 -1.54 0.00	41.85 -1.43 0.00	48.88 -2.41 0.00	42.49 -1.95 0.00	35.55 -1.21 0.00	32.99 -1.41 0.00	30.95 -1.46 -0.03	31.10 -1.39 -0.03	33.48 -1.50 0.00	36.52 -1.52 0.00	40.95 -2.11 0.00	49.85 -2.35 0.00	59.28 -2.99 0.00	53.82 -2.13 0.00	47.18 -1.76 0.00	42.74 -1.50 0.00	38.48 -1.98 0.00	36.92 -1.70 0.00	35.10 -1.24 0.00
SYRACUSE___ENERGY_ST1 323597	29.20 -0.15 -0.04	27.05 -0.11 -0.15	26.83 -0.11 -0.12	26.90 -0.14 0.00	28.38 -0.14 0.12	32.44 -0.16 0.16	42.97 -0.30 0.00	50.93 -0.36 0.00	44.13 -0.31 0.00	36.54 -0.22 0.00	34.10 -0.31 0.00	31.94 -0.29 0.15	32.16 -0.29 0.01	34.71 -0.28 0.00	37.70 -0.34 0.00	42.63 -0.43 0.00	51.73 -0.47 0.00	61.83 -0.44 0.00	55.61 -0.34 0.00	48.55 -0.39 0.00	43.84 -0.40 0.00	39.93 -0.53 0.00	38.08 -0.54 0.00	35.87 -0.47 0.00
SYRACUSE___ENERGY_ST2 323598	29.20 -0.15 -0.04	27.05 -0.11 -0.15	26.83 -0.11 -0.12	26.90 -0.14 0.00	28.38 -0.14 0.12	32.44 -0.16 0.16	42.97 -0.30 0.00	50.93 -0.36 0.00	44.13 -0.31 0.00	36.54 -0.22 0.00	34.10 -0.31 0.00	31.94 -0.29 0.15	32.16 -0.29 0.01	34.71 -0.28 0.00	37.70 -0.34 0.00	42.63 -0.43 0.00	51.73 -0.47 0.00	61.83 -0.44 0.00	55.61 -0.34 0.00	48.55 -0.39 0.00	43.84 -0.40 0.00	39.93 -0.53 0.00	38.08 -0.54 0.00	35.87 -0.47 0.00
SYRACUSE___POWER 24017	29.15 -0.21 -0.04	26.98 -0.19 -0.16	26.76 -0.19 -0.13	26.85 -0.19 -0.01	28.30 -0.23 0.12	32.37 -0.23 0.17	42.93 -0.35 0.00	50.88 -0.41 0.00	44.04 -0.40 0.00	36.51 -0.26 0.00	34.06 -0.34 0.00	31.91 -0.32 0.15	32.10 -0.36 0.01	34.64 -0.35 0.00	37.66 -0.38 0.00	42.54 -0.52 0.00	51.68 -0.52 0.00	61.77 -0.50 0.00	55.55 -0.39 0.00	48.50 -0.44 0.00	43.84 -0.40 0.00	39.93 -0.53 0.00	38.08 -0.54 0.00	35.83 -0.51 0.00
TALLMAN___138KV_BK151 55660	34.08 1.52 -3.24	33.04 1.32 -4.70	32.38 1.18 -4.38	31.40 1.19 -3.18	31.98 1.26 -2.07	34.47 1.70 0.00	45.91 2.64 0.00	54.47 3.18 0.00	47.42 2.98 0.00	39.23 2.46 0.00	38.78 2.27 -2.10	37.90 2.11 -3.41	36.90 2.08 -2.36	37.26 2.27 0.00	40.47 2.43 0.00	45.86 2.80 0.00	55.23 3.03 0.00	65.87 3.61 0.00	59.08 3.13 0.00	51.73 2.79 0.00	46.59 2.34 0.00	42.76 2.31 0.00	40.75 2.12 0.00	38.12 1.78 0.00
TEALLAVE_115KV_TB7 355573	28.97 -0.29 0.05	26.80 -0.24 -0.04	26.59 -0.24 -0.01	26.67 -0.27 0.09	28.16 -0.29 0.20	32.25 -0.33 0.19	42.76 -0.52 0.00	50.67 -0.62 0.00	43.91 -0.53 0.00	36.39 -0.37 0.00	33.96 -0.45 0.00	31.78 -0.42 0.19	32.02 -0.42 0.02	34.57 -0.42 0.00	37.55 -0.49 0.00	42.41 -0.65 0.00	51.41 -0.78 0.00	61.45 -0.81 0.00	55.27 -0.67 0.00	48.26 -0.69 0.00	43.62 -0.62 0.00	39.73 -0.73 0.00	37.89 -0.73 0.00	35.68 -0.65 0.00
TELGRAPH_34_KV_EAST 80808	27.97 -1.79 -0.44	25.86 -1.78 -0.64	25.67 -1.74 -0.59	25.73 -1.73 -0.43	27.15 -1.78 -0.28	30.90 -1.87 0.00	41.07 -2.21 0.00	47.90 -3.39 0.00	41.69 -2.76 0.00	35.00 -1.76 0.00	32.55 -1.86 0.00	30.50 -1.91 -0.03	30.62 -1.88 -0.04	32.99 -1.99 0.00	35.95 -2.09 0.00	40.26 -2.80 0.00	48.86 -3.34 0.00	57.97 -4.30 0.00	52.59 -3.36 0.00	46.15 -2.79 0.00	41.81 -2.43 0.00	37.38 -3.07 0.00	35.96 -2.66 0.00	34.56 -1.78 0.00
TEMPLE___115KV_TB 2 55572	29.01 -0.26 0.04	26.82 -0.24 -0.05	26.60 -0.24 -0.02	26.71 -0.24 0.08	28.17 -0.29 0.18	32.28 -0.29 0.19	42.80 -0.48 0.00	50.72 -0.56 0.00	43.96 -0.49 0.00	36.39 -0.37 0.00	33.99 -0.41 0.00	31.81 -0.39 0.18	32.06 -0.39 0.02	34.57 -0.42 0.00	37.58 -0.46 0.00	42.45 -0.60 0.00	51.47 -0.73 0.00	61.52 -0.75 0.00	55.33 -0.62 0.00	48.31 -0.64 0.00	43.67 -0.58 0.00	39.77 -0.69 0.00	37.93 -0.70 0.00	35.68 -0.65 0.00
TIANA____69_KV_BK 1 55817	35.02 2.32 -3.39	33.79 1.86 -4.92	32.96 1.56 -4.58	31.76 1.41 -3.32	32.53 1.72 -2.17	35.52 2.75 0.00	47.31 4.02 -0.01	55.29 4.00 0.00	48.62 4.18 0.00	40.48 3.71 -0.01	39.03 3.23 -1.39	37.95 3.24 -2.33	37.35 3.21 -1.67	38.53 3.53 -0.01	45.40 3.80 -3.55	48.94 3.92 -1.97	56.79 4.18 -0.41	67.01 4.73 -0.01	60.66 4.31 -0.41	58.71 4.06 -5.71	56.10 3.89 -7.96	47.90 3.52 -3.92	41.95 3.32 -0.01	38.92 2.58 0.00
TILDEN___115KV_TB1 80814	29.15 -0.21 -0.04	26.98 -0.19 -0.16	26.76 -0.19 -0.13	26.85 -0.19 -0.01	28.30 -0.23 0.12	32.37 -0.23 0.17	42.93 -0.35 0.00	50.88 -0.41 0.00	44.04 -0.40 0.00	36.51 -0.26 0.00	34.06 -0.34 0.00	31.91 -0.32 0.15	32.10 -0.36 0.01	34.64 -0.35 0.00	37.66 -0.38 0.00	42.54 -0.52 0.00	51.68 -0.52 0.00	61.77 -0.50 0.00	55.55 -0.39 0.00	48.50 -0.44 0.00	43.84 -0.40 0.00	39.93 -0.53 0.00	38.08 -0.54 0.00	35.83 -0.51 0.00

TRIGEN___CC 323695	34.70 1.99 -3.39	33.55 1.62 -4.92	32.79 1.39 -4.58	31.65 1.30 -3.32	32.33 1.52 -2.17	35.03 2.26 0.00	46.67 3.38 -0.02	54.88 3.59 0.00	47.96 3.51 0.00	39.87 3.09 -0.02	38.65 2.86 -1.39	37.43 2.72 -2.33	36.84 2.69 -1.68	37.91 2.90 -0.02	47.40 3.08 -6.28	50.06 3.53 -3.47	56.74 3.81 -0.73	66.58 4.30 -0.02	60.41 3.75 -0.72	62.55 3.52 -10.08	61.32 3.01 -14.07	50.41 3.03 -6.92	41.46 2.82 -0.02	38.56 2.22 0.00
TRINITY___115KV___4 BK 55933	33.88 0.56 -4.01	33.32 0.49 -5.82	32.75 0.51 -5.42	31.53 0.57 -3.93	31.81 0.60 -2.57	33.45 0.69 0.00	44.18 0.91 0.00	52.37 1.08 0.00	45.38 0.93 0.00	37.53 0.77 0.00	36.05 1.17 -0.48	34.42 1.07 -0.96	34.34 1.07 -0.81	36.14 1.15 0.00	39.22 1.18 0.00	44.09 1.03 0.00	53.19 0.99 0.00	63.32 1.06 0.00	56.84 0.90 0.00	49.73 0.78 0.00	44.99 0.75 0.00	41.51 1.05 0.00	39.82 1.20 0.00	37.39 1.05 0.00
UNION___PROCESSING_DRP 323587	28.67 -1.03 -0.38	26.56 -1.00 -0.55	26.36 -0.97 -0.51	26.40 -1.00 -0.37	27.88 -1.00 -0.24	31.39 -1.38 0.00	41.59 -1.69 0.00	48.93 -2.36 0.00	42.44 -2.00 0.00	35.40 -1.36 0.00	32.99 -1.41 0.00	31.02 -1.39 -0.02	31.39 -1.10 -0.03	33.52 -1.47 0.00	36.48 -1.56 0.00	41.03 -2.02 0.00	49.80 -2.40 0.00	59.40 -2.86 0.00	53.76 -2.18 0.00	47.08 -1.86 0.00	42.56 -1.68 0.00	38.35 -2.10 0.00	36.73 -1.89 0.00	34.92 -1.42 0.00
UPPER HUDSON___HYD 24058	35.33 1.88 -4.13	34.71 1.70 -6.00	34.04 1.64 -5.58	32.70 1.62 -4.05	32.98 1.69 -2.64	34.89 2.13 0.00	46.39 3.12 0.00	55.08 3.80 0.00	47.60 3.16 0.00	39.04 2.28 0.00	36.93 2.10 -0.43	35.16 1.88 -0.90	35.05 1.82 -0.77	36.98 1.99 0.00	40.36 2.32 0.00	45.85 2.80 0.00	55.64 3.44 0.00	66.50 4.24 0.00	59.80 3.86 0.00	52.22 3.28 0.00	47.16 2.92 0.00	43.09 2.63 0.00	40.98 2.36 0.00	38.56 2.22 0.00
UPPER RAQUET___HYD 24056	13.46 -2.43 13.42	9.86 -2.27 14.88	9.70 -2.23 14.90	9.95 -2.24 14.83	11.00 -2.41 15.23	22.09 -2.88 7.80	39.86 -3.42 0.00	47.55 -3.74 0.00	40.58 -3.87 0.00	33.04 -3.71 0.01	31.03 -3.37 0.01	20.88 -3.14 8.36	27.72 -3.02 1.72	31.69 -3.29 0.01	34.85 -3.20 0.00	40.04 -3.02 0.00	49.28 -2.92 0.00	58.90 -3.36 0.00	53.09 -2.85 0.00	46.06 -2.89 0.00	42.39 -1.86 0.00	37.95 -2.51 0.00	36.81 -1.81 0.00	35.10 -1.24 0.00
VALLEY44_115KV_TB2 355964	27.03 -2.84 -0.55	25.00 -2.81 -0.81	24.70 -2.87 -0.75	24.82 -2.76 -0.54	26.14 -2.86 -0.35	31.59 -1.18 0.00	42.15 -1.13 0.00	49.29 -2.00 0.00	42.93 -1.51 0.00	36.25 -0.51 0.00	33.41 -1.00 0.00	31.22 -1.20 -0.03	29.88 -2.63 -0.05	33.73 -1.26 0.00	36.75 -1.29 0.00	40.99 -2.07 0.00	49.95 -2.24 0.00	60.08 -2.18 0.00	54.15 -1.79 0.00	47.43 -1.52 0.00	43.14 -1.11 0.00	38.60 -1.86 0.00	36.92 -1.70 0.00	35.43 -0.91 0.00
VALLEY___115KV_TB 1-4 80826	28.99 -0.32 0.00	26.71 -0.30 0.00	26.53 -0.30 0.00	26.73 -0.30 0.00	28.33 -0.32 0.00	32.44 -0.33 0.00	42.93 -0.35 0.00	51.08 -0.21 0.00	44.31 -0.13 0.00	36.62 -0.15 0.00	34.30 -0.10 0.00	32.26 -0.13 0.00	32.37 -0.10 0.00	34.88 -0.10 0.00	38.00 -0.04 0.00	43.19 0.13 0.00	52.46 0.26 0.00	62.70 0.44 0.00	56.39 0.45 0.00	49.34 0.39 0.00	44.60 0.35 0.00	40.82 0.36 0.00	38.97 0.35 0.00	36.67 0.33 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.95 1.26 -1.38	30.22 1.22 -2.00	29.92 1.23 -1.86	29.65 1.27 -1.35	30.84 1.32 -0.88	34.37 1.61 0.00	45.66 2.38 0.00	54.42 3.13 0.00	47.11 2.67 0.00	38.89 2.13 0.00	36.04 1.89 0.25	33.76 1.68 0.31	33.95 1.62 0.14	36.88 1.89 0.00	40.13 2.09 0.00	45.51 2.45 0.00	55.28 3.08 0.00	66.00 3.74 0.00	59.30 3.36 0.00	51.83 2.89 0.00	46.76 2.52 0.00	42.76 2.31 0.00	40.59 1.97 0.00	38.19 1.85 0.00
VISCHER___FERRY HYD 24020	34.55 1.17 -4.06	33.98 1.08 -5.89	33.38 1.07 -5.48	32.09 1.08 -3.98	32.39 1.15 -2.60	34.17 1.41 0.00	45.18 1.90 0.00	53.60 2.31 0.00	46.40 1.95 0.00	38.31 1.54 0.00	36.39 1.51 -0.47	34.77 1.42 -0.96	34.67 1.39 -0.81	36.53 1.54 0.00	39.68 1.63 0.00	44.95 1.89 0.00	54.39 2.19 0.00	64.69 2.43 0.00	58.07 2.13 0.00	50.80 1.86 0.00	45.92 1.68 0.00	42.20 1.74 0.00	40.28 1.66 0.00	37.79 1.46 0.00
V_A_10_SYNC_DSASP 323832	28.09 -1.64 -0.41	25.99 -1.62 -0.60	25.77 -1.61 -0.56	25.87 -1.57 -0.41	27.22 -1.69 -0.26	30.44 -2.33 0.00	40.50 -2.77 0.00	47.14 -4.15 0.00	41.06 -3.38 0.00	34.56 -2.20 0.00	32.13 -2.27 0.00	30.27 -2.14 -0.02	30.58 -1.92 -0.04	32.54 -2.45 0.00	35.42 -2.62 0.00	39.65 -3.40 0.00	48.13 -4.07 0.00	57.28 -4.98 0.00	51.91 -4.03 0.00	45.47 -3.47 0.00	41.28 -2.96 0.00	37.30 -3.16 0.00	35.92 -2.70 0.00	34.16 -2.18 0.00
V_CMM_10_SYNC_DSASP 323787	9.82 -2.70 16.79	5.87 -2.48 18.65	5.69 -2.47 18.66	5.99 -2.49 18.55	6.96 -2.66 19.02	19.82 -3.24 9.70	39.29 -3.98 0.00	46.72 -4.56 0.00	39.91 -4.53 0.00	32.60 -4.15 0.01	30.68 -3.72 0.01	18.54 -3.43 10.41	27.00 -3.31 2.15	31.34 -3.64 0.01	34.43 -3.61 0.00	39.53 -3.53 0.00	48.54 -3.66 0.00	57.97 -4.30 0.00	52.14 -3.81 0.00	45.27 -3.67 0.00	41.68 -2.57 0.00	37.38 -3.08 0.00	36.38 -2.24 0.00	34.78 -1.56 0.00
V_CMP_10_SYNC_DSASP 323788	9.57 -2.90 16.84	5.57 -2.73 18.71	5.37 -2.74 18.72	5.64 -2.78 18.61	6.53 -3.04 19.08	19.33 -3.70 9.73	38.77 -4.50 0.00	46.16 -5.13 0.00	39.47 -4.98 0.00	32.19 -4.56 0.01	30.20 -4.20 0.01	18.06 -3.89 10.44	26.61 -3.70 2.15	30.99 -3.99 0.01	34.20 -3.84 0.00	39.53 -3.53 0.00	48.70 -3.50 0.00	58.22 -4.05 0.00	52.42 -3.52 0.00	45.52 -3.43 0.00	41.99 -2.25 0.00	37.59 -2.87 0.00	36.69 -1.93 0.00	35.14 -1.20 0.00
V_D_10_SYNC_DSASP 323841	10.58 -2.52 16.22	6.66 -2.35 17.99	6.48 -2.33 18.01	6.76 -2.35 17.92	7.76 -2.49 18.39	20.32 -3.05 9.40	39.55 -3.72 0.00	47.08 -4.20 0.00	40.22 -4.22 0.00	32.82 -3.93 0.01	30.85 -3.54 0.01	19.06 -3.24 10.08	27.27 -3.12 2.08	31.55 -3.43 0.01	34.65 -3.39 0.00	39.83 -3.23 0.00	48.91 -3.29 0.00	58.40 -3.86 0.00	52.59 -3.36 0.00	45.61 -3.33 0.00	42.03 -2.21 0.00	37.62 -2.83 0.00	36.61 -2.01 0.00	34.99 -1.34 0.00
V_E_10_SYNC_DSASP 323830	32.00 1.70 -0.98	30.08 1.65 -1.43	29.79 1.64 -1.33	29.70 1.70 -0.96	31.02 1.75 -0.63	35.06 2.29 0.00	47.08 3.81 0.00	56.52 5.23 0.00	48.49 4.04 0.00	39.67 2.90 0.00	36.59 2.37 0.19	34.17 2.01 0.23	34.34 1.98 0.10	37.51 2.52 0.00	41.04 3.00 0.00	46.76 3.70 0.00	57.42 5.22 0.00	68.93 6.67 0.00	62.04 6.10 0.00	53.99 5.04 0.00	48.71 4.47 0.00	44.18 3.72 0.00	41.67 3.05 0.00	39.25 2.91 0.00
V_F_30_NSYNC___DSASP 323816	34.99 1.55 -4.12	34.40 1.40 -5.99	33.76 1.37 -5.57	32.42 1.35 -4.04	32.71 1.43 -2.64	34.53 1.77 0.00	45.78 2.51 0.00	54.37 3.08 0.00	46.98 2.53 0.00	38.67 1.91 0.00	36.63 1.79 -0.44	34.95 1.65 -0.91	34.86 1.62 -0.78	36.77 1.78 0.00	40.06 2.01 0.00	45.47 2.41 0.00	55.07 2.87 0.00	65.75 3.48 0.00	59.07 3.13 0.00	51.59 2.64 0.00	46.63 2.39 0.00	42.68 2.22 0.00	40.71 2.08 0.00	38.19 1.85 0.00

V_F_30_SYNC_DSASP 323786	33.97 0.62 -4.04	33.44 0.57 -5.87	32.87 0.59 -5.46	31.61 0.62 -3.96	31.89 0.66 -2.58	33.55 0.79 0.00	44.31 1.04 0.00	52.52 1.23 0.00	45.51 1.07 0.00	37.65 0.88 0.00	36.14 1.27 -0.47	34.53 1.20 -0.95	34.43 1.17 -0.80	36.25 1.26 0.00	39.37 1.33 0.00	44.22 1.16 0.00	53.40 1.20 0.00	63.63 1.37 0.00	57.06 1.12 0.00	49.92 0.98 0.00	45.17 0.93 0.00	41.63 1.17 0.00	39.93 1.31 0.00	37.50 1.16 0.00
V_XM_10_SYNC_DSASP 323789	9.57 -2.90 16.84	5.57 -2.73 18.71	5.37 -2.74 18.72	5.64 -2.78 18.61	6.53 -3.04 19.08	19.33 -3.70 9.73	38.77 -4.50 0.00	46.16 -5.13 0.00	39.47 -4.98 0.00	32.19 -4.56 0.01	30.20 -4.20 0.01	18.06 -3.89 10.44	26.61 -3.70 2.15	30.99 -3.99 0.01	34.20 -3.84 0.00	39.53 -3.53 0.00	48.70 -3.50 0.00	58.22 -4.05 0.00	52.42 -3.52 0.00	45.52 -3.43 0.00	41.99 -2.25 0.00	37.59 -2.87 0.00	36.69 -1.93 0.00	35.14 -1.20 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.19 1.61 -3.26	33.15 1.40 -4.73	32.48 1.26 -4.40	31.47 1.24 -3.19	32.08 1.35 -2.08	34.57 1.80 0.00	46.04 2.77 0.00	54.62 3.33 0.00	47.56 3.11 0.00	39.34 2.57 0.00	38.68 2.34 -1.94	37.71 2.17 -3.15	36.80 2.14 -2.19	37.33 2.34 0.00	40.59 2.55 0.00	46.03 2.97 0.00	55.43 3.24 0.00	66.12 3.86 0.00	59.24 3.30 0.00	51.93 2.99 0.00	46.76 2.52 0.00	42.93 2.47 0.00	40.86 2.24 0.00	38.23 1.89 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.61 1.91 -3.39	33.55 1.62 -4.92	32.90 1.50 -4.58	31.78 1.43 -3.32	32.36 1.55 -2.17	34.80 2.03 0.00	46.43 3.16 0.00	55.08 3.80 0.00	48.00 3.56 0.00	39.74 2.98 0.00	38.66 2.86 -1.40	37.37 2.66 -2.33	36.73 2.60 -1.67	37.86 2.87 0.00	41.12 3.08 0.00	46.59 3.53 0.00	56.06 3.86 0.00	66.75 4.48 0.00	59.80 3.86 0.00	52.47 3.52 0.00	47.12 2.88 0.00	43.37 2.91 0.00	41.21 2.59 0.00	38.56 2.22 0.00
W50THST__13_KV_LOAD 356117	34.73 2.02 -3.39	33.66 1.73 -4.92	32.98 1.58 -4.58	31.89 1.54 -3.32	32.47 1.66 -2.17	34.96 2.20 0.00	46.65 3.38 0.00	55.34 4.05 0.00	48.27 3.82 0.00	39.96 3.20 0.00	38.86 3.06 -1.40	37.57 2.85 -2.33	36.92 2.79 -1.67	38.07 3.08 0.00	41.31 3.27 0.00	46.80 3.75 0.00	56.37 4.18 0.00	67.06 4.79 0.00	60.14 4.20 0.00	52.71 3.77 0.00	47.34 3.10 0.00	43.57 3.12 0.00	41.36 2.74 0.00	38.74 2.40 0.00
WADING RIVER_IC_1 23522	34.64 1.93 -3.39	33.66 1.73 -4.92	32.79 1.39 -4.58	31.57 1.22 -3.32	32.25 1.43 -2.17	35.25 2.49 0.00	47.05 3.76 -0.01	55.24 3.95 0.00	48.62 4.18 0.00	40.41 3.64 -0.01	39.07 3.27 -1.39	37.85 3.14 -2.33	37.25 3.12 -1.67	38.39 3.39 -0.01	45.28 3.69 -3.55	48.68 3.66 -1.97	56.21 3.60 -0.41	66.38 4.11 -0.01	60.16 3.81 -0.41	58.17 3.53 -5.70	55.74 3.54 -7.96	47.41 3.04 -3.92	41.56 2.93 -0.01	38.67 2.33 0.00
WADING RIVER_IC_2 23547	34.64 1.93 -3.39	33.66 1.73 -4.92	32.79 1.39 -4.58	31.57 1.22 -3.32	32.25 1.43 -2.17	35.25 2.49 0.00	47.05 3.76 -0.01	55.24 3.95 0.00	48.62 4.18 0.00	40.41 3.64 -0.01	39.07 3.27 -1.39	37.85 3.14 -2.33	37.25 3.12 -1.67	38.39 3.39 -0.01	45.28 3.69 -3.55	48.68 3.66 -1.97	56.21 3.60 -0.41	66.38 4.11 -0.01	60.16 3.81 -0.41	58.17 3.53 -5.70	55.74 3.54 -7.96	47.41 3.04 -3.92	41.56 2.93 -0.01	38.67 2.33 0.00
WADING RIVER_IC_3 23601	34.64 1.93 -3.39	33.66 1.73 -4.92	32.79 1.39 -4.58	31.57 1.22 -3.32	32.25 1.43 -2.17	35.25 2.49 0.00	47.05 3.76 -0.01	55.24 3.95 0.00	48.62 4.18 0.00	40.41 3.64 -0.01	39.07 3.27 -1.39	37.85 3.14 -2.33	37.25 3.12 -1.67	38.39 3.39 -0.01	45.28 3.69 -3.55	48.68 3.66 -1.97	56.21 3.60 -0.41	66.38 4.11 -0.01	60.16 3.81 -0.41	58.17 3.53 -5.70	55.74 3.54 -7.96	47.41 3.04 -3.92	41.56 2.93 -0.01	38.67 2.33 0.00
WALDENNY_12_KV_BK2 80841	27.64 -2.17 -0.50	25.54 -2.19 -0.72	25.32 -2.17 -0.67	25.41 -2.11 -0.49	26.81 -2.15 -0.32	30.96 -1.80 0.00	41.15 -2.12 0.00	47.90 -3.39 0.00	41.78 -2.67 0.00	35.22 -1.54 0.00	32.75 -1.65 0.00	30.67 -1.75 -0.03	30.39 -2.11 -0.04	33.17 -1.82 0.00	36.18 -1.86 0.00	40.43 -2.63 0.00	49.07 -3.13 0.00	58.59 -3.67 0.00	53.03 -2.91 0.00	46.55 -2.40 0.00	42.25 -1.99 0.00	37.71 -2.75 0.00	36.34 -2.28 0.00	34.99 -1.34 0.00
WALDEN__HYDRO 24148	34.16 1.55 -3.29	33.16 1.38 -4.77	32.52 1.26 -4.44	31.50 1.24 -3.22	32.09 1.35 -2.10	34.53 1.77 0.00	46.00 2.73 0.00	54.52 3.23 0.00	47.38 2.93 0.00	39.08 2.32 0.00	38.19 2.10 -1.68	37.10 1.94 -2.77	36.32 1.92 -1.94	37.09 2.10 0.00	40.40 2.36 0.00	45.86 2.80 0.00	55.17 2.98 0.00	65.81 3.55 0.00	59.02 3.08 0.00	51.73 2.79 0.00	46.59 2.34 0.00	42.72 2.27 0.00	40.67 2.05 0.00	38.12 1.78 0.00
WARRENSBURG____ 23737	35.33 1.88 -4.13	34.71 1.70 -6.00	34.04 1.64 -5.58	32.70 1.62 -4.05	32.98 1.69 -2.64	34.89 2.13 0.00	46.39 3.12 0.00	55.08 3.80 0.00	47.60 3.16 0.00	39.04 2.28 0.00	36.93 2.10 -0.43	35.16 1.88 -0.90	35.05 1.82 -0.77	36.98 1.99 0.00	40.36 2.32 0.00	45.85 2.80 0.00	55.64 3.44 0.00	66.50 4.24 0.00	59.80 3.86 0.00	52.22 3.28 0.00	47.16 2.92 0.00	43.09 2.63 0.00	40.98 2.36 0.00	38.56 2.22 0.00
WATERSIDE____6 8 9 23538	34.76 2.05 -3.40	33.69 1.76 -4.93	33.02 1.61 -4.59	31.92 1.57 -3.32	32.47 1.66 -2.17	34.86 2.10 0.00	46.30 3.03 0.00	54.83 3.54 0.00	47.82 3.38 0.00	39.67 2.90 0.00	38.62 2.82 -1.39	37.34 2.62 -2.33	36.69 2.56 -1.66	37.86 2.87 0.00	41.05 3.01 0.00	46.50 3.44 0.00	55.90 3.71 0.00	66.56 4.30 0.00	59.69 3.75 0.00	52.37 3.43 0.00	46.99 2.74 0.00	43.41 2.95 0.00	41.32 2.70 0.00	38.78 2.43 -0.01
WATKINRD_115KV_LN8_ILLION 55919	29.20 -0.12 0.00	26.90 -0.11 0.00	26.71 -0.11 0.00	26.92 -0.11 0.00	28.56 -0.09 0.00	32.67 -0.10 0.00	43.19 -0.09 0.00	51.29 0.00 0.00	44.44 0.00 0.00	36.73 -0.04 0.00	34.40 0.00 0.00	32.35 -0.03 0.00	32.46 0.00 0.00	34.99 0.00 0.00	38.08 0.04 0.00	43.19 0.13 0.00	52.46 0.26 0.00	62.57 0.31 0.00	56.28 0.34 0.00	49.19 0.24 0.00	44.51 0.27 0.00	40.70 0.24 0.00	38.85 0.23 0.00	36.56 0.22 0.00
WATSON__69_KV_BK 1 55734	35.23 2.52 -3.39	33.98 2.05 -4.92	33.14 1.74 -4.58	31.97 1.62 -3.32	32.73 1.92 -2.17	35.71 2.95 0.00	47.61 4.33 -0.01	55.70 4.41 0.00	48.76 4.31 0.00	40.60 3.82 -0.01	39.27 3.47 -1.39	38.05 3.34 -2.33	37.45 3.31 -1.67	38.64 3.64 -0.01	45.63 3.92 -3.67	49.52 4.43 -2.03	57.64 5.01 -0.43	67.88 5.60 -0.01	61.46 5.09 -0.42	59.59 4.75 -5.89	56.67 4.20 -8.22	48.43 3.92 -4.05	42.18 3.55 -0.01	39.14 2.80 0.00
WDELAWARE__HYD 323627	33.49 1.20 -2.97	32.40 1.08 -4.31	31.82 0.99 -4.01	30.89 0.95 -2.91	31.63 1.09 -1.90	34.27 1.51 0.00	45.65 2.38 0.00	54.16 2.87 0.00	46.93 2.49 0.00	38.60 1.84 0.00	36.22 1.58 -0.23	34.33 1.42 -0.52	34.33 1.39 -0.47	36.56 1.58 0.00	39.90 1.86 0.00	45.42 2.37 0.00	55.07 2.87 0.00	65.81 3.55 0.00	59.02 3.07 0.00	51.73 2.79 0.00	46.54 2.30 0.00	42.60 2.14 0.00	40.47 1.85 0.00	38.05 1.71 0.00

WEST BABYLON___IC 23714	35.14 2.43 -3.39	33.93 2.00 -4.92	33.12 1.72 -4.58	31.95 1.59 -3.32	32.68 1.86 -2.17	35.62 2.85 0.00	47.48 4.20 -0.01	55.54 4.26 0.00	48.62 4.18 0.00	40.45 3.68 -0.01	39.17 3.37 -1.39	37.92 3.21 -2.33	37.32 3.18 -1.67	38.50 3.50 -0.01	45.76 3.80 -3.92	49.53 4.31 -2.17	57.51 4.85 -0.46	67.69 5.42 -0.01	61.32 4.92 -0.45	59.79 4.55 -6.30	57.01 3.98 -8.79	48.58 3.80 -4.32	42.11 3.48 -0.01	39.06 2.73 0.00
WEST CANADA___HYD 24049	29.29 -0.03 0.00	26.98 -0.03 0.00	26.79 -0.03 0.00	27.00 -0.03 0.00	28.62 -0.03 0.00	32.77 0.00 0.00	43.28 0.00 0.00	51.34 0.05 0.00	44.49 0.04 0.00	36.76 0.00 0.00	34.40 0.00 0.00	32.39 0.00 0.00	32.46 0.00 0.00	34.99 0.00 0.00	38.08 0.04 0.00	43.10 0.04 0.00	52.25 0.05 0.00	62.33 0.06 0.00	56.00 0.06 0.00	48.99 0.05 0.00	44.29 0.04 0.00	40.50 0.04 0.00	38.70 0.08 0.00	36.41 0.07 0.00
WESTERN_NY_WIND 24143	28.37 -1.38 -0.43	26.20 -1.43 -0.63	26.06 -1.34 -0.58	26.08 -1.38 -0.42	27.55 -1.37 -0.28	31.32 -1.44 0.00	41.67 -1.60 0.00	48.83 -2.46 0.00	42.40 -2.04 0.00	35.48 -1.29 0.00	32.96 -1.45 0.00	30.89 -1.52 -0.03	31.07 -1.43 -0.04	33.45 -1.54 0.00	36.48 -1.56 0.00	40.86 -2.20 0.00	49.69 -2.51 0.00	59.09 -3.18 0.00	53.70 -2.24 0.00	47.08 -1.86 0.00	42.61 -1.64 0.00	38.07 -2.39 0.00	36.54 -2.09 0.00	35.03 -1.31 0.00
WESTOVER___LESR 323668	30.41 0.06 -1.03	28.56 0.05 -1.50	28.24 0.03 -1.39	28.10 0.05 -1.01	29.33 0.03 -0.66	33.09 0.33 0.00	43.88 0.61 0.00	52.01 0.72 0.00	45.02 0.58 0.00	37.35 0.59 0.00	34.58 0.38 0.20	32.46 0.32 0.25	32.48 0.13 0.11	35.37 0.38 0.00	38.42 0.38 0.00	43.40 0.34 0.00	52.77 0.57 0.00	63.14 0.87 0.00	56.78 0.84 0.00	49.63 0.69 0.00	44.86 0.62 0.00	40.82 0.36 0.00	38.89 0.27 0.00	36.67 0.33 0.00
WETHRSFD_WT_PWR 323626	27.52 -2.37 -0.57	25.57 -2.27 -0.83	25.34 -2.25 -0.77	25.40 -2.19 -0.56	26.72 -2.29 -0.37	30.70 -2.06 0.00	41.11 -2.16 0.00	48.11 -3.18 0.00	41.91 -2.53 0.00	35.22 -1.54 0.00	32.61 -1.79 0.00	30.61 -1.81 -0.03	30.40 -2.11 -0.05	33.20 -1.78 0.00	36.25 -1.79 0.00	40.65 -2.41 0.00	49.48 -2.72 0.00	59.21 -3.05 0.00	53.60 -2.35 0.00	47.04 -1.91 0.00	42.69 -1.55 0.00	38.48 -1.98 0.00	36.96 -1.66 0.00	35.21 -1.13 0.00
WHAVSTOR_138KV_BK127 55557	34.10 1.52 -3.26	33.07 1.32 -4.74	32.41 1.18 -4.41	31.42 1.19 -3.20	31.99 1.26 -2.09	34.47 1.70 0.00	45.87 2.60 0.00	54.47 3.18 0.00	47.38 2.93 0.00	39.19 2.43 0.00	38.59 2.27 -1.92	37.61 2.11 -3.12	36.68 2.05 -2.17	37.26 2.27 0.00	40.47 2.43 0.00	45.86 2.80 0.00	55.23 3.03 0.00	65.87 3.61 0.00	59.02 3.08 0.00	51.73 2.79 0.00	46.59 2.34 0.00	42.76 2.31 0.00	40.71 2.09 0.00	38.12 1.78 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.10 1.52 -3.26	33.07 1.32 -4.74	32.41 1.18 -4.41	31.42 1.19 -3.20	31.99 1.26 -2.09	34.47 1.70 0.00	45.87 2.60 0.00	54.47 3.18 0.00	47.38 2.93 0.00	39.19 2.43 0.00	38.59 2.27 -1.92	37.61 2.11 -3.12	36.68 2.05 -2.17	37.26 2.27 0.00	40.47 2.43 0.00	45.86 2.80 0.00	55.23 3.03 0.00	65.87 3.61 0.00	59.02 3.08 0.00	51.73 2.79 0.00	46.59 2.34 0.00	42.76 2.31 0.00	40.71 2.09 0.00	38.12 1.78 0.00
WHITEHAL_115KV_TB1 80871	35.94 2.49 -4.13	35.25 2.24 -5.99	34.54 2.15 -5.58	33.19 2.11 -4.05	33.49 2.21 -2.64	35.71 2.95 0.00	47.34 4.07 0.00	56.26 4.97 0.00	48.49 4.04 0.00	39.67 2.90 0.00	37.52 2.68 -0.43	35.72 2.43 -0.90	35.57 2.34 -0.77	37.54 2.55 0.00	41.08 3.04 0.00	46.76 3.70 0.00	56.79 4.59 0.00	67.99 5.73 0.00	61.26 5.31 0.00	53.40 4.45 0.00	48.22 3.98 0.00	43.98 3.52 0.00	41.79 3.17 0.00	39.25 2.91 0.00
WHITEPLN_13_KV_LOAD 356215	34.63 1.93 -3.38	33.54 1.62 -4.91	32.92 1.53 -4.57	31.81 1.46 -3.32	32.36 1.55 -2.16	34.80 2.03 0.00	46.39 3.12 0.00	55.19 3.90 0.00	48.04 3.60 0.00	39.67 2.90 0.00	38.63 2.72 -1.51	37.42 2.53 -2.51	36.74 2.50 -1.78	37.79 2.80 0.00	41.08 3.04 0.00	46.63 3.57 0.00	56.11 3.91 0.00	66.87 4.61 0.00	60.03 4.08 0.00	52.62 3.67 0.00	47.25 3.01 0.00	43.53 3.07 0.00	41.32 2.70 0.00	38.59 2.25 0.00
WM_FLOYD_69_KV_BK2 356380	35.02 2.32 -3.39	33.79 1.86 -4.92	32.96 1.56 -4.58	31.76 1.41 -3.32	32.50 1.69 -2.17	35.48 2.72 0.00	47.27 3.98 -0.01	55.24 3.95 0.00	48.49 4.04 0.00	40.37 3.60 -0.01	39.00 3.20 -1.39	37.85 3.14 -2.33	37.25 3.12 -1.67	38.43 3.43 -0.01	45.29 3.69 -3.56	48.95 3.92 -1.97	56.84 4.23 -0.41	67.01 4.73 -0.01	60.66 4.31 -0.41	58.67 4.01 -5.72	55.94 3.72 -7.98	47.82 3.44 -3.92	41.84 3.21 -0.01	38.77 2.43 0.00
WOODARD___115KV_TB2 355635	28.96 -0.32 0.04	26.77 -0.30 -0.06	26.55 -0.30 -0.03	26.66 -0.30 0.08	28.15 -0.32 0.18	32.22 -0.36 0.19	42.67 -0.61 0.00	50.57 -0.72 0.00	43.82 -0.62 0.00	36.28 -0.48 0.00	33.89 -0.52 0.00	31.72 -0.49 0.18	31.96 -0.49 0.02	34.46 -0.52 0.00	37.47 -0.57 0.00	42.32 -0.73 0.00	51.31 -0.89 0.00	61.33 -0.93 0.00	55.16 -0.78 0.00	48.16 -0.78 0.00	43.53 -0.71 0.00	39.69 -0.77 0.00	37.85 -0.77 0.00	35.61 -0.73 0.00
YORK___WARBASSE 23770	34.97 2.26 -3.40	33.88 1.94 -4.93	33.20 1.80 -4.59	32.08 1.73 -3.32	32.68 1.86 -2.17	34.99 2.23 0.00	46.43 3.16 0.00	54.93 3.64 0.00	47.82 3.38 0.00	39.59 2.83 0.00	38.55 2.75 -1.39	37.27 2.56 -2.33	36.63 2.50 -1.66	37.79 2.80 0.00	40.97 2.93 0.00	46.50 3.44 0.00	55.96 3.76 0.00	66.68 4.42 0.00	59.80 3.86 0.00	52.47 3.52 0.00	46.99 2.74 0.00	43.49 3.03 0.00	41.44 2.82 0.00	38.96 2.62 -0.01