

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		06/20/2026																										
Name		00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
PTID		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT			
59TH STREET_GT_1		40.49	35.89	34.16	32.44	32.03	32.28	31.06	30.25	31.90	31.50	31.32	32.91	32.97	35.04	37.83	40.94	44.39	49.95	59.49	63.14	61.57	54.66	48.19	41.60			
24138		2.72	2.22	2.12	1.92	1.87	1.71	2.01	2.08	2.31	2.33	2.53	2.61	2.69	2.83	3.06	3.52	4.13	4.58	5.21	5.11	4.45	3.62	3.15	2.43			
		0.03	0.00	0.01	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1		40.52	35.99	34.26	32.53	32.12	32.38	31.15	30.30	31.96	31.56	31.38	32.97	33.03	35.10	37.87	41.01	44.41	50.04	59.60	63.26	61.68	54.77	48.28	41.72			
24260		2.76	2.32	2.21	2.02	1.96	1.80	2.09	2.14	2.37	2.39	2.59	2.67	2.76	2.90	3.09	3.59	4.13	4.67	5.32	5.22	4.57	3.73	3.24	2.55			
		0.03	0.00	0.01	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2		40.52	35.99	34.26	32.53	32.12	32.38	31.15	30.30	31.96	31.56	31.38	32.97	33.03	35.10	37.87	41.01	44.41	50.04	59.60	63.26	61.68	54.77	48.28	41.72			
24261		2.76	2.32	2.21	2.02	1.96	1.80	2.09	2.14	2.37	2.39	2.59	2.67	2.76	2.90	3.09	3.59	4.13	4.67	5.32	5.22	4.57	3.73	3.24	2.55			
		0.03	0.00	0.01	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS		40.55	36.16	34.39	32.64	32.34	32.70	31.07	29.88	31.16	30.54	29.80	31.34	30.91	32.72	35.54	38.54	41.31	47.55	57.48	62.56	61.85	55.17	48.51	42.00			
24011		2.76	2.49	2.34	2.11	2.17	2.11	2.01	1.72	1.57	1.37	1.01	1.03	0.64	0.52	0.77	1.12	1.59	2.18	3.20	4.53	4.74	4.13	3.47	2.82			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY		40.78	36.40	34.62	32.83	32.55	32.88	31.21	30.02	31.28	30.62	29.86	31.39	30.94	32.72	35.57	38.62	41.39	47.73	57.80	63.03	62.36	55.64	48.91	42.27			
23798		2.98	2.73	2.57	2.29	2.38	2.30	2.15	1.86	1.69	1.46	1.07	1.09	0.67	0.51	0.80	1.20	1.67	2.36	3.53	4.99	5.25	4.60	3.87	3.09			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS		40.55	36.16	34.39	32.64	32.34	32.70	31.07	29.88	31.16	30.54	29.80	31.34	30.91	32.72	35.54	38.54	41.31	47.55	57.48	62.56	61.85	55.17	48.51	42.00			
24028		2.76	2.49	2.34	2.11	2.17	2.11	2.01	1.72	1.57	1.37	1.01	1.03	0.64	0.52	0.77	1.12	1.59	2.18	3.20	4.53	4.74	4.13	3.47	2.82			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM		39.76	35.29	33.62	31.97	31.67	32.17	30.69	29.63	30.93	30.48	30.03	31.70	31.61	33.46	36.17	39.18	41.26	47.19	56.01	59.84	59.11	52.83	46.75	40.08			
23527		1.96	1.62	1.57	1.44	1.51	1.59	1.63	1.46	1.33	1.31	1.24	1.39	1.33	1.25	1.39	1.76	1.55	1.82	1.74	1.80	2.00	1.79	1.71	0.90			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP		38.51	34.31	32.89	31.30	30.95	31.35	29.82	28.64	29.98	29.52	29.14	30.70	30.61	32.49	35.16	37.98	40.15	45.87	54.66	58.56	57.57	51.40	45.40	39.41			
24190		0.72	0.64	0.83	0.76	0.78	0.76	0.76	0.48	0.38	0.35	0.35	0.39	0.33	0.29	0.38	0.56	0.44	0.50	0.38	0.52	0.46	0.36	0.36	0.24			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK		37.57	33.47	31.89	30.42	30.04	30.46	28.86	27.94	29.42	28.99	28.62	30.12	30.09	32.04	34.60	37.31	39.72	45.19	53.84	57.63	56.65	51.19	45.18	39.53			
355683		-0.23	-0.20	-0.16	-0.12	-0.12	-0.12	-0.20	-0.23	-0.18	-0.17	-0.17	-0.18	-0.18	-0.16	-0.17	-0.11	0.00	-0.18	-0.43	-0.41	-0.46	0.15	0.14	0.35			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR		39.19	34.95	33.37	31.73	31.40	31.75	30.14	28.92	30.19	29.63	29.22	30.73	30.64	32.52	35.22	38.13	40.43	46.32	55.47	59.77	58.77	52.57	46.44	40.23			
323833		1.40	1.28	1.31	1.19	1.24	1.16	1.08	0.76	0.59	0.47	0.43	0.42	0.36	0.32	0.45	0.71	0.72	0.95	1.19	1.74	1.66	1.53	1.40	1.06			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR		39.19	34.92	33.37	31.73	31.37	31.75	30.14	28.92	30.19	29.63	29.22	30.73	30.64	32.52	35.22	38.13	40.43	46.32	55.47	59.72	58.77	52.52	46.44	40.19			
323834		1.40	1.25	1.31	1.19	1.21	1.16	1.08	0.76	0.59	0.47	0.43	0.42	0.36	0.32	0.45	0.71	0.72	0.95	1.19	1.68	1.66	1.48	1.40	1.02			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1		38.51	34.31	32.89	31.30	30.95	31.35	29.82	28.64	29.98	29.52	29.14	30.70	30.61	32.49	35.16	37.98	40.15	45.87	54.66	58.56	57.57	51.40	45.40	39.41			
23571		0.72	0.64	0.83	0.76	0.78	0.76	0.76	0.48	0.38	0.35	0.35	0.39	0.33	0.29	0.38	0.56	0.44	0.50	0.38	0.52	0.46	0.36	0.36	0.24			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	38.51 0.72 0.00	34.31 0.64 0.00	32.89 0.83 0.00	31.30 0.76 0.00	30.95 0.78 0.00	31.35 0.76 0.00	29.82 0.76 0.00	28.64 0.48 0.00	29.98 0.38 0.00	29.52 0.35 0.00	29.14 0.35 0.00	30.70 0.39 0.00	30.61 0.33 0.00	32.49 0.29 0.00	35.16 0.38 0.00	37.98 0.56 0.00	40.15 0.44 0.00	45.87 0.50 0.00	54.66 0.38 0.00	58.56 0.52 0.00	57.57 0.46 0.00	51.40 0.36 0.00	45.40 0.36 0.00	39.41 0.24 0.00
ALBANY___3 23573	38.51 0.72 0.00	34.31 0.64 0.00	32.89 0.83 0.00	31.30 0.76 0.00	30.95 0.78 0.00	31.35 0.76 0.00	29.82 0.76 0.00	28.64 0.48 0.00	29.98 0.38 0.00	29.52 0.35 0.00	29.14 0.35 0.00	30.70 0.39 0.00	30.61 0.33 0.00	32.49 0.29 0.00	35.16 0.38 0.00	37.98 0.56 0.00	40.15 0.44 0.00	45.87 0.50 0.00	54.66 0.38 0.00	58.56 0.52 0.00	57.57 0.46 0.00	51.40 0.36 0.00	45.40 0.36 0.00	39.41 0.24 0.00
ALBANY___4 23574	38.51 0.72 0.00	34.31 0.64 0.00	32.89 0.83 0.00	31.30 0.76 0.00	30.95 0.78 0.00	31.35 0.76 0.00	29.82 0.76 0.00	28.64 0.48 0.00	29.98 0.38 0.00	29.52 0.35 0.00	29.14 0.35 0.00	30.70 0.39 0.00	30.61 0.33 0.00	32.49 0.29 0.00	35.16 0.38 0.00	37.98 0.56 0.00	40.15 0.44 0.00	45.87 0.50 0.00	54.66 0.38 0.00	58.56 0.52 0.00	57.57 0.46 0.00	51.40 0.36 0.00	45.40 0.36 0.00	39.41 0.24 0.00
ALBANY___LFGE 323615	38.85 1.06 0.00	34.61 0.94 0.00	33.14 1.09 0.00	31.51 0.98 0.00	31.16 0.99 0.00	31.56 0.98 0.00	30.02 0.96 0.00	28.87 0.70 0.00	30.22 0.62 0.00	29.72 0.55 0.00	29.34 0.55 0.00	30.91 0.61 0.00	30.79 0.51 0.00	32.69 0.48 0.00	35.36 0.59 0.00	38.28 0.86 0.00	40.47 0.75 0.00	46.23 0.86 0.00	55.09 0.82 0.00	59.13 1.10 0.00	58.14 1.03 0.00	51.91 0.87 0.00	45.94 0.90 0.00	39.72 0.55 0.00
ALCOA_PA_115KV_PL-6C 55860	37.64 -0.15 0.00	33.57 -0.10 0.00	31.96 -0.10 0.00	30.51 -0.03 0.00	30.14 -0.03 0.00	30.55 -0.03 0.00	28.92 -0.14 0.00	27.99 -0.17 0.00	29.45 -0.15 0.00	28.99 -0.17 0.00	28.62 -0.17 0.00	30.12 -0.18 0.00	30.10 -0.18 0.00	32.04 -0.16 0.00	34.60 -0.17 0.00	37.31 -0.11 0.00	39.72 0.00 0.00	45.19 -0.18 0.00	54.17 -0.11 0.00	57.92 -0.12 0.00	57.00 -0.11 0.00	51.30 0.26 0.00	45.27 0.23 0.00	39.65 0.47 0.00
ALCOA_RYNLDS___DRP 24188	37.64 -0.15 0.00	33.54 -0.13 0.00	31.96 -0.10 0.00	30.51 -0.03 0.00	30.11 -0.06 0.00	30.55 -0.03 0.00	28.92 -0.15 0.00	27.99 -0.17 0.00	29.45 -0.15 0.00	28.99 -0.17 0.00	28.62 -0.17 0.00	30.12 -0.18 0.00	30.09 -0.18 0.00	32.04 -0.16 0.00	34.60 -0.17 0.00	37.31 -0.11 0.00	39.72 0.00 0.00	45.19 -0.18 0.00	54.17 -0.11 0.00	57.92 -0.12 0.00	57.05 -0.06 0.00	51.30 0.26 0.00	45.27 0.23 0.00	39.65 0.47 0.00
ALCOA___DSASP 323711	37.64 -0.15 0.00	33.54 -0.13 0.00	31.96 -0.10 0.00	30.51 -0.03 0.00	30.11 -0.06 0.00	30.55 -0.03 0.00	28.92 -0.15 0.00	27.99 -0.17 0.00	29.45 -0.15 0.00	28.99 -0.17 0.00	28.62 -0.17 0.00	30.12 -0.18 0.00	30.09 -0.18 0.00	32.04 -0.16 0.00	34.60 -0.17 0.00	37.31 -0.11 0.00	39.72 0.00 0.00	45.19 -0.18 0.00	54.17 -0.11 0.00	57.92 -0.12 0.00	57.05 -0.06 0.00	51.30 0.26 0.00	45.27 0.23 0.00	39.65 0.47 0.00
ALLEGHENY___COGEN 23514	63.65 -1.55 -27.41	56.82 -1.41 -24.56	54.85 -1.38 -24.18	41.00 -1.28 -11.75	33.55 -1.24 -4.62	32.03 -1.16 -2.61	32.55 -1.48 -4.97	36.31 -1.44 -9.58	43.55 -1.72 -15.68	30.31 -2.13 -3.27	30.26 -2.45 -3.91	39.69 -2.61 -11.99	36.38 -2.48 -8.58	54.17 -2.51 -24.47	57.95 -2.85 -26.03	61.95 -3.14 -27.68	65.29 -3.06 -28.63	55.00 -3.00 -12.63	68.03 -2.71 -16.47	65.00 -1.68 -8.65	60.01 -0.40 -3.30	52.75 -0.61 -2.32	45.76 -0.67 -1.40	38.55 -0.63 0.00
ALTAMONT_115KV_TB 2 55880	38.78 0.98 0.00	34.55 0.88 0.00	32.95 0.90 0.00	31.36 0.82 0.00	30.98 0.81 0.00	31.38 0.80 0.00	29.87 0.81 0.00	28.84 0.68 0.00	30.22 0.62 0.00	29.75 0.58 0.00	29.40 0.60 0.00	30.94 0.64 0.00	30.88 0.61 0.00	32.78 0.58 0.00	35.43 0.66 0.00	38.28 0.86 0.00	40.55 0.83 0.00	46.37 1.00 0.00	55.36 1.09 0.00	59.25 1.22 0.00	58.31 1.20 0.00	52.01 0.97 0.00	45.90 0.86 0.00	39.80 0.63 0.00
ALTONA_WT_PWR 323606	37.23 -0.57 0.00	33.17 -0.50 0.00	31.60 -0.45 0.00	30.17 -0.37 0.00	29.77 -0.39 0.00	30.19 -0.40 0.00	28.57 -0.49 0.00	27.66 -0.51 0.00	29.15 -0.44 0.00	28.79 -0.38 0.00	28.42 -0.38 0.00	29.94 -0.36 0.00	29.91 -0.36 0.00	31.88 -0.32 0.00	34.49 -0.28 0.00	37.23 -0.19 0.00	39.72 0.00 0.00	45.23 -0.14 0.00	54.33 0.05 0.00	58.15 0.12 0.00	57.11 0.00 0.00	51.30 0.26 0.00	45.31 0.27 0.00	39.68 0.51 0.00
AMERICAN_REF_FUEL 24010	24.79 -5.10 7.90	23.25 -4.51 5.91	21.43 -4.39 6.23	22.56 -4.28 3.71	23.41 -4.67 2.08	24.42 -4.92 1.25	22.87 -4.68 1.51	22.19 -3.58 2.40	22.15 -3.52 3.92	24.91 -3.44 0.82	24.33 -3.48 0.98	23.61 -3.70 3.00	24.49 -3.63 2.15	22.24 -3.83 6.13	23.94 -4.31 6.52	25.97 -4.79 6.66	27.25 -5.01 7.46	34.75 -5.99 4.63	40.03 -7.60 6.65	44.25 -8.47 5.31	45.65 -7.82 3.64	40.96 -7.30 2.78	37.18 -6.22 1.65	34.00 -5.17 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.01 -4.20 9.58	22.45 -3.67 7.55	20.70 -3.56 7.80	22.82 -3.33 4.39	24.56 -3.44 2.17	25.77 -3.42 1.39	23.95 -3.31 1.80	22.39 -2.82 2.96	22.00 -2.75 4.84	25.38 -2.77 1.01	24.68 -2.91 1.21	23.54 -3.06 3.70	24.60 -3.03 2.65	21.48 -3.15 7.56	23.25 -3.48 8.04	25.21 -3.71 8.51	26.75 -3.61 9.35	36.13 -3.95 5.29	42.11 -4.67 7.50	47.50 -4.82 5.72	49.14 -4.23 3.74	44.05 -4.13 2.86	39.38 -3.96 1.70	35.81 -3.37 0.00
ARTHUR KILL_GT_1 23520	40.72 2.95 0.02	36.17 2.49 -0.01	34.39 2.34 0.00	32.69 2.17 0.01	32.28 2.11 0.00	32.50 1.93 0.01	31.09 2.03 0.01	30.08 1.92 0.00	31.67 2.07 0.00	31.30 2.13 0.00	31.15 2.36 0.00	32.79 2.48 0.00	32.91 2.63 0.00	34.94 2.74 0.00	37.73 2.96 0.00	40.98 3.55 0.00	44.41 4.13 -0.56	50.13 4.76 0.00	59.71 5.43 0.00	63.32 5.28 0.00	61.57 4.45 0.00	54.82 3.78 0.00	48.56 3.51 -0.01	41.89 2.70 -0.01
ARTHUR_KILL_2 23512	40.61 2.84 0.02	36.07 2.39 -0.01	34.30 2.24 0.00	32.60 2.08 0.01	32.19 2.02 0.00	32.41 1.84 0.01	31.00 1.95 0.01	30.02 1.86 0.00	31.58 1.98 0.00	31.21 2.04 0.00	31.06 2.27 0.00	32.70 2.39 0.00	32.82 2.54 0.00	34.84 2.64 0.00	37.62 2.85 0.00	40.90 3.48 0.00	44.29 4.01 -0.56	50.00 4.63 0.00	59.49 5.21 0.00	63.14 5.11 0.00	61.34 4.23 0.00	54.66 3.62 0.00	48.34 3.29 -0.01	41.65 2.47 -0.01
ARTHUR_KILL_3 23513	40.19 2.42 0.03	35.66 1.99 0.00	33.94 1.89 0.01	32.23 1.71 0.02	31.82 1.66 0.00	32.07 1.50 0.01	30.86 1.80 0.01	30.05 1.89 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.12 2.33 0.00	32.70 2.39 0.00	32.76 2.48 0.00	34.81 2.61 0.00	37.56 2.78 0.00	40.75 3.33 0.00	44.01 3.73 -0.56	49.59 4.22 0.00	59.05 4.78 0.00	62.73 4.70 0.00	61.05 3.94 0.00	54.26 3.22 0.00	47.79 2.75 0.00	41.17 2.00 0.00

ARTHUR_KILL_COGEN 323718	40.72 2.95 0.02	36.17 2.49 -0.01	34.39 2.34 0.00	32.69 2.17 0.01	32.28 2.11 0.00	32.47 1.90 0.01	31.09 2.03 0.01	30.10 1.94 0.00	31.66 2.07 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.91 2.63 0.00	34.94 2.74 0.00	37.73 2.95 0.00	41.01 3.59 0.00	44.41 4.13 -0.56	50.13 4.76 0.00	59.65 5.37 0.00	63.37 5.34 0.00	61.57 4.46 0.00	54.82 3.78 0.00	48.47 3.42 -0.01	41.77 2.59 -0.01
ASHOKAN____ 23654	40.40 2.61 0.00	35.83 2.16 0.00	34.14 2.08 0.00	32.40 1.86 0.00	32.01 1.84 0.00	32.21 1.62 0.00	30.66 1.60 0.00	29.26 1.10 0.00	30.51 0.92 0.00	29.84 0.67 0.00	29.48 0.69 0.00	31.03 0.73 0.00	31.03 0.76 0.00	33.01 0.81 0.00	35.78 1.01 0.00	39.11 1.69 0.00	41.78 2.06 0.00	48.18 2.81 0.00	57.42 3.15 0.00	61.52 3.48 0.00	60.19 3.08 0.00	53.74 2.70 0.00	47.43 2.39 0.00	41.06 1.88 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.49 2.72 0.02	35.90 2.22 -0.01	34.13 2.08 0.00	32.42 1.89 0.01	32.01 1.84 0.00	32.28 1.71 0.01	30.93 1.89 0.01	30.07 1.92 0.01	31.72 2.13 0.01	31.35 2.19 0.01	31.15 2.36 0.00	32.82 2.51 0.00	32.88 2.60 0.00	34.78 2.58 0.00	37.51 2.75 0.01	40.71 3.29 0.00	44.05 3.78 -0.55	49.73 4.36 0.00	58.99 4.72 0.01	62.79 4.76 0.01	61.04 3.94 0.01	54.20 3.17 0.01	47.83 2.79 0.00	41.37 2.19 0.00
ASTORIA_EAST_ENERGY_CC2 323582	40.49 2.72 0.02	35.90 2.22 -0.01	34.13 2.08 0.00	32.42 1.89 0.01	32.01 1.84 0.00	32.28 1.71 0.01	30.93 1.89 0.01	30.07 1.92 0.01	31.72 2.13 0.01	31.35 2.19 0.01	31.15 2.36 0.00	32.82 2.51 0.00	32.88 2.60 0.00	34.78 2.58 0.00	37.51 2.75 0.01	40.71 3.29 0.00	44.05 3.78 -0.55	49.73 4.36 0.00	58.99 4.72 0.01	62.79 4.76 0.01	61.04 3.94 0.01	54.20 3.17 0.01	47.83 2.79 0.00	41.37 2.19 0.00
ASTORIA_GT2_1 24094	40.49 2.72 0.02	35.90 2.22 -0.01	34.14 2.08 0.00	32.42 1.89 0.01	32.04 1.87 0.00	32.31 1.74 0.01	30.94 1.89 0.01	30.08 1.92 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.82 2.52 0.00	32.88 2.60 0.00	34.81 2.61 0.00	37.52 2.75 0.00	40.68 3.26 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.05 4.78 0.00	62.74 4.70 0.00	61.11 4.00 0.00	54.26 3.22 0.00	47.88 2.84 0.00	41.53 2.35 0.00
ASTORIA_GT2_2 24095	40.49 2.72 0.02	35.90 2.22 -0.01	34.14 2.08 0.00	32.42 1.89 0.01	32.04 1.87 0.00	32.31 1.74 0.01	30.94 1.89 0.01	30.08 1.92 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.82 2.52 0.00	32.88 2.60 0.00	34.81 2.61 0.00	37.52 2.75 0.00	40.68 3.26 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.05 4.78 0.00	62.74 4.70 0.00	61.11 4.00 0.00	54.26 3.22 0.00	47.88 2.84 0.00	41.53 2.35 0.00
ASTORIA_GT2_3 24096	40.49 2.72 0.02	35.90 2.22 -0.01	34.14 2.08 0.00	32.42 1.89 0.01	32.04 1.87 0.00	32.31 1.74 0.01	30.94 1.89 0.01	30.08 1.92 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.82 2.52 0.00	32.88 2.60 0.00	34.81 2.61 0.00	37.52 2.75 0.00	40.68 3.26 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.05 4.78 0.00	62.74 4.70 0.00	61.11 4.00 0.00	54.26 3.22 0.00	47.88 2.84 0.00	41.53 2.35 0.00
ASTORIA_GT2_4 24097	40.49 2.72 0.02	35.90 2.22 -0.01	34.14 2.08 0.00	32.42 1.89 0.01	32.04 1.87 0.00	32.31 1.74 0.01	30.94 1.89 0.01	30.08 1.92 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.82 2.52 0.00	32.88 2.60 0.00	34.81 2.61 0.00	37.52 2.75 0.00	40.68 3.26 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.05 4.78 0.00	62.74 4.70 0.00	61.11 4.00 0.00	54.26 3.22 0.00	47.88 2.84 0.00	41.53 2.35 0.00
ASTORIA_GT3_1 24098	40.49 2.72 0.02	35.90 2.22 -0.01	34.14 2.08 0.00	32.42 1.89 0.01	32.04 1.87 0.00	32.31 1.74 0.01	30.94 1.89 0.01	30.08 1.92 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.82 2.52 0.00	32.88 2.60 0.00	34.81 2.61 0.00	37.52 2.75 0.00	40.68 3.26 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.05 4.78 0.00	62.74 4.70 0.00	61.11 4.00 0.00	54.26 3.22 0.00	47.88 2.84 0.00	41.53 2.35 0.00
ASTORIA_GT3_2 24099	40.49 2.72 0.02	35.90 2.22 -0.01	34.14 2.08 0.00	32.42 1.89 0.01	32.04 1.87 0.00	32.31 1.74 0.01	30.94 1.89 0.01	30.08 1.92 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.82 2.52 0.00	32.88 2.60 0.00	34.81 2.61 0.00	37.52 2.75 0.00	40.68 3.26 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.05 4.78 0.00	62.74 4.70 0.00	61.11 4.00 0.00	54.26 3.22 0.00	47.88 2.84 0.00	41.53 2.35 0.00
ASTORIA_GT3_3 24100	40.49 2.72 0.02	35.90 2.22 -0.01	34.14 2.08 0.00	32.42 1.89 0.01	32.04 1.87 0.00	32.31 1.74 0.01	30.94 1.89 0.01	30.08 1.92 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.82 2.52 0.00	32.88 2.60 0.00	34.81 2.61 0.00	37.52 2.75 0.00	40.68 3.26 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.05 4.78 0.00	62.74 4.70 0.00	61.11 4.00 0.00	54.26 3.22 0.00	47.88 2.84 0.00	41.53 2.35 0.00
ASTORIA_GT3_4 24101	40.49 2.72 0.02	35.90 2.22 -0.01	34.14 2.08 0.00	32.42 1.89 0.01	32.04 1.87 0.00	32.31 1.74 0.01	30.94 1.89 0.01	30.08 1.92 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.82 2.52 0.00	32.88 2.60 0.00	34.81 2.61 0.00	37.52 2.75 0.00	40.68 3.26 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.05 4.78 0.00	62.74 4.70 0.00	61.11 4.00 0.00	54.26 3.22 0.00	47.88 2.84 0.00	41.53 2.35 0.00
ASTORIA_GT4_1 24102	40.49 2.72 0.02	35.90 2.22 -0.01	34.14 2.08 0.00	32.42 1.89 0.01	32.04 1.87 0.00	32.31 1.74 0.01	30.94 1.89 0.01	30.08 1.92 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.82 2.52 0.00	32.88 2.60 0.00	34.81 2.61 0.00	37.52 2.75 0.00	40.68 3.26 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.05 4.78 0.00	62.74 4.70 0.00	61.11 4.00 0.00	54.26 3.22 0.00	47.88 2.84 0.00	41.53 2.35 0.00
ASTORIA_GT4_2 24103	40.49 2.72 0.02	35.90 2.22 -0.01	34.14 2.08 0.00	32.42 1.89 0.01	32.04 1.87 0.00	32.31 1.74 0.01	30.94 1.89 0.01	30.08 1.92 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.82 2.52 0.00	32.88 2.60 0.00	34.81 2.61 0.00	37.52 2.75 0.00	40.68 3.26 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.05 4.78 0.00	62.74 4.70 0.00	61.11 4.00 0.00	54.26 3.22 0.00	47.88 2.84 0.00	41.53 2.35 0.00
ASTORIA_GT4_3 24104	40.49 2.72 0.02	35.90 2.22 -0.01	34.14 2.08 0.00	32.42 1.89 0.01	32.04 1.87 0.00	32.31 1.74 0.01	30.94 1.89 0.01	30.08 1.92 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.82 2.52 0.00	32.88 2.60 0.00	34.81 2.61 0.00	37.52 2.75 0.00	40.68 3.26 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.05 4.78 0.00	62.74 4.70 0.00	61.11 4.00 0.00	54.26 3.22 0.00	47.88 2.84 0.00	41.53 2.35 0.00

ASTORIA_GT4_4 24105	40.49 2.72 0.02	35.90 2.22 -0.01	34.14 2.08 0.00	32.42 1.89 0.01	32.04 1.87 0.00	32.31 1.74 0.01	30.94 1.89 0.01	30.08 1.92 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.82 2.52 0.00	32.88 2.60 0.00	34.81 2.61 0.00	37.52 2.75 0.00	40.68 3.26 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.05 4.78 0.00	62.74 4.70 0.00	61.11 4.00 0.00	54.26 3.22 0.00	47.88 2.84 0.00	41.53 2.35 0.00
ASTORIA_GT_1 23523	40.57 2.80 0.02	35.97 2.29 -0.01	34.20 2.15 0.00	32.48 1.95 0.01	32.07 1.90 0.00	32.34 1.77 0.01	31.00 1.95 0.01	30.13 1.97 0.00	31.78 2.19 0.00	31.41 2.25 0.00	31.21 2.42 0.00	32.88 2.58 0.00	32.94 2.66 0.00	34.88 2.67 0.00	37.59 2.82 0.00	40.75 3.33 0.00	44.17 3.89 -0.56	49.86 4.49 0.00	59.16 4.88 0.00	62.85 4.82 0.00	61.22 4.11 0.00	54.36 3.32 0.00	47.97 2.93 0.00	41.57 2.39 0.00
ASTORIA_GT_10 24110	40.42 2.65 0.02	35.90 2.22 -0.01	34.17 2.12 0.00	32.45 1.92 0.01	32.04 1.87 0.00	32.25 1.68 0.01	30.97 1.92 0.01	30.11 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.82 2.52 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.62 2.85 0.00	40.75 3.33 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.22 4.94 0.00	62.79 4.76 0.00	61.17 4.05 0.00	54.36 3.32 0.00	48.01 2.97 0.00	41.53 2.35 0.00
ASTORIA_GT_11 24225	40.42 2.65 0.02	35.90 2.22 -0.01	34.17 2.12 0.00	32.45 1.92 0.01	32.04 1.87 0.00	32.25 1.68 0.01	30.97 1.92 0.01	30.11 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.82 2.52 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.62 2.85 0.00	40.75 3.33 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.22 4.94 0.00	62.79 4.76 0.00	61.17 4.05 0.00	54.36 3.32 0.00	48.01 2.97 0.00	41.53 2.35 0.00
ASTORIA_GT_12 24226	40.42 2.65 0.02	35.90 2.22 -0.01	34.17 2.12 0.00	32.45 1.92 0.01	32.04 1.87 0.00	32.25 1.68 0.01	30.97 1.92 0.01	30.11 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.82 2.52 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.62 2.85 0.00	40.75 3.33 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.22 4.94 0.00	62.79 4.76 0.00	61.17 4.05 0.00	54.36 3.32 0.00	48.01 2.97 0.00	41.53 2.35 0.00
ASTORIA_GT_13 24227	40.42 2.65 0.02	35.90 2.22 -0.01	34.17 2.12 0.00	32.45 1.92 0.01	32.04 1.87 0.00	32.25 1.68 0.01	30.97 1.92 0.01	30.11 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.82 2.52 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.62 2.85 0.00	40.75 3.33 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.22 4.94 0.00	62.79 4.76 0.00	61.17 4.05 0.00	54.36 3.32 0.00	48.01 2.97 0.00	41.53 2.35 0.00
ASTORIA_GT_5 24106	40.57 2.80 0.02	35.97 2.29 -0.01	34.20 2.15 0.00	32.48 1.95 0.01	32.07 1.90 0.00	32.34 1.77 0.01	31.00 1.95 0.01	30.13 1.97 0.00	31.78 2.19 0.00	31.41 2.25 0.00	31.21 2.42 0.00	32.88 2.58 0.00	32.94 2.66 0.00	34.88 2.67 0.00	37.59 2.82 0.00	40.75 3.33 0.00	44.17 3.89 -0.56	49.86 4.49 0.00	59.16 4.88 0.00	62.85 4.82 0.00	61.22 4.11 0.00	54.36 3.32 0.00	47.97 2.93 0.00	41.57 2.39 0.00
ASTORIA_GT_7 24107	40.57 2.80 0.02	35.97 2.29 -0.01	34.20 2.15 0.00	32.48 1.95 0.01	32.07 1.90 0.00	32.34 1.77 0.01	31.00 1.95 0.01	30.13 1.97 0.00	31.78 2.19 0.00	31.41 2.25 0.00	31.21 2.42 0.00	32.88 2.58 0.00	32.94 2.66 0.00	34.88 2.67 0.00	37.59 2.82 0.00	40.75 3.33 0.00	44.17 3.89 -0.56	49.86 4.49 0.00	59.16 4.88 0.00	62.85 4.82 0.00	61.22 4.11 0.00	54.36 3.32 0.00	47.97 2.93 0.00	41.57 2.39 0.00
ASTORIA_GT_8 24108	40.57 2.80 0.02	35.97 2.29 -0.01	34.20 2.15 0.00	32.48 1.95 0.01	32.07 1.90 0.00	32.34 1.77 0.01	31.00 1.95 0.01	30.13 1.97 0.00	31.78 2.19 0.00	31.41 2.25 0.00	31.21 2.42 0.00	32.88 2.58 0.00	32.94 2.66 0.00	34.88 2.67 0.00	37.59 2.82 0.00	40.75 3.33 0.00	44.17 3.89 -0.56	49.86 4.49 0.00	59.16 4.88 0.00	62.85 4.82 0.00	61.22 4.11 0.00	54.36 3.32 0.00	47.97 2.93 0.00	41.57 2.39 0.00
ASTORIA___2 24149	40.49 2.72 0.02	35.90 2.22 -0.01	34.13 2.08 0.00	32.42 1.89 0.01	32.04 1.87 0.00	32.28 1.71 0.01	30.93 1.89 0.01	30.10 1.94 0.01	31.75 2.16 0.01	31.35 2.19 0.01	31.18 2.39 0.00	32.82 2.51 0.00	32.88 2.60 0.00	34.81 2.61 0.00	37.51 2.75 0.01	40.75 3.33 0.00	44.09 3.81 -0.55	49.77 4.40 0.00	59.05 4.78 0.01	62.79 4.76 0.01	61.04 3.94 0.01	54.20 3.17 0.01	47.83 2.79 0.00	41.37 2.19 0.00
ASTORIA___3 23516	40.42 2.64 0.02	35.90 2.22 -0.01	34.17 2.12 0.00	32.45 1.93 0.01	32.04 1.87 0.00	32.25 1.68 0.01	30.97 1.92 0.01	30.10 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.82 2.51 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.62 2.85 0.00	40.83 3.40 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.16 4.89 0.00	62.85 4.81 0.00	61.17 4.06 0.00	54.36 3.32 0.00	47.97 2.93 0.00	41.37 2.19 0.00
ASTORIA___4 23517	40.42 2.65 0.02	35.90 2.22 -0.01	34.17 2.12 0.00	32.45 1.92 0.01	32.04 1.87 0.00	32.25 1.68 0.01	30.97 1.92 0.01	30.11 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.82 2.52 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.62 2.85 0.00	40.75 3.33 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.22 4.94 0.00	62.79 4.76 0.00	61.17 4.05 0.00	54.36 3.32 0.00	48.01 2.97 0.00	41.53 2.35 0.00
ASTORIA___5 23518	40.42 2.64 0.02	35.90 2.22 -0.01	34.17 2.12 0.00	32.45 1.93 0.01	32.04 1.87 0.00	32.25 1.68 0.01	30.97 1.92 0.01	30.10 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.82 2.51 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.62 2.85 0.00	40.83 3.40 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.16 4.89 0.00	62.85 4.81 0.00	61.17 4.06 0.00	54.36 3.32 0.00	47.97 2.93 0.00	41.37 2.19 0.00
AST_ENERGY_2_CC3 323677	40.26 2.49 0.03	35.76 2.09 0.00	34.03 1.99 0.01	32.32 1.80 0.02	31.91 1.75 0.00	32.16 1.59 0.01	30.94 1.89 0.01	30.08 1.92 0.00	31.73 2.13 0.00	31.32 2.16 0.00	31.15 2.36 0.00	32.73 2.43 0.00	32.79 2.51 0.00	34.81 2.61 0.00	37.59 2.82 0.00	40.79 3.37 0.00	44.05 3.78 -0.56	49.63 4.26 0.00	59.11 4.83 0.00	62.79 4.76 0.00	61.17 4.06 0.00	54.36 3.32 0.00	47.88 2.84 0.00	41.29 2.11 0.00
AST_ENERGY_2_CC4 323678	40.26 2.49 0.03	35.76 2.09 0.00	34.03 1.99 0.01	32.32 1.80 0.02	31.91 1.75 0.00	32.16 1.59 0.01	30.94 1.89 0.01	30.08 1.92 0.00	31.73 2.13 0.00	31.32 2.16 0.00	31.15 2.36 0.00	32.73 2.43 0.00	32.79 2.51 0.00	34.81 2.61 0.00	37.59 2.82 0.00	40.79 3.37 0.00	44.05 3.78 -0.56	49.63 4.26 0.00	59.11 4.83 0.00	62.79 4.76 0.00	61.17 4.06 0.00	54.36 3.32 0.00	47.88 2.84 0.00	41.29 2.11 0.00

ATHENS_STG_1 23668	39.05 1.29 0.03	34.78 1.11 0.00	33.14 1.09 0.01	31.53 1.01 0.02	31.16 0.99 0.00	31.52 0.95 0.01	30.07 1.02 0.01	29.12 0.96 0.00	30.57 0.98 0.00	30.13 0.96 0.00	29.83 1.03 0.00	31.36 1.06 0.00	31.36 1.09 0.00	33.30 1.10 0.00	35.99 1.22 0.00	38.92 1.50 0.00	41.35 1.63 0.00	47.23 1.86 0.00	56.34 2.06 0.00	60.12 2.09 0.00	58.88 1.77 0.00	52.57 1.53 0.00	46.35 1.31 0.00	40.08 0.90 0.00
ATHENS_STG_2 23670	39.05 1.29 0.03	34.78 1.11 0.00	33.14 1.09 0.01	31.53 1.01 0.02	31.16 0.99 0.00	31.52 0.95 0.01	30.07 1.02 0.01	29.12 0.96 0.00	30.57 0.98 0.00	30.13 0.96 0.00	29.83 1.03 0.00	31.36 1.06 0.00	31.36 1.09 0.00	33.30 1.10 0.00	35.99 1.22 0.00	38.92 1.50 0.00	41.35 1.63 0.00	47.23 1.86 0.00	56.34 2.06 0.00	60.12 2.09 0.00	58.88 1.77 0.00	52.57 1.53 0.00	46.35 1.31 0.00	40.08 0.90 0.00
ATHENS_STG_3 23677	39.05 1.29 0.03	34.78 1.11 0.00	33.14 1.09 0.01	31.53 1.01 0.02	31.16 0.99 0.00	31.52 0.95 0.01	30.07 1.02 0.01	29.12 0.96 0.00	30.57 0.98 0.00	30.13 0.96 0.00	29.83 1.03 0.00	31.36 1.06 0.00	31.36 1.09 0.00	33.30 1.10 0.00	35.99 1.22 0.00	38.92 1.50 0.00	41.35 1.63 0.00	47.23 1.86 0.00	56.34 2.06 0.00	60.12 2.09 0.00	58.88 1.77 0.00	52.57 1.53 0.00	46.35 1.31 0.00	40.08 0.90 0.00
AUBURN___LFGE 323710	38.30 -0.57 -1.08	34.12 -0.51 -0.95	32.48 -0.51 -0.94	30.51 -0.49 -0.46	31.01 -0.48 -1.32	30.23 -0.46 -0.11	28.68 -0.58 -0.20	28.06 -0.48 -0.37	29.70 -0.50 -0.61	28.77 -0.52 -0.13	28.37 -0.58 -0.15	30.16 -0.61 -0.47	30.03 -0.58 -0.33	32.64 -0.52 -0.95	35.12 -0.66 -1.01	37.60 -0.90 -1.07	39.93 -0.91 -1.13	44.99 -0.91 -0.53	54.12 -0.87 -0.71	57.76 -0.70 -0.42	57.06 -0.40 -0.35	50.73 -0.46 -0.15	44.63 -0.50 -0.09	38.78 -0.39 0.00
BABYLON_RES_REC 323704	41.02 3.25 0.03	36.37 2.69 0.00	34.45 2.41 0.01	32.56 2.05 0.02	32.03 1.87 0.00	32.16 1.59 0.01	31.17 2.12 0.01	30.36 2.20 0.00	31.99 2.40 0.00	31.76 2.59 0.00	35.85 2.76 -4.29	40.75 2.85 -7.60	42.79 2.88 -9.64	47.03 3.03 -11.80	49.08 3.27 -11.04	51.05 3.82 -9.81	53.05 4.29 -9.05	57.60 4.86 -7.37	62.23 5.64 -2.31	65.61 5.69 -1.88	61.91 4.80 0.00	55.12 4.08 0.00	47.93 2.89 0.00	41.84 2.67 0.00
BALL_HILL_WT_PWR 323825	23.42 -4.08 10.29	21.87 -3.64 8.16	20.12 -3.53 8.41	22.48 -3.36 4.70	24.36 -3.50 2.31	25.60 -3.52 1.47	23.70 -3.43 1.93	22.09 -2.87 3.20	21.55 -2.81 5.23	25.30 -2.77 1.09	24.63 -2.85 1.31	23.30 -3.00 4.00	24.48 -2.94 2.86	20.98 -3.06 8.17	22.68 -3.41 8.69	24.52 -3.71 9.19	25.90 -3.73 10.08	35.56 -4.17 5.64	41.21 -5.10 7.97	46.56 -5.46 6.02	48.29 -4.91 3.91	43.36 -4.69 2.99	38.86 -4.41 1.77	35.45 -3.72 0.00
BARON_WINDS___WT_PWR 323822	-6.00 -2.53 41.26	-4.70 -2.22 36.14	-6.00 -2.18 35.87	10.58 -2.05 17.91	21.56 -2.05 6.56	24.22 -2.05 4.31	19.44 -2.09 7.53	12.13 -1.92 14.11	4.49 -2.01 23.09	22.28 -2.07 4.82	20.84 -2.19 5.76	10.38 -2.27 17.65	15.46 -2.18 12.64	-6.00 -2.16 36.05	-6.00 -2.44 38.34	-6.00 -2.69 40.73	-5.94 -2.66 42.99	21.68 -2.81 20.88	22.92 -3.20 28.16	37.54 -2.90 17.59	46.06 -2.23 8.82	42.07 -2.19 6.78	38.84 -2.16 4.04	37.34 -1.84 0.00
BARRETT_IC_1 23704	40.68 2.91 0.02	36.10 2.43 -0.01	34.20 2.15 0.00	32.38 1.86 0.02	31.88 1.72 0.00	32.04 1.47 0.01	31.00 1.95 0.01	30.16 2.00 0.00	31.78 2.19 0.00	31.53 2.36 0.00	35.62 2.53 -4.30	40.55 2.64 -7.61	42.61 2.69 -9.64	71.73 2.77 -36.76	106.12 3.02 -68.32	101.63 3.48 -60.73	108.39 3.93 -64.74	91.99 4.36 -42.26	88.40 5.05 -29.07	86.85 5.16 -23.65	61.83 4.62 -0.09	54.89 3.78 -0.07	47.71 2.66 -0.01	41.53 2.35 -0.01
BARRETT_IC_10 23701	40.68 2.91 0.02	36.10 2.43 -0.01	34.20 2.15 0.00	32.38 1.86 0.02	31.88 1.72 0.00	32.04 1.47 0.01	31.00 1.95 0.01	30.16 2.00 0.00	31.78 2.19 0.00	31.53 2.36 0.00	35.62 2.53 -4.30	40.55 2.64 -7.61	42.61 2.69 -9.64	71.73 2.77 -36.76	106.12 3.02 -68.32	101.63 3.48 -60.73	108.39 3.93 -64.74	91.99 4.36 -42.26	88.40 5.05 -29.07	86.85 5.16 -23.65	61.83 4.62 -0.09	54.89 3.78 -0.07	47.71 2.66 -0.01	41.53 2.35 -0.01
BARRETT_IC_11 23702	40.68 2.91 0.02	36.10 2.43 -0.01	34.20 2.15 0.00	32.38 1.86 0.02	31.88 1.72 0.00	32.04 1.47 0.01	31.00 1.95 0.01	30.16 2.00 0.00	31.78 2.19 0.00	31.53 2.36 0.00	35.62 2.53 -4.30	40.55 2.64 -7.61	42.61 2.69 -9.64	71.73 2.77 -36.76	106.12 3.02 -68.32	101.63 3.48 -60.73	108.39 3.93 -64.74	91.99 4.36 -42.26	88.40 5.05 -29.07	86.85 5.16 -23.65	61.83 4.62 -0.09	54.89 3.78 -0.07	47.71 2.66 -0.01	41.53 2.35 -0.01
BARRETT_IC_12 23703	40.68 2.91 0.02	36.10 2.43 -0.01	34.20 2.15 0.00	32.38 1.86 0.02	31.88 1.72 0.00	32.04 1.47 0.01	31.00 1.95 0.01	30.16 2.00 0.00	31.78 2.19 0.00	31.53 2.36 0.00	35.62 2.53 -4.30	40.55 2.64 -7.61	42.61 2.69 -9.64	71.73 2.77 -36.76	106.12 3.02 -68.32	101.63 3.48 -60.73	108.39 3.93 -64.74	91.99 4.36 -42.26	88.40 5.05 -29.07	86.85 5.16 -23.65	61.83 4.62 -0.09	54.89 3.78 -0.07	47.71 2.66 -0.01	41.53 2.35 -0.01
BARRETT_IC_2 23705	40.68 2.91 0.02	36.10 2.43 -0.01	34.20 2.15 0.00	32.38 1.86 0.02	31.88 1.72 0.00	32.04 1.47 0.01	31.00 1.95 0.01	30.16 2.00 0.00	31.78 2.19 0.00	31.53 2.36 0.00	35.62 2.53 -4.30	40.55 2.64 -7.61	42.61 2.69 -9.64	71.73 2.77 -36.76	106.12 3.02 -68.32	101.63 3.48 -60.73	108.39 3.93 -64.74	91.99 4.36 -42.26	88.40 5.05 -29.07	86.85 5.16 -23.65	61.83 4.62 -0.09	54.89 3.78 -0.07	47.71 2.66 -0.01	41.53 2.35 -0.01
BARRETT_IC_3 23706	40.68 2.91 0.02	36.10 2.43 -0.01	34.20 2.15 0.00	32.38 1.86 0.02	31.88 1.72 0.00	32.04 1.47 0.01	31.00 1.95 0.01	30.16 2.00 0.00	31.78 2.19 0.00	31.53 2.36 0.00	35.62 2.53 -4.30	40.55 2.64 -7.61	42.61 2.69 -9.64	71.73 2.77 -36.76	106.12 3.02 -68.32	101.63 3.48 -60.73	108.39 3.93 -64.74	91.99 4.36 -42.26	88.40 5.05 -29.07	86.85 5.16 -23.65	61.83 4.62 -0.09	54.89 3.78 -0.07	47.71 2.66 -0.01	41.53 2.35 -0.01
BARRETT_IC_4 23707	40.68 2.91 0.02	36.10 2.43 -0.01	34.20 2.15 0.00	32.38 1.86 0.02	31.88 1.72 0.00	32.04 1.47 0.01	31.00 1.95 0.01	30.16 2.00 0.00	31.78 2.19 0.00	31.53 2.36 0.00	35.62 2.53 -4.30	40.55 2.64 -7.61	42.61 2.69 -9.64	71.73 2.77 -36.76	106.12 3.02 -68.32	101.63 3.48 -60.73	108.39 3.93 -64.74	91.99 4.36 -42.26	88.40 5.05 -29.07	86.85 5.16 -23.65	61.83 4.62 -0.09	54.89 3.78 -0.07	47.71 2.66 -0.01	41.53 2.35 -0.01
BARRETT_IC_5 23708	40.68 2.91 0.02	36.10 2.43 -0.01	34.20 2.15 0.00	32.38 1.86 0.02	31.88 1.72 0.00	32.04 1.47 0.01	31.00 1.95 0.01	30.16 2.00 0.00	31.78 2.19 0.00	31.53 2.36 0.00	35.62 2.53 -4.30	40.55 2.64 -7.61	42.61 2.69 -9.64	71.73 2.77 -36.76	106.12 3.02 -68.32	101.63 3.48 -60.73	108.39 3.93 -64.74	91.99 4.36 -42.26	88.40 5.05 -29.07	86.85 5.16 -23.65	61.83 4.62 -0.09	54.89 3.78 -0.07	47.71 2.66 -0.01	41.53 2.35 -0.01

BARRETT_IC_6 23709	40.68 2.91 0.02	36.10 2.43 -0.01	34.20 2.15 0.00	32.38 1.86 0.02	31.88 1.72 0.00	32.04 1.47 0.01	31.00 1.95 0.01	30.16 2.00 0.00	31.78 2.19 0.00	31.53 2.36 0.00	35.62 2.53 -4.30	40.55 2.64 -7.61	42.61 2.69 -9.64	71.73 2.77 -36.76	106.12 3.02 -68.32	101.63 3.48 -60.73	108.39 3.93 -64.74	91.99 4.36 -42.26	88.40 5.05 -29.07	86.85 5.16 -23.65	61.83 4.62 -0.09	54.89 3.78 -0.07	47.71 2.66 -0.01	41.53 2.35 -0.01
BARRETT_IC_7 23710	40.67 2.91 0.03	36.10 2.42 0.00	34.19 2.15 0.01	32.38 1.86 0.02	31.88 1.72 0.00	32.04 1.47 0.01	31.00 1.95 0.01	30.11 1.94 0.00	31.78 2.19 0.00	31.53 2.36 0.00	35.62 2.53 -4.29	40.54 2.64 -7.60	42.61 2.69 -9.64	71.73 2.77 -36.76	106.12 3.03 -68.32	101.59 3.44 -60.73	108.39 3.93 -64.74	91.99 4.36 -42.26	88.40 5.05 -29.07	86.68 4.99 -23.65	61.77 4.57 -0.09	54.89 3.78 -0.07	47.92 2.88 0.00	41.72 2.55 0.00
BARRETT_IC_8 23711	40.68 2.91 0.02	36.10 2.43 -0.01	34.20 2.15 0.00	32.38 1.86 0.02	31.88 1.72 0.00	32.04 1.47 0.01	31.00 1.95 0.01	30.16 2.00 0.00	31.78 2.19 0.00	31.53 2.36 0.00	35.62 2.53 -4.30	40.55 2.64 -7.61	42.61 2.69 -9.64	71.73 2.77 -36.76	106.12 3.02 -68.32	101.63 3.48 -60.73	108.39 3.93 -64.74	91.99 4.36 -42.26	88.40 5.05 -29.07	86.85 5.16 -23.65	61.83 4.62 -0.09	54.89 3.78 -0.07	47.71 2.66 -0.01	41.53 2.35 -0.01
BARRETT_IC_9 23700	40.68 2.91 0.02	36.10 2.43 -0.01	34.20 2.15 0.00	32.38 1.86 0.02	31.88 1.72 0.00	32.04 1.47 0.01	31.00 1.95 0.01	30.16 2.00 0.00	31.78 2.19 0.00	31.53 2.36 0.00	35.62 2.53 -4.30	40.55 2.64 -7.61	42.61 2.69 -9.64	71.73 2.77 -36.76	106.12 3.02 -68.32	101.63 3.48 -60.73	108.39 3.93 -64.74	91.99 4.36 -42.26	88.40 5.05 -29.07	86.85 5.16 -23.65	61.83 4.62 -0.09	54.89 3.78 -0.07	47.71 2.66 -0.01	41.53 2.35 -0.01
BARRETT___1 23545	40.68 2.91 0.02	36.10 2.43 -0.01	34.20 2.15 0.00	32.38 1.86 0.02	31.88 1.72 0.00	32.04 1.47 0.01	31.00 1.95 0.01	30.16 2.00 0.00	31.78 2.19 0.00	31.53 2.36 0.00	35.62 2.53 -4.30	40.55 2.64 -7.61	42.61 2.69 -9.64	71.73 2.77 -36.76	106.12 3.02 -68.32	101.63 3.48 -60.73	108.39 3.93 -64.74	91.99 4.36 -42.26	88.40 5.05 -29.07	86.85 5.16 -23.65	61.83 4.62 -0.09	54.89 3.78 -0.07	47.71 2.66 -0.01	41.53 2.35 -0.01
BARRETT___2 23546	40.68 2.91 0.02	36.10 2.43 -0.01	34.20 2.15 0.00	32.38 1.86 0.02	31.88 1.72 0.00	32.04 1.47 0.01	31.00 1.95 0.01	30.16 2.00 0.00	31.78 2.19 0.00	31.53 2.36 0.00	35.62 2.53 -4.30	40.55 2.64 -7.61	42.61 2.69 -9.64	71.73 2.77 -36.76	106.12 3.02 -68.32	101.63 3.48 -60.73	108.39 3.93 -64.74	91.99 4.36 -42.26	88.40 5.05 -29.07	86.85 5.16 -23.65	61.83 4.62 -0.09	54.89 3.78 -0.07	47.71 2.66 -0.01	41.53 2.35 -0.01
BATAVIA___115KV_TB1 55881	28.71 -3.55 5.53	26.25 -3.17 4.25	24.51 -3.11 4.44	24.98 -2.99 2.56	25.18 -3.14 1.84	26.51 -3.24 0.83	24.76 -3.25 1.05	23.92 -2.53 1.71	24.31 -2.49 2.79	26.08 -2.51 0.58	25.47 -2.62 0.70	25.41 -2.76 2.14	26.05 -2.69 1.53	25.01 -2.83 4.36	26.90 -3.23 4.64	28.74 -3.89 4.79	30.31 -3.89 5.51	37.30 -4.36 3.71	43.74 -5.10 5.44	48.00 -5.40 4.63	48.91 -4.85 3.35	43.99 -4.49 2.56	39.70 -3.83 1.51	36.04 -3.13 0.00
BAYONEEC___CTG1 323682	40.26 2.49 0.03	35.76 2.09 0.00	34.03 1.99 0.01	32.32 1.80 0.02	31.88 1.72 0.00	32.13 1.56 0.01	30.94 1.89 0.01	30.10 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.76 2.45 0.00	32.82 2.54 0.00	34.87 2.67 0.00	37.62 2.85 0.00	40.83 3.40 0.00	44.13 3.85 -0.56	49.73 4.36 0.00	59.16 4.89 0.00	62.85 4.81 0.00	61.23 4.11 0.00	54.36 3.32 0.00	47.93 2.89 0.00	41.29 2.11 0.00
BAYONEEC___CTG10 323750	40.26 2.49 0.03	35.76 2.09 0.00	34.03 1.99 0.01	32.32 1.80 0.02	31.88 1.72 0.00	32.13 1.56 0.01	30.94 1.89 0.01	30.10 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.76 2.45 0.00	32.82 2.54 0.00	34.87 2.67 0.00	37.62 2.85 0.00	40.83 3.40 0.00	44.13 3.85 -0.56	49.73 4.36 0.00	59.16 4.89 0.00	62.85 4.81 0.00	61.23 4.11 0.00	54.36 3.32 0.00	47.93 2.89 0.00	41.29 2.11 0.00
BAYONEEC___CTG2 323683	40.26 2.49 0.03	35.76 2.09 0.00	34.03 1.99 0.01	32.32 1.80 0.02	31.88 1.72 0.00	32.13 1.56 0.01	30.94 1.89 0.01	30.10 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.76 2.45 0.00	32.82 2.54 0.00	34.87 2.67 0.00	37.62 2.85 0.00	40.83 3.40 0.00	44.13 3.85 -0.56	49.73 4.36 0.00	59.16 4.89 0.00	62.85 4.81 0.00	61.23 4.11 0.00	54.36 3.32 0.00	47.93 2.89 0.00	41.29 2.11 0.00
BAYONEEC___CTG3 323684	40.26 2.49 0.03	35.76 2.09 0.00	34.03 1.99 0.01	32.32 1.80 0.02	31.88 1.72 0.00	32.13 1.56 0.01	30.94 1.89 0.01	30.10 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.76 2.45 0.00	32.82 2.54 0.00	34.87 2.67 0.00	37.62 2.85 0.00	40.83 3.40 0.00	44.13 3.85 -0.56	49.73 4.36 0.00	59.16 4.89 0.00	62.85 4.81 0.00	61.23 4.11 0.00	54.36 3.32 0.00	47.93 2.89 0.00	41.29 2.11 0.00
BAYONEEC___CTG4 323685	40.26 2.49 0.03	35.76 2.09 0.00	34.03 1.99 0.01	32.32 1.80 0.02	31.88 1.72 0.00	32.13 1.56 0.01	30.94 1.89 0.01	30.10 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.76 2.45 0.00	32.82 2.54 0.00	34.87 2.67 0.00	37.62 2.85 0.00	40.83 3.40 0.00	44.13 3.85 -0.56	49.73 4.36 0.00	59.16 4.89 0.00	62.85 4.81 0.00	61.23 4.11 0.00	54.36 3.32 0.00	47.93 2.89 0.00	41.29 2.11 0.00
BAYONEEC___CTG5 323686	40.26 2.49 0.03	35.76 2.09 0.00	34.03 1.99 0.01	32.32 1.80 0.02	31.88 1.72 0.00	32.13 1.56 0.01	30.94 1.89 0.01	30.10 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.76 2.45 0.00	32.82 2.54 0.00	34.87 2.67 0.00	37.62 2.85 0.00	40.83 3.40 0.00	44.13 3.85 -0.56	49.73 4.36 0.00	59.16 4.89 0.00	62.85 4.81 0.00	61.23 4.11 0.00	54.36 3.32 0.00	47.93 2.89 0.00	41.29 2.11 0.00
BAYONEEC___CTG6 323687	40.26 2.49 0.03	35.76 2.09 0.00	34.03 1.99 0.01	32.32 1.80 0.02	31.88 1.72 0.00	32.13 1.56 0.01	30.94 1.89 0.01	30.10 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.76 2.45 0.00	32.82 2.54 0.00	34.87 2.67 0.00	37.62 2.85 0.00	40.83 3.40 0.00	44.13 3.85 -0.56	49.73 4.36 0.00	59.16 4.89 0.00	62.85 4.81 0.00	61.23 4.11 0.00	54.36 3.32 0.00	47.93 2.89 0.00	41.29 2.11 0.00
BAYONEEC___CTG7 323688	40.26 2.49 0.03	35.76 2.09 0.00	34.03 1.99 0.01	32.32 1.80 0.02	31.88 1.72 0.00	32.13 1.56 0.01	30.94 1.89 0.01	30.10 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.76 2.45 0.00	32.82 2.54 0.00	34.87 2.67 0.00	37.62 2.85 0.00	40.83 3.40 0.00	44.13 3.85 -0.56	49.73 4.36 0.00	59.16 4.89 0.00	62.85 4.81 0.00	61.23 4.11 0.00	54.36 3.32 0.00	47.93 2.89 0.00	41.29 2.11 0.00

BAYONEEC___CTG8 323689	40.26 2.49 0.03	35.76 2.09 0.00	34.03 1.99 0.01	32.32 1.80 0.02	31.88 1.72 0.00	32.13 1.56 0.01	30.94 1.89 0.01	30.10 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.76 2.45 0.00	32.82 2.54 0.00	34.87 2.67 0.00	37.62 2.85 0.00	40.83 3.40 0.00	44.13 3.85 -0.56	49.73 4.36 0.00	59.16 4.89 0.00	62.85 4.81 0.00	61.23 4.11 0.00	54.36 3.32 0.00	47.93 2.89 0.00	41.29 2.11 0.00
BAYONEEC___CTG9 323749	40.26 2.49 0.03	35.76 2.09 0.00	34.03 1.99 0.01	32.32 1.80 0.02	31.88 1.72 0.00	32.13 1.56 0.01	30.94 1.89 0.01	30.10 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.76 2.45 0.00	32.82 2.54 0.00	34.87 2.67 0.00	37.62 2.85 0.00	40.83 3.40 0.00	44.13 3.85 -0.56	49.73 4.36 0.00	59.16 4.89 0.00	62.85 4.81 0.00	61.23 4.11 0.00	54.36 3.32 0.00	47.93 2.89 0.00	41.29 2.11 0.00
BAYPORT_69_KV_BK 2 356364	41.47 3.70 0.03	36.80 3.13 0.00	34.80 2.76 0.01	32.90 2.38 0.02	32.30 2.14 0.00	32.41 1.84 0.01	31.47 2.41 0.01	30.58 2.42 0.00	32.29 2.69 0.00	32.14 2.97 0.00	36.16 3.08 -4.29	41.09 3.18 -7.60	43.09 3.18 -9.64	46.34 3.32 -10.82	47.10 3.55 -8.78	49.42 4.19 -7.81	51.42 4.85 -6.86	56.77 5.40 -6.00	61.83 6.30 -1.26	64.86 5.80 -1.02	62.13 5.03 0.01	55.43 4.39 0.00	48.60 3.56 0.00	42.39 3.21 0.00
BEACON___LESR 323632	39.00 1.21 0.00	34.75 1.08 0.00	33.24 1.19 0.00	31.61 1.07 0.00	31.25 1.08 0.00	31.66 1.07 0.00	30.14 1.08 0.00	28.95 0.79 0.00	30.30 0.71 0.00	29.81 0.64 0.00	29.42 0.63 0.00	30.97 0.67 0.00	30.85 0.57 0.00	32.75 0.55 0.00	35.47 0.70 0.00	38.39 0.97 0.00	40.59 0.87 0.00	46.37 1.00 0.00	55.31 1.03 0.00	59.37 1.34 0.00	58.43 1.31 0.00	52.16 1.12 0.00	46.12 1.08 0.00	39.88 0.71 0.00
BEAVER RIVER___HYD 24048	37.00 -0.80 0.00	33.00 -0.67 0.00	31.38 -0.67 0.00	29.93 -0.61 0.00	29.56 -0.60 0.00	30.16 -0.43 0.00	28.48 -0.58 0.00	27.52 -0.65 0.00	28.71 -0.89 0.00	28.17 -0.99 0.00	27.64 -1.15 0.00	29.09 -1.21 0.00	29.01 -1.27 0.00	30.91 -1.29 0.00	33.28 -1.49 0.00	35.74 -1.68 0.00	38.17 -1.55 0.00	43.65 -1.72 0.00	53.08 -1.19 0.00	56.81 -1.22 0.00	56.20 -0.92 0.00	50.63 -0.41 0.00	44.59 -0.45 0.00	38.94 -0.23 0.00
BEEBEE_GT_13 23619	35.13 -2.76 -0.09	31.23 -2.46 -0.01	29.66 -2.44 -0.04	28.31 -2.29 -0.06	26.73 -2.26 1.18	28.40 -2.23 -0.05	26.76 -2.32 -0.02	26.19 -1.97 0.00	27.70 -1.89 0.00	27.33 -1.84 0.00	26.92 -1.87 0.00	28.33 -1.97 0.00	28.37 -1.91 0.00	30.21 -2.00 0.00	32.48 -2.30 0.00	34.48 -2.96 -0.01	36.24 -2.98 0.50	40.65 -3.31 1.40	48.10 -3.80 2.38	51.20 -3.95 2.89	50.92 -3.60 2.59	45.89 -3.16 1.98	41.26 -2.61 1.17	37.06 -2.12 0.00
BENSHRST_27_KV_BENSHRST_1 355998	40.83 3.06 0.02	36.24 2.56 -0.01	34.49 2.44 0.00	32.76 2.23 0.01	32.34 2.17 0.00	32.53 1.96 0.01	31.15 2.09 0.01	30.19 2.03 0.00	31.81 2.22 0.00	31.44 2.27 0.00	31.30 2.50 0.00	32.94 2.64 0.00	33.03 2.76 0.00	35.07 2.87 0.00	37.83 3.06 0.00	41.05 3.63 0.00	44.49 4.21 -0.56	50.22 4.85 0.00	59.76 5.48 0.00	63.37 5.34 0.00	61.68 4.57 0.00	54.87 3.83 0.00	48.56 3.51 -0.01	41.97 2.78 -0.01
BETHLEHEM___GRP 23843	38.51 0.72 0.00	34.31 0.64 0.00	32.89 0.83 0.00	31.30 0.76 0.00	30.95 0.78 0.00	31.35 0.76 0.00	29.82 0.76 0.00	28.64 0.48 0.00	29.98 0.38 0.00	29.52 0.35 0.00	29.14 0.35 0.00	30.70 0.39 0.00	30.61 0.33 0.00	32.49 0.29 0.00	35.16 0.38 0.00	37.98 0.56 0.00	40.15 0.44 0.00	45.87 0.50 0.00	54.66 0.38 0.00	58.56 0.52 0.00	57.57 0.46 0.00	51.40 0.36 0.00	45.40 0.36 0.00	39.41 0.24 0.00
BETHLEHEM___GS1 323560	38.51 0.72 0.00	34.31 0.64 0.00	32.89 0.83 0.00	31.30 0.76 0.00	30.95 0.78 0.00	31.35 0.76 0.00	29.82 0.75 0.00	28.64 0.48 0.00	29.98 0.38 0.00	29.52 0.35 0.00	29.14 0.35 0.00	30.70 0.39 0.00	30.61 0.33 0.00	32.49 0.29 0.00	35.16 0.38 0.00	38.02 0.60 0.00	40.15 0.44 0.00	45.82 0.45 0.00	54.66 0.38 0.00	58.50 0.46 0.00	57.51 0.40 0.00	51.35 0.31 0.00	45.45 0.40 0.00	39.33 0.16 0.00
BETHLEHEM___GS2 323561	38.51 0.72 0.00	34.31 0.64 0.00	32.89 0.83 0.00	31.30 0.76 0.00	30.95 0.78 0.00	31.35 0.76 0.00	29.82 0.75 0.00	28.64 0.48 0.00	29.98 0.38 0.00	29.52 0.35 0.00	29.14 0.35 0.00	30.70 0.39 0.00	30.61 0.33 0.00	32.49 0.29 0.00	35.16 0.38 0.00	38.02 0.60 0.00	40.15 0.44 0.00	45.82 0.45 0.00	54.66 0.38 0.00	58.50 0.46 0.00	57.51 0.40 0.00	51.35 0.31 0.00	45.45 0.40 0.00	39.33 0.16 0.00
BETHLEHEM___GS3 323562	38.51 0.72 0.00	34.31 0.64 0.00	32.89 0.83 0.00	31.30 0.76 0.00	30.95 0.78 0.00	31.35 0.76 0.00	29.82 0.75 0.00	28.64 0.48 0.00	29.98 0.38 0.00	29.52 0.35 0.00	29.14 0.35 0.00	30.70 0.39 0.00	30.61 0.33 0.00	32.49 0.29 0.00	35.16 0.38 0.00	38.02 0.60 0.00	40.15 0.44 0.00	45.82 0.45 0.00	54.66 0.38 0.00	58.50 0.46 0.00	57.51 0.40 0.00	51.35 0.31 0.00	45.45 0.40 0.00	39.33 0.16 0.00
BETHLEHEM___STEEL 23779	23.54 -4.23 10.02	21.99 -3.77 7.91	20.24 -3.65 8.16	22.44 -3.51 4.58	24.25 -3.62 2.29	25.50 -3.64 1.45	23.61 -3.57 1.88	22.07 -2.99 3.11	21.58 -2.93 5.09	25.25 -2.86 1.06	24.59 -2.94 1.27	23.32 -3.09 3.89	24.46 -3.03 2.78	21.07 -3.19 7.94	22.78 -3.55 8.45	24.47 -4.04 8.91	25.95 -3.97 9.79	35.43 -4.40 5.54	41.12 -5.32 7.84	46.39 -5.69 5.95	47.79 -5.43 3.90	43.06 -5.00 2.97	38.68 -4.59 1.76	35.45 -3.72 0.00
BETHLHEM_115KV_TB1 79974	38.59 0.79 0.00	34.34 0.67 0.00	32.92 0.87 0.00	31.30 0.76 0.00	30.95 0.78 0.00	31.35 0.76 0.00	29.85 0.78 0.00	28.67 0.51 0.00	30.04 0.44 0.00	29.57 0.41 0.00	29.19 0.40 0.00	30.76 0.45 0.00	30.67 0.39 0.00	32.56 0.35 0.00	35.22 0.45 0.00	38.06 0.64 0.00	40.27 0.56 0.00	45.96 0.59 0.00	54.77 0.49 0.00	58.73 0.70 0.00	57.68 0.57 0.00	51.50 0.46 0.00	45.49 0.45 0.00	39.49 0.31 0.00
BETHPAGE_CC_5 323564	40.94 3.18 0.03	36.30 2.63 0.00	34.38 2.34 0.01	32.53 2.02 0.02	32.03 1.87 0.00	32.16 1.59 0.01	31.15 2.09 0.01	30.33 2.17 0.00	31.96 2.37 0.00	31.73 2.57 0.00	35.85 2.76 -4.29	40.75 2.85 -7.60	42.85 2.94 -9.64	47.59 3.03 -12.36	50.36 3.27 -12.32	52.19 3.82 -10.95	54.22 4.21 -10.29	58.24 4.72 -8.15	62.67 5.48 -2.91	65.86 5.45 -2.37	61.80 4.68 0.00	54.97 3.93 0.00	47.88 2.84 0.00	41.80 2.63 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	23.94 -4.04 9.81	22.34 -3.60 7.73	20.58 -3.49 7.98	22.69 -3.36 4.49	24.42 -3.50 2.24	25.68 -3.49 1.42	23.82 -3.40 1.84	22.28 -2.84 3.04	21.87 -2.75 4.97	25.39 -2.74 1.04	24.76 -2.79 1.24	23.57 -2.94 3.80	24.65 -2.91 2.72	21.42 -3.03 7.76	23.15 -3.37 8.25	24.90 -3.82 8.70	26.41 -3.73 9.57	35.81 -4.13 5.43	41.65 -4.94 7.69	46.90 -5.28 5.85	48.19 -5.08 3.84	43.41 -4.70 2.93	38.84 -4.46 1.74	35.53 -3.64 0.00

BINGHAMTON___COGEN 23790	37.13 -0.45 0.21	33.30 -0.37 0.00	31.57 -0.42 0.07	30.00 -0.40 0.14	29.94 -0.45 -0.22	30.05 -0.43 0.11	28.52 -0.49 0.05	27.80 -0.37 0.00	29.24 -0.36 0.00	28.82 -0.35 0.00	28.42 -0.37 0.00	29.88 -0.42 0.00	29.88 -0.39 0.00	31.88 -0.32 0.00	34.39 -0.38 0.00	36.90 -0.52 0.00	39.15 -0.44 0.13	44.53 -0.50 0.34	53.15 -0.54 0.58	56.79 -0.52 0.72	56.13 -0.40 0.58	50.03 -0.51 0.50	44.11 -0.63 0.30	38.67 -0.51 0.00
BIXINCNT_115KV_LOAD 355685	24.58 -4.23 8.98	22.91 -3.74 7.02	21.19 -3.59 7.27	23.00 -3.42 4.12	24.52 -3.59 2.05	25.81 -3.46 1.32	24.09 -3.28 1.69	22.61 -2.79 2.76	22.39 -2.69 4.51	25.40 -2.83 0.94	24.67 -2.99 1.13	23.73 -3.12 3.45	24.66 -3.15 2.47	21.87 -3.28 7.05	23.63 -3.65 7.50	25.43 -4.08 7.91	27.10 -3.89 8.73	36.29 -4.08 5.00	42.62 -4.56 7.10	47.87 -4.70 5.46	48.99 -4.51 3.61	43.99 -4.29 2.76	38.99 -4.41 1.64	35.53 -3.64 0.00
BLACK RIVER___HYD 24047	37.61 -0.19 0.00	33.57 -0.10 0.00	31.89 -0.16 0.00	30.39 -0.15 0.00	29.99 -0.18 0.00	30.65 0.06 0.00	28.86 -0.20 0.00	27.91 -0.25 0.00	29.06 -0.53 0.00	28.52 -0.64 0.00	27.90 -0.89 0.00	29.37 -0.94 0.00	29.25 -1.03 0.00	31.24 -0.97 0.00	33.59 -1.18 0.00	35.96 -1.46 0.00	38.49 -1.23 0.00	44.10 -1.27 0.00	53.84 -0.44 0.00	57.63 -0.40 0.00	57.05 -0.06 0.00	51.30 0.26 0.00	45.04 0.00 0.00	39.29 0.12 0.00
BLACKRVR_115KV_TB2 79977	37.60 -0.19 0.00	33.57 -0.10 0.00	31.89 -0.16 0.00	30.38 -0.15 0.00	29.98 -0.18 0.00	30.65 0.06 0.00	28.86 -0.20 0.00	27.91 -0.25 0.00	29.06 -0.53 0.00	28.52 -0.64 0.00	27.90 -0.89 0.00	29.37 -0.94 0.00	29.25 -1.03 0.00	31.24 -0.97 0.00	33.59 -1.18 0.00	36.00 -1.42 0.00	38.49 -1.23 0.00	44.10 -1.27 0.00	53.84 -0.43 0.00	57.63 -0.41 0.00	57.05 -0.06 0.00	51.30 0.26 0.00	45.04 0.00 0.00	39.25 0.08 0.00
BLISS_WT_PWR 323608	24.36 -4.46 8.98	22.71 -3.94 7.02	21.00 -3.78 7.27	22.84 -3.57 4.12	24.34 -3.77 2.05	25.65 -3.61 1.32	23.94 -3.43 1.69	22.50 -2.90 2.76	22.24 -2.84 4.51	25.22 -3.00 0.94	24.47 -3.20 1.13	23.52 -3.33 3.45	24.41 -3.39 2.47	21.61 -3.54 7.05	23.38 -3.89 7.50	25.28 -4.23 7.91	26.86 -4.13 8.73	36.06 -4.31 5.00	42.35 -4.83 7.10	47.64 -4.93 5.46	48.82 -4.68 3.61	43.94 -4.34 2.76	38.90 -4.50 1.64	35.38 -3.80 0.00
BLUESTONE___WT_PWR 323821	39.52 0.76 -0.97	35.41 0.74 -1.00	33.63 0.64 -0.94	31.53 0.61 -0.38	31.15 0.54 -0.44	31.29 0.67 -0.03	28.97 -0.26 -0.17	28.41 -0.14 -0.39	29.96 -0.27 -0.64	28.98 -0.32 -0.13	28.49 -0.46 -0.16	30.25 -0.54 -0.49	30.05 -0.58 -0.35	32.74 -0.45 -0.99	35.31 -0.52 -1.06	37.98 -0.56 -1.12	40.43 -0.36 -1.07	45.42 -0.23 -0.28	54.81 0.27 -0.26	58.34 0.46 0.15	57.65 0.80 0.26	51.55 0.77 0.25	45.43 0.54 0.15	39.68 0.51 0.00
BLUE_CIRC_CHEM_DRP 24182	38.93 1.13 0.00	34.72 1.04 0.00	33.14 1.09 0.00	31.55 1.01 0.00	31.19 1.03 0.00	31.56 0.98 0.00	29.99 0.93 0.00	28.84 0.68 0.00	30.16 0.56 0.00	29.66 0.50 0.00	29.28 0.49 0.00	30.79 0.48 0.00	30.70 0.42 0.00	32.62 0.42 0.00	35.29 0.52 0.00	38.13 0.71 0.00	40.43 0.71 0.00	46.23 0.86 0.00	55.31 1.03 0.00	59.37 1.33 0.00	58.42 1.31 0.00	52.16 1.12 0.00	46.08 1.04 0.00	40.00 0.82 0.00
BOC_GAS_DRP 24189	38.66 0.87 0.00	34.41 0.74 0.00	32.85 0.80 0.00	31.27 0.73 0.00	30.92 0.75 0.00	31.32 0.73 0.00	29.79 0.73 0.00	28.78 0.62 0.00	30.16 0.56 0.00	29.72 0.55 0.00	29.37 0.58 0.00	30.91 0.61 0.00	30.88 0.61 0.00	32.78 0.58 0.00	35.43 0.66 0.00	38.24 0.82 0.00	40.51 0.79 0.00	46.28 0.91 0.00	55.20 0.92 0.00	59.02 0.99 0.00	58.02 0.91 0.00	51.81 0.77 0.00	45.72 0.68 0.00	39.65 0.47 0.00
BOONVILLE_115KV_TB1 79983	37.72 -0.08 0.00	33.64 -0.03 0.00	31.99 -0.06 0.00	30.48 -0.06 0.00	30.11 -0.06 0.00	30.65 0.06 0.00	29.03 -0.03 0.00	28.11 -0.06 0.00	29.42 -0.18 0.00	28.93 -0.23 0.00	28.45 -0.35 0.00	29.94 -0.36 0.00	29.85 -0.42 0.00	31.82 -0.39 0.00	34.29 -0.49 0.00	36.86 -0.56 0.00	39.24 -0.48 0.00	44.87 -0.50 0.00	54.17 -0.11 0.00	57.92 -0.12 0.00	57.17 0.06 0.00	51.30 0.26 0.00	45.18 0.14 0.00	39.33 0.16 0.00
BORALEX_4TH_BRANCH 23824	39.76 1.97 0.00	35.29 1.62 0.00	33.62 1.57 0.00	31.97 1.44 0.00	31.67 1.51 0.00	32.18 1.59 0.00	30.69 1.63 0.00	29.63 1.46 0.00	30.93 1.33 0.00	30.48 1.31 0.00	30.03 1.24 0.00	31.70 1.39 0.00	31.61 1.33 0.00	33.46 1.26 0.00	36.16 1.39 0.00	39.14 1.72 0.00	41.27 1.55 0.00	47.18 1.81 0.00	56.07 1.79 0.00	60.07 2.03 0.00	59.11 2.00 0.00	52.83 1.79 0.00	46.75 1.71 0.00	40.19 1.02 0.00
BOWLINE___1 23526	39.80 2.04 0.03	35.35 1.68 0.00	33.65 1.60 0.01	31.98 1.47 0.02	31.58 1.42 0.00	31.85 1.28 0.02	30.56 1.51 0.01	29.68 1.52 0.00	31.25 1.66 0.00	30.86 1.69 0.00	30.64 1.84 0.00	32.22 1.91 0.00	32.24 1.97 0.00	34.29 2.09 0.00	37.03 2.26 0.00	40.15 2.73 0.00	42.82 3.10 0.00	48.86 3.49 0.00	58.19 3.91 0.00	61.92 3.89 0.00	60.42 3.31 0.00	53.74 2.70 0.00	47.34 2.30 0.00	40.86 1.68 0.00
BOWLINE___2 23595	39.80 2.04 0.03	35.35 1.68 0.00	33.65 1.60 0.01	31.98 1.47 0.02	31.58 1.42 0.00	31.85 1.28 0.02	30.56 1.51 0.01	29.68 1.52 0.00	31.28 1.69 0.00	30.86 1.69 0.00	30.64 1.84 0.00	32.22 1.91 0.00	32.24 1.97 0.00	34.29 2.09 0.00	37.03 2.26 0.00	40.15 2.73 0.00	42.82 3.10 0.00	48.86 3.49 0.00	58.19 3.91 0.00	61.92 3.89 0.00	60.42 3.31 0.00	53.74 2.70 0.00	47.34 2.30 0.00	40.86 1.68 0.00
BRADY___115KV_TB2 356060	37.79 0.00 0.00	33.71 0.03 0.00	32.05 0.00 0.00	30.60 0.06 0.00	30.23 0.06 0.00	30.71 0.12 0.00	29.00 -0.06 0.00	27.99 -0.17 0.00	29.39 -0.21 0.00	28.90 -0.26 0.00	28.50 -0.29 0.00	29.97 -0.33 0.00	29.94 -0.33 0.00	31.88 -0.32 0.00	34.43 -0.35 0.00	37.12 -0.30 0.00	39.60 -0.12 0.00	45.05 -0.32 0.00	54.17 -0.11 0.00	58.03 0.00 0.00	57.23 0.11 0.00	51.50 0.46 0.00	45.40 0.36 0.00	39.76 0.59 0.00
BRANSCOMB___SOLAR 323811	39.91 2.12 0.00	35.56 1.88 0.00	33.85 1.79 0.00	32.15 1.62 0.00	31.85 1.69 0.00	32.24 1.65 0.00	30.63 1.57 0.00	29.49 1.32 0.00	30.78 1.18 0.00	30.19 1.02 0.00	29.63 0.84 0.00	31.15 0.85 0.00	30.91 0.64 0.00	32.78 0.58 0.00	35.54 0.76 0.00	38.51 1.09 0.00	40.91 1.19 0.00	47.00 1.63 0.00	56.45 2.17 0.00	61.05 3.02 0.00	60.31 3.20 0.00	53.85 2.81 0.00	47.47 2.43 0.00	41.02 1.84 0.00
BRDGHMPT_69_KV_BK1 55812	41.05 3.29 0.03	36.50 2.83 0.00	34.48 2.44 0.01	32.56 2.05 0.02	31.97 1.81 0.00	32.01 1.44 0.01	31.20 2.15 0.01	30.39 2.22 0.00	32.14 2.55 0.00	32.08 2.92 0.00	36.05 2.97 -4.29	40.91 3.00 -7.60	42.94 3.03 -9.64	45.96 3.09 -10.67	46.47 3.27 -8.43	48.99 4.08 -7.49	51.07 4.85 -6.51	56.46 5.31 -5.78	61.61 6.24 -1.10	64.73 5.80 -0.89	61.85 4.74 0.01	55.02 3.98 0.00	48.37 3.33 0.00	42.23 3.06 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	41.24 3.48 0.03	36.57 2.90 0.00	34.61 2.56 0.01	32.75 2.23 0.02	32.18 2.02 0.00	32.28 1.71 0.01	31.35 2.30 0.01	30.44 2.28 0.00	32.14 2.55 0.00	31.94 2.77 0.00	35.99 2.91 -4.29	40.91 3.00 -7.60	42.94 3.03 -9.64	46.21 3.16 -10.85	47.04 3.41 -8.86	49.22 3.93 -7.87	51.14 4.49 -6.93	56.45 5.04 -6.04	61.44 5.86 -1.30	64.60 5.51 -1.05	61.96 4.85 0.01	55.17 4.13 0.00	48.33 3.29 0.00	42.19 3.02 0.00
BRISTLHL_115KV_TB1 79998	36.81 -0.98 0.00	32.80 -0.88 0.00	31.22 -0.83 0.00	29.71 -0.82 0.00	29.35 -0.81 0.00	29.79 -0.80 0.00	28.25 -0.81 0.00	27.43 -0.73 0.00	28.85 -0.74 0.00	28.44 -0.73 0.00	28.01 -0.78 0.00	29.46 -0.85 0.00	29.46 -0.82 0.00	31.37 -0.84 0.00	33.83 -0.94 0.00	36.22 -1.20 0.00	38.73 -1.35 -0.36	44.85 -1.50 -0.98	54.26 -1.68 -1.66	58.38 -1.68 -2.03	57.31 -1.54 -1.74	51.00 -1.43 -1.39	44.55 -1.31 -0.82	38.08 -1.10 0.00
BROOKHAVEN___DRP 24191	40.94 3.17 0.03	36.43 2.76 0.00	34.45 2.40 0.01	32.56 2.05 0.02	32.00 1.84 0.00	32.07 1.50 0.01	31.15 2.09 0.01	30.27 2.11 0.00	31.96 2.37 0.00	31.79 2.62 0.00	35.76 2.68 -4.29	40.60 2.70 -7.60	42.61 2.69 -9.64	45.57 2.71 -10.66	46.08 2.89 -8.42	48.38 3.48 -7.48	50.31 4.09 -6.50	55.64 4.49 -5.78	60.58 5.21 -1.09	63.62 4.70 -0.89	61.10 4.00 0.01	54.51 3.47 0.00	47.92 2.88 0.00	41.84 2.66 0.00
BROOKLYN_NAVY_YARD 23515	40.22 2.46 0.03	35.69 2.02 0.00	33.97 1.92 0.01	32.26 1.74 0.02	31.85 1.69 0.00	32.10 1.53 0.01	30.92 1.86 0.01	30.10 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.15 2.36 0.00	32.73 2.43 0.00	32.79 2.51 0.00	34.84 2.64 0.00	37.59 2.82 0.00	40.79 3.37 0.00	44.09 3.81 -0.56	49.68 4.31 0.00	59.16 4.89 0.00	62.79 4.76 0.00	61.17 4.06 0.00	54.31 3.27 0.00	47.93 2.89 0.00	41.29 2.11 0.00
BROOKLYN___ARMY_DRP 323595	40.68 2.91 0.02	36.10 2.42 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.69 2.10 0.00	31.30 2.13 0.00	31.15 2.36 0.00	32.79 2.48 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.89 0.00	40.86 3.44 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.43 5.16 0.00	63.08 5.05 0.00	61.39 4.28 0.00	54.61 3.57 0.00	48.34 3.29 -0.01	41.77 2.59 -0.01
BROOME_2_LFGE 323671	37.13 -0.45 0.21	33.27 -0.40 0.00	31.57 -0.42 0.07	30.00 -0.40 0.14	29.94 -0.45 -0.22	30.02 -0.46 0.11	28.52 -0.49 0.05	27.80 -0.37 0.00	29.24 -0.35 0.00	28.82 -0.35 0.00	28.42 -0.38 0.00	29.88 -0.42 0.00	29.88 -0.39 0.00	31.88 -0.32 0.00	34.39 -0.38 0.00	36.93 -0.49 0.00	39.15 -0.44 0.13	44.53 -0.50 0.34	53.15 -0.54 0.58	56.84 -0.47 0.72	56.14 -0.40 0.58	50.08 -0.46 0.50	44.11 -0.63 0.30	38.63 -0.55 0.00
BROOME___LFGE 323600	37.13 -0.45 0.21	33.27 -0.40 0.00	31.57 -0.42 0.07	30.00 -0.40 0.14	29.94 -0.45 -0.22	30.02 -0.46 0.11	28.52 -0.49 0.05	27.80 -0.37 0.00	29.24 -0.35 0.00	28.82 -0.35 0.00	28.42 -0.38 0.00	29.88 -0.42 0.00	29.88 -0.39 0.00	31.88 -0.32 0.00	34.39 -0.38 0.00	36.93 -0.49 0.00	39.15 -0.44 0.13	44.53 -0.50 0.34	53.15 -0.54 0.58	56.84 -0.47 0.72	56.14 -0.40 0.58	50.08 -0.46 0.50	44.11 -0.63 0.30	38.63 -0.55 0.00
BROWNFLS_115KV_TB 3_5 80003	36.92 -0.87 0.00	32.93 -0.74 0.00	31.35 -0.71 0.00	29.90 -0.64 0.00	29.53 -0.63 0.00	30.07 -0.52 0.00	28.39 -0.67 0.00	27.43 -0.73 0.00	28.71 -0.89 0.00	28.23 -0.93 0.00	27.75 -1.04 0.00	29.15 -1.15 0.00	29.10 -1.18 0.00	31.01 -1.19 0.00	33.42 -1.36 0.00	35.96 -1.46 0.00	38.37 -1.35 0.00	43.78 -1.59 0.00	52.97 -1.30 0.00	56.70 -1.33 0.00	55.97 -1.14 0.00	50.43 -0.61 0.00	44.46 -0.59 0.00	38.86 -0.31 0.00
BROWNSV1_27_KV_LOAD 356125	40.60 2.83 0.03	36.03 2.36 0.00	34.26 2.21 0.01	32.53 2.02 0.02	32.12 1.96 0.00	32.38 1.80 0.01	31.15 2.09 0.01	30.30 2.14 0.00	31.99 2.40 0.00	31.59 2.42 0.00	31.41 2.62 0.00	33.00 2.70 0.00	33.06 2.79 0.00	35.13 2.93 0.00	37.94 3.16 0.00	41.09 3.67 0.00	44.48 4.21 -0.56	50.13 4.76 0.00	59.71 5.43 0.00	63.37 5.34 0.00	61.74 4.63 0.00	54.87 3.83 0.00	48.37 3.33 0.00	41.76 2.59 0.00
BURROWS___LYONSDAL 23803	37.42 -0.38 0.00	33.37 -0.30 0.00	31.77 -0.29 0.00	30.26 -0.27 0.00	29.89 -0.27 0.00	30.46 -0.12 0.00	28.83 -0.23 0.00	27.91 -0.25 0.00	29.18 -0.41 0.00	28.67 -0.50 0.00	28.19 -0.60 0.00	29.67 -0.64 0.00	29.58 -0.70 0.00	31.53 -0.68 0.00	33.97 -0.80 0.00	36.49 -0.94 0.00	38.88 -0.83 0.00	44.46 -0.91 0.00	53.79 -0.49 0.00	57.57 -0.46 0.00	56.83 -0.29 0.00	51.09 0.05 0.00	45.00 -0.05 0.00	39.18 0.00 0.00
CAITHNESS_CC_1 323624	40.86 3.10 0.03	36.37 2.69 0.00	34.38 2.34 0.01	32.53 2.02 0.02	31.97 1.81 0.00	32.04 1.47 0.01	31.12 2.06 0.01	30.30 2.14 0.00	31.93 2.34 0.00	31.76 2.59 0.00	35.73 2.65 -4.29	40.57 2.67 -7.60	42.58 2.66 -9.64	45.56 2.71 -10.66	46.07 2.88 -8.41	48.41 3.52 -7.47	50.26 4.05 -6.49	55.59 4.45 -5.77	60.46 5.10 -1.09	63.85 4.93 -0.88	61.04 3.94 0.00	54.51 3.47 0.00	47.47 2.43 0.00	41.61 2.43 0.00
CALPINE BETH_PAGE_GT4 24209	40.94 3.17 0.03	36.30 2.63 0.00	34.38 2.34 0.01	32.56 2.05 0.02	32.03 1.87 0.00	32.16 1.59 0.01	31.15 2.09 0.01	30.27 2.11 0.00	31.96 2.37 0.00	31.73 2.57 0.00	35.85 2.76 -4.29	40.75 2.85 -7.60	42.85 2.94 -9.64	48.48 2.96 -13.31	52.48 3.20 -14.51	53.98 3.67 -12.90	56.23 4.09 -12.42	59.44 4.58 -9.48	63.53 5.32 -3.94	66.28 5.05 -3.20	61.63 4.51 0.00	54.82 3.78 0.00	48.10 3.06 0.00	42.00 2.82 0.00
CALPINE_BETH_PAGE_GT_4 323586	40.94 3.18 0.03	36.30 2.63 0.00	34.38 2.34 0.01	32.53 2.02 0.02	32.03 1.87 0.00	32.16 1.59 0.01	31.15 2.09 0.01	30.30 2.14 0.00	31.96 2.37 0.00	31.73 2.57 0.00	35.85 2.76 -4.29	40.75 2.85 -7.60	42.85 2.94 -9.64	48.48 2.96 -13.31	52.48 3.20 -14.51	54.06 3.74 -12.90	56.19 4.05 -12.42	59.43 4.58 -9.48	63.48 5.26 -3.94	66.52 5.28 -3.20	61.63 4.51 -0.01	54.82 3.78 0.00	47.88 2.84 0.00	41.80 2.63 0.00
CALPINE_BP_GT1 23823	40.94 3.18 0.03	36.30 2.63 0.00	34.38 2.34 0.01	32.53 2.02 0.02	32.03 1.87 0.00	32.16 1.59 0.01	31.15 2.09 0.01	30.30 2.14 0.00	31.96 2.37 0.00	31.73 2.57 0.00	35.85 2.76 -4.29	40.75 2.85 -7.60	42.85 2.94 -9.64	48.48 2.96 -13.31	52.48 3.20 -14.51	54.06 3.74 -12.90	56.19 4.05 -12.42	59.43 4.58 -9.48	63.48 5.26 -3.94	66.52 5.28 -3.20	61.63 4.51 -0.01	54.82 3.78 0.00	47.88 2.84 0.00	41.80 2.63 0.00
CALSPAN___DRP 24200	23.54 -4.23 10.02	21.99 -3.77 7.91	20.24 -3.65 8.16	22.44 -3.51 4.58	24.25 -3.62 2.29	25.50 -3.64 1.45	23.61 -3.57 1.88	22.07 -2.99 3.11	21.58 -2.93 5.09	25.25 -2.86 1.06	24.59 -2.94 1.27	23.32 -3.09 3.89	24.46 -3.03 2.78	21.07 -3.19 7.94	22.78 -3.55 8.45	24.47 -4.04 8.91	25.95 -3.97 9.79	35.43 -4.40 5.54	41.12 -5.32 7.84	46.39 -5.69 5.95	47.79 -5.43 3.90	43.06 -5.00 2.97	38.68 -4.59 1.76	35.45 -3.72 0.00

CALVERTON___SOLAR 323806	40.94 3.18 0.03	36.46 2.79 0.00	34.48 2.43 0.01	32.60 2.08 0.02	32.03 1.87 0.00	32.10 1.53 0.01	31.20 2.15 0.01	30.36 2.20 0.00	31.99 2.40 0.00	31.85 2.68 0.00	35.79 2.71 -4.29	40.63 2.73 -7.60	42.64 2.73 -9.64	45.60 2.74 -10.66	46.08 2.88 -8.42	48.53 3.63 -7.48	50.39 4.17 -6.50	55.73 4.58 -5.78	60.69 5.32 -1.09	64.08 5.16 -0.89	61.16 4.06 0.00	54.61 3.57 0.00	47.52 2.48 0.00	41.72 2.54 0.00
CANDIGU_WT_PWR 323617	-6.00 -2.53 41.26	-4.70 -2.22 36.14	-6.00 -2.18 35.87	10.58 -2.05 17.91	21.56 -2.05 6.56	24.22 -2.05 4.31	19.44 -2.09 7.53	12.13 -1.92 14.11	4.49 -2.01 23.09	22.28 -2.07 4.82	20.84 -2.19 5.76	10.38 -2.27 17.65	15.46 -2.18 12.64	-6.00 -2.16 36.05	-6.00 -2.44 38.34	-6.00 -2.69 40.73	-5.94 -2.66 42.99	21.68 -2.81 20.88	22.92 -3.20 28.16	37.54 -2.90 17.59	46.06 -2.23 8.82	42.07 -2.19 6.78	38.84 -2.16 4.04	37.34 -1.84 0.00
CARR STREET_E_SYR 24060	37.04 -0.76 0.00	33.00 -0.67 0.00	31.38 -0.67 0.00	29.89 -0.64 0.00	29.53 -0.63 0.00	29.97 -0.61 0.00	28.39 -0.67 0.00	27.60 -0.56 0.00	29.03 -0.56 0.00	28.61 -0.56 0.00	28.22 -0.58 0.00	29.67 -0.64 0.00	29.67 -0.61 0.00	31.62 -0.58 0.00	34.11 -0.66 0.00	36.49 -0.93 0.00	38.47 -1.03 0.21	43.66 -1.13 0.58	52.05 -1.25 0.98	55.62 -1.22 1.19	55.06 -1.03 1.02	49.20 -1.02 0.82	43.61 -0.95 0.48	38.43 -0.75 0.00
CARTHAGE___PAPER 23857	37.30 -0.49 0.00	33.30 -0.37 0.00	31.64 -0.42 0.00	30.17 -0.37 0.00	29.80 -0.36 0.00	30.43 -0.15 0.00	28.68 -0.38 0.00	27.74 -0.42 0.00	28.88 -0.71 0.00	28.35 -0.82 0.00	27.76 -1.04 0.00	29.21 -1.09 0.00	29.13 -1.15 0.00	31.07 -1.13 0.00	33.42 -1.36 0.00	35.85 -1.57 0.00	38.37 -1.35 0.00	43.92 -1.45 0.00	53.52 -0.76 0.00	57.28 -0.76 0.00	56.65 -0.46 0.00	51.04 0.00 0.00	44.91 -0.13 0.00	39.14 -0.04 0.00
CASSADAGA_WT_PWR 323784	24.28 -4.04 9.47	22.69 -3.53 7.45	20.96 -3.40 7.70	23.00 -3.21 4.33	24.71 -3.32 2.14	25.90 -3.30 1.38	24.09 -3.20 1.78	22.54 -2.70 2.92	22.18 -2.63 4.78	25.49 -2.68 1.00	24.78 -2.82 1.19	23.65 -3.00 3.66	24.69 -2.97 2.62	21.65 -3.09 7.46	23.43 -3.41 7.94	25.51 -3.52 8.39	27.07 -3.42 9.23	36.50 -3.63 5.23	42.63 -4.23 7.42	48.08 -4.29 5.66	49.63 -3.77 3.71	44.48 -3.72 2.84	39.57 -3.78 1.68	35.92 -3.25 0.00
CE_DUNWOOD___DRP 24194	40.03 2.27 0.03	35.59 1.92 0.00	33.87 1.83 0.01	32.20 1.68 0.02	31.76 1.60 0.00	32.04 1.47 0.02	30.77 1.71 0.01	29.88 1.72 0.00	31.49 1.89 0.00	31.09 1.92 0.00	30.86 2.07 0.00	32.46 2.15 0.00	32.49 2.21 0.00	34.52 2.32 0.00	37.28 2.50 0.00	40.38 2.96 0.00	43.13 3.42 0.00	49.23 3.86 0.00	58.62 4.34 0.00	62.33 4.29 0.00	60.82 3.71 0.00	54.05 3.01 0.00	47.65 2.61 0.00	41.21 2.04 0.00
CE_MILLWOOD___DRP 24193	39.96 2.19 0.03	35.52 1.85 0.00	33.81 1.76 0.01	32.14 1.62 0.02	31.70 1.54 0.00	32.01 1.44 0.02	30.71 1.66 0.01	29.82 1.66 0.00	31.40 1.81 0.00	31.00 1.84 0.00	30.78 1.99 0.00	32.37 2.06 0.00	32.40 2.12 0.00	34.42 2.22 0.00	37.17 2.40 0.00	40.26 2.84 0.00	43.01 3.30 0.00	49.09 3.72 0.00	58.46 4.18 0.00	62.16 4.12 0.00	60.65 3.54 0.00	53.95 2.91 0.00	47.56 2.52 0.00	41.13 1.96 0.00
CE_NYC2_DRP 24202	40.46 2.68 0.02	35.90 2.22 -0.01	34.17 2.12 0.00	32.48 1.95 0.01	32.04 1.87 0.00	32.28 1.71 0.01	31.00 1.95 0.01	30.11 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.21 2.42 0.00	32.82 2.52 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.62 2.85 0.00	40.79 3.37 0.00	44.13 3.85 -0.56	49.82 4.45 0.00	59.22 4.94 0.00	62.85 4.82 0.00	61.22 4.11 0.00	54.41 3.37 0.00	48.06 3.02 0.00	41.53 2.35 0.00
CE_NYC_DRP 24195	40.33 2.57 0.03	35.79 2.12 0.00	34.06 2.02 0.01	32.35 1.83 0.02	31.94 1.78 0.00	32.19 1.62 0.01	30.97 1.92 0.01	30.13 1.97 0.00	31.78 2.19 0.00	31.38 2.22 0.00	31.21 2.42 0.00	32.79 2.48 0.00	32.85 2.57 0.00	34.91 2.71 0.00	37.66 2.89 0.00	40.79 3.37 0.00	44.16 3.89 -0.55	49.77 4.40 0.00	59.27 4.99 0.00	62.91 4.87 0.00	61.34 4.23 0.00	54.46 3.42 0.00	48.01 2.97 0.00	41.49 2.31 0.00
CHAFFEE___LFGE 323603	24.28 -4.01 9.51	22.63 -3.57 7.47	20.84 -3.49 7.73	22.85 -3.33 4.36	24.49 -3.50 2.17	25.71 -3.49 1.39	23.88 -3.40 1.79	22.35 -2.87 2.94	22.01 -2.78 4.80	25.42 -2.74 1.00	24.77 -2.82 1.20	23.69 -2.94 3.67	24.74 -2.91 2.63	21.67 -3.03 7.50	23.42 -3.37 7.98	25.34 -3.67 8.42	26.76 -3.69 9.27	36.01 -4.08 5.27	41.81 -4.99 7.47	46.99 -5.34 5.71	48.50 -4.85 3.75	43.53 -4.64 2.87	38.97 -4.37 1.70	35.45 -3.72 0.00
CHATEAUG_35_KV_LOAD 355732	37.15 -0.64 0.00	33.10 -0.57 0.00	31.54 -0.51 0.00	30.11 -0.43 0.00	29.74 -0.42 0.00	30.13 -0.46 0.00	28.51 -0.55 0.00	27.60 -0.56 0.00	29.03 -0.56 0.00	28.64 -0.52 0.00	28.30 -0.49 0.00	29.82 -0.48 0.00	29.79 -0.48 0.00	31.72 -0.48 0.00	34.36 -0.42 0.00	37.08 -0.34 0.00	39.52 -0.20 0.00	45.05 -0.32 0.00	54.17 -0.11 0.00	58.03 0.00 0.00	57.00 -0.11 0.00	51.19 0.15 0.00	45.18 0.14 0.00	39.61 0.43 0.00
CHATEAUG_WT_PWR 323614	37.15 -0.64 0.00	33.10 -0.57 0.00	31.54 -0.51 0.00	30.08 -0.46 0.00	29.71 -0.45 0.00	30.13 -0.46 0.00	28.51 -0.55 0.00	27.63 -0.54 0.00	29.09 -0.50 0.00	28.70 -0.47 0.00	28.36 -0.43 0.00	29.85 -0.45 0.00	29.85 -0.42 0.00	31.78 -0.42 0.00	34.39 -0.38 0.00	37.12 -0.30 0.00	39.56 -0.16 0.00	45.05 -0.32 0.00	54.11 -0.16 0.00	57.92 -0.12 0.00	56.88 -0.23 0.00	51.09 0.05 0.00	45.09 0.05 0.00	39.49 0.31 0.00
CHAT_HIGH_FALL_HYD 323578	37.15 -0.64 0.00	33.10 -0.57 0.00	31.54 -0.51 0.00	30.11 -0.43 0.00	29.74 -0.42 0.00	30.13 -0.46 0.00	28.51 -0.55 0.00	27.60 -0.56 0.00	29.03 -0.56 0.00	28.64 -0.52 0.00	28.30 -0.49 0.00	29.82 -0.48 0.00	29.79 -0.48 0.00	31.72 -0.48 0.00	34.36 -0.42 0.00	37.08 -0.34 0.00	39.52 -0.20 0.00	45.05 -0.32 0.00	54.17 -0.11 0.00	58.03 0.00 0.00	57.00 -0.11 0.00	51.19 0.15 0.00	45.18 0.14 0.00	39.61 0.43 0.00
CHAUTAUQUA___LFGE 323629	23.90 -4.04 9.85	22.33 -3.57 7.77	20.57 -3.46 8.02	22.77 -3.27 4.50	24.57 -3.38 2.22	25.80 -3.36 1.42	23.93 -3.28 1.85	22.32 -2.79 3.05	21.88 -2.72 4.99	25.41 -2.71 1.04	24.75 -2.79 1.24	23.55 -2.94 3.81	24.64 -2.91 2.73	21.39 -3.03 7.79	23.15 -3.34 8.28	25.11 -3.56 8.76	26.56 -3.54 9.62	36.04 -3.90 5.42	41.88 -4.72 7.68	47.27 -4.93 5.83	48.90 -4.40 3.81	43.89 -4.24 2.91	39.26 -4.05 1.73	35.77 -3.41 0.00
CHERRYST_13_KV_LD 356241	40.41 2.65 0.03	35.89 2.22 0.00	34.16 2.12 0.01	32.44 1.92 0.02	32.00 1.84 0.00	32.28 1.71 0.01	31.06 2.01 0.01	30.22 2.06 0.00	31.87 2.28 0.00	31.47 2.30 0.00	31.30 2.50 0.00	32.91 2.61 0.00	32.97 2.69 0.00	35.00 2.80 0.00	37.80 3.03 0.00	40.94 3.52 0.00	44.32 4.05 -0.55	49.95 4.58 0.00	59.43 5.16 0.00	63.08 5.05 0.00	61.51 4.40 0.00	54.61 3.57 0.00	48.15 3.11 0.00	41.57 2.39 0.00

CHESTROR_138KV_BK263 355645	39.54 1.78 0.03	35.15 1.48 0.00	33.45 1.41 0.01	31.80 1.28 0.02	31.40 1.24 0.00	31.70 1.13 0.02	30.36 1.31 0.01	29.46 1.30 0.00	30.98 1.39 0.00	30.57 1.40 0.00	30.32 1.53 0.00	31.88 1.58 0.00	31.91 1.63 0.00	33.91 1.71 0.00	36.65 1.88 0.00	39.67 2.25 0.00	42.34 2.62 0.00	48.36 2.99 0.00	57.70 3.42 0.00	61.40 3.37 0.00	60.02 2.91 0.00	53.39 2.35 0.00	47.07 2.03 0.00	40.74 1.57 0.00
CH_MIDHUDSON___DRP 24192	40.03 2.27 0.03	35.56 1.89 0.00	33.87 1.83 0.01	32.20 1.68 0.02	31.79 1.63 0.00	32.10 1.53 0.01	30.74 1.69 0.01	29.80 1.63 0.00	31.34 1.75 0.00	30.86 1.69 0.00	30.60 1.81 0.00	32.18 1.88 0.00	32.21 1.94 0.00	34.23 2.03 0.00	37.00 2.23 0.00	40.11 2.69 0.00	42.85 3.14 0.00	49.00 3.63 0.00	58.24 3.96 0.00	61.98 3.95 0.00	60.54 3.43 0.00	53.90 2.86 0.00	47.52 2.48 0.00	41.06 1.88 0.00
CH_MISC_IPPS 23765	40.19 2.42 0.03	35.69 2.02 0.00	33.97 1.92 0.01	32.29 1.77 0.02	31.85 1.69 0.00	32.16 1.59 0.01	30.83 1.77 0.01	29.85 1.69 0.00	31.37 1.78 0.00	30.89 1.72 0.00	30.64 1.84 0.00	32.22 1.91 0.00	32.24 1.97 0.00	34.29 2.09 0.00	37.07 2.29 0.00	40.30 2.88 0.00	42.97 3.26 0.00	49.18 3.81 0.00	58.56 4.29 0.00	62.39 4.35 0.00	60.88 3.77 0.00	54.15 3.11 0.00	47.70 2.66 0.00	41.17 2.00 0.00
CH_RES_BVR_FALLS 23983	37.49 -0.30 0.00	33.40 -0.27 0.00	31.80 -0.26 0.00	30.29 -0.25 0.00	29.96 -0.21 0.00	30.37 -0.21 0.00	28.83 -0.23 0.00	27.94 -0.23 0.00	29.39 -0.21 0.00	28.96 -0.20 0.00	28.59 -0.20 0.00	30.09 -0.21 0.00	30.07 -0.21 0.00	31.98 -0.22 0.00	34.53 -0.24 0.00	37.20 -0.22 0.00	39.48 -0.24 0.00	45.10 -0.27 0.00	54.01 -0.27 0.00	57.75 -0.29 0.00	56.83 -0.28 0.00	50.89 -0.15 0.00	44.91 -0.13 0.00	39.14 -0.04 0.00
CH_RES_NIAGARA 23895	24.52 -5.29 7.98	22.98 -4.68 6.01	21.18 -4.55 6.32	22.48 -4.34 3.72	23.71 -4.37 2.08	24.86 -4.43 1.29	23.25 -4.30 1.51	22.13 -3.69 2.35	22.11 -3.64 3.84	24.84 -3.53 0.80	24.29 -3.54 0.96	23.58 -3.79 2.94	24.42 -3.75 2.10	22.25 -3.96 6.00	23.98 -4.42 6.38	25.55 -5.09 6.78	26.97 -5.16 7.58	34.89 -5.90 4.58	40.52 -7.16 6.59	44.92 -7.83 5.28	45.99 -7.48 3.64	41.67 -6.58 2.78	37.18 -6.22 1.65	34.36 -4.82 0.00
CH_RES_SYRACUSE 23985	37.26 -0.53 0.00	33.23 -0.44 0.00	31.60 -0.45 0.00	30.11 -0.43 0.00	30.12 -0.42 -0.37	30.19 -0.40 0.00	28.57 -0.49 0.00	27.74 -0.42 0.00	29.21 -0.39 0.00	28.79 -0.38 0.00	28.36 -0.43 0.00	29.82 -0.49 0.00	29.82 -0.45 0.00	31.78 -0.42 0.00	34.29 -0.49 0.00	36.67 -0.75 0.00	38.88 -0.84 0.00	44.51 -0.86 0.00	53.30 -0.98 0.00	57.17 -0.87 0.00	56.53 -0.63 -0.05	50.38 -0.66 0.00	44.41 -0.63 0.00	38.71 -0.47 0.00
CLINTON_WT_PWR 323605	37.15 -0.64 0.00	33.10 -0.57 0.00	31.54 -0.51 0.00	30.08 -0.46 0.00	29.71 -0.45 0.00	30.13 -0.46 0.00	28.51 -0.55 0.00	27.63 -0.54 0.00	29.09 -0.50 0.00	28.70 -0.47 0.00	28.36 -0.43 0.00	29.85 -0.45 0.00	29.85 -0.42 0.00	31.78 -0.42 0.00	34.39 -0.38 0.00	37.12 -0.30 0.00	39.56 -0.16 0.00	45.05 -0.32 0.00	54.11 -0.16 0.00	57.92 -0.12 0.00	56.88 -0.23 0.00	51.09 0.05 0.00	45.09 0.05 0.00	39.49 0.31 0.00
CLINTON___LFGE 323618	37.57 -0.23 0.00	33.47 -0.20 0.00	31.86 -0.19 0.00	30.42 -0.12 0.00	30.05 -0.12 0.00	30.46 -0.12 0.00	28.80 -0.26 0.00	27.85 -0.31 0.00	29.36 -0.24 0.00	28.96 -0.20 0.00	28.62 -0.17 0.00	30.15 -0.15 0.00	30.13 -0.15 0.00	32.14 -0.06 0.00	34.74 -0.03 0.00	37.53 0.11 0.00	40.03 0.32 0.00	45.55 0.18 0.00	54.82 0.54 0.00	58.73 0.70 0.00	57.68 0.57 0.00	51.81 0.77 0.00	45.72 0.68 0.00	40.11 0.94 0.00
COBBLENY_34_KV_TB1 80064	24.24 -4.04 9.51	22.60 -3.60 7.47	20.83 -3.49 7.73	22.82 -3.36 4.36	24.49 -3.50 2.17	25.68 -3.52 1.39	23.85 -3.43 1.79	22.35 -2.87 2.94	22.01 -2.78 4.80	25.42 -2.74 1.00	24.77 -2.82 1.20	23.69 -2.94 3.67	24.74 -2.91 2.63	21.67 -3.03 7.50	23.42 -3.37 7.98	25.19 -3.82 8.42	26.72 -3.73 9.27	35.97 -4.13 5.27	41.86 -4.94 7.47	47.04 -5.28 5.71	48.33 -5.03 3.76	43.53 -4.64 2.87	38.93 -4.41 1.70	35.61 -3.57 0.00
COFFEEN___115KV_TB3 355620	37.76 -0.04 0.00	33.71 0.03 0.00	31.99 -0.06 0.00	30.48 -0.06 0.00	30.11 -0.06 0.00	30.77 0.18 0.00	28.94 -0.12 0.00	27.99 -0.17 0.00	29.12 -0.47 0.00	28.55 -0.61 0.00	27.96 -0.83 0.00	29.43 -0.88 0.00	29.31 -0.97 0.00	31.30 -0.90 0.00	33.63 -1.15 0.00	36.04 -1.38 0.00	38.57 -1.15 0.00	44.19 -1.18 0.00	54.01 -0.27 0.00	57.80 -0.23 0.00	57.28 0.17 0.00	51.45 0.41 0.00	45.18 0.14 0.00	39.37 0.20 0.00
COLDSPRG_115KV_BK1 355956	25.75 -3.17 8.87	23.91 -2.83 6.94	22.11 -2.76 7.18	23.87 -2.60 4.07	25.38 -2.78 2.01	26.55 -2.72 1.31	24.75 -2.64 1.67	23.24 -2.20 2.72	23.04 -2.10 4.45	26.11 -2.13 0.93	25.46 -2.22 1.11	24.60 -2.30 3.41	25.57 -2.27 2.44	22.93 -2.32 6.95	24.84 -2.54 7.40	26.80 -2.81 7.81	28.56 -2.54 8.62	37.76 -2.68 4.94	44.12 -3.15 7.01	49.39 -3.25 5.39	50.46 -3.08 3.56	45.20 -3.11 2.73	39.91 -3.51 1.62	36.24 -2.94 0.00
COLONIE_LFGE___ 323577	39.34 1.55 0.00	35.02 1.35 0.00	33.37 1.31 0.00	31.73 1.19 0.00	31.40 1.24 0.00	31.84 1.25 0.00	30.31 1.25 0.00	29.23 1.07 0.00	30.57 0.98 0.00	30.10 0.93 0.00	29.65 0.86 0.00	31.25 0.94 0.00	31.12 0.85 0.00	32.97 0.77 0.00	35.71 0.94 0.00	38.62 1.20 0.00	40.83 1.11 0.00	46.73 1.36 0.00	55.74 1.47 0.00	59.84 1.80 0.00	58.94 1.83 0.00	52.62 1.58 0.00	46.53 1.48 0.00	40.11 0.94 0.00
COOPERNY_115KV_TB1 80082	38.97 1.21 0.04	34.72 1.04 0.00	33.04 0.99 0.01	31.40 0.89 0.02	31.00 0.84 0.01	31.36 0.80 0.02	29.95 0.90 0.01	29.06 0.90 0.00	30.60 1.01 0.00	30.16 0.99 0.00	29.89 1.09 0.00	31.43 1.12 0.00	31.43 1.15 0.00	33.43 1.22 0.00	36.09 1.32 0.00	38.99 1.57 0.00	41.58 1.87 0.00	47.46 2.09 0.00	56.67 2.39 0.00	60.36 2.32 0.00	59.11 2.00 0.00	52.67 1.63 0.00	46.44 1.40 0.00	40.23 1.06 0.00
COPENHAGEN_WT_PWR 323753	37.53 -0.26 0.00	33.50 -0.17 0.00	31.83 -0.22 0.00	30.33 -0.21 0.00	29.92 -0.24 0.00	30.59 0.00 0.00	28.80 -0.26 0.00	27.88 -0.28 0.00	29.03 -0.56 0.00	28.50 -0.67 0.00	27.90 -0.89 0.00	29.37 -0.94 0.00	29.28 -1.00 0.00	31.24 -0.97 0.00	33.59 -1.18 0.00	36.00 -1.42 0.00	38.49 -1.23 0.00	44.05 -1.32 0.00	53.68 -0.60 0.00	57.45 -0.58 0.00	56.94 -0.17 0.00	51.09 0.05 0.00	44.91 -0.13 0.00	39.18 0.00 0.00
CORNELL_____ 23752	40.86 -0.04 -3.10	36.55 0.00 -2.88	34.82 -0.03 -2.80	31.78 -0.06 -1.30	31.31 -0.06 -1.20	30.80 -0.03 -0.25	29.42 -0.20 -0.56	29.14 -0.14 -1.12	31.28 -0.15 -1.84	29.32 -0.23 -0.38	28.90 -0.35 -0.46	31.28 -0.42 -1.40	30.89 -0.39 -1.01	34.75 -0.32 -2.87	37.44 -0.38 -3.05	40.14 -0.52 -3.24	42.55 -0.44 -3.27	46.32 -0.32 -1.27	55.74 -0.11 -1.57	58.77 0.17 -0.56	57.66 0.46 -0.09	51.31 0.31 0.04	45.11 0.09 0.02	39.29 0.12 0.00

CORONA V_69_KV_TB1 355595	40.79 3.02 0.03	36.16 2.49 0.00	34.29 2.24 0.01	32.50 1.98 0.02	32.00 1.84 0.00	32.16 1.59 0.01	31.09 2.03 0.01	30.19 2.03 0.00	31.87 2.28 0.00	31.59 2.42 0.00	35.73 2.65 -4.29	40.63 2.73 -7.60	42.73 2.82 -9.64	59.86 2.96 -24.69	78.63 3.23 -40.62	77.24 3.70 -36.11	81.78 4.25 -37.81	75.53 4.76 -25.39	75.95 5.54 -16.14	76.62 5.46 -13.13	62.13 4.97 -0.05	55.21 4.13 -0.04	48.15 3.11 0.00	41.84 2.66 0.00
CORTLAND_115KV_TB3 80093	38.66 -0.15 -1.02	34.51 -0.13 -0.97	32.83 -0.16 -0.93	30.81 -0.15 -0.42	30.46 -0.18 -0.48	30.50 -0.15 -0.07	29.01 -0.23 -0.18	28.37 -0.17 -0.38	30.04 -0.18 -0.62	29.06 -0.23 -0.13	28.66 -0.29 -0.15	30.44 -0.33 -0.47	30.31 -0.30 -0.34	32.91 -0.26 -0.97	35.49 -0.31 -1.03	38.06 -0.45 -1.09	40.31 -0.44 -1.03	45.19 -0.41 -0.23	54.15 -0.33 -0.19	57.64 -0.17 0.22	56.80 0.00 0.31	50.65 -0.10 0.29	44.69 -0.18 0.17	39.02 -0.16 0.00
COXSACKIE__GT 23611	40.10 2.31 0.00	35.66 1.99 0.00	34.11 2.05 0.00	32.37 1.83 0.00	32.04 1.87 0.00	32.36 1.77 0.00	30.72 1.66 0.00	29.29 1.13 0.00	30.48 0.89 0.00	29.78 0.61 0.00	29.31 0.52 0.00	30.85 0.55 0.00	30.76 0.48 0.00	32.69 0.48 0.00	35.43 0.66 0.00	38.54 1.12 0.00	40.99 1.27 0.00	47.23 1.86 0.00	56.78 2.50 0.00	61.22 3.19 0.00	60.31 3.20 0.00	53.85 2.81 0.00	47.52 2.48 0.00	41.06 1.88 0.00
CPV_VALLEY__CC1 323721	39.23 1.47 0.03	34.92 1.25 0.00	33.23 1.19 0.01	31.58 1.07 0.02	31.19 1.03 0.01	31.49 0.92 0.02	30.16 1.10 0.01	29.26 1.10 0.00	30.81 1.21 0.00	30.36 1.20 0.00	30.12 1.33 0.00	31.67 1.36 0.00	31.70 1.42 0.00	33.68 1.48 0.00	36.41 1.63 0.00	39.44 2.02 0.00	41.98 2.26 0.00	47.91 2.54 0.00	57.15 2.87 0.00	60.88 2.84 0.00	59.51 2.40 0.00	52.93 1.89 0.00	46.66 1.62 0.00	40.35 1.17 0.00
CPV_VALLEY__CC2 323722	39.23 1.47 0.03	34.92 1.25 0.00	33.23 1.19 0.01	31.58 1.07 0.02	31.19 1.03 0.01	31.49 0.92 0.02	30.16 1.10 0.01	29.26 1.10 0.00	30.81 1.21 0.00	30.36 1.20 0.00	30.12 1.33 0.00	31.67 1.36 0.00	31.70 1.42 0.00	33.68 1.48 0.00	36.41 1.63 0.00	39.44 2.02 0.00	41.98 2.26 0.00	47.91 2.54 0.00	57.15 2.87 0.00	60.88 2.84 0.00	59.51 2.40 0.00	52.93 1.89 0.00	46.66 1.62 0.00	40.35 1.17 0.00
CRESCENT__HYD 24018	39.34 1.55 0.00	35.02 1.35 0.00	33.37 1.31 0.00	31.73 1.19 0.00	31.40 1.24 0.00	31.84 1.25 0.00	30.31 1.25 0.00	29.23 1.07 0.00	30.57 0.98 0.00	30.10 0.93 0.00	29.65 0.86 0.00	31.25 0.94 0.00	31.12 0.85 0.00	32.97 0.77 0.00	35.71 0.94 0.00	38.62 1.20 0.00	40.83 1.11 0.00	46.73 1.36 0.00	55.74 1.47 0.00	59.84 1.80 0.00	58.94 1.83 0.00	52.62 1.58 0.00	46.53 1.48 0.00	40.11 0.94 0.00
CRICKET__VALLEY_CC1 323756	39.54 1.78 0.03	35.15 1.48 0.00	33.49 1.44 0.01	31.86 1.34 0.02	31.46 1.30 0.00	31.76 1.19 0.01	30.48 1.42 0.01	29.57 1.41 0.00	31.07 1.48 0.00	30.68 1.52 0.00	30.43 1.64 0.00	32.03 1.73 0.00	32.06 1.79 0.00	33.97 1.77 0.00	36.72 1.95 0.00	39.82 2.40 0.00	42.38 2.66 0.00	48.41 3.04 0.00	57.59 3.31 0.00	61.28 3.25 0.00	59.85 2.74 0.00	53.23 2.19 0.00	46.98 1.94 0.00	40.51 1.33 0.00
CRICKET__VALLEY_CC2 323757	39.54 1.78 0.03	35.15 1.48 0.00	33.49 1.44 0.01	31.86 1.34 0.02	31.46 1.30 0.00	31.76 1.19 0.01	30.48 1.42 0.01	29.57 1.41 0.00	31.07 1.48 0.00	30.68 1.52 0.00	30.43 1.64 0.00	32.03 1.73 0.00	32.06 1.79 0.00	33.97 1.77 0.00	36.72 1.95 0.00	39.82 2.40 0.00	42.38 2.66 0.00	48.41 3.04 0.00	57.59 3.31 0.00	61.28 3.25 0.00	59.85 2.74 0.00	53.23 2.19 0.00	46.98 1.94 0.00	40.51 1.33 0.00
CRICKET__VALLEY_CC3 323758	39.54 1.78 0.03	35.15 1.48 0.00	33.49 1.44 0.01	31.86 1.34 0.02	31.46 1.30 0.00	31.76 1.19 0.01	30.48 1.42 0.01	29.57 1.41 0.00	31.07 1.48 0.00	30.68 1.52 0.00	30.43 1.64 0.00	32.03 1.73 0.00	32.06 1.79 0.00	33.97 1.77 0.00	36.72 1.95 0.00	39.82 2.40 0.00	42.38 2.66 0.00	48.41 3.04 0.00	57.59 3.31 0.00	61.28 3.25 0.00	59.85 2.74 0.00	53.23 2.19 0.00	46.98 1.94 0.00	40.51 1.33 0.00
CRUCIBLE_METL_DRP 24180	37.26 -0.53 0.00	33.23 -0.44 0.00	31.60 -0.45 0.00	30.11 -0.43 0.00	30.12 -0.42 -0.37	30.19 -0.40 0.00	28.57 -0.49 0.00	27.74 -0.42 0.00	29.21 -0.38 0.00	28.79 -0.38 0.00	28.36 -0.43 0.00	29.82 -0.48 0.00	29.82 -0.45 0.00	31.78 -0.42 0.00	34.29 -0.49 0.00	36.71 -0.71 0.00	38.88 -0.83 0.00	44.51 -0.86 0.00	53.35 -0.92 0.00	57.16 -0.87 0.00	56.47 -0.69 -0.05	50.38 -0.66 0.00	44.41 -0.63 0.00	38.67 -0.51 0.00
DAHOWA__HYDRO 323763	40.14 2.34 0.00	35.76 2.09 0.00	34.04 1.99 0.00	32.34 1.80 0.00	32.04 1.87 0.00	32.42 1.84 0.00	30.80 1.74 0.00	29.65 1.49 0.00	30.93 1.33 0.00	30.30 1.14 0.00	29.68 0.89 0.00	31.25 0.94 0.00	30.94 0.67 0.00	32.78 0.58 0.00	35.57 0.80 0.00	38.54 1.12 0.00	41.07 1.35 0.00	47.19 1.82 0.00	56.83 2.55 0.00	61.52 3.48 0.00	60.82 3.71 0.00	54.31 3.27 0.00	47.83 2.79 0.00	41.33 2.15 0.00
DANC__LFGE 323619	37.26 -0.53 0.00	33.23 -0.44 0.00	31.57 -0.48 0.00	30.08 -0.46 0.00	29.71 -0.45 0.00	30.28 -0.31 0.00	28.57 -0.49 0.00	27.68 -0.48 0.00	28.94 -0.65 0.00	28.44 -0.73 0.00	27.93 -0.86 0.00	29.40 -0.91 0.00	29.31 -0.97 0.00	31.27 -0.93 0.00	33.66 -1.11 0.00	36.04 -1.38 0.00	38.51 -1.31 -0.10	44.24 -1.41 -0.28	53.71 -1.03 -0.47	57.56 -1.04 -0.57	56.86 -0.74 -0.49	50.87 -0.56 -0.39	44.68 -0.59 -0.23	38.82 -0.35 0.00
DANSKAMMER__1 23586	40.19 2.42 0.03	35.69 2.02 0.00	33.97 1.92 0.01	32.29 1.77 0.02	31.85 1.69 0.00	32.16 1.59 0.01	30.83 1.77 0.01	29.85 1.69 0.00	31.37 1.78 0.00	30.89 1.72 0.00	30.64 1.84 0.00	32.22 1.91 0.00	32.24 1.97 0.00	34.29 2.09 0.00	37.07 2.29 0.00	40.30 2.88 0.00	42.97 3.26 0.00	49.18 3.81 0.00	58.56 4.29 0.00	62.39 4.35 0.00	60.88 3.77 0.00	54.15 3.11 0.00	47.70 2.66 0.00	41.17 2.00 0.00
DANSKAMMER__2 23589	40.19 2.42 0.03	35.69 2.02 0.00	33.97 1.92 0.01	32.29 1.77 0.02	31.85 1.69 0.00	32.16 1.59 0.01	30.83 1.77 0.01	29.85 1.69 0.00	31.37 1.78 0.00	30.89 1.72 0.00	30.64 1.84 0.00	32.22 1.91 0.00	32.24 1.97 0.00	34.29 2.09 0.00	37.07 2.29 0.00	40.30 2.88 0.00	42.97 3.26 0.00	49.18 3.81 0.00	58.56 4.29 0.00	62.39 4.35 0.00	60.88 3.77 0.00	54.15 3.11 0.00	47.70 2.66 0.00	41.17 2.00 0.00
DANSKAMMER__3 23590	40.19 2.42 0.03	35.69 2.02 0.00	33.97 1.92 0.01	32.29 1.77 0.02	31.85 1.69 0.00	32.16 1.59 0.01	30.83 1.77 0.01	29.85 1.69 0.00	31.37 1.78 0.00	30.89 1.72 0.00	30.64 1.84 0.00	32.22 1.91 0.00	32.24 1.97 0.00	34.29 2.09 0.00	37.07 2.29 0.00	40.30 2.88 0.00	42.97 3.26 0.00	49.18 3.81 0.00	58.56 4.29 0.00	62.39 4.35 0.00	60.88 3.77 0.00	54.15 3.11 0.00	47.70 2.66 0.00	41.17 2.00 0.00

DANSKAMMER___4 23591	40.19 2.42 0.03	35.69 2.02 0.00	33.97 1.92 0.01	32.29 1.77 0.02	31.85 1.69 0.00	32.16 1.59 0.01	30.83 1.77 0.01	29.85 1.69 0.00	31.37 1.78 0.00	30.89 1.72 0.00	30.64 1.84 0.00	32.22 1.91 0.00	32.24 1.97 0.00	34.29 2.09 0.00	37.07 2.29 0.00	40.30 2.88 0.00	42.97 3.26 0.00	49.18 3.81 0.00	58.56 4.29 0.00	62.39 4.35 0.00	60.88 3.77 0.00	54.15 3.11 0.00	47.70 2.66 0.00	41.17 2.00 0.00
DANSKAMMER___DIESEL 23592	40.18 2.42 0.03	35.69 2.02 0.00	33.97 1.92 0.01	32.29 1.77 0.02	31.85 1.69 0.00	32.19 1.62 0.01	30.83 1.77 0.01	29.82 1.66 0.00	31.37 1.78 0.00	30.89 1.72 0.00	30.63 1.84 0.00	32.21 1.91 0.00	32.24 1.97 0.00	34.30 2.09 0.00	37.07 2.30 0.00	40.23 2.81 0.00	42.97 3.26 0.00	49.18 3.81 0.00	58.57 4.29 0.00	62.33 4.29 0.00	60.94 3.83 0.00	54.15 3.11 0.00	47.74 2.70 0.00	41.25 2.08 0.00
DARBY___SOLAR 323810	39.95 2.15 0.00	35.59 1.92 0.00	33.88 1.83 0.00	32.19 1.65 0.00	31.85 1.69 0.00	32.27 1.68 0.00	30.66 1.60 0.00	29.51 1.35 0.00	30.81 1.21 0.00	30.21 1.05 0.00	29.63 0.84 0.00	31.18 0.88 0.00	30.91 0.64 0.00	32.78 0.58 0.00	35.54 0.76 0.00	38.51 1.09 0.00	40.95 1.23 0.00	47.05 1.68 0.00	56.56 2.28 0.00	61.17 3.13 0.00	60.42 3.31 0.00	53.90 2.86 0.00	47.52 2.48 0.00	41.06 1.88 0.00
DASHVILLE___HYD 23610	40.56 2.80 0.03	35.99 2.32 0.00	34.26 2.21 0.01	32.53 2.02 0.02	32.12 1.96 0.00	32.41 1.84 0.01	31.03 1.98 0.01	29.94 1.77 0.00	31.46 1.86 0.00	30.89 1.72 0.00	30.60 1.81 0.00	32.21 1.91 0.00	32.24 1.97 0.00	34.30 2.09 0.00	37.10 2.33 0.00	40.38 2.96 0.00	43.21 3.50 0.00	49.59 4.22 0.00	58.40 4.13 0.00	62.10 4.06 0.00	60.65 3.54 0.00	53.95 2.91 0.00	47.61 2.57 0.00	41.17 2.00 0.00
DELAWARE___LFGE 323621	38.56 0.87 0.10	34.48 0.81 0.00	32.76 0.74 0.03	31.14 0.67 0.07	30.78 0.63 0.02	31.18 0.64 0.05	29.62 0.58 0.02	28.78 0.62 0.00	30.19 0.59 0.00	29.78 0.61 0.00	29.37 0.58 0.00	30.91 0.61 0.00	30.85 0.58 0.00	32.85 0.64 0.00	35.47 0.70 0.00	38.21 0.79 0.00	40.59 0.95 0.08	46.26 1.09 0.20	55.34 1.41 0.34	59.00 1.39 0.43	58.08 1.31 0.34	51.82 1.07 0.29	45.72 0.86 0.17	39.84 0.67 0.00
DERFIELD_115KV_TB7 355931	37.91 0.11 0.00	33.77 0.10 0.00	32.15 0.10 0.00	30.60 0.06 0.00	30.23 0.06 0.00	30.68 0.09 0.00	29.15 0.09 0.00	28.25 0.08 0.00	29.65 0.06 0.00	29.22 0.06 0.00	28.85 0.06 0.00	30.37 0.06 0.00	30.34 0.06 0.00	32.24 0.03 0.00	34.81 0.03 0.00	37.50 0.07 0.00	39.80 0.08 0.00	45.46 0.09 0.00	54.39 0.11 0.00	58.15 0.12 0.00	57.17 0.06 0.00	51.09 0.05 0.00	45.09 0.05 0.00	39.18 0.00 0.00
DOGLEVILLE___HYD 23807	37.42 -0.38 0.00	33.33 -0.34 0.00	31.73 -0.32 0.00	30.20 -0.34 0.00	29.86 -0.30 0.00	30.34 -0.24 0.00	28.80 -0.26 0.00	27.91 -0.25 0.00	29.27 -0.33 0.00	28.85 -0.32 0.00	28.47 -0.32 0.00	29.97 -0.33 0.00	29.91 -0.36 0.00	31.85 -0.35 0.00	34.39 -0.38 0.00	37.01 -0.41 0.00	39.32 -0.40 0.00	44.83 -0.54 0.00	53.79 -0.49 0.00	57.63 -0.41 0.00	56.83 -0.29 0.00	50.84 -0.20 0.00	45.04 0.00 0.00	39.18 0.00 0.00
DUNKIRK___115KV_TB_200 55889	23.90 -4.01 9.89	22.33 -3.54 7.81	20.54 -3.46 8.06	22.75 -3.27 4.52	24.56 -3.38 2.23	25.79 -3.36 1.43	23.92 -3.28 1.85	22.31 -2.79 3.06	21.86 -2.72 5.01	25.41 -2.71 1.04	24.75 -2.79 1.25	23.54 -2.94 3.83	24.66 -2.88 2.74	21.39 -2.99 7.82	23.15 -3.30 8.32	24.88 -3.74 8.79	26.48 -3.57 9.66	35.98 -3.95 5.44	41.85 -4.72 7.70	47.25 -4.93 5.85	48.66 -4.63 3.83	43.78 -4.34 2.92	39.21 -4.10 1.73	35.85 -3.33 0.00
DUNKIRK___1 23563	23.90 -4.01 9.89	22.33 -3.54 7.81	20.54 -3.46 8.06	22.75 -3.27 4.52	24.56 -3.38 2.23	25.79 -3.36 1.43	23.92 -3.28 1.85	22.31 -2.79 3.06	21.86 -2.72 5.01	25.41 -2.71 1.04	24.75 -2.79 1.25	23.54 -2.94 3.83	24.66 -2.88 2.74	21.39 -2.99 7.82	23.15 -3.30 8.32	24.88 -3.74 8.79	26.48 -3.57 9.66	35.98 -3.95 5.44	41.85 -4.72 7.70	47.25 -4.93 5.85	48.66 -4.63 3.83	43.78 -4.34 2.92	39.21 -4.10 1.73	35.85 -3.33 0.00
DUNKIRK___2 23564	23.90 -4.01 9.89	22.33 -3.54 7.81	20.54 -3.46 8.06	22.75 -3.27 4.52	24.56 -3.38 2.23	25.79 -3.36 1.43	23.92 -3.28 1.85	22.31 -2.79 3.06	21.86 -2.72 5.01	25.41 -2.71 1.04	24.75 -2.79 1.25	23.54 -2.94 3.83	24.66 -2.88 2.74	21.39 -2.99 7.82	23.15 -3.30 8.32	24.88 -3.74 8.79	26.48 -3.57 9.66	35.98 -3.95 5.44	41.85 -4.72 7.70	47.25 -4.93 5.85	48.66 -4.63 3.83	43.78 -4.34 2.92	39.21 -4.10 1.73	35.85 -3.33 0.00
DUNKIRK___3 23565	23.72 -4.01 10.07	22.13 -3.57 7.97	20.37 -3.46 8.22	22.64 -3.30 4.60	24.50 -3.41 2.26	25.71 -3.43 1.45	23.83 -3.34 1.89	22.22 -2.82 3.12	21.76 -2.72 5.11	25.39 -2.71 1.07	24.75 -2.76 1.28	23.49 -2.91 3.91	24.60 -2.88 2.80	21.23 -2.99 7.98	22.98 -3.30 8.48	24.70 -3.74 8.98	26.25 -3.61 9.86	35.80 -4.04 5.53	41.57 -4.88 7.82	46.95 -5.17 5.92	48.34 -4.91 3.86	43.55 -4.54 2.95	38.97 -4.32 1.75	35.69 -3.49 0.00
DUNKIRK___4 23566	23.72 -4.01 10.07	22.13 -3.57 7.97	20.37 -3.46 8.22	22.64 -3.30 4.60	24.50 -3.41 2.26	25.71 -3.43 1.45	23.83 -3.34 1.89	22.22 -2.82 3.12	21.76 -2.72 5.11	25.39 -2.71 1.07	24.75 -2.76 1.28	23.49 -2.91 3.91	24.60 -2.88 2.80	21.23 -2.99 7.98	22.98 -3.30 8.48	24.70 -3.74 8.98	26.25 -3.61 9.86	35.80 -4.04 5.53	41.57 -4.88 7.82	46.95 -5.17 5.92	48.34 -4.91 3.86	43.55 -4.54 2.95	38.97 -4.32 1.75	35.69 -3.49 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.11 2.34 0.03	35.66 1.99 0.00	33.94 1.89 0.01	32.26 1.74 0.02	31.82 1.66 0.00	32.10 1.53 0.01	30.86 1.80 0.01	29.96 1.80 0.00	31.58 1.98 0.00	31.18 2.01 0.00	30.95 2.16 0.00	32.55 2.24 0.00	32.61 2.33 0.00	34.65 2.45 0.00	37.38 2.61 0.00	40.49 3.07 0.00	43.25 3.53 0.00	49.41 4.04 0.00	58.84 4.56 0.00	62.50 4.47 0.00	60.99 3.88 0.00	54.20 3.16 0.00	47.79 2.75 0.00	41.29 2.12 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.80 2.04 0.03	35.39 1.72 0.00	33.68 1.63 0.01	32.01 1.50 0.02	31.61 1.45 0.00	31.92 1.35 0.02	30.57 1.51 0.01	29.63 1.46 0.00	31.19 1.60 0.00	30.71 1.55 0.00	30.46 1.67 0.00	32.06 1.76 0.00	32.09 1.82 0.00	34.10 1.90 0.00	36.86 2.09 0.00	39.97 2.54 0.00	42.70 2.98 0.00	48.77 3.40 0.00	58.13 3.85 0.00	61.86 3.83 0.00	60.48 3.37 0.00	53.75 2.71 0.00	47.38 2.34 0.00	40.98 1.80 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	40.49 2.72 0.02	35.94 2.26 -0.01	34.17 2.12 0.00	32.42 1.89 0.01	32.01 1.84 0.00	32.25 1.68 0.01	30.89 1.83 0.01	30.02 1.86 0.00	31.64 2.04 0.00	31.27 2.10 0.00	31.12 2.33 0.00	32.76 2.45 0.00	32.82 2.54 0.00	34.78 2.58 0.00	37.52 2.75 0.00	40.64 3.22 0.00	43.97 3.69 -0.56	49.68 4.31 0.00	59.05 4.78 0.00	62.68 4.64 0.00	60.99 3.88 0.00	54.20 3.16 0.00	47.88 2.84 0.00	41.49 2.31 0.00

E179THST_13_KV_LOAD 356214	40.68 2.91 0.02	36.07 2.39 -0.01	34.30 2.24 0.00	32.54 2.02 0.01	32.13 1.96 0.00	32.38 1.80 0.01	31.00 1.95 0.01	30.13 1.97 0.00	31.78 2.19 0.00	31.38 2.22 0.00	31.24 2.45 0.00	32.91 2.61 0.00	32.97 2.69 0.00	34.94 2.74 0.00	37.69 2.92 0.00	40.86 3.44 0.00	44.21 3.93 -0.56	49.95 4.58 0.00	59.33 5.05 0.00	62.97 4.93 0.00	61.28 4.17 0.00	54.46 3.42 0.00	48.10 3.06 0.00	41.68 2.51 0.00
EAST HAMPTON___GT 23717	40.71 2.95 0.03	36.20 2.53 0.00	34.16 2.12 0.01	32.26 1.74 0.02	31.64 1.48 0.00	31.67 1.10 0.01	30.94 1.89 0.01	30.25 2.08 0.00	31.96 2.37 0.00	31.91 2.74 0.00	35.87 2.79 -4.29	40.75 2.85 -7.60	42.79 2.88 -9.64	45.80 2.93 -10.67	46.30 3.09 -8.43	48.92 4.01 -7.49	50.91 4.68 -6.51	56.28 5.13 -5.78	61.40 6.02 -1.10	64.85 5.92 -0.89	61.62 4.51 0.00	54.81 3.78 0.00	47.65 2.61 0.00	41.84 2.67 0.00
EAST RIVER___6 23660	40.45 2.68 0.03	35.89 2.22 0.00	34.16 2.12 0.01	32.44 1.93 0.02	31.97 1.81 0.00	32.22 1.65 0.01	31.03 1.98 0.01	30.22 2.05 0.00	31.87 2.28 0.00	31.47 2.30 0.00	31.29 2.50 0.00	32.91 2.61 0.00	32.97 2.69 0.00	35.04 2.83 0.00	37.80 3.02 0.00	41.01 3.59 0.00	44.33 4.05 -0.55	49.95 4.58 0.00	59.49 5.21 0.00	63.20 5.16 0.00	61.51 4.40 0.00	54.61 3.57 0.00	48.11 3.06 0.00	41.45 2.27 0.00
EAST RIVER___7 23524	40.45 2.68 0.03	35.89 2.22 0.00	34.16 2.12 0.01	32.44 1.93 0.02	31.97 1.81 0.00	32.22 1.65 0.01	31.03 1.98 0.01	30.22 2.05 0.00	31.87 2.28 0.00	31.47 2.30 0.00	31.29 2.50 0.00	32.91 2.61 0.00	32.97 2.69 0.00	35.04 2.83 0.00	37.80 3.02 0.00	41.01 3.59 0.00	44.33 4.05 -0.55	49.95 4.58 0.00	59.49 5.21 0.00	63.20 5.16 0.00	61.51 4.40 0.00	54.61 3.57 0.00	48.11 3.06 0.00	41.45 2.27 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.03 2.27 0.03	35.59 1.92 0.00	33.87 1.83 0.01	32.20 1.68 0.02	31.76 1.60 0.00	32.04 1.47 0.02	30.77 1.71 0.01	29.88 1.72 0.00	31.49 1.89 0.00	31.09 1.92 0.00	30.86 2.07 0.00	32.46 2.15 0.00	32.49 2.21 0.00	34.52 2.32 0.00	37.28 2.50 0.00	40.38 2.96 0.00	43.13 3.42 0.00	49.23 3.86 0.00	58.62 4.34 0.00	62.33 4.29 0.00	60.82 3.71 0.00	54.05 3.01 0.00	47.65 2.61 0.00	41.21 2.04 0.00
EAST_HAMPTON___DIESEL 23722	40.67 2.91 0.03	36.13 2.46 0.00	34.10 2.05 0.01	32.20 1.68 0.02	31.61 1.45 0.00	31.61 1.04 0.01	30.92 1.86 0.01	30.22 2.05 0.00	31.90 2.31 0.00	31.85 2.68 0.00	35.85 2.76 -4.29	40.69 2.79 -7.60	42.76 2.85 -9.64	45.73 2.87 -10.67	46.26 3.06 -8.43	48.88 3.96 -7.49	50.83 4.61 -6.51	56.19 5.04 -5.78	61.34 5.97 -1.10	64.78 5.86 -0.89	61.56 4.46 0.00	54.71 3.68 0.00	47.56 2.52 0.00	41.76 2.59 0.00
EAST_POINT___SOLAR 323840	39.95 2.19 0.03	35.66 1.99 0.00	33.87 1.83 0.01	32.17 1.65 0.02	31.85 1.69 0.00	32.22 1.65 0.02	30.42 1.37 0.01	29.20 1.04 0.00	30.10 0.50 0.00	29.43 0.26 0.00	28.82 0.03 0.00	30.21 -0.09 0.00	29.79 -0.49 0.00	31.46 -0.74 0.00	33.97 -0.80 0.00	36.63 -0.79 0.00	39.04 -0.68 0.00	45.14 -0.23 0.00	56.01 1.74 0.00	61.63 3.60 0.00	61.00 3.89 0.00	54.41 3.37 0.00	47.88 2.84 0.00	41.49 2.31 0.00
EAST_PULASKI___ESR 323781	37.07 -0.72 0.00	33.07 -0.61 0.00	31.41 -0.64 0.00	29.93 -0.61 0.00	29.56 -0.60 0.00	30.07 -0.52 0.00	28.42 -0.64 0.00	27.57 -0.59 0.00	28.94 -0.65 0.00	28.47 -0.70 0.00	28.01 -0.78 0.00	29.46 -0.85 0.00	29.43 -0.85 0.00	31.37 -0.84 0.00	33.80 -0.97 0.00	36.15 -1.27 0.00	38.71 -1.27 -0.27	44.64 -1.45 -0.73	54.16 -1.35 -1.23	58.21 -1.33 -1.50	57.31 -1.09 -1.29	51.05 -1.02 -1.03	44.75 -0.90 -0.61	38.51 -0.67 0.00
EAST_RIVER___1 323558	40.34 2.57 0.03	35.79 2.12 0.00	34.07 2.02 0.01	32.35 1.83 0.02	31.94 1.78 0.00	32.19 1.62 0.01	30.97 1.92 0.01	30.13 1.97 0.00	31.78 2.19 0.00	31.38 2.22 0.00	31.21 2.42 0.00	32.79 2.49 0.00	32.85 2.57 0.00	34.91 2.71 0.00	37.66 2.88 0.00	40.86 3.44 0.00	44.17 3.89 -0.55	49.77 4.40 0.00	59.27 4.99 0.00	62.96 4.93 0.00	61.28 4.17 0.00	54.46 3.42 0.00	47.97 2.93 0.00	41.37 2.19 0.00
EAST_RIVER___2 323559	40.45 2.68 0.03	35.89 2.22 0.00	34.16 2.12 0.01	32.44 1.93 0.02	31.97 1.81 0.00	32.22 1.65 0.01	31.03 1.98 0.01	30.22 2.05 0.00	31.87 2.28 0.00	31.47 2.30 0.00	31.29 2.50 0.00	32.91 2.61 0.00	32.97 2.69 0.00	35.04 2.83 0.00	37.80 3.02 0.00	41.01 3.59 0.00	44.33 4.05 -0.55	49.95 4.58 0.00	59.49 5.21 0.00	63.20 5.16 0.00	61.51 4.40 0.00	54.61 3.57 0.00	48.11 3.06 0.00	41.45 2.27 0.00
EAST___DELAWARE_HYD 23607	39.76 2.00 0.03	35.35 1.68 0.00	33.61 1.57 0.01	31.95 1.44 0.02	31.52 1.36 0.00	31.85 1.28 0.02	30.48 1.42 0.01	29.51 1.35 0.00	31.01 1.42 0.00	30.51 1.34 0.00	30.23 1.44 0.00	31.79 1.48 0.00	31.82 1.54 0.00	33.84 1.64 0.00	36.61 1.84 0.00	39.78 2.36 0.00	42.46 2.74 0.00	48.64 3.27 0.00	57.97 3.69 0.00	61.75 3.72 0.00	60.36 3.25 0.00	53.69 2.65 0.00	47.25 2.21 0.00	40.82 1.65 0.00
EIGHT_POINT___WT_PWR 323820	66.96 -3.67 -32.84	59.94 -3.23 -29.50	57.96 -3.11 -29.01	41.66 -2.93 -14.06	33.77 -2.87 -6.48	30.84 -2.84 -3.09	32.17 -2.85 -5.95	37.02 -2.65 -11.51	45.61 -2.81 -18.83	30.18 -2.92 -3.93	30.41 -3.08 -4.70	41.55 -3.15 -14.40	37.62 -2.97 -10.31	58.67 -2.93 -29.40	62.70 -3.34 -31.27	66.99 -3.67 -33.24	70.74 -3.54 -34.55	57.39 -3.63 -15.66	70.98 -3.91 -20.61	66.06 -3.37 -11.39	59.87 -2.17 -4.93	52.38 -2.14 -3.48	44.92 -2.21 -2.08	37.22 -1.96 0.00
ELBRIDGE_115KV_TB2 80188	37.04 -0.76 0.00	33.00 -0.67 0.00	31.38 -0.67 0.00	29.90 -0.64 0.00	30.02 -0.63 -0.48	29.97 -0.61 0.00	28.39 -0.67 0.00	27.57 -0.59 0.00	29.03 -0.56 0.00	28.58 -0.58 0.00	28.19 -0.60 0.00	29.64 -0.67 0.00	29.64 -0.64 0.00	31.59 -0.61 0.00	34.04 -0.73 0.00	36.45 -0.97 0.00	38.64 -1.07 0.00	44.19 -1.18 0.00	52.97 -1.30 0.00	56.82 -1.22 0.00	56.15 -1.03 -0.06	50.02 -1.02 0.00	44.14 -0.90 0.00	38.43 -0.74 0.00
ELEC_TRO_TEK 24086	40.60 2.83 0.03	35.99 2.32 0.00	34.13 2.08 0.01	32.32 1.80 0.02	31.82 1.66 0.00	31.98 1.41 0.01	30.94 1.89 0.01	30.05 1.89 0.00	31.72 2.13 0.00	31.47 2.30 0.00	35.59 2.50 -4.29	40.48 2.58 -7.60	42.58 2.66 -9.64	52.34 2.77 -17.37	61.62 3.03 -23.82	62.04 3.44 -21.18	65.17 3.97 -21.48	64.97 4.45 -15.16	67.67 5.10 -8.29	69.77 4.99 -6.74	61.64 4.51 -0.02	54.78 3.73 -0.01	47.88 2.84 0.00	41.64 2.47 0.00
ELLENBURG_WT_PWR 323604	37.15 -0.64 0.00	33.10 -0.57 0.00	31.54 -0.51 0.00	30.08 -0.46 0.00	29.71 -0.45 0.00	30.13 -0.46 0.00	28.51 -0.55 0.00	27.63 -0.54 0.00	29.09 -0.50 0.00	28.70 -0.47 0.00	28.36 -0.43 0.00	29.85 -0.45 0.00	29.85 -0.42 0.00	31.78 -0.42 0.00	34.39 -0.38 0.00	37.12 -0.30 0.00	39.56 -0.16 0.00	45.05 -0.32 0.00	54.11 -0.16 0.00	57.92 -0.12 0.00	56.88 -0.23 0.00	51.09 0.05 0.00	45.09 0.05 0.00	39.49 0.31 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.11 -4.50 10.18	21.64 -4.01 8.02	19.89 -3.88 8.29	22.15 -3.73 4.66	24.00 -3.83 2.34	25.22 -3.88 1.49	23.37 -3.78 1.91	21.84 -3.18 3.14	21.35 -3.11 5.13	25.06 -3.03 1.07	24.40 -3.11 1.28	23.11 -3.27 3.92	24.26 -3.21 2.81	20.81 -3.38 8.01	22.50 -3.76 8.52	24.08 -4.30 9.04	25.53 -4.25 9.93	35.00 -4.81 5.56	40.60 -5.81 7.87	45.77 -6.27 6.00	47.21 -5.94 3.96	42.61 -5.41 3.02	38.39 -4.86 1.79	35.26 -3.92 0.00
EMPIRE_CC_1 323656	39.12 1.32 0.00	34.78 1.11 0.00	33.24 1.19 0.00	31.61 1.07 0.00	31.28 1.12 0.00	31.72 1.13 0.00	30.19 1.13 0.00	29.12 0.96 0.00	30.45 0.86 0.00	30.01 0.85 0.00	29.63 0.84 0.00	31.21 0.91 0.00	31.12 0.85 0.00	33.01 0.81 0.00	35.71 0.94 0.00	38.62 1.20 0.00	40.39 0.67 0.00	46.19 0.82 0.00	54.88 0.60 0.00	58.67 0.64 0.00	57.80 0.69 0.00	51.65 0.61 0.00	45.72 0.68 0.00	39.49 0.31 0.00
EMPIRE_CC_2 323658	39.12 1.32 0.00	34.78 1.11 0.00	33.24 1.19 0.00	31.61 1.07 0.00	31.28 1.12 0.00	31.72 1.13 0.00	30.19 1.13 0.00	29.12 0.96 0.00	30.45 0.86 0.00	30.01 0.85 0.00	29.63 0.84 0.00	31.21 0.91 0.00	31.12 0.85 0.00	33.01 0.81 0.00	35.71 0.94 0.00	38.62 1.20 0.00	40.39 0.67 0.00	46.19 0.82 0.00	54.88 0.60 0.00	58.67 0.64 0.00	57.80 0.69 0.00	51.65 0.61 0.00	45.72 0.68 0.00	39.49 0.31 0.00
ENORWICH_115KV_TB1 80156	40.05 0.79 -1.46	35.91 0.81 -1.43	34.09 0.67 -1.36	31.78 0.64 -0.60	31.36 0.57 -0.62	31.44 0.76 -0.08	29.55 0.23 -0.26	29.00 0.28 -0.56	30.56 0.06 -0.91	29.33 -0.03 -0.19	28.73 -0.29 -0.23	30.64 -0.36 -0.70	30.32 -0.45 -0.50	33.27 -0.35 -1.42	35.87 -0.42 -1.51	38.50 -0.52 -1.61	41.09 -0.20 -1.58	45.92 0.05 -0.51	55.82 0.98 -0.57	59.33 1.28 -0.02	58.60 1.66 0.17	52.32 1.48 0.20	46.01 1.08 0.12	40.16 0.98 0.00
ERIE_ST__34_KV_TB1-2 80199	25.03 -3.48 9.29	23.32 -3.10 7.26	21.49 -3.05 7.52	23.37 -2.90 4.27	24.89 -3.11 2.17	26.10 -3.12 1.37	24.29 -3.02 1.75	22.85 -2.45 2.86	22.57 -2.34 4.69	25.88 -2.30 0.98	25.26 -2.36 1.17	24.27 -2.45 3.58	25.29 -2.42 2.56	22.38 -2.51 7.31	24.21 -2.78 7.78	26.03 -3.22 8.18	27.64 -3.06 9.02	36.82 -3.36 5.19	42.84 -4.07 7.37	47.97 -4.41 5.65	49.02 -4.34 3.75	43.99 -4.19 2.86	38.97 -4.37 1.70	35.57 -3.60 0.00
ERIE_WT_PWR 323693	23.54 -4.23 10.02	21.99 -3.77 7.91	20.23 -3.65 8.16	22.44 -3.51 4.58	24.25 -3.62 2.29	25.50 -3.64 1.45	23.63 -3.55 1.88	22.07 -2.99 3.11	21.58 -2.93 5.09	25.22 -2.89 1.06	24.56 -2.96 1.27	23.29 -3.12 3.89	24.44 -3.06 2.78	21.07 -3.19 7.94	22.75 -3.58 8.45	24.62 -3.89 8.91	25.99 -3.93 9.79	35.43 -4.40 5.54	41.07 -5.37 7.84	46.33 -5.75 5.95	48.02 -5.20 3.90	43.12 -4.95 2.97	38.68 -4.59 1.76	35.34 -3.84 0.00
ESPRGFLD_115KV_TB1 80157	39.06 1.32 0.05	34.88 1.21 0.00	33.13 1.09 0.02	31.48 0.98 0.03	31.12 0.97 0.01	31.54 0.98 0.03	29.86 0.81 0.01	28.92 0.76 0.00	30.19 0.59 0.00	29.66 0.50 0.00	29.17 0.37 0.00	30.64 0.33 0.00	30.49 0.21 0.00	32.43 0.23 0.00	35.02 0.24 0.00	37.72 0.30 0.00	40.23 0.52 0.00	46.19 0.82 0.00	55.96 1.68 0.00	60.24 2.21 0.00	59.45 2.34 0.00	53.03 1.99 0.00	46.66 1.62 0.00	40.47 1.29 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.32 -0.04 -2.57	36.03 -0.03 -2.39	34.31 -0.06 -2.32	31.55 -0.06 -1.08	31.10 -0.09 -1.02	30.73 -0.06 -0.20	29.32 -0.20 -0.46	28.95 -0.14 -0.93	30.94 -0.18 -1.53	29.25 -0.23 -0.32	28.83 -0.35 -0.38	31.08 -0.39 -1.17	30.72 -0.39 -0.84	34.26 -0.32 -2.38	36.89 -0.42 -2.53	39.59 -0.52 -2.69	41.95 -0.48 -2.71	46.03 -0.36 -1.02	55.36 -0.16 -1.25	58.49 0.06 -0.40	57.47 0.34 -0.02	51.17 0.20 0.08	45.04 0.05 0.04	39.22 0.04 0.00
ETNA____115KV_TB2 80207	40.32 -0.04 -2.57	36.03 -0.03 -2.39	34.31 -0.06 -2.32	31.55 -0.06 -1.08	31.10 -0.09 -1.02	30.73 -0.06 -0.20	29.32 -0.20 -0.46	28.95 -0.14 -0.93	30.94 -0.18 -1.53	29.25 -0.23 -0.32	28.83 -0.35 -0.38	31.08 -0.39 -1.17	30.72 -0.39 -0.84	34.26 -0.32 -2.38	36.89 -0.42 -2.53	39.59 -0.52 -2.69	41.95 -0.48 -2.71	46.03 -0.36 -1.02	55.36 -0.16 -1.25	58.49 0.06 -0.40	57.47 0.34 -0.02	51.17 0.20 0.08	45.04 0.05 0.04	39.22 0.04 0.00
EUCLID___115KV_TB2 356179	36.85 -0.94 0.00	32.86 -0.81 0.00	31.25 -0.80 0.00	29.77 -0.76 0.00	29.41 -0.75 0.00	29.85 -0.73 0.00	28.31 -0.76 0.00	27.49 -0.68 0.00	28.91 -0.68 0.00	28.50 -0.67 0.00	28.10 -0.69 0.00	29.58 -0.73 0.00	29.55 -0.73 0.00	31.49 -0.71 0.00	33.94 -0.83 0.00	36.37 -1.05 0.00	38.26 -1.19 0.27	43.32 -1.32 0.73	51.51 -1.52 1.24	55.01 -1.51 1.52	54.44 -1.37 1.30	48.72 -1.28 1.04	43.26 -1.17 0.61	38.20 -0.98 0.00
E_CANADA_CAP_HY 24051	39.61 1.85 0.04	35.35 1.68 0.00	33.58 1.54 0.01	31.92 1.41 0.02	31.58 1.42 0.01	31.94 1.38 0.02	30.22 1.16 0.01	29.12 0.96 0.00	30.22 0.62 0.00	29.60 0.44 0.00	29.08 0.29 0.00	30.52 0.21 0.00	30.28 0.00 0.00	32.07 -0.13 0.00	34.70 -0.07 0.00	37.46 0.04 0.00	39.96 0.24 0.00	45.96 0.59 0.00	56.07 1.79 0.00	60.99 2.96 0.00	60.25 3.14 0.00	53.74 2.70 0.00	47.38 2.34 0.00	41.02 1.84 0.00
E_CANADA_MHWK_HY 24050	37.42 -0.38 0.00	33.33 -0.34 0.00	31.73 -0.32 0.00	30.20 -0.34 0.00	29.86 -0.30 0.00	30.34 -0.25 0.00	28.80 -0.26 0.00	27.91 -0.25 0.00	29.27 -0.32 0.00	28.85 -0.32 0.00	28.47 -0.32 0.00	29.97 -0.33 0.00	29.91 -0.36 0.00	31.85 -0.35 0.00	34.39 -0.38 0.00	37.01 -0.41 0.00	39.32 -0.40 0.00	44.83 -0.54 0.00	53.79 -0.49 0.00	57.63 -0.40 0.00	56.77 -0.34 0.00	50.84 -0.20 0.00	45.04 0.00 0.00	39.18 0.00 0.00
E_FISHKILL___LBMP 23776	39.77 2.00 0.03	35.35 1.68 0.00	33.65 1.60 0.01	31.98 1.47 0.02	31.58 1.42 0.00	31.89 1.32 0.01	30.59 1.54 0.01	29.68 1.52 0.00	31.25 1.66 0.00	30.83 1.66 0.00	30.58 1.79 0.00	32.15 1.85 0.00	32.18 1.91 0.00	34.20 2.00 0.00	36.93 2.16 0.00	39.97 2.54 0.00	42.66 2.94 0.00	48.73 3.36 0.00	58.02 3.75 0.00	61.75 3.71 0.00	60.31 3.20 0.00	53.64 2.60 0.00	47.34 2.30 0.00	40.90 1.72 0.00
FALCON___SEABRD_CC1 323796	37.49 -0.30 0.00	33.40 -0.27 0.00	31.83 -0.22 0.00	30.39 -0.15 0.00	29.99 -0.18 0.00	30.40 -0.18 0.00	28.74 -0.32 0.00	27.85 -0.31 0.00	29.36 -0.24 0.00	28.96 -0.20 0.00	28.59 -0.20 0.00	30.12 -0.18 0.00	30.13 -0.15 0.00	32.11 -0.10 0.00	34.74 -0.03 0.00	37.50 0.07 0.00	39.96 0.24 0.00	45.51 0.14 0.00	54.71 0.43 0.00	58.56 0.52 0.00	57.51 0.40 0.00	51.65 0.61 0.00	45.62 0.58 0.00	39.96 0.78 0.00
FALCON___SEABRD_CC2 323797	37.49 -0.30 0.00	33.40 -0.27 0.00	31.83 -0.22 0.00	30.39 -0.15 0.00	29.99 -0.18 0.00	30.40 -0.18 0.00	28.74 -0.32 0.00	27.85 -0.31 0.00	29.36 -0.24 0.00	28.96 -0.20 0.00	28.59 -0.20 0.00	30.12 -0.18 0.00	30.13 -0.15 0.00	32.11 -0.10 0.00	34.74 -0.03 0.00	37.50 0.07 0.00	39.96 0.24 0.00	45.51 0.14 0.00	54.71 0.43 0.00	58.56 0.52 0.00	57.51 0.40 0.00	51.65 0.61 0.00	45.62 0.58 0.00	39.96 0.78 0.00

FAR ROCKAWAY___4 23548	41.17 3.40 0.03	36.50 2.83 0.00	34.58 2.53 0.01	32.75 2.23 0.02	32.21 2.05 0.00	32.38 1.80 0.01	31.29 2.24 0.01	30.42 2.25 0.00	32.11 2.52 0.00	31.88 2.71 0.00	35.99 2.91 -4.29	40.97 3.06 -7.60	43.03 3.12 -9.64	61.93 3.32 -26.41	82.97 3.62 -44.58	81.17 4.12 -39.63	86.10 4.73 -41.66	78.48 5.31 -27.80	78.40 6.13 -17.98	78.76 6.09 -14.63	62.76 5.60 -0.05	55.73 4.64 -0.04	48.55 3.51 0.00	42.23 3.06 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.33 2.57 0.03	35.83 2.15 0.00	34.06 2.02 0.01	32.38 1.86 0.02	31.94 1.78 0.00	32.19 1.62 0.01	30.97 1.92 0.01	30.13 1.97 0.00	31.81 2.22 0.00	31.41 2.25 0.00	31.21 2.42 0.00	32.82 2.52 0.00	32.85 2.57 0.00	34.91 2.71 0.00	37.69 2.92 0.00	40.83 3.41 0.00	44.21 3.93 -0.56	49.77 4.40 0.00	59.27 4.99 0.00	62.91 4.87 0.00	61.34 4.23 0.00	54.46 3.42 0.00	48.06 3.02 0.00	41.49 2.31 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.33 2.57 0.03	35.83 2.15 0.00	34.06 2.02 0.01	32.38 1.86 0.02	31.94 1.78 0.00	32.22 1.65 0.01	30.97 1.92 0.01	30.13 1.97 0.00	31.78 2.19 0.00	31.41 2.25 0.00	31.21 2.42 0.00	32.79 2.48 0.00	32.85 2.57 0.00	34.91 2.71 0.00	37.69 2.92 0.00	40.83 3.41 0.00	44.21 3.93 -0.56	49.77 4.40 0.00	59.27 4.99 0.00	62.91 4.87 0.00	61.34 4.23 0.00	54.46 3.42 0.00	48.06 3.02 0.00	41.49 2.31 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.30 2.53 0.03	35.79 2.12 0.00	34.06 2.02 0.01	32.35 1.83 0.02	31.94 1.78 0.00	32.19 1.62 0.01	30.97 1.92 0.01	30.13 1.97 0.00	31.78 2.19 0.00	31.38 2.22 0.00	31.18 2.39 0.00	32.79 2.48 0.00	32.85 2.57 0.00	34.88 2.67 0.00	37.66 2.89 0.00	40.79 3.37 0.00	44.17 3.89 -0.56	49.72 4.36 0.00	59.22 4.94 0.00	62.85 4.82 0.00	61.28 4.17 0.00	54.41 3.37 0.00	48.01 2.97 0.00	41.45 2.27 0.00
FARRAGUT___LBMP 323566	40.30 2.53 0.03	35.76 2.09 0.00	34.03 1.99 0.01	32.35 1.83 0.02	31.91 1.75 0.00	32.16 1.59 0.01	30.94 1.89 0.01	30.11 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.76 2.45 0.00	32.82 2.54 0.00	34.88 2.67 0.00	37.62 2.85 0.00	40.75 3.33 0.00	44.13 3.85 -0.56	49.72 4.36 0.00	59.16 4.88 0.00	62.85 4.82 0.00	61.22 4.11 0.00	54.41 3.37 0.00	47.97 2.93 0.00	41.45 2.27 0.00
FARRCKWY_69_KV_BK2 55825	41.17 3.40 0.03	36.50 2.83 0.00	34.58 2.53 0.01	32.75 2.23 0.02	32.21 2.05 0.00	32.38 1.80 0.01	31.29 2.24 0.01	30.42 2.25 0.00	32.11 2.52 0.00	31.88 2.71 0.00	35.99 2.91 -4.29	40.97 3.06 -7.60	43.03 3.12 -9.64	61.93 3.32 -26.41	82.97 3.62 -44.58	81.17 4.12 -39.63	86.10 4.73 -41.66	78.48 5.31 -27.80	78.40 6.13 -17.98	78.76 6.09 -14.63	62.76 5.60 -0.05	55.73 4.64 -0.04	48.55 3.51 0.00	42.23 3.06 0.00
FENNER___WINDPWR 24204	37.91 0.15 0.04	33.84 0.17 0.00	32.17 0.13 0.01	30.60 0.09 0.02	30.45 0.09 -0.20	30.72 0.15 0.02	29.11 0.06 0.01	28.22 0.06 0.00	29.62 0.03 0.00	29.14 -0.03 0.00	28.70 -0.09 0.00	30.18 -0.12 0.00	30.16 -0.12 0.00	32.14 -0.06 0.00	34.67 -0.10 0.00	37.20 -0.22 0.00	39.45 -0.16 0.11	44.98 -0.09 0.30	53.92 0.16 0.52	57.64 0.23 0.63	57.00 0.40 0.51	50.92 0.31 0.43	44.97 0.18 0.25	39.33 0.16 0.00
FIBERTEK___ENERGY 23856	37.26 -0.53 0.00	33.23 -0.44 0.00	31.60 -0.45 0.00	30.11 -0.43 0.00	30.12 -0.42 -0.37	30.19 -0.40 0.00	28.57 -0.49 0.00	27.74 -0.42 0.00	29.21 -0.38 0.00	28.79 -0.38 0.00	28.36 -0.43 0.00	29.82 -0.48 0.00	29.82 -0.45 0.00	31.78 -0.42 0.00	34.29 -0.49 0.00	36.71 -0.71 0.00	38.88 -0.83 0.00	44.51 -0.86 0.00	53.35 -0.92 0.00	57.16 -0.87 0.00	56.47 -0.69 -0.05	50.38 -0.66 0.00	44.41 -0.63 0.00	38.67 -0.51 0.00
FITZPATRICK___ 23598	36.49 -1.32 -0.02	32.49 -1.18 0.00	30.94 -1.12 -0.01	29.48 -1.07 -0.02	29.11 -1.06 0.00	29.56 -1.04 -0.01	28.05 -1.02 -0.01	27.20 -0.96 0.00	28.62 -0.98 0.00	28.20 -0.96 0.00	27.81 -0.98 0.00	29.27 -1.03 0.00	29.25 -1.03 0.00	31.14 -1.06 0.00	33.59 -1.18 0.00	35.92 -1.50 0.00	38.05 -1.67 0.00	43.51 -1.86 0.00	52.10 -2.17 0.00	55.77 -2.26 0.00	55.00 -2.11 0.00	49.10 -1.94 0.00	43.33 -1.71 0.00	37.80 -1.37 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.22 2.46 0.03	35.73 2.05 0.00	34.03 1.99 0.01	32.32 1.80 0.02	31.91 1.75 0.00	32.22 1.65 0.01	30.86 1.80 0.01	29.85 1.69 0.00	31.43 1.83 0.00	30.92 1.75 0.00	30.66 1.87 0.00	32.24 1.94 0.00	32.27 2.00 0.00	34.33 2.13 0.00	37.10 2.33 0.00	40.26 2.84 0.00	43.05 3.34 0.00	49.27 3.90 0.00	58.67 4.40 0.00	62.45 4.41 0.00	60.99 3.88 0.00	54.26 3.22 0.00	47.83 2.79 0.00	41.33 2.15 0.00
FORT ORANGE___ 23900	38.89 1.10 0.00	34.61 0.94 0.00	33.14 1.09 0.00	31.51 0.98 0.00	31.16 0.99 0.00	31.56 0.98 0.00	30.02 0.96 0.00	28.84 0.67 0.00	30.15 0.56 0.00	29.66 0.50 0.00	29.28 0.49 0.00	30.82 0.51 0.00	30.73 0.45 0.00	32.62 0.42 0.00	35.30 0.52 0.00	38.24 0.82 0.00	40.43 0.72 0.00	46.19 0.82 0.00	55.14 0.87 0.00	59.13 1.10 0.00	58.19 1.08 0.00	51.96 0.92 0.00	45.94 0.90 0.00	39.72 0.55 0.00
FORT_DRUM_COGEN 23780	37.53 -0.26 0.00	33.54 -0.13 0.00	31.83 -0.22 0.00	30.32 -0.21 0.00	29.95 -0.21 0.00	30.62 0.03 0.00	28.83 -0.23 0.00	27.88 -0.28 0.00	29.03 -0.56 0.00	28.50 -0.67 0.00	27.90 -0.89 0.00	29.33 -0.97 0.00	29.25 -1.03 0.00	31.20 -1.00 0.00	33.56 -1.22 0.00	36.00 -1.42 0.00	38.49 -1.23 0.00	44.10 -1.27 0.00	53.79 -0.49 0.00	57.57 -0.46 0.00	57.00 -0.11 0.00	51.24 0.20 0.00	45.00 -0.05 0.00	39.22 0.04 0.00
FOX_HILLS___ESR 323835	40.64 2.87 0.02	36.07 2.39 -0.01	34.33 2.28 0.00	32.63 2.11 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.00 1.95 0.01	30.05 1.89 0.00	31.63 2.04 0.00	31.24 2.07 0.00	31.10 2.30 0.00	32.73 2.43 0.00	32.85 2.57 0.00	34.87 2.67 0.00	37.62 2.85 0.00	40.90 3.48 0.00	44.29 4.01 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.14 5.11 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
FPL_FAR_ROCK_GT1 24212	41.17 3.40 0.02	36.50 2.83 0.00	34.58 2.53 0.00	32.75 2.23 0.02	32.21 2.05 0.00	32.37 1.80 0.01	31.29 2.24 0.01	30.47 2.31 0.00	32.11 2.51 0.00	31.88 2.71 0.00	35.99 2.91 -4.29	40.97 3.06 -7.60	43.04 3.12 -9.64	61.94 3.32 -26.41	82.97 3.62 -44.58	81.24 4.19 -39.63	86.06 4.68 -41.66	78.48 5.31 -27.80	78.39 6.13 -17.98	78.93 6.27 -14.63	62.76 5.60 -0.05	55.73 4.64 -0.04	48.38 3.33 0.00	42.04 2.86 0.00
FPL_FAR_ROCK_GT2 23815	41.17 3.40 0.02	36.50 2.83 0.00	34.58 2.53 0.00	32.75 2.23 0.02	32.21 2.05 0.00	32.37 1.80 0.01	31.29 2.24 0.01	30.47 2.31 0.00	32.11 2.51 0.00	31.88 2.71 0.00	35.99 2.91 -4.29	40.97 3.06 -7.60	43.04 3.12 -9.64	61.94 3.32 -26.41	82.97 3.62 -44.58	81.24 4.19 -39.63	86.06 4.68 -41.66	78.48 5.31 -27.80	78.39 6.13 -17.98	78.93 6.27 -14.63	62.76 5.60 -0.05	55.73 4.64 -0.04	48.38 3.33 0.00	42.04 2.86 0.00

FRANKLIN_FALL_HYD 24054	37.34 -0.45 0.00	33.27 -0.40 0.00	31.70 -0.35 0.00	30.26 -0.27 0.00	29.86 -0.30 0.00	30.31 -0.28 0.00	28.65 -0.41 0.00	27.74 -0.42 0.00	29.21 -0.38 0.00	28.82 -0.35 0.00	28.45 -0.35 0.00	29.97 -0.33 0.00	29.94 -0.33 0.00	31.91 -0.29 0.00	34.49 -0.28 0.00	37.23 -0.19 0.00	39.72 0.00 0.00	45.19 -0.18 0.00	54.39 0.11 0.00	58.27 0.23 0.00	57.28 0.17 0.00	51.50 0.46 0.00	45.40 0.36 0.00	39.84 0.67 0.00
FREEPORT_EQUS_GT1 23764	40.94 3.18 0.03	36.30 2.63 0.00	34.38 2.34 0.01	32.56 2.05 0.02	32.03 1.87 0.00	32.16 1.59 0.01	31.15 2.09 0.01	30.30 2.14 0.00	31.96 2.37 0.00	31.73 2.57 0.00	35.85 2.76 -4.29	40.79 2.88 -7.60	42.85 2.94 -9.64	51.67 3.09 -16.37	59.64 3.34 -21.53	60.45 3.89 -19.13	63.33 4.37 -19.25	64.03 4.90 -13.76	67.19 5.70 -7.21	69.65 5.75 -5.87	62.15 5.03 -0.02	55.24 4.19 -0.01	48.01 2.97 0.00	41.84 2.67 0.00
FREEPORT___CT2 23818	40.94 3.18 0.03	36.30 2.63 0.00	34.38 2.34 0.01	32.56 2.05 0.02	32.03 1.87 0.00	32.16 1.59 0.01	31.15 2.09 0.01	30.30 2.14 0.00	31.96 2.37 0.00	31.73 2.57 0.00	35.85 2.76 -4.29	40.79 2.88 -7.60	42.85 2.94 -9.64	51.67 3.09 -16.37	59.64 3.34 -21.53	60.45 3.89 -19.13	63.33 4.37 -19.25	64.03 4.90 -13.76	67.19 5.70 -7.21	69.65 5.75 -5.87	62.15 5.03 -0.02	55.24 4.19 -0.01	48.01 2.97 0.00	41.84 2.67 0.00
FRESHKLS_33_KV_LOAD 356253	40.72 2.95 0.02	36.17 2.49 -0.01	34.39 2.34 0.00	32.69 2.17 0.01	32.28 2.11 0.00	32.47 1.90 0.01	31.09 2.03 0.01	30.10 1.94 0.00	31.66 2.07 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.91 2.63 0.00	34.94 2.74 0.00	37.73 2.95 0.00	41.01 3.59 0.00	44.41 4.13 -0.56	50.13 4.76 0.00	59.65 5.37 0.00	63.37 5.34 0.00	61.57 4.46 0.00	54.82 3.78 0.00	48.47 3.42 -0.01	41.77 2.59 -0.01
FULTON COGEN____ 23766	36.81 -0.98 0.00	32.80 -0.88 0.00	31.22 -0.83 0.00	29.71 -0.82 0.00	29.35 -0.81 0.00	29.79 -0.80 0.00	28.25 -0.81 0.00	27.43 -0.73 0.00	28.85 -0.74 0.00	28.44 -0.73 0.00	28.01 -0.78 0.00	29.46 -0.85 0.00	29.46 -0.82 0.00	31.37 -0.84 0.00	33.83 -0.94 0.00	36.22 -1.20 0.00	38.73 -1.35 -0.36	44.85 -1.50 -0.98	54.26 -1.68 -1.66	58.38 -1.68 -2.03	57.31 -1.54 -1.74	51.00 -1.43 -1.39	44.55 -1.31 -0.82	38.08 -1.10 0.00
FULTON___LFGE 323630	39.73 1.96 0.03	35.45 1.78 0.00	33.71 1.67 0.01	32.01 1.50 0.02	31.70 1.54 0.00	32.04 1.47 0.02	30.30 1.25 0.01	29.09 0.93 0.00	30.13 0.53 0.00	29.49 0.32 0.00	28.94 0.14 0.00	30.37 0.06 0.00	30.16 -0.12 0.00	31.94 -0.21 0.00	34.57 -0.21 0.00	37.35 -0.07 0.00	39.80 0.08 0.00	45.96 0.59 0.00	56.01 1.74 0.00	61.11 3.07 0.00	60.48 3.37 0.00	53.95 2.91 0.00	47.52 2.48 0.00	41.13 1.96 0.00
G.F.CEMENT___DRP 24184	40.55 2.76 0.00	36.16 2.49 0.00	34.39 2.34 0.00	32.64 2.11 0.00	32.34 2.17 0.00	32.70 2.11 0.00	31.07 2.01 0.00	29.88 1.72 0.00	31.16 1.57 0.00	30.54 1.37 0.00	29.80 1.01 0.00	31.34 1.03 0.00	30.91 0.64 0.00	32.72 0.52 0.00	35.54 0.77 0.00	38.54 1.12 0.00	41.31 1.59 0.00	47.55 2.18 0.00	57.48 3.20 0.00	62.56 4.53 0.00	61.85 4.74 0.00	55.17 4.13 0.00	48.51 3.47 0.00	42.00 2.82 0.00
GARDENVILLE___LBMP 24039	22.46 -4.31 11.02	21.07 -3.80 8.80	19.30 -3.72 9.04	21.95 -3.57 5.01	24.04 -3.68 2.44	25.30 -3.73 1.55	23.37 -3.63 2.06	21.68 -3.04 3.45	21.00 -2.96 5.64	25.07 -2.92 1.18	24.39 -2.99 1.41	22.84 -3.15 4.31	24.10 -3.09 3.09	20.18 -3.22 8.80	21.80 -3.62 9.36	23.39 -4.12 9.91	24.83 -4.05 10.84	34.83 -4.54 6.00	40.34 -5.48 8.46	45.85 -5.86 6.33	47.43 -5.60 4.08	42.83 -5.10 3.11	38.51 -4.68 1.84	35.38 -3.80 0.00
GARDNVLA_35_KV_LD 355827	23.91 -4.23 9.65	22.32 -3.77 7.58	20.56 -3.65 7.84	22.60 -3.51 4.42	24.31 -3.62 2.24	25.54 -3.64 1.41	23.70 -3.55 1.81	22.19 -2.99 2.98	21.78 -2.93 4.88	25.26 -2.89 1.02	24.64 -2.94 1.22	23.48 -3.09 3.73	24.55 -3.06 2.67	21.39 -3.19 7.62	23.12 -3.55 8.10	24.84 -4.04 8.54	26.38 -3.93 9.40	35.61 -4.40 5.36	41.41 -5.26 7.60	46.59 -5.63 5.81	47.91 -5.37 3.83	43.17 -4.95 2.92	38.80 -4.50 1.73	35.53 -3.64 0.00
GELCKHM___115KV_LOAD 80723	37.00 -0.79 0.00	33.00 -0.67 0.00	31.38 -0.67 0.00	29.90 -0.64 0.00	29.77 -0.63 -0.24	29.97 -0.61 0.00	28.39 -0.67 0.00	27.57 -0.59 0.00	29.03 -0.56 0.00	28.61 -0.55 0.00	28.19 -0.60 0.00	29.67 -0.64 0.00	29.67 -0.61 0.00	31.59 -0.61 0.00	34.08 -0.70 0.00	36.49 -0.94 0.00	38.46 -1.07 0.18	43.70 -1.18 0.49	52.14 -1.30 0.83	55.74 -1.28 1.01	55.13 -1.14 0.84	49.27 -1.07 0.69	43.64 -0.99 0.41	38.35 -0.82 0.00
GENERAL___MILLS 23808	23.54 -4.23 10.02	21.99 -3.77 7.91	20.24 -3.65 8.16	22.44 -3.51 4.58	24.25 -3.62 2.29	25.50 -3.64 1.45	23.61 -3.57 1.88	22.07 -2.99 3.11	21.58 -2.93 5.09	25.25 -2.86 1.06	24.59 -2.94 1.27	23.32 -3.09 3.89	24.46 -3.03 2.78	21.07 -3.19 7.94	22.78 -3.55 8.45	24.47 -4.04 8.91	25.95 -3.97 9.79	35.43 -4.40 5.54	41.12 -5.32 7.84	46.39 -5.69 5.95	47.79 -5.43 3.90	43.06 -5.00 2.97	38.68 -4.59 1.76	35.45 -3.72 0.00
GE_PLASTICS___DRP 24183	38.70 0.91 0.00	34.45 0.77 0.00	32.95 0.90 0.00	31.33 0.79 0.00	30.98 0.81 0.00	31.38 0.80 0.00	29.85 0.78 0.00	28.75 0.59 0.00	30.13 0.53 0.00	29.69 0.52 0.00	29.31 0.52 0.00	30.85 0.55 0.00	30.79 0.51 0.00	32.69 0.48 0.00	35.36 0.59 0.00	38.21 0.79 0.00	40.43 0.71 0.00	46.19 0.82 0.00	55.09 0.81 0.00	58.96 0.93 0.00	57.97 0.86 0.00	51.75 0.71 0.00	45.72 0.68 0.00	39.65 0.47 0.00
GILBOA___1 23756	38.70 0.95 0.04	34.61 0.94 0.00	32.97 0.93 0.01	31.34 0.82 0.02	30.97 0.81 0.01	31.36 0.79 0.02	29.81 0.75 0.01	28.87 0.70 0.00	30.30 0.71 0.00	29.86 0.70 0.00	29.51 0.72 0.00	31.06 0.76 0.00	31.03 0.76 0.00	32.97 0.77 0.00	35.64 0.87 0.00	38.51 1.09 0.00	40.87 1.15 0.00	46.69 1.32 0.00	55.74 1.47 0.00	59.54 1.51 0.00	58.31 1.20 0.00	52.11 1.07 0.00	45.99 0.95 0.00	39.80 0.62 0.00
GILBOA___2 23757	38.70 0.95 0.04	34.61 0.94 0.00	32.97 0.93 0.01	31.34 0.82 0.02	30.97 0.81 0.01	31.36 0.79 0.02	29.81 0.75 0.01	28.87 0.70 0.00	30.30 0.71 0.00	29.86 0.70 0.00	29.51 0.72 0.00	31.06 0.76 0.00	31.03 0.76 0.00	32.97 0.77 0.00	35.64 0.87 0.00	38.51 1.09 0.00	40.87 1.15 0.00	46.69 1.32 0.00	55.74 1.47 0.00	59.54 1.51 0.00	58.31 1.20 0.00	52.11 1.07 0.00	45.99 0.95 0.00	39.80 0.62 0.00
GILBOA___3 23758	38.70 0.95 0.04	34.61 0.94 0.00	32.97 0.93 0.01	31.34 0.82 0.02	30.97 0.81 0.01	31.36 0.79 0.02	29.81 0.75 0.01	28.87 0.70 0.00	30.30 0.71 0.00	29.86 0.70 0.00	29.51 0.72 0.00	31.06 0.76 0.00	31.03 0.76 0.00	32.97 0.77 0.00	35.64 0.87 0.00	38.51 1.09 0.00	40.87 1.15 0.00	46.69 1.32 0.00	55.74 1.47 0.00	59.54 1.51 0.00	58.31 1.20 0.00	52.11 1.07 0.00	45.99 0.95 0.00	39.80 0.62 0.00

GILBOA___4 23759	38.70 0.95 0.04	34.61 0.94 0.00	32.97 0.93 0.01	31.34 0.82 0.02	30.97 0.81 0.01	31.36 0.79 0.02	29.81 0.75 0.01	28.87 0.70 0.00	30.30 0.71 0.00	29.86 0.70 0.00	29.51 0.72 0.00	31.06 0.76 0.00	31.03 0.76 0.00	32.97 0.77 0.00	35.64 0.87 0.00	38.51 1.09 0.00	40.87 1.15 0.00	46.69 1.32 0.00	55.74 1.47 0.00	59.54 1.51 0.00	58.31 1.20 0.00	52.11 1.07 0.00	45.99 0.95 0.00	39.80 0.62 0.00
GILBOA____ 23599	38.70 0.94 0.04	34.61 0.94 0.00	32.97 0.93 0.01	31.34 0.82 0.02	30.97 0.81 0.01	31.36 0.80 0.02	29.81 0.76 0.01	28.87 0.70 0.00	30.30 0.71 0.00	29.87 0.70 0.00	29.51 0.72 0.00	31.06 0.76 0.00	31.03 0.76 0.00	32.98 0.77 0.00	35.64 0.87 0.00	38.47 1.05 0.00	40.87 1.15 0.00	46.69 1.32 0.00	55.74 1.47 0.00	59.43 1.39 0.00	58.48 1.37 0.00	52.11 1.07 0.00	45.99 0.95 0.00	39.88 0.71 0.00
GINNA____ 23603	33.99 -3.93 -0.12	30.17 -3.50 0.00	28.69 -3.40 -0.04	27.41 -3.21 -0.08	25.29 -3.14 1.74	27.56 -3.09 -0.06	25.95 -3.14 -0.03	25.32 -2.84 0.00	26.75 -2.84 0.00	26.39 -2.77 0.00	25.97 -2.82 0.00	27.34 -2.97 0.00	27.37 -2.91 0.00	29.14 -3.06 0.00	31.30 -3.48 0.00	33.30 -4.12 0.00	34.89 -4.33 0.50	39.18 -4.81 1.38	46.29 -5.65 2.34	49.28 -5.92 2.84	49.30 -5.20 2.62	44.24 -4.85 1.95	39.80 -4.10 1.15	35.69 -3.49 0.00
GLEN PARK____ 23778	37.68 -0.11 0.00	33.64 -0.03 0.00	31.96 -0.10 0.00	30.42 -0.12 0.00	30.05 -0.12 0.00	30.74 0.15 0.00	28.92 -0.14 0.00	27.97 -0.20 0.00	29.09 -0.50 0.00	28.52 -0.64 0.00	27.90 -0.89 0.00	29.40 -0.91 0.00	29.28 -1.00 0.00	31.27 -0.93 0.00	33.59 -1.18 0.00	35.96 -1.46 0.00	38.53 -1.19 0.00	44.15 -1.22 0.00	53.95 -0.32 0.00	57.69 -0.35 0.00	57.17 0.06 0.00	51.40 0.36 0.00	45.13 0.09 0.00	39.33 0.16 0.00
GLENDALE_27_KV_LOAD 356172	40.61 2.83 0.02	36.07 2.39 -0.01	34.30 2.24 0.00	32.57 2.05 0.01	32.16 1.99 0.00	32.38 1.80 0.01	31.12 2.06 0.01	30.22 2.06 0.00	31.90 2.31 0.00	31.50 2.33 0.00	31.32 2.53 0.00	32.94 2.64 0.00	33.03 2.76 0.00	35.04 2.83 0.00	37.80 3.03 0.00	40.98 3.55 0.00	44.33 4.05 -0.56	50.04 4.67 0.00	59.54 5.26 0.00	63.14 5.11 0.00	61.51 4.40 0.00	54.66 3.62 0.00	48.28 3.24 0.00	41.72 2.55 0.00
GLENWOOD_IC_1_G5 23712	40.60 2.83 0.03	36.03 2.36 0.00	34.19 2.15 0.01	32.44 1.92 0.02	31.94 1.78 0.00	32.16 1.59 0.01	31.03 1.98 0.01	30.13 1.97 0.00	31.81 2.22 0.00	31.50 2.33 0.00	35.62 2.53 -4.29	40.54 2.64 -7.60	42.64 2.72 -9.64	49.76 2.87 -14.69	55.57 3.13 -17.67	56.72 3.59 -15.70	59.34 4.13 -15.49	61.41 4.63 -11.41	64.85 5.16 -5.41	67.48 5.05 -4.40	61.75 4.63 -0.01	54.87 3.83 -0.01	48.06 3.02 0.00	41.68 2.51 0.00
GLENWOOD_IC_2_G1 23688	40.34 2.57 0.03	35.83 2.16 0.00	34.03 1.99 0.01	32.32 1.80 0.02	31.85 1.69 0.00	32.07 1.50 0.01	30.92 1.86 0.01	30.05 1.89 0.00	31.66 2.07 0.00	31.32 2.16 0.00	35.44 2.36 -4.29	40.36 2.45 -7.60	42.42 2.51 -9.64	47.20 2.64 -12.36	49.94 2.85 -12.32	51.74 3.37 -10.95	53.82 3.81 -10.29	57.78 4.26 -8.15	62.08 4.89 -2.91	65.28 4.88 -2.37	61.34 4.23 0.00	54.51 3.47 0.00	47.74 2.70 0.00	41.37 2.19 0.00
GLENWOOD_IC_3_G1 23689	40.34 2.57 0.03	35.83 2.16 0.00	34.03 1.99 0.01	32.32 1.80 0.02	31.85 1.69 0.00	32.07 1.50 0.01	30.92 1.86 0.01	30.05 1.89 0.00	31.66 2.07 0.00	31.32 2.16 0.00	35.44 2.36 -4.29	40.36 2.45 -7.60	42.42 2.51 -9.64	47.20 2.64 -12.36	49.94 2.85 -12.32	51.74 3.37 -10.95	53.82 3.81 -10.29	57.78 4.26 -8.15	62.08 4.89 -2.91	65.28 4.88 -2.37	61.34 4.23 0.00	54.51 3.47 0.00	47.74 2.70 0.00	41.37 2.19 0.00
GLENWOOD___4 23550	40.60 2.83 0.03	36.03 2.36 0.00	34.19 2.15 0.01	32.44 1.92 0.02	31.94 1.78 0.00	32.16 1.59 0.01	31.03 1.98 0.01	30.13 1.97 0.00	31.81 2.22 0.00	31.50 2.33 0.00	35.62 2.53 -4.29	40.54 2.64 -7.60	42.64 2.72 -9.64	49.76 2.87 -14.69	55.57 3.13 -17.67	56.72 3.59 -15.70	59.34 4.13 -15.49	61.41 4.63 -11.41	64.90 5.21 -5.41	67.54 5.11 -4.40	61.75 4.63 -0.01	54.87 3.83 -0.01	48.06 3.02 0.00	41.68 2.51 0.00
GLENWOOD___5 23614	40.60 2.83 0.03	36.03 2.36 0.00	34.19 2.15 0.01	32.44 1.92 0.02	31.94 1.78 0.00	32.16 1.59 0.01	31.03 1.98 0.01	30.13 1.97 0.00	31.81 2.22 0.00	31.50 2.33 0.00	35.62 2.53 -4.29	40.54 2.64 -7.60	42.64 2.72 -9.64	49.76 2.87 -14.69	55.57 3.13 -17.67	56.72 3.59 -15.70	59.34 4.13 -15.49	61.41 4.63 -11.41	64.90 5.21 -5.41	67.54 5.11 -4.40	61.75 4.63 -0.01	54.87 3.83 -0.01	48.06 3.02 0.00	41.68 2.51 0.00
GLOBAL GREEN_PORT_GT1 23814	41.09 3.33 0.03	36.50 2.83 0.00	34.48 2.43 0.01	32.53 2.02 0.02	31.94 1.78 0.00	31.98 1.41 0.01	31.20 2.15 0.01	30.50 2.34 0.00	32.20 2.60 0.00	32.14 2.98 0.00	36.10 3.02 -4.29	40.96 3.06 -7.60	43.03 3.12 -9.64	46.06 3.19 -10.67	46.61 3.41 -8.43	49.21 4.30 -7.49	51.23 5.00 -6.51	56.68 5.53 -5.78	61.88 6.51 -1.10	65.31 6.38 -0.89	62.07 4.97 0.00	55.22 4.19 0.00	48.01 2.97 0.00	42.12 2.94 0.00
GLOBE___DSASP 323697	24.55 -5.29 7.95	23.00 -4.68 5.99	21.21 -4.55 6.29	22.49 -4.34 3.71	23.71 -4.37 2.08	24.86 -4.43 1.29	23.26 -4.30 1.50	22.14 -3.69 2.33	22.14 -3.64 3.82	24.84 -3.53 0.80	24.30 -3.54 0.95	23.60 -3.79 2.92	24.43 -3.75 2.09	22.28 -3.96 5.96	24.02 -4.42 6.34	25.59 -5.09 6.75	27.00 -5.16 7.55	34.89 -5.90 4.58	40.47 -7.22 6.59	44.86 -7.89 5.28	45.93 -7.54 3.64	41.62 -6.64 2.78	37.09 -6.31 1.65	34.28 -4.90 0.00
GOETHSLN___LBMP 323567	40.18 2.42 0.03	35.66 1.99 0.00	33.94 1.89 0.01	32.23 1.71 0.02	31.82 1.66 0.00	32.07 1.50 0.01	30.86 1.80 0.01	30.02 1.86 0.00	31.69 2.10 0.00	31.30 2.13 0.00	31.12 2.33 0.00	32.70 2.39 0.00	32.76 2.48 0.00	34.81 2.61 0.00	37.55 2.78 0.00	40.68 3.26 0.00	44.01 3.73 -0.56	49.59 4.22 0.00	59.05 4.78 0.00	62.68 4.64 0.00	61.11 4.00 0.00	54.26 3.22 0.00	47.83 2.79 0.00	41.29 2.12 0.00
GOLAH___69_KV_TB 1_2 80279	33.72 -2.95 1.13	30.06 -2.63 0.99	28.48 -2.60 0.98	27.57 -2.47 0.49	26.31 -2.47 1.38	28.03 -2.45 0.11	26.33 -2.53 0.21	25.60 -2.17 0.39	26.82 -2.13 0.64	26.90 -2.13 0.13	26.44 -2.19 0.16	27.48 -2.33 0.49	27.65 -2.27 0.35	28.85 -2.35 1.00	31.03 -2.68 1.07	33.02 -3.29 1.11	34.71 -3.34 1.67	39.76 -3.67 1.94	46.96 -4.23 3.09	50.39 -4.35 3.29	50.40 -3.94 2.77	45.41 -3.52 2.11	40.87 -2.93 1.25	36.83 -2.35 0.00
GOODYEAR_LAKE_HYD 323669	38.73 1.02 0.08	34.65 0.98 0.00	32.89 0.87 0.03	31.28 0.79 0.06	30.91 0.75 0.01	31.34 0.80 0.04	29.71 0.67 0.02	28.87 0.70 0.00	30.24 0.65 0.00	29.81 0.64 0.00	29.40 0.60 0.00	30.91 0.61 0.00	30.82 0.54 0.00	32.81 0.61 0.00	35.43 0.66 0.00	38.13 0.71 0.00	40.63 0.91 0.00	46.51 1.13 -0.01	55.97 1.68 -0.01	59.78 1.74 0.00	58.85 1.71 -0.02	52.47 1.43 0.00	46.17 1.13 0.00	40.08 0.90 0.00

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	37.04 -0.53 0.22	33.23 -0.44 0.00	31.53 -0.45 0.07	29.96 -0.43 0.15	29.91 -0.48 -0.23	29.98 -0.49 0.12	28.49 -0.52 0.05	27.77 -0.39 0.00	29.21 -0.38 0.00	28.79 -0.38 0.00	28.39 -0.40 0.00	29.85 -0.45 0.00	29.85 -0.42 0.00	31.85 -0.35 0.00	34.36 -0.42 0.00	36.86 -0.56 0.00	39.11 -0.48 0.13	44.48 -0.54 0.35	53.08 -0.60 0.60	56.71 -0.58 0.74	56.06 -0.46 0.60	49.96 -0.56 0.52	44.06 -0.68 0.30	38.59 -0.59 0.00
GOUDEY___7 23579	37.04 -0.53 0.22	33.23 -0.44 0.00	31.53 -0.45 0.07	29.96 -0.43 0.15	29.91 -0.48 -0.23	29.98 -0.49 0.12	28.49 -0.52 0.05	27.77 -0.39 0.00	29.21 -0.38 0.00	28.79 -0.38 0.00	28.39 -0.40 0.00	29.85 -0.45 0.00	29.85 -0.42 0.00	31.85 -0.35 0.00	34.36 -0.42 0.00	36.86 -0.56 0.00	39.11 -0.48 0.13	44.48 -0.54 0.35	53.08 -0.60 0.60	56.71 -0.58 0.74	56.06 -0.46 0.60	49.96 -0.56 0.52	44.06 -0.68 0.30	38.59 -0.59 0.00
GOUDEY___8 23580	37.04 -0.53 0.22	33.23 -0.44 0.00	31.53 -0.45 0.07	29.96 -0.43 0.15	29.91 -0.48 -0.23	29.98 -0.49 0.12	28.49 -0.52 0.05	27.77 -0.39 0.00	29.21 -0.38 0.00	28.79 -0.38 0.00	28.39 -0.40 0.00	29.85 -0.45 0.00	29.85 -0.42 0.00	31.85 -0.35 0.00	34.36 -0.42 0.00	36.86 -0.56 0.00	39.11 -0.48 0.13	44.48 -0.54 0.35	53.08 -0.60 0.60	56.71 -0.58 0.74	56.06 -0.46 0.60	49.96 -0.56 0.52	44.06 -0.68 0.30	38.59 -0.59 0.00
GOWANUS_GT1_1 24077	40.64 2.87 0.02	36.10 2.42 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.67 2.07 0.00	31.30 2.13 0.00	31.15 2.36 0.00	32.76 2.45 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.66 2.89 0.00	40.83 3.41 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.43 5.16 0.00	63.03 4.99 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.34 3.29 -0.01	41.77 2.59 -0.01
GOWANUS_GT1_2 24078	40.64 2.87 0.02	36.10 2.42 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.67 2.07 0.00	31.30 2.13 0.00	31.15 2.36 0.00	32.76 2.45 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.66 2.89 0.00	40.83 3.41 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.43 5.16 0.00	63.03 4.99 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.34 3.29 -0.01	41.77 2.59 -0.01
GOWANUS_GT1_3 24079	40.64 2.87 0.02	36.10 2.42 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.67 2.07 0.00	31.30 2.13 0.00	31.15 2.36 0.00	32.76 2.45 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.66 2.89 0.00	40.83 3.41 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.43 5.16 0.00	63.03 4.99 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.34 3.29 -0.01	41.77 2.59 -0.01
GOWANUS_GT1_4 24080	40.64 2.87 0.02	36.10 2.42 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.67 2.07 0.00	31.30 2.13 0.00	31.15 2.36 0.00	32.76 2.45 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.66 2.89 0.00	40.83 3.41 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.43 5.16 0.00	63.03 4.99 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.34 3.29 -0.01	41.77 2.59 -0.01
GOWANUS_GT1_5 24084	40.64 2.87 0.02	36.10 2.42 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.67 2.07 0.00	31.30 2.13 0.00	31.15 2.36 0.00	32.76 2.45 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.66 2.89 0.00	40.83 3.41 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.43 5.16 0.00	63.03 4.99 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.34 3.29 -0.01	41.77 2.59 -0.01
GOWANUS_GT1_6 24111	40.64 2.87 0.02	36.10 2.42 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.67 2.07 0.00	31.30 2.13 0.00	31.15 2.36 0.00	32.76 2.45 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.66 2.89 0.00	40.83 3.41 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.43 5.16 0.00	63.03 4.99 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.34 3.29 -0.01	41.77 2.59 -0.01
GOWANUS_GT1_7 24112	40.64 2.87 0.02	36.10 2.42 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.67 2.07 0.00	31.30 2.13 0.00	31.15 2.36 0.00	32.76 2.45 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.66 2.89 0.00	40.83 3.41 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.43 5.16 0.00	63.03 4.99 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.34 3.29 -0.01	41.77 2.59 -0.01
GOWANUS_GT1_8 24113	40.64 2.87 0.02	36.10 2.42 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.67 2.07 0.00	31.30 2.13 0.00	31.15 2.36 0.00	32.76 2.45 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.66 2.89 0.00	40.83 3.41 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.43 5.16 0.00	63.03 4.99 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.34 3.29 -0.01	41.77 2.59 -0.01
GOWANUS_GT2_1 24114	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.63 2.11 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.08 5.05 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
GOWANUS_GT2_2 24115	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.63 2.11 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.08 5.05 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
GOWANUS_GT2_3 24116	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.63 2.11 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.08 5.05 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
GOWANUS_GT2_4 24117	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.63 2.11 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.08 5.05 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01

GOWANUS_GT2_5 24118	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.63 2.11 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.08 5.05 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
GOWANUS_GT2_6 24119	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.63 2.11 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.08 5.05 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
GOWANUS_GT2_7 24120	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.63 2.11 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.08 5.05 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
GOWANUS_GT2_8 24121	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.63 2.11 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.08 5.05 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
GOWANUS_GT3_1 24122	40.64 2.87 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.63 2.11 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.66 2.07 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.76 2.45 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.66 2.88 0.00	40.90 3.48 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.38 5.10 0.00	63.08 5.05 0.00	61.34 4.23 0.00	54.56 3.52 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
GOWANUS_GT3_2 24123	40.64 2.87 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.63 2.11 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.66 2.07 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.76 2.45 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.66 2.88 0.00	40.90 3.48 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.38 5.10 0.00	63.08 5.05 0.00	61.34 4.23 0.00	54.56 3.52 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
GOWANUS_GT3_3 24124	40.64 2.87 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.63 2.11 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.66 2.07 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.76 2.45 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.66 2.88 0.00	40.90 3.48 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.38 5.10 0.00	63.08 5.05 0.00	61.34 4.23 0.00	54.56 3.52 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
GOWANUS_GT3_4 24125	40.64 2.87 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.63 2.11 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.66 2.07 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.76 2.45 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.66 2.88 0.00	40.90 3.48 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.38 5.10 0.00	63.08 5.05 0.00	61.34 4.23 0.00	54.56 3.52 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
GOWANUS_GT3_5 24126	40.64 2.87 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.63 2.11 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.66 2.07 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.76 2.45 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.66 2.88 0.00	40.90 3.48 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.38 5.10 0.00	63.08 5.05 0.00	61.34 4.23 0.00	54.56 3.52 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
GOWANUS_GT3_6 24127	40.64 2.87 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.63 2.11 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.66 2.07 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.76 2.45 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.66 2.88 0.00	40.90 3.48 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.38 5.10 0.00	63.08 5.05 0.00	61.34 4.23 0.00	54.56 3.52 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
GOWANUS_GT3_7 24128	40.64 2.87 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.63 2.11 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.66 2.07 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.76 2.45 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.66 2.88 0.00	40.90 3.48 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.38 5.10 0.00	63.08 5.05 0.00	61.34 4.23 0.00	54.56 3.52 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
GOWANUS_GT3_8 24129	40.64 2.87 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.63 2.11 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.66 2.07 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.76 2.45 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.66 2.88 0.00	40.90 3.48 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.38 5.10 0.00	63.08 5.05 0.00	61.34 4.23 0.00	54.56 3.52 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
GOWANUS_GT4_1 24130	40.68 2.91 0.02	36.10 2.42 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.69 2.10 0.00	31.30 2.13 0.00	31.15 2.36 0.00	32.79 2.48 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.66 2.89 0.00	40.86 3.44 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.43 5.16 0.00	63.03 4.99 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.34 3.29 -0.01	41.77 2.59 -0.01
GOWANUS_GT4_2 24131	40.68 2.91 0.02	36.10 2.42 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.69 2.10 0.00	31.30 2.13 0.00	31.15 2.36 0.00	32.79 2.48 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.66 2.89 0.00	40.86 3.44 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.43 5.16 0.00	63.03 4.99 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.34 3.29 -0.01	41.77 2.59 -0.01
GOWANUS_GT4_3 24132	40.68 2.91 0.02	36.10 2.42 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.69 2.10 0.00	31.30 2.13 0.00	31.15 2.36 0.00	32.79 2.48 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.66 2.89 0.00	40.86 3.44 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.43 5.16 0.00	63.03 4.99 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.34 3.29 -0.01	41.77 2.59 -0.01

GOWANUS_GT4_4 24133	40.68 2.91 0.02	36.10 2.42 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.69 2.10 0.00	31.30 2.13 0.00	31.15 2.36 0.00	32.79 2.48 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.66 2.89 0.00	40.86 3.44 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.43 5.16 0.00	63.03 4.99 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.34 3.29 -0.01	41.77 2.59 -0.01
GOWANUS_GT4_5 24134	40.68 2.91 0.02	36.10 2.42 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.69 2.10 0.00	31.30 2.13 0.00	31.15 2.36 0.00	32.79 2.48 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.66 2.89 0.00	40.86 3.44 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.43 5.16 0.00	63.03 4.99 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.34 3.29 -0.01	41.77 2.59 -0.01
GOWANUS_GT4_6 24135	40.68 2.91 0.02	36.10 2.42 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.69 2.10 0.00	31.30 2.13 0.00	31.15 2.36 0.00	32.79 2.48 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.66 2.89 0.00	40.86 3.44 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.43 5.16 0.00	63.03 4.99 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.34 3.29 -0.01	41.77 2.59 -0.01
GOWANUS_GT4_7 24136	40.68 2.91 0.02	36.10 2.42 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.69 2.10 0.00	31.30 2.13 0.00	31.15 2.36 0.00	32.79 2.48 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.66 2.89 0.00	40.86 3.44 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.43 5.16 0.00	63.03 4.99 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.34 3.29 -0.01	41.77 2.59 -0.01
GOWANUS_GT4_8 24137	40.68 2.91 0.02	36.10 2.42 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.69 2.10 0.00	31.30 2.13 0.00	31.15 2.36 0.00	32.79 2.48 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.66 2.89 0.00	40.86 3.44 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.43 5.16 0.00	63.03 4.99 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.34 3.29 -0.01	41.77 2.59 -0.01
GREENBSH_115KV_TB3 55895	38.70 0.91 0.00	34.45 0.77 0.00	32.98 0.93 0.00	31.39 0.86 0.00	31.04 0.87 0.00	31.44 0.86 0.00	29.93 0.87 0.00	28.75 0.59 0.00	30.10 0.50 0.00	29.63 0.47 0.00	29.25 0.46 0.00	30.82 0.52 0.00	30.73 0.45 0.00	32.62 0.42 0.00	35.29 0.52 0.00	38.13 0.71 0.00	40.31 0.60 0.00	46.05 0.68 0.00	54.87 0.60 0.00	58.85 0.81 0.00	57.85 0.74 0.00	51.60 0.56 0.00	45.58 0.54 0.00	39.57 0.39 0.00
GREENDGE_115KV_TB5 80291	48.47 -1.44 -12.11	43.32 -1.28 -10.93	41.50 -1.28 -10.73	34.49 -1.22 -5.17	34.58 -1.21 -5.62	30.51 -1.19 -1.12	29.95 -1.31 -2.19	31.30 -1.13 -4.27	35.42 -1.15 -6.98	29.40 -1.22 -1.46	29.18 -1.35 -1.74	34.22 -1.42 -5.34	32.73 -1.36 -3.82	41.78 -1.32 -10.90	44.83 -1.53 -11.59	47.90 -1.83 -12.32	50.54 -1.83 -12.65	48.99 -1.77 -5.39	58.82 -2.39 -6.93	59.07 -2.32 -3.36	57.07 -1.54 -1.50	50.47 -1.28 -0.70	44.34 -1.13 -0.42	38.24 -0.94 0.00
GREENIDGE___3 23582	48.47 -1.44 -12.11	43.32 -1.28 -10.93	41.50 -1.28 -10.73	34.49 -1.22 -5.17	34.58 -1.21 -5.62	30.51 -1.19 -1.12	29.95 -1.31 -2.19	31.30 -1.13 -4.27	35.42 -1.15 -6.98	29.40 -1.22 -1.46	29.18 -1.35 -1.74	34.22 -1.42 -5.34	32.73 -1.36 -3.82	41.78 -1.32 -10.90	44.83 -1.53 -11.59	47.90 -1.83 -12.32	50.54 -1.83 -12.65	48.99 -1.77 -5.39	58.82 -2.39 -6.93	59.07 -2.32 -3.36	57.07 -1.54 -1.50	50.47 -1.28 -0.70	44.34 -1.13 -0.42	38.24 -0.94 0.00
GREENIDGE___4 23583	48.47 -1.44 -12.11	43.32 -1.28 -10.93	41.50 -1.28 -10.73	34.49 -1.22 -5.17	34.58 -1.21 -5.62	30.51 -1.19 -1.12	29.95 -1.31 -2.19	31.30 -1.13 -4.27	35.42 -1.15 -6.98	29.40 -1.22 -1.46	29.18 -1.35 -1.74	34.22 -1.42 -5.34	32.73 -1.36 -3.82	41.78 -1.32 -10.90	44.83 -1.53 -11.59	47.94 -1.80 -12.32	50.62 -1.75 -12.65	48.99 -1.77 -5.39	58.66 -2.55 -6.93	58.90 -2.49 -3.36	57.18 -1.43 -1.50	50.62 -1.12 -0.70	44.34 -1.12 -0.42	38.20 -0.98 0.00
GREENLWN_69_KV_BK 3 55738	40.79 3.02 0.03	36.16 2.49 0.00	34.26 2.21 0.01	32.41 1.89 0.02	31.88 1.72 0.00	32.01 1.44 0.01	31.03 1.98 0.01	30.16 2.00 0.00	31.87 2.28 0.00	31.64 2.48 0.00	35.73 2.65 -4.29	40.63 2.73 -7.60	42.70 2.79 -9.64	45.96 2.90 -10.86	46.81 3.16 -8.87	48.83 3.52 -7.89	50.63 3.97 -6.94	55.82 4.40 -6.05	60.68 5.10 -1.30	63.85 4.76 -1.06	61.33 4.23 0.01	54.56 3.52 0.00	47.83 2.79 0.00	41.80 2.62 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.68 2.91 0.02	36.10 2.42 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.69 2.10 0.00	31.30 2.13 0.00	31.15 2.36 0.00	32.79 2.48 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.89 0.00	40.86 3.44 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.43 5.16 0.00	63.08 5.05 0.00	61.39 4.28 0.00	54.61 3.57 0.00	48.34 3.29 -0.01	41.77 2.59 -0.01
GRISSOM___SOLAR 323813	39.65 1.89 0.03	35.39 1.72 0.00	33.65 1.60 0.01	31.98 1.47 0.02	31.64 1.48 0.00	31.98 1.41 0.01	30.25 1.19 0.01	29.01 0.84 0.00	30.07 0.47 0.00	29.40 0.23 0.00	28.85 0.06 0.00	30.34 0.03 0.00	30.13 -0.15 0.00	31.91 -0.29 0.00	34.53 -0.24 0.00	37.31 -0.11 0.00	39.76 0.04 0.00	45.87 0.50 0.00	55.85 1.58 0.00	60.88 2.84 0.00	60.31 3.20 0.00	53.79 2.75 0.00	47.38 2.34 0.00	41.06 1.88 0.00
GROVEVILLE___HYD 323602	40.22 2.46 0.03	35.73 2.05 0.00	34.03 1.99 0.01	32.32 1.80 0.02	31.91 1.75 0.00	32.22 1.65 0.01	30.86 1.80 0.01	29.85 1.69 0.00	31.43 1.83 0.00	30.92 1.75 0.00	30.66 1.87 0.00	32.24 1.94 0.00	32.27 2.00 0.00	34.33 2.13 0.00	37.10 2.33 0.00	40.26 2.84 0.00	43.05 3.34 0.00	49.27 3.90 0.00	58.67 4.40 0.00	62.45 4.41 0.00	60.99 3.88 0.00	54.26 3.22 0.00	47.83 2.79 0.00	41.33 2.15 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.26 -0.53 0.00	33.23 -0.44 0.00	31.60 -0.45 0.00	30.11 -0.43 0.00	30.12 -0.42 -0.37	30.19 -0.40 0.00	28.57 -0.49 0.00	27.74 -0.42 0.00	29.21 -0.38 0.00	28.79 -0.38 0.00	28.36 -0.43 0.00	29.82 -0.48 0.00	29.82 -0.45 0.00	31.78 -0.42 0.00	34.29 -0.49 0.00	36.71 -0.71 0.00	38.88 -0.83 0.00	44.51 -0.86 0.00	53.35 -0.92 0.00	57.16 -0.87 0.00	56.47 -0.69 -0.05	50.38 -0.66 0.00	44.41 -0.63 0.00	38.67 -0.51 0.00
HAMLTNNY_34_KV_TB 80303	37.19 -0.60 0.00	33.17 -0.51 0.00	31.51 -0.54 0.00	30.02 -0.52 0.00	30.02 -0.51 -0.36	30.10 -0.49 0.00	28.48 -0.58 0.00	27.66 -0.51 0.00	29.12 -0.47 0.00	28.70 -0.47 0.00	28.27 -0.52 0.00	29.76 -0.55 0.00	29.73 -0.54 0.00	31.72 -0.48 0.00	34.18 -0.59 0.00	36.56 -0.86 0.00	38.76 -0.95 0.00	44.37 -1.00 0.00	53.19 -1.09 0.00	57.05 -0.99 0.00	56.42 -0.74 -0.05	50.33 -0.71 0.00	44.37 -0.68 0.00	38.63 -0.55 0.00

HAMPSHIRE___PAPER_HYD 323593	36.93 -0.87 0.00	32.93 -0.74 0.00	31.35 -0.71 0.00	29.89 -0.64 0.00	29.53 -0.63 0.00	30.07 -0.52 0.00	28.39 -0.67 0.00	27.43 -0.73 0.00	28.71 -0.89 0.00	28.20 -0.96 0.00	27.73 -1.06 0.00	29.15 -1.15 0.00	29.09 -1.18 0.00	31.01 -1.19 0.00	33.42 -1.36 0.00	35.96 -1.46 0.00	38.37 -1.35 0.00	43.78 -1.59 0.00	52.97 -1.30 0.00	56.70 -1.33 0.00	55.97 -1.14 0.00	50.43 -0.61 0.00	44.45 -0.59 0.00	38.86 -0.31 0.00
HARDSCRABBLE_WT_PWR 323673	37.30 -0.49 0.00	33.23 -0.44 0.00	31.64 -0.42 0.00	30.11 -0.43 0.00	29.77 -0.39 0.00	30.25 -0.34 0.00	28.71 -0.35 0.00	27.83 -0.34 0.00	29.21 -0.39 0.00	28.79 -0.38 0.00	28.39 -0.40 0.00	29.88 -0.42 0.00	29.85 -0.42 0.00	31.75 -0.45 0.00	34.29 -0.49 0.00	36.93 -0.49 0.00	39.20 -0.52 0.00	44.73 -0.64 0.00	53.68 -0.60 0.00	57.51 -0.52 0.00	56.65 -0.46 0.00	50.74 -0.30 0.00	44.91 -0.13 0.00	39.10 -0.08 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.88 2.12 0.03	35.46 1.78 0.00	33.74 1.70 0.01	32.04 1.53 0.02	31.64 1.48 0.00	31.95 1.38 0.02	30.59 1.54 0.01	29.65 1.49 0.00	31.22 1.63 0.00	30.77 1.60 0.00	30.52 1.73 0.00	32.09 1.79 0.00	32.15 1.88 0.00	34.17 1.96 0.00	36.93 2.16 0.00	40.04 2.62 0.00	42.78 3.06 0.00	48.86 3.49 0.00	58.35 4.07 0.00	62.10 4.06 0.00	60.65 3.54 0.00	53.90 2.86 0.00	47.52 2.48 0.00	41.10 1.92 0.00
HARSNRAD_115KV_TB1 81005	25.39 -4.88 7.53	23.59 -4.31 5.77	21.83 -4.20 6.02	22.99 -4.06 3.49	23.82 -4.28 2.06	25.01 -4.43 1.14	23.33 -4.30 1.43	22.42 -3.44 2.30	22.45 -3.37 3.77	25.08 -3.30 0.79	24.51 -3.34 0.94	23.88 -3.55 2.88	24.70 -3.51 2.06	22.65 -3.67 5.88	24.38 -4.14 6.26	26.13 -4.79 6.50	27.62 -4.81 7.30	35.27 -5.58 4.52	40.93 -6.84 6.50	45.29 -7.49 5.25	46.41 -7.08 3.62	41.85 -6.43 2.76	37.91 -5.49 1.63	34.71 -4.47 0.00
HARZA MOOSE___RIVER 24016	37.42 -0.38 0.00	33.37 -0.30 0.00	31.77 -0.29 0.00	30.26 -0.27 0.00	29.89 -0.27 0.00	30.46 -0.12 0.00	28.83 -0.23 0.00	27.91 -0.25 0.00	29.18 -0.41 0.00	28.67 -0.50 0.00	28.19 -0.60 0.00	29.67 -0.64 0.00	29.58 -0.70 0.00	31.53 -0.68 0.00	33.97 -0.80 0.00	36.49 -0.94 0.00	38.88 -0.83 0.00	44.46 -0.91 0.00	53.79 -0.49 0.00	57.57 -0.46 0.00	56.83 -0.29 0.00	51.09 0.05 0.00	45.00 -0.05 0.00	39.18 0.00 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	37.00 -0.79 0.00	33.00 -0.67 0.00	31.38 -0.67 0.00	29.90 -0.64 0.00	29.50 -0.66 0.00	29.94 -0.64 0.00	28.39 -0.67 0.00	27.57 -0.59 0.00	29.03 -0.56 0.00	28.61 -0.55 0.00	28.19 -0.60 0.00	29.67 -0.64 0.00	29.67 -0.61 0.00	31.62 -0.58 0.00	34.08 -0.70 0.00	36.49 -0.94 0.00	38.47 -1.03 0.22	43.65 -1.13 0.59	51.98 -1.30 0.99	55.55 -1.28 1.21	54.99 -1.09 1.04	49.14 -1.07 0.83	43.56 -0.99 0.49	38.35 -0.82 0.00
HELLGATE_13_KV_LD 55870	40.64 2.87 0.02	36.10 2.42 -0.01	34.33 2.28 0.00	32.63 2.11 0.01	32.19 2.02 0.00	32.44 1.87 0.01	31.12 2.06 0.01	30.25 2.08 0.00	31.93 2.34 0.00	31.53 2.36 0.00	31.35 2.56 0.00	33.00 2.70 0.00	33.06 2.79 0.00	35.07 2.87 0.00	37.83 3.06 0.00	41.01 3.59 0.00	44.37 4.09 -0.56	50.09 4.72 0.00	59.54 5.26 0.00	63.20 5.17 0.00	61.57 4.45 0.00	54.66 3.62 0.00	48.28 3.24 0.00	41.76 2.59 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.64 2.87 0.02	36.10 2.42 -0.01	34.33 2.28 0.00	32.63 2.11 0.01	32.19 2.02 0.00	32.44 1.87 0.01	31.12 2.06 0.01	30.25 2.08 0.00	31.93 2.34 0.00	31.53 2.36 0.00	31.35 2.56 0.00	33.00 2.70 0.00	33.06 2.79 0.00	35.07 2.87 0.00	37.83 3.06 0.00	41.01 3.59 0.00	44.37 4.09 -0.56	50.09 4.72 0.00	59.54 5.26 0.00	63.20 5.17 0.00	61.57 4.45 0.00	54.66 3.62 0.00	48.28 3.24 0.00	41.76 2.59 0.00
HEMPSTEAD____ 23647	40.60 2.84 0.03	35.99 2.32 0.00	34.13 2.08 0.01	32.35 1.83 0.02	31.82 1.66 0.00	32.01 1.44 0.01	30.94 1.89 0.01	30.10 1.94 0.00	31.73 2.13 0.00	31.47 2.30 0.00	35.59 2.50 -4.29	40.51 2.61 -7.60	42.61 2.69 -9.64	49.91 2.80 -14.90	55.95 3.02 -18.16	57.12 3.56 -16.14	59.70 4.01 -15.97	61.57 4.49 -11.71	65.08 5.16 -5.64	67.78 5.16 -4.59	61.58 4.46 -0.01	54.77 3.72 -0.01	47.70 2.66 0.00	41.49 2.31 0.00
HICKLING___1 23621	40.81 -1.13 -4.15	36.71 -0.94 -3.98	34.92 -0.96 -3.83	31.33 -0.92 -1.71	30.77 -0.94 -1.54	29.91 -0.95 -0.27	28.75 -1.05 -0.74	28.84 -0.87 -1.55	31.28 -0.86 -2.54	28.79 -0.90 -0.53	28.42 -1.01 -0.63	31.19 -1.06 -1.94	30.67 -1.00 -1.39	35.27 -0.90 -3.97	37.92 -1.08 -4.22	40.60 -1.31 -4.49	43.01 -1.19 -4.49	45.80 -1.22 -1.66	54.92 -1.36 -2.00	57.50 -1.10 -0.57	56.37 -0.69 0.06	50.02 -0.82 0.20	43.93 -0.99 0.12	38.39 -0.78 0.00
HICKLING___2 23622	40.81 -1.13 -4.15	36.71 -0.94 -3.98	34.92 -0.96 -3.83	31.33 -0.92 -1.71	30.77 -0.94 -1.54	29.91 -0.95 -0.27	28.75 -1.05 -0.74	28.84 -0.87 -1.55	31.28 -0.86 -2.54	28.79 -0.90 -0.53	28.42 -1.01 -0.63	31.19 -1.06 -1.94	30.67 -1.00 -1.39	35.27 -0.90 -3.97	37.92 -1.08 -4.22	40.60 -1.31 -4.49	43.01 -1.19 -4.49	45.80 -1.22 -1.66	54.92 -1.36 -2.00	57.50 -1.10 -0.57	56.37 -0.69 0.06	50.02 -0.82 0.20	43.93 -0.99 0.12	38.39 -0.78 0.00
HIGH FALLS___HY 23754	40.52 2.76 0.03	35.96 2.29 0.00	34.19 2.15 0.01	32.47 1.95 0.02	32.03 1.87 0.00	32.34 1.77 0.01	31.00 1.95 0.01	30.02 1.86 0.00	31.58 1.98 0.00	31.06 1.90 0.00	30.78 1.99 0.00	32.40 2.09 0.00	32.46 2.18 0.00	34.55 2.35 0.00	37.35 2.57 0.00	40.60 3.18 0.00	43.49 3.77 0.00	49.86 4.49 0.00	59.11 4.83 0.00	62.79 4.76 0.00	61.34 4.23 0.00	54.51 3.47 0.00	47.97 2.93 0.00	41.45 2.27 0.00
HIGH_RIVER___SOLAR 323847	39.27 1.47 0.00	34.98 1.31 0.00	33.30 1.25 0.00	31.67 1.13 0.00	31.31 1.15 0.00	31.68 1.10 0.00	30.05 0.99 0.00	28.95 0.79 0.00	30.13 0.53 0.00	29.57 0.41 0.00	29.08 0.29 0.00	30.55 0.24 0.00	30.37 0.09 0.00	32.20 0.00 0.00	34.84 0.07 0.00	37.65 0.23 0.00	40.11 0.40 0.00	46.19 0.82 0.00	55.79 1.52 0.00	60.24 2.20 0.00	59.40 2.29 0.00	53.03 1.99 0.00	46.75 1.71 0.00	40.51 1.33 0.00
HILLBURN___GT 23639	39.88 2.12 0.03	35.42 1.75 0.00	33.71 1.67 0.01	32.04 1.53 0.02	31.64 1.48 0.00	31.91 1.34 0.02	30.62 1.57 0.01	29.74 1.58 0.00	31.31 1.72 0.00	30.89 1.72 0.00	30.66 1.87 0.00	32.27 1.97 0.00	32.30 2.03 0.00	34.36 2.16 0.00	37.10 2.33 0.00	40.26 2.84 0.00	42.93 3.22 0.00	48.95 3.58 0.00	58.35 4.07 0.00	62.10 4.06 0.00	60.60 3.48 0.00	53.85 2.81 0.00	47.43 2.39 0.00	40.98 1.80 0.00
HILLSIDE_115KV_TB1 80332	40.37 -1.21 -3.78	36.26 -1.04 -3.63	34.52 -1.03 -3.49	31.12 -0.98 -1.56	30.56 -1.03 -1.42	29.79 -1.04 -0.25	28.66 -1.08 -0.67	28.68 -0.90 -1.42	31.00 -0.92 -2.32	28.72 -0.93 -0.48	28.36 -1.01 -0.58	31.02 -1.06 -1.77	30.55 -1.00 -1.27	34.89 -0.93 -3.62	37.55 -1.08 -3.85	40.24 -1.27 -4.09	42.62 -1.19 -4.09	45.56 -1.32 -1.50	54.62 -1.47 -1.81	57.14 -1.39 -0.49	55.90 -1.14 0.07	49.67 -1.17 0.20	43.62 -1.31 0.12	38.12 -1.06 0.00

HISHELDN_WT_PWR 323625	12.46 -4.16 21.17	12.04 -3.67 17.96	10.46 -3.56 18.04	17.80 -3.39 9.35	22.85 -3.47 3.85	24.61 -3.49 2.49	21.73 -3.43 3.90	18.19 -2.96 7.02	15.13 -2.99 11.48	23.80 -2.98 2.39	22.85 -3.08 2.87	18.28 -3.24 8.78	20.81 -3.18 6.28	10.99 -3.29 17.92	12.02 -3.69 19.06	13.14 -4.04 20.23	14.00 -4.09 21.62	29.81 -4.54 11.02	33.79 -5.37 15.12	42.34 -5.51 10.18	46.58 -4.74 5.80	42.11 -4.54 4.38	38.29 -4.14 2.61	35.69 -3.49 0.00
HOLTSVILLE_IC_1 23690	40.94 3.18 0.03	36.40 2.73 0.00	34.42 2.37 0.01	32.53 2.02 0.02	32.00 1.84 0.00	32.10 1.53 0.01	31.15 2.09 0.01	30.33 2.17 0.00	31.96 2.37 0.00	31.76 2.59 0.00	35.79 2.71 -4.29	40.66 2.76 -7.60	42.64 2.73 -9.64	45.65 2.80 -10.65	46.19 3.02 -8.39	48.47 3.59 -7.46	50.28 4.09 -6.47	55.66 4.54 -5.76	60.57 5.21 -1.08	64.02 5.11 -0.87	61.22 4.11 0.00	54.61 3.57 0.01	47.56 2.52 0.00	41.65 2.47 0.00
HOLTSVILLE_IC_10 23699	41.13 3.36 0.03	36.57 2.90 0.00	34.58 2.53 0.01	32.69 2.17 0.02	32.12 1.96 0.00	32.22 1.65 0.01	31.29 2.24 0.01	30.44 2.28 0.00	32.11 2.51 0.00	31.94 2.77 0.00	35.93 2.85 -4.29	40.81 2.91 -7.60	42.82 2.91 -9.64	45.93 3.00 -10.73	46.58 3.23 -8.57	48.93 3.89 -7.62	50.78 4.41 -6.65	56.14 4.90 -5.87	61.08 5.64 -1.16	64.43 5.45 -0.94	61.56 4.46 0.00	54.97 3.93 0.00	47.83 2.79 0.00	41.84 2.67 0.00
HOLTSVILLE_IC_2 23691	40.94 3.18 0.03	36.40 2.73 0.00	34.42 2.37 0.01	32.53 2.02 0.02	32.00 1.84 0.00	32.10 1.53 0.01	31.15 2.09 0.01	30.33 2.17 0.00	31.96 2.37 0.00	31.76 2.59 0.00	35.79 2.71 -4.29	40.66 2.76 -7.60	42.64 2.73 -9.64	45.65 2.80 -10.65	46.19 3.02 -8.39	48.47 3.59 -7.46	50.28 4.09 -6.47	55.66 4.54 -5.76	60.57 5.21 -1.08	64.02 5.11 -0.87	61.22 4.11 0.00	54.61 3.57 0.01	47.56 2.52 0.00	41.65 2.47 0.00
HOLTSVILLE_IC_3 23692	40.94 3.18 0.03	36.40 2.73 0.00	34.42 2.37 0.01	32.53 2.02 0.02	32.00 1.84 0.00	32.10 1.53 0.01	31.15 2.09 0.01	30.33 2.17 0.00	31.96 2.37 0.00	31.76 2.59 0.00	35.79 2.71 -4.29	40.66 2.76 -7.60	42.64 2.73 -9.64	45.65 2.80 -10.65	46.19 3.02 -8.39	48.47 3.59 -7.46	50.28 4.09 -6.47	55.66 4.54 -5.76	60.57 5.21 -1.08	64.02 5.11 -0.87	61.22 4.11 0.00	54.61 3.57 0.01	47.56 2.52 0.00	41.65 2.47 0.00
HOLTSVILLE_IC_4 23693	40.94 3.18 0.03	36.40 2.73 0.00	34.42 2.37 0.01	32.53 2.02 0.02	32.00 1.84 0.00	32.10 1.53 0.01	31.15 2.09 0.01	30.33 2.17 0.00	31.96 2.37 0.00	31.76 2.59 0.00	35.79 2.71 -4.29	40.66 2.76 -7.60	42.64 2.73 -9.64	45.65 2.80 -10.65	46.19 3.02 -8.39	48.47 3.59 -7.46	50.28 4.09 -6.47	55.66 4.54 -5.76	60.57 5.21 -1.08	64.02 5.11 -0.87	61.22 4.11 0.00	54.61 3.57 0.01	47.56 2.52 0.00	41.65 2.47 0.00
HOLTSVILLE_IC_5 23694	40.94 3.18 0.03	36.40 2.73 0.00	34.42 2.37 0.01	32.53 2.02 0.02	32.00 1.84 0.00	32.10 1.53 0.01	31.15 2.09 0.01	30.33 2.17 0.00	31.96 2.37 0.00	31.76 2.59 0.00	35.79 2.71 -4.29	40.66 2.76 -7.60	42.64 2.73 -9.64	45.65 2.80 -10.65	46.19 3.02 -8.39	48.47 3.59 -7.46	50.28 4.09 -6.47	55.66 4.54 -5.76	60.57 5.21 -1.08	64.02 5.11 -0.87	61.22 4.11 0.00	54.61 3.57 0.01	47.56 2.52 0.00	41.65 2.47 0.00
HOLTSVILLE_IC_6 23695	41.13 3.36 0.03	36.57 2.90 0.00	34.58 2.53 0.01	32.69 2.17 0.02	32.12 1.96 0.00	32.22 1.65 0.01	31.29 2.24 0.01	30.44 2.28 0.00	32.11 2.51 0.00	31.94 2.77 0.00	35.93 2.85 -4.29	40.81 2.91 -7.60	42.82 2.91 -9.64	45.93 3.00 -10.73	46.58 3.23 -8.57	48.93 3.89 -7.62	50.78 4.41 -6.65	56.14 4.90 -5.87	61.08 5.64 -1.16	64.43 5.45 -0.94	61.56 4.46 0.00	54.97 3.93 0.00	47.83 2.79 0.00	41.84 2.67 0.00
HOLTSVILLE_IC_7 23696	41.13 3.36 0.03	36.57 2.90 0.00	34.58 2.53 0.01	32.69 2.17 0.02	32.12 1.96 0.00	32.22 1.65 0.01	31.29 2.24 0.01	30.44 2.28 0.00	32.11 2.51 0.00	31.94 2.77 0.00	35.93 2.85 -4.29	40.81 2.91 -7.60	42.82 2.91 -9.64	45.93 3.00 -10.73	46.58 3.23 -8.57	48.93 3.89 -7.62	50.78 4.41 -6.65	56.14 4.90 -5.87	61.08 5.64 -1.16	64.43 5.45 -0.94	61.56 4.46 0.00	54.97 3.93 0.00	47.83 2.79 0.00	41.84 2.67 0.00
HOLTSVILLE_IC_8 23697	41.13 3.36 0.03	36.57 2.90 0.00	34.58 2.53 0.01	32.69 2.17 0.02	32.12 1.96 0.00	32.22 1.65 0.01	31.29 2.24 0.01	30.44 2.28 0.00	32.11 2.51 0.00	31.94 2.77 0.00	35.93 2.85 -4.29	40.81 2.91 -7.60	42.82 2.91 -9.64	45.93 3.00 -10.73	46.58 3.23 -8.57	48.93 3.89 -7.62	50.78 4.41 -6.65	56.14 4.90 -5.87	61.08 5.64 -1.16	64.43 5.45 -0.94	61.56 4.46 0.00	54.97 3.93 0.00	47.83 2.79 0.00	41.84 2.67 0.00
HOLTSVILLE_IC_9 23698	41.13 3.36 0.03	36.57 2.90 0.00	34.58 2.53 0.01	32.69 2.17 0.02	32.12 1.96 0.00	32.22 1.65 0.01	31.29 2.24 0.01	30.44 2.28 0.00	32.11 2.51 0.00	31.94 2.77 0.00	35.93 2.85 -4.29	40.81 2.91 -7.60	42.82 2.91 -9.64	45.93 3.00 -10.73	46.58 3.23 -8.57	48.93 3.89 -7.62	50.78 4.41 -6.65	56.14 4.90 -5.87	61.08 5.64 -1.16	64.43 5.45 -0.94	61.56 4.46 0.00	54.97 3.93 0.00	47.83 2.79 0.00	41.84 2.67 0.00
HOMER_HL_115KV_TB2 355744	26.88 -2.57 8.34	24.93 -2.26 6.49	23.11 -2.21 6.73	24.59 -2.11 3.84	25.91 -2.35 1.90	27.04 -2.29 1.25	25.31 -2.18 1.57	23.87 -1.75 2.55	23.80 -1.63 4.17	26.69 -1.60 0.87	26.08 -1.67 1.04	25.42 -1.70 3.19	26.36 -1.63 2.28	24.05 -1.64 6.51	26.04 -1.81 6.92	27.90 -2.21 7.31	29.61 -2.03 8.08	38.38 -2.31 4.67	44.80 -2.82 6.65	49.86 -3.02 5.16	50.60 -3.08 3.43	45.15 -3.27 2.63	39.43 -4.05 1.56	35.77 -3.41 0.00
HOWARD_WT_PWR 323690	64.19 -3.63 -30.02	57.46 -3.20 -26.99	55.51 -3.08 -26.54	40.48 -2.90 -12.85	33.37 -2.87 -6.07	30.59 -2.81 -2.82	31.66 -2.85 -5.44	36.07 -2.62 -10.53	44.04 -2.78 -17.23	29.84 -2.92 -3.59	30.04 -3.05 -4.30	40.32 -3.15 -13.17	36.74 -2.97 -9.43	56.17 -2.93 -26.89	60.04 -3.34 -28.60	64.20 -3.63 -30.41	67.78 -3.54 -31.60	56.06 -3.59 -14.28	69.21 -3.85 -18.78	65.06 -3.31 -10.33	59.45 -2.11 -4.45	52.12 -2.04 -3.12	44.79 -2.12 -1.87	37.26 -1.92 0.00
HQ_GEN_CEDARS 23644	37.60 -0.19 0.00	33.50 -0.17 0.00	31.89 -0.16 0.00	30.45 -0.09 0.00	30.08 -0.09 0.00	30.52 -0.06 0.00	28.89 -0.17 0.00	27.94 -0.23 0.00	29.39 -0.21 0.00	28.96 -0.20 0.00	28.56 -0.23 0.00	30.06 -0.24 0.00	30.03 -0.24 0.00	31.98 -0.23 0.00	34.53 -0.24 0.00	37.23 -0.19 0.00	39.64 -0.08 0.00	45.10 -0.27 0.00	54.06 -0.22 0.00	57.86 -0.17 0.00	56.94 -0.17 0.00	51.19 0.15 0.00	45.18 0.14 0.00	39.61 0.43 0.00
HQ_GEN_CEDARS_PROXY 323590	37.61 -0.19 0.00	33.50 -0.17 0.00	31.89 -0.16 0.00	30.45 -0.09 0.00	30.08 -0.09 0.00	30.52 -0.06 0.00	28.89 -0.17 0.00	27.94 -0.23 0.00	29.39 -0.21 0.00	28.93 -0.23 0.00	28.56 -0.23 0.00	30.06 -0.24 0.00	30.03 -0.24 0.00	31.98 -0.22 0.00	34.53 -0.24 0.00	37.23 -0.19 0.00	40.03 -0.08 -0.40	44.70 -0.27 0.40	54.11 -0.16 0.00	57.86 -0.17 0.00	56.94 -0.17 0.00	51.19 0.15 0.00	45.18 0.14 0.00	39.57 0.39 0.00

HQ_GEN_CHPE_PROXY 323851	40.26 2.49 0.03	35.76 2.09 0.00	34.03 1.99 0.01	32.32 1.80 0.02	31.91 1.75 0.00	32.16 1.59 0.01	30.94 1.89 0.01	30.08 1.92 0.00	31.73 2.13 0.00	31.32 2.16 0.00	31.15 2.36 0.00	32.73 2.43 0.00	32.79 2.51 0.00	34.81 2.61 0.00	37.59 2.82 0.00	40.79 3.37 0.00	44.45 3.78 -0.96	49.24 4.26 0.40	59.11 4.83 0.00	62.79 4.76 0.00	61.17 4.06 0.00	54.36 3.32 0.00	47.88 2.84 0.00	41.29 2.11 0.00
HQ_GEN_IMPORT 323601	37.79 0.00 0.00	33.67 0.00 0.00	32.02 -0.03 0.00	30.54 0.00 0.00	30.17 0.00 0.00	30.59 0.00 0.00	29.03 -0.03 0.00	28.13 -0.03 0.00	29.56 -0.03 0.00	29.17 0.00 0.00	28.79 0.00 0.00	30.30 0.00 0.00	30.28 0.00 0.00	32.20 0.00 0.00	34.77 0.00 0.00	37.46 0.04 0.00	40.19 0.08 -0.40	45.02 0.05 0.40	54.33 0.05 0.00	58.09 0.06 0.00	57.17 0.06 0.00	51.25 0.20 0.00	45.22 0.18 0.00	39.41 0.24 0.00
HQ_GEN_WHEEL 23651	37.79 0.00 0.00	33.67 0.00 0.00	32.02 -0.03 0.00	30.54 0.00 0.00	30.17 0.00 0.00	30.59 0.00 0.00	29.03 -0.03 0.00	28.13 -0.03 0.00	29.56 -0.03 0.00	29.17 0.00 0.00	28.79 0.00 0.00	30.30 0.00 0.00	30.28 0.00 0.00	32.20 0.00 0.00	34.77 0.00 0.00	37.46 0.04 0.00	40.19 0.08 -0.40	45.02 0.05 0.40	54.33 0.05 0.00	58.09 0.06 0.00	57.17 0.06 0.00	51.25 0.20 0.00	45.22 0.18 0.00	39.41 0.24 0.00
HUDSON_AVE_GT_3 23810	40.33 2.57 0.03	35.83 2.15 0.00	34.06 2.02 0.01	32.38 1.86 0.02	31.94 1.78 0.00	32.22 1.65 0.01	31.00 1.95 0.01	30.16 2.00 0.00	31.81 2.22 0.00	31.41 2.25 0.00	31.21 2.42 0.00	32.82 2.52 0.00	32.88 2.60 0.00	34.94 2.74 0.00	37.69 2.92 0.00	40.83 3.41 0.00	44.21 3.93 -0.56	49.82 4.45 0.00	59.33 5.05 0.00	62.97 4.93 0.00	61.34 4.23 0.00	54.51 3.47 0.00	48.06 3.02 0.00	41.49 2.31 0.00
HUDSON_AVE_GT_4 23540	40.33 2.57 0.03	35.83 2.15 0.00	34.06 2.02 0.01	32.38 1.86 0.02	31.94 1.78 0.00	32.22 1.65 0.01	31.00 1.95 0.01	30.16 2.00 0.00	31.81 2.22 0.00	31.41 2.25 0.00	31.21 2.42 0.00	32.82 2.52 0.00	32.88 2.60 0.00	34.94 2.74 0.00	37.69 2.92 0.00	40.83 3.41 0.00	44.21 3.93 -0.56	49.82 4.45 0.00	59.33 5.05 0.00	62.97 4.93 0.00	61.34 4.23 0.00	54.51 3.47 0.00	48.06 3.02 0.00	41.49 2.31 0.00
HUDSON_AVE_GT_5 23657	40.33 2.57 0.03	35.83 2.15 0.00	34.06 2.02 0.01	32.38 1.86 0.02	31.94 1.78 0.00	32.22 1.65 0.01	31.00 1.95 0.01	30.16 2.00 0.00	31.81 2.22 0.00	31.41 2.25 0.00	31.21 2.42 0.00	32.82 2.52 0.00	32.88 2.60 0.00	34.94 2.74 0.00	37.69 2.92 0.00	40.83 3.41 0.00	44.21 3.93 -0.56	49.82 4.45 0.00	59.33 5.05 0.00	62.97 4.93 0.00	61.34 4.23 0.00	54.51 3.47 0.00	48.06 3.02 0.00	41.49 2.31 0.00
HUDSON_AVE_10 24168	40.22 2.46 0.03	35.69 2.02 0.00	33.97 1.92 0.01	32.29 1.77 0.02	31.85 1.69 0.00	32.10 1.53 0.01	30.91 1.86 0.01	30.08 1.92 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.15 2.36 0.00	32.73 2.42 0.00	32.79 2.51 0.00	34.84 2.64 0.00	37.59 2.82 0.00	40.71 3.29 0.00	44.09 3.81 -0.56	49.68 4.31 0.00	59.16 4.88 0.00	62.74 4.70 0.00	61.17 4.05 0.00	54.31 3.27 0.00	47.97 2.93 0.00	41.37 2.19 0.00
HUDSON___115KV_TB 4 355613	39.42 1.63 0.00	35.12 1.45 0.00	33.56 1.51 0.00	31.91 1.37 0.00	31.55 1.39 0.00	31.90 1.32 0.00	30.31 1.25 0.00	29.04 0.87 0.00	30.30 0.71 0.00	29.72 0.55 0.00	29.31 0.52 0.00	30.88 0.58 0.00	30.76 0.48 0.00	32.69 0.48 0.00	35.40 0.63 0.00	38.36 0.94 0.00	40.67 0.95 0.00	46.69 1.32 0.00	55.91 1.63 0.00	60.18 2.15 0.00	59.22 2.11 0.00	52.83 1.79 0.00	46.62 1.58 0.00	40.43 1.25 0.00
HUNTER MOUNT___DRP 323613	39.61 1.81 0.00	35.25 1.58 0.00	33.69 1.63 0.00	32.00 1.47 0.00	31.67 1.51 0.00	31.99 1.41 0.00	30.40 1.34 0.00	29.06 0.90 0.00	30.30 0.71 0.00	29.66 0.50 0.00	29.25 0.46 0.00	30.79 0.48 0.00	30.70 0.42 0.00	32.59 0.39 0.00	35.33 0.56 0.00	38.32 0.90 0.00	40.71 0.99 0.00	46.78 1.41 0.00	56.01 1.74 0.00	60.36 2.32 0.00	59.40 2.28 0.00	53.03 1.99 0.00	46.80 1.76 0.00	40.59 1.41 0.00
HUNTINGTON_RES_REC 323705	40.97 3.21 0.03	36.37 2.69 0.00	34.38 2.34 0.01	32.53 2.02 0.02	31.97 1.81 0.00	32.10 1.53 0.01	31.15 2.09 0.01	30.33 2.17 0.00	31.99 2.40 0.00	31.79 2.63 0.00	35.85 2.76 -4.29	40.75 2.85 -7.60	42.82 2.91 -9.64	45.96 3.03 -10.73	46.63 3.27 -8.59	48.87 3.82 -7.63	50.64 4.25 -6.67	56.01 4.76 -5.88	60.93 5.48 -1.17	64.38 5.40 -0.95	61.51 4.40 0.00	54.81 3.78 0.00	47.74 2.70 0.00	41.76 2.59 0.00
HUNTLEY___63 23557	24.74 -4.72 8.33	23.06 -4.21 6.41	21.27 -4.10 6.68	22.74 -3.94 3.85	23.97 -4.07 2.12	25.15 -4.16 1.27	23.45 -4.04 1.57	22.28 -3.35 2.53	22.18 -3.28 4.13	25.10 -3.21 0.86	24.48 -3.28 1.03	23.69 -3.45 3.16	24.59 -3.42 2.26	22.14 -3.61 6.45	23.91 -4.00 6.86	25.64 -4.57 7.22	27.15 -4.53 8.04	35.49 -5.08 4.80	41.22 -6.19 6.87	45.87 -6.73 5.43	47.08 -6.34 3.69	42.45 -5.77 2.82	38.10 -5.27 1.67	35.02 -4.15 0.00
HUNTLEY___64 23558	24.74 -4.72 8.33	23.06 -4.21 6.41	21.27 -4.10 6.68	22.74 -3.94 3.85	23.97 -4.07 2.12	25.15 -4.16 1.27	23.45 -4.04 1.57	22.28 -3.35 2.53	22.18 -3.28 4.13	25.10 -3.21 0.86	24.48 -3.28 1.03	23.69 -3.45 3.16	24.59 -3.42 2.26	22.14 -3.61 6.45	23.91 -4.00 6.86	25.64 -4.57 7.22	27.15 -4.53 8.04	35.49 -5.08 4.80	41.22 -6.19 6.87	45.87 -6.73 5.43	47.08 -6.34 3.69	42.45 -5.77 2.82	38.10 -5.27 1.67	35.02 -4.15 0.00
HUNTLEY___65 23559	24.74 -4.72 8.33	23.06 -4.21 6.41	21.27 -4.10 6.68	22.74 -3.94 3.85	23.97 -4.07 2.12	25.15 -4.16 1.27	23.45 -4.04 1.57	22.28 -3.35 2.53	22.18 -3.28 4.13	25.10 -3.21 0.86	24.48 -3.28 1.03	23.69 -3.45 3.16	24.59 -3.42 2.26	22.14 -3.61 6.45	23.91 -4.00 6.86	25.64 -4.57 7.22	27.15 -4.53 8.04	35.49 -5.08 4.80	41.22 -6.19 6.87	45.87 -6.73 5.43	47.08 -6.34 3.69	42.45 -5.77 2.82	38.10 -5.27 1.67	35.02 -4.15 0.00
HUNTLEY___66 23560	24.74 -4.72 8.33	23.06 -4.21 6.41	21.27 -4.10 6.68	22.74 -3.94 3.85	23.97 -4.07 2.12	25.15 -4.16 1.27	23.45 -4.04 1.57	22.28 -3.35 2.53	22.18 -3.28 4.13	25.10 -3.21 0.86	24.48 -3.28 1.03	23.69 -3.45 3.16	24.59 -3.42 2.26	22.14 -3.61 6.45	23.91 -4.00 6.86	25.64 -4.57 7.22	27.15 -4.53 8.04	35.49 -5.08 4.80	41.22 -6.19 6.87	45.87 -6.73 5.43	47.08 -6.34 3.69	42.45 -5.77 2.82	38.10 -5.27 1.67	35.02 -4.15 0.00
HUNTLEY___67 23561	23.55 -4.76 9.48	22.09 -4.21 7.37	20.30 -4.10 7.65	22.26 -3.91 4.36	23.90 -4.01 2.26	25.09 -4.07 1.43	23.33 -3.95 1.78	21.96 -3.32 2.88	21.63 -3.26 4.71	25.00 -3.18 0.98	24.39 -3.22 1.17	23.28 -3.42 3.60	24.34 -3.36 2.58	21.31 -3.54 7.35	22.99 -3.96 7.82	24.55 -4.57 8.31	25.98 -4.57 9.17	35.02 -5.17 5.18	40.60 -6.30 7.38	45.52 -6.79 5.73	46.74 -6.51 3.86	42.23 -5.87 2.94	38.16 -5.13 1.75	35.02 -4.15 0.00

HUNTLEY___68 23562	23.55 -4.76 9.48	22.09 -4.21 7.37	20.30 -4.10 7.65	22.26 -3.91 4.36	23.90 -4.01 2.26	25.09 -4.07 1.43	23.33 -3.95 1.78	21.96 -3.32 2.88	21.63 -3.26 4.71	25.00 -3.18 0.98	24.39 -3.22 1.17	23.28 -3.42 3.60	24.34 -3.36 2.58	21.31 -3.54 7.35	22.99 -3.96 7.82	24.55 -4.57 8.31	25.98 -4.57 9.17	35.02 -5.17 5.18	40.60 -6.30 7.38	45.52 -6.79 5.73	46.74 -6.51 3.86	42.23 -5.87 2.94	38.16 -5.13 1.75	35.02 -4.15 0.00
HYLAND___LFGE 323620	63.80 -1.40 -27.41	56.99 -1.25 -24.56	54.98 -1.25 -24.18	41.16 -1.13 -11.75	33.70 -1.08 -4.62	32.22 -0.98 -2.61	32.70 -1.34 -4.97	36.39 -1.35 -9.58	43.55 -1.72 -15.68	30.22 -2.22 -3.27	30.11 -2.59 -3.91	39.53 -2.76 -11.99	36.22 -2.63 -8.58	54.01 -2.67 -24.47	57.78 -3.03 -26.03	61.80 -3.29 -27.68	65.16 -3.18 -28.63	54.96 -3.04 -12.63	68.14 -2.60 -16.47	65.24 -1.45 -8.65	60.35 -0.06 -3.30	53.01 -0.35 -2.32	45.99 -0.45 -1.40	38.75 -0.43 0.00
INDECK___CORINTH 23802	40.48 2.68 0.00	36.13 2.46 0.00	34.36 2.31 0.00	32.62 2.08 0.00	32.31 2.14 0.00	32.63 2.05 0.00	31.01 1.95 0.00	29.85 1.69 0.00	31.13 1.54 0.00	30.51 1.34 0.00	29.74 0.95 0.00	31.27 0.97 0.00	30.82 0.55 0.00	32.59 0.39 0.00	35.40 0.63 0.00	38.43 1.01 0.00	41.23 1.51 0.00	47.46 2.09 0.00	57.48 3.20 0.00	62.50 4.47 0.00	61.80 4.68 0.00	55.12 4.08 0.00	48.46 3.42 0.00	41.92 2.74 0.00
INDECK___ILION 23567	37.68 -0.11 0.00	33.57 -0.10 0.00	31.96 -0.10 0.00	30.45 -0.09 0.00	30.08 -0.09 0.00	30.52 -0.06 0.00	29.00 -0.06 0.00	28.11 -0.06 0.00	29.48 -0.12 0.00	29.05 -0.12 0.00	28.68 -0.12 0.00	30.18 -0.12 0.00	30.15 -0.12 0.00	32.07 -0.13 0.00	34.63 -0.14 0.00	37.27 -0.15 0.00	39.56 -0.16 0.00	45.19 -0.18 0.00	54.17 -0.11 0.00	57.92 -0.12 0.00	57.05 -0.06 0.00	50.99 -0.05 0.00	45.09 0.05 0.00	39.22 0.04 0.00
INDECK___OLEAN 23982	26.88 -2.57 8.34	24.93 -2.26 6.49	23.11 -2.21 6.73	24.59 -2.11 3.84	25.91 -2.35 1.90	27.01 -2.33 1.25	25.28 -2.21 1.57	23.87 -1.75 2.55	23.80 -1.63 4.17	26.69 -1.60 0.87	26.08 -1.67 1.04	25.42 -1.70 3.19	26.36 -1.64 2.28	24.05 -1.64 6.51	26.04 -1.81 6.92	28.05 -2.06 7.31	29.61 -2.02 8.08	38.38 -2.31 4.67	44.75 -2.88 6.65	49.86 -3.02 5.16	50.32 -3.37 3.43	45.20 -3.21 2.63	39.43 -4.05 1.56	35.69 -3.49 0.00
INDECK___OSWEGO 23783	36.74 -1.06 0.00	32.76 -0.91 0.00	31.16 -0.90 0.00	29.68 -0.85 0.00	29.32 -0.84 0.00	29.76 -0.82 0.00	28.22 -0.84 0.00	27.37 -0.79 0.00	28.80 -0.80 0.00	28.35 -0.82 0.00	27.96 -0.84 0.00	29.40 -0.91 0.00	29.40 -0.88 0.00	31.30 -0.90 0.00	33.76 -1.01 0.00	36.08 -1.35 0.00	38.89 -1.47 -0.64	45.48 -1.63 -1.74	55.38 -1.85 -2.95	59.77 -1.86 -3.59	58.53 -1.66 -3.08	51.97 -1.53 -2.46	45.10 -1.40 -1.45	38.08 -1.10 0.00
INDECK___YERKES 23781	24.74 -4.73 8.33	23.05 -4.21 6.41	21.27 -4.10 6.68	22.77 -3.91 3.85	23.97 -4.07 2.12	25.18 -4.13 1.27	23.45 -4.04 1.57	22.28 -3.35 2.53	22.18 -3.29 4.13	25.10 -3.21 0.86	24.48 -3.28 1.03	23.69 -3.46 3.16	24.59 -3.42 2.26	22.14 -3.61 6.45	23.91 -4.00 6.86	25.82 -4.38 7.22	27.23 -4.45 8.04	35.49 -5.08 4.80	41.17 -6.24 6.87	45.81 -6.79 5.43	47.42 -6.00 3.69	42.51 -5.72 2.82	38.15 -5.22 1.67	34.83 -4.35 0.00
INDIAN POINT_GT_1 24139	39.92 2.15 0.03	35.49 1.82 0.00	33.74 1.70 0.01	32.11 1.59 0.02	31.67 1.51 0.00	31.98 1.41 0.02	30.68 1.63 0.01	29.80 1.63 0.00	31.37 1.78 0.00	30.95 1.78 0.00	30.72 1.93 0.00	32.30 2.00 0.00	32.36 2.09 0.00	34.39 2.19 0.00	37.14 2.36 0.00	40.23 2.81 0.00	42.97 3.26 0.00	49.04 3.67 0.00	58.40 4.13 0.00	62.10 4.06 0.00	60.59 3.48 0.00	53.90 2.86 0.00	47.52 2.48 0.00	41.10 1.92 0.00
INDIAN POINT_GT_2 23659	39.92 2.15 0.03	35.49 1.82 0.00	33.74 1.70 0.01	32.11 1.59 0.02	31.67 1.51 0.00	31.98 1.41 0.02	30.68 1.63 0.01	29.80 1.63 0.00	31.37 1.78 0.00	30.95 1.78 0.00	30.72 1.93 0.00	32.30 2.00 0.00	32.36 2.09 0.00	34.39 2.19 0.00	37.14 2.36 0.00	40.23 2.81 0.00	42.97 3.26 0.00	49.04 3.67 0.00	58.40 4.13 0.00	62.10 4.06 0.00	60.59 3.48 0.00	53.90 2.86 0.00	47.52 2.48 0.00	41.10 1.92 0.00
INDIAN POINT_GT_3 24019	39.92 2.15 0.03	35.49 1.82 0.00	33.74 1.70 0.01	32.11 1.59 0.02	31.67 1.51 0.00	31.98 1.41 0.02	30.68 1.63 0.01	29.80 1.63 0.00	31.37 1.78 0.00	30.95 1.78 0.00	30.72 1.93 0.00	32.30 2.00 0.00	32.36 2.09 0.00	34.39 2.19 0.00	37.14 2.36 0.00	40.23 2.81 0.00	42.97 3.26 0.00	49.04 3.67 0.00	58.40 4.13 0.00	62.10 4.06 0.00	60.59 3.48 0.00	53.90 2.86 0.00	47.52 2.48 0.00	41.10 1.92 0.00
INDIAN POINT___2 23530	39.84 2.08 0.03	35.42 1.75 0.00	33.71 1.67 0.01	32.04 1.53 0.02	31.64 1.48 0.00	31.91 1.34 0.02	30.62 1.57 0.01	29.77 1.60 0.00	31.34 1.75 0.00	30.92 1.75 0.00	30.69 1.90 0.00	32.27 1.97 0.00	32.34 2.06 0.00	34.36 2.16 0.00	37.10 2.33 0.00	40.23 2.81 0.00	42.90 3.18 0.00	48.95 3.58 0.00	58.35 4.07 0.00	62.04 4.00 0.00	60.54 3.43 0.00	53.79 2.75 0.00	47.43 2.39 0.00	40.94 1.76 0.00
INDIAN POINT___3 23531	39.88 2.12 0.03	35.46 1.78 0.00	33.74 1.70 0.01	32.08 1.56 0.02	31.64 1.48 0.00	31.95 1.38 0.02	30.65 1.60 0.01	29.77 1.61 0.00	31.34 1.75 0.00	30.95 1.78 0.00	30.69 1.90 0.00	32.30 2.00 0.00	32.33 2.06 0.00	34.36 2.16 0.00	37.10 2.33 0.00	40.19 2.77 0.00	42.89 3.18 0.00	48.95 3.58 0.00	58.35 4.07 0.00	62.04 4.00 0.00	60.54 3.43 0.00	53.85 2.81 0.00	47.47 2.43 0.00	41.06 1.88 0.00
INDIANHDD_69_KV_BK1 55831	41.09 3.33 0.03	36.47 2.79 0.00	34.48 2.44 0.01	32.63 2.11 0.02	32.06 1.90 0.00	32.16 1.59 0.01	31.23 2.18 0.01	30.36 2.20 0.00	32.05 2.46 0.00	31.88 2.71 0.00	35.93 2.85 -4.29	40.84 2.94 -7.60	42.88 2.97 -9.64	46.02 3.09 -10.73	46.72 3.37 -8.58	48.93 3.89 -7.62	50.82 4.45 -6.65	56.19 4.95 -5.87	61.19 5.75 -1.16	64.26 5.28 -0.95	61.67 4.57 0.01	54.97 3.93 0.00	48.19 3.15 0.00	42.08 2.90 0.00
INGHAM_C_115KV_TB7 356103	37.42 -0.38 0.00	33.33 -0.34 0.00	31.73 -0.32 0.00	30.20 -0.34 0.00	29.86 -0.30 0.00	30.34 -0.24 0.00	28.80 -0.26 0.00	27.91 -0.25 0.00	29.27 -0.33 0.00	28.85 -0.32 0.00	28.47 -0.32 0.00	29.97 -0.33 0.00	29.91 -0.36 0.00	31.85 -0.35 0.00	34.39 -0.38 0.00	37.01 -0.41 0.00	39.32 -0.40 0.00	44.83 -0.54 0.00	53.79 -0.49 0.00	57.63 -0.41 0.00	56.83 -0.29 0.00	50.84 -0.20 0.00	45.04 0.00 0.00	39.18 0.00 0.00
IP CORINTH___1 23988	40.48 2.68 0.00	36.13 2.46 0.00	34.36 2.31 0.00	32.61 2.08 0.00	32.31 2.14 0.00	32.63 2.05 0.00	31.01 1.95 0.00	29.85 1.69 0.00	31.13 1.54 0.00	30.51 1.34 0.00	29.74 0.95 0.00	31.27 0.97 0.00	30.82 0.54 0.00	32.59 0.39 0.00	35.40 0.63 0.00	38.43 1.01 0.00	41.23 1.51 0.00	47.46 2.09 0.00	57.48 3.20 0.00	62.56 4.53 0.00	61.79 4.68 0.00	55.12 4.08 0.00	48.46 3.42 0.00	41.96 2.78 0.00

IP___TICONDEROGA 23804	41.61 3.82 0.00	37.21 3.54 0.00	35.36 3.30 0.00	33.47 2.93 0.00	33.21 3.05 0.00	33.49 2.91 0.00	31.73 2.67 0.00	30.39 2.22 0.00	31.58 1.98 0.00	30.83 1.66 0.00	30.03 1.24 0.00	31.55 1.24 0.00	30.97 0.70 0.00	32.78 0.58 0.00	35.68 0.90 0.00	38.84 1.42 0.00	41.70 1.99 0.00	48.27 2.90 0.00	58.78 4.51 0.00	64.77 6.73 0.00	64.25 7.14 0.00	57.27 6.23 0.00	50.22 5.18 0.00	43.49 4.31 0.00
ISLIP_RES_REC 323679	41.32 3.55 0.03	36.70 3.03 0.00	34.70 2.66 0.01	32.81 2.29 0.02	32.24 2.08 0.00	32.31 1.74 0.01	31.38 2.33 0.01	30.55 2.39 0.00	32.23 2.63 0.00	32.05 2.89 0.00	36.08 2.99 -4.29	40.96 3.06 -7.60	42.97 3.06 -9.64	46.14 3.16 -10.78	46.88 3.41 -8.70	49.27 4.12 -7.73	51.14 4.64 -6.77	56.53 5.22 -5.95	61.52 6.02 -1.22	64.89 5.86 -0.99	61.84 4.74 0.00	55.22 4.19 0.00	48.01 2.97 0.00	42.03 2.86 0.00
JAMAICA__27_KV_LOAD 355505	40.33 2.57 0.03	35.79 2.12 0.00	34.03 1.99 0.01	32.38 1.86 0.02	31.91 1.75 0.00	32.19 1.62 0.01	31.06 2.01 0.01	30.27 2.11 0.00	31.99 2.40 0.00	31.56 2.39 0.00	31.30 2.50 0.00	32.88 2.58 0.00	32.94 2.66 0.00	35.00 2.80 0.00	37.80 3.03 0.00	40.98 3.55 0.00	44.32 4.05 -0.56	50.04 4.67 0.00	59.60 5.32 0.00	63.08 5.05 0.00	61.51 4.40 0.00	54.56 3.52 0.00	48.33 3.29 0.00	41.57 2.39 0.00
JANIS___SOLAR 323808	40.09 0.34 -1.96	35.90 0.37 -1.86	34.10 0.26 -1.79	31.62 0.27 -0.81	31.21 0.24 -0.80	31.06 0.34 -0.14	29.38 -0.03 -0.35	28.89 0.00 -0.73	30.58 -0.21 -1.19	29.03 -0.38 -0.25	28.48 -0.61 -0.30	30.49 -0.73 -0.91	30.17 -0.76 -0.65	33.35 -0.71 -1.85	35.98 -0.77 -1.97	38.62 -0.90 -2.10	41.13 -0.68 -2.08	45.70 -0.41 -0.74	55.37 0.22 -0.87	58.86 0.64 -0.19	58.17 1.14 0.09	51.81 0.92 0.14	45.59 0.63 0.08	39.72 0.55 0.00
JARVIS____ 23743	37.91 0.11 0.00	33.77 0.10 0.00	32.15 0.10 0.00	30.60 0.06 0.00	30.23 0.06 0.00	30.68 0.09 0.00	29.15 0.09 0.00	28.25 0.08 0.00	29.65 0.06 0.00	29.22 0.06 0.00	28.85 0.06 0.00	30.37 0.06 0.00	30.34 0.06 0.00	32.24 0.03 0.00	34.81 0.03 0.00	37.50 0.07 0.00	39.76 0.04 0.00	45.46 0.09 0.00	54.39 0.11 0.00	58.15 0.12 0.00	57.17 0.06 0.00	51.09 0.05 0.00	45.09 0.05 0.00	39.18 0.00 0.00
JENNISON___1 23625	39.41 0.64 -0.97	35.31 0.64 -1.00	33.53 0.54 -0.94	31.44 0.52 -0.38	31.06 0.45 -0.44	31.17 0.55 -0.03	29.20 -0.03 -0.17	28.61 0.06 -0.39	30.17 -0.06 -0.64	29.18 -0.12 -0.13	28.72 -0.23 -0.16	30.49 -0.30 -0.49	30.29 -0.33 -0.35	32.97 -0.23 -0.99	35.55 -0.28 -1.06	38.21 -0.34 -1.12	40.67 -0.12 -1.07	45.69 0.05 -0.28	55.08 0.54 -0.26	58.58 0.70 0.15	57.82 0.97 0.26	51.65 0.87 0.25	45.48 0.59 0.15	39.69 0.51 0.00
JENNISON___2 23626	39.41 0.64 -0.97	35.31 0.64 -1.00	33.53 0.54 -0.94	31.44 0.52 -0.38	31.06 0.45 -0.44	31.17 0.55 -0.03	29.20 -0.03 -0.17	28.61 0.06 -0.39	30.17 -0.06 -0.64	29.18 -0.12 -0.13	28.72 -0.23 -0.16	30.49 -0.30 -0.49	30.29 -0.33 -0.35	32.97 -0.23 -0.99	35.55 -0.28 -1.06	38.21 -0.34 -1.12	40.67 -0.12 -1.07	45.69 0.05 -0.28	55.08 0.54 -0.26	58.58 0.70 0.15	57.82 0.97 0.26	51.65 0.87 0.25	45.48 0.59 0.15	39.69 0.51 0.00
JERICHO_RISE_WT_PWR 323719	37.07 -0.72 0.00	33.03 -0.64 0.00	31.48 -0.58 0.00	30.05 -0.49 0.00	29.68 -0.48 0.00	30.07 -0.52 0.00	28.48 -0.58 0.00	27.57 -0.59 0.00	29.06 -0.53 0.00	28.67 -0.50 0.00	28.33 -0.46 0.00	29.82 -0.49 0.00	29.82 -0.45 0.00	31.75 -0.45 0.00	34.39 -0.38 0.00	37.12 -0.30 0.00	39.56 -0.16 0.00	45.05 -0.32 0.00	54.11 -0.16 0.00	57.92 -0.12 0.00	56.83 -0.28 0.00	51.09 0.05 0.00	45.09 0.05 0.00	39.49 0.31 0.00
KATONAH___115KV_46KV_TB4 355592	40.11 2.34 0.03	35.66 1.99 0.00	33.94 1.89 0.01	32.26 1.74 0.02	31.82 1.66 0.00	32.13 1.56 0.01	30.83 1.77 0.01	29.91 1.75 0.00	31.49 1.89 0.00	31.06 1.90 0.00	30.81 2.02 0.00	32.43 2.12 0.00	32.46 2.18 0.00	34.49 2.29 0.00	37.24 2.47 0.00	40.34 2.92 0.00	43.13 3.42 0.00	49.27 3.90 0.00	58.73 4.45 0.00	62.45 4.41 0.00	60.94 3.83 0.00	54.20 3.16 0.00	47.74 2.70 0.00	41.29 2.12 0.00
KCE_NY_1 323755	39.83 2.04 0.00	35.49 1.82 0.00	33.78 1.73 0.00	32.09 1.56 0.00	31.76 1.60 0.00	32.17 1.59 0.00	30.57 1.51 0.00	29.46 1.30 0.00	30.78 1.18 0.00	30.21 1.05 0.00	29.71 0.92 0.00	31.27 0.97 0.00	31.03 0.76 0.00	32.91 0.71 0.00	35.68 0.90 0.00	38.65 1.23 0.00	41.07 1.35 0.00	47.09 1.72 0.00	56.56 2.28 0.00	60.99 2.96 0.00	60.19 3.08 0.00	53.74 2.70 0.00	47.38 2.34 0.00	40.98 1.80 0.00
KCE_NY_6_ESR 323823	23.54 -4.23 10.02	21.99 -3.77 7.91	20.23 -3.65 8.16	22.44 -3.51 4.58	24.25 -3.62 2.29	25.50 -3.64 1.45	23.63 -3.55 1.88	22.07 -2.99 3.11	21.58 -2.93 5.09	25.22 -2.89 1.06	24.56 -2.96 1.27	23.29 -3.12 3.89	24.44 -3.06 2.78	21.07 -3.19 7.94	22.75 -3.58 8.45	24.62 -3.89 8.91	25.99 -3.93 9.79	35.43 -4.40 5.54	41.07 -5.37 7.84	46.33 -5.75 5.95	48.02 -5.20 3.90	43.12 -4.95 2.97	38.68 -4.59 1.76	35.34 -3.84 0.00
KEDC_PORT_JEFF_GT2 24210	41.05 3.29 0.03	36.50 2.83 0.00	34.51 2.47 0.01	32.62 2.11 0.02	32.06 1.90 0.00	32.16 1.59 0.01	31.24 2.18 0.01	30.42 2.25 0.00	32.05 2.45 0.00	31.88 2.71 0.00	35.90 2.82 -4.29	40.79 2.88 -7.60	42.79 2.88 -9.64	45.86 2.96 -10.70	46.47 3.20 -8.50	48.80 3.82 -7.56	50.63 4.33 -6.58	56.00 4.81 -5.83	60.83 5.43 -1.13	64.18 5.23 -0.92	61.33 4.23 0.00	54.87 3.83 0.00	47.74 2.70 0.00	41.80 2.63 0.00
KEDC_PORT_JEFF_GT3 24211	41.05 3.29 0.03	36.50 2.83 0.00	34.51 2.47 0.01	32.62 2.11 0.02	32.06 1.90 0.00	32.16 1.59 0.01	31.24 2.18 0.01	30.42 2.25 0.00	32.05 2.45 0.00	31.88 2.71 0.00	35.90 2.82 -4.29	40.79 2.88 -7.60	42.79 2.88 -9.64	45.86 2.96 -10.70	46.47 3.20 -8.50	48.80 3.82 -7.56	50.63 4.33 -6.58	56.00 4.81 -5.83	60.83 5.43 -1.13	64.18 5.23 -0.92	61.33 4.23 0.00	54.87 3.83 0.00	47.74 2.70 0.00	41.80 2.63 0.00
KEDC_GLWD_GT4 24219	40.60 2.84 0.03	36.03 2.36 0.00	34.19 2.15 0.01	32.41 1.89 0.02	31.94 1.78 0.00	32.16 1.59 0.01	31.03 1.98 0.01	30.16 2.00 0.00	31.81 2.22 0.00	31.50 2.33 0.00	35.62 2.53 -4.29	40.54 2.64 -7.60	42.64 2.73 -9.64	49.76 2.87 -14.69	55.57 3.13 -17.67	56.79 3.67 -15.70	59.30 4.09 -15.49	61.41 4.63 -11.41	64.85 5.16 -5.41	67.60 5.16 -4.40	61.75 4.62 -0.01	54.88 3.83 -0.01	47.93 2.89 0.00	41.57 2.39 0.00
KEDC_GLWD_GT5 24220	40.60 2.84 0.03	36.03 2.36 0.00	34.19 2.15 0.01	32.41 1.89 0.02	31.94 1.78 0.00	32.16 1.59 0.01	31.03 1.98 0.01	30.16 2.00 0.00	31.81 2.22 0.00	31.50 2.33 0.00	35.62 2.53 -4.29	40.54 2.64 -7.60	42.64 2.73 -9.64	49.76 2.87 -14.69	55.57 3.13 -17.67	56.79 3.67 -15.70	59.30 4.09 -15.49	61.41 4.63 -11.41	64.85 5.16 -5.41	67.60 5.16 -4.40	61.75 4.62 -0.01	54.88 3.83 -0.01	47.93 2.89 0.00	41.57 2.39 0.00

KENSICO____ 23655	40.03 2.27 0.03	35.59 1.92 0.00	33.87 1.83 0.01	32.20 1.68 0.02	31.76 1.60 0.00	32.04 1.47 0.02	30.77 1.71 0.01	29.88 1.72 0.00	31.49 1.89 0.00	31.09 1.92 0.00	30.86 2.07 0.00	32.46 2.15 0.00	32.49 2.21 0.00	34.52 2.32 0.00	37.28 2.50 0.00	40.38 2.96 0.00	43.13 3.42 0.00	49.23 3.86 0.00	58.62 4.34 0.00	62.33 4.29 0.00	60.82 3.71 0.00	54.05 3.01 0.00	47.65 2.61 0.00	41.21 2.04 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.33 2.57 0.03	35.79 2.12 0.00	34.03 1.99 0.01	32.35 1.83 0.02	31.91 1.75 0.00	32.22 1.65 0.02	30.86 1.80 0.01	29.85 1.69 0.00	31.40 1.81 0.00	30.89 1.72 0.00	30.60 1.81 0.00	32.18 1.88 0.00	32.24 1.97 0.00	34.30 2.09 0.00	37.10 2.33 0.00	40.30 2.88 0.00	43.13 3.42 0.00	49.45 4.08 0.00	58.78 4.51 0.00	62.56 4.53 0.00	61.11 4.00 0.00	54.36 3.32 0.00	47.83 2.79 0.00	41.37 2.19 0.00
KIAC_JFK_GT1 23816	40.11 2.34 0.03	35.59 1.92 0.00	33.87 1.83 0.01	32.20 1.68 0.02	31.76 1.60 0.00	32.04 1.47 0.01	30.91 1.86 0.01	30.11 1.94 0.00	31.81 2.22 0.00	31.41 2.25 0.00	31.12 2.33 0.00	32.73 2.42 0.00	32.79 2.51 0.00	34.84 2.64 0.00	37.59 2.82 0.00	40.75 3.33 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.27 4.99 0.00	62.62 4.58 0.00	61.17 4.05 0.00	54.26 3.22 0.00	48.06 3.02 0.00	41.37 2.19 0.00
KIAC_JFK_GT2 23817	40.11 2.34 0.03	35.59 1.92 0.00	33.87 1.83 0.01	32.20 1.68 0.02	31.76 1.60 0.00	32.04 1.47 0.01	30.91 1.86 0.01	30.11 1.94 0.00	31.81 2.22 0.00	31.41 2.25 0.00	31.12 2.33 0.00	32.73 2.42 0.00	32.79 2.51 0.00	34.84 2.64 0.00	37.59 2.82 0.00	40.75 3.33 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.27 4.99 0.00	62.62 4.58 0.00	61.17 4.05 0.00	54.26 3.22 0.00	48.06 3.02 0.00	41.37 2.19 0.00
KIAC_JFK____ 323774	40.11 2.34 0.03	35.59 1.92 0.00	33.87 1.83 0.01	32.20 1.68 0.02	31.76 1.60 0.00	32.04 1.47 0.01	30.92 1.86 0.01	30.13 1.97 0.00	31.81 2.22 0.00	31.41 2.25 0.00	31.12 2.33 0.00	32.73 2.43 0.00	32.79 2.51 0.00	34.84 2.64 0.00	37.59 2.82 0.00	40.83 3.40 0.00	44.09 3.81 -0.56	49.73 4.36 0.00	59.22 4.94 0.00	62.50 4.47 0.00	61.17 4.06 0.00	54.21 3.17 0.00	47.97 2.93 0.00	41.25 2.07 0.00
KINTIGH_24_KV_GSU 356498	27.35 -4.54 5.91	25.77 -4.01 3.90	23.81 -3.91 4.33	23.91 -3.73 2.90	24.55 -3.74 1.88	25.59 -3.76 1.23	24.19 -3.72 1.15	23.47 -3.18 1.51	23.99 -3.14 2.47	25.62 -3.03 0.51	25.09 -3.08 0.62	25.14 -3.27 1.89	25.71 -3.21 1.35	24.97 -3.38 3.85	26.88 -3.79 4.10	28.73 -4.30 4.39	30.11 -4.49 5.12	36.64 -5.13 3.60	42.67 -6.30 5.32	46.60 -6.79 4.64	47.83 -5.88 3.40	42.82 -5.61 2.60	38.86 -4.64 1.54	35.34 -3.84 0.00
KINTIGH____ 23543	27.35 -4.54 5.91	25.77 -4.01 3.90	23.81 -3.91 4.33	23.91 -3.73 2.90	24.55 -3.74 1.88	25.57 -3.79 1.23	24.19 -3.72 1.15	23.47 -3.18 1.51	23.99 -3.14 2.47	25.62 -3.03 0.51	25.09 -3.08 0.62	25.14 -3.27 1.89	25.72 -3.21 1.35	24.97 -3.38 3.85	26.88 -3.79 4.10	28.61 -4.42 4.39	30.07 -4.53 5.12	36.60 -5.17 3.60	42.72 -6.24 5.32	46.66 -6.73 4.64	47.32 -6.40 3.40	42.82 -5.61 2.60	38.86 -4.64 1.54	35.45 -3.72 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	37.57 -0.23 0.00	33.47 -0.20 0.00	31.86 -0.19 0.00	30.42 -0.12 0.00	30.04 -0.12 0.00	30.46 -0.12 0.00	28.80 -0.26 0.00	27.85 -0.31 0.00	29.36 -0.24 0.00	28.96 -0.20 0.00	28.62 -0.17 0.00	30.15 -0.15 0.00	30.12 -0.15 0.00	32.14 -0.06 0.00	34.74 -0.03 0.00	37.53 0.11 0.00	40.04 0.32 0.00	45.55 0.18 0.00	54.77 0.49 0.00	58.73 0.70 0.00	57.68 0.57 0.00	51.81 0.77 0.00	45.72 0.68 0.00	40.12 0.94 0.00
LACHUTE____HYDRO 323717	41.61 3.82 0.00	37.21 3.53 0.00	35.36 3.30 0.00	33.47 2.93 0.00	33.21 3.05 0.00	33.49 2.91 0.00	31.71 2.64 0.00	30.39 2.22 0.00	31.58 1.98 0.00	30.83 1.66 0.00	30.03 1.24 0.00	31.55 1.24 0.00	30.97 0.70 0.00	32.78 0.58 0.00	35.68 0.90 0.00	38.84 1.42 0.00	41.70 1.99 0.00	48.28 2.91 0.00	58.78 4.50 0.00	64.71 6.67 0.00	64.25 7.14 0.00	57.26 6.22 0.00	50.26 5.22 0.00	43.45 4.27 0.00
LAWRNCV_115KV_TB1 80681	37.26 -0.53 0.00	33.20 -0.47 0.00	31.60 -0.45 0.00	30.17 -0.37 0.00	29.80 -0.36 0.00	30.25 -0.34 0.00	28.63 -0.44 0.00	27.66 -0.51 0.00	29.03 -0.56 0.00	28.61 -0.55 0.00	28.19 -0.60 0.00	29.61 -0.70 0.00	29.58 -0.70 0.00	31.49 -0.71 0.00	34.01 -0.77 0.00	36.67 -0.75 0.00	39.08 -0.64 0.00	44.46 -0.91 0.00	53.41 -0.87 0.00	57.22 -0.81 0.00	56.31 -0.80 0.00	50.73 -0.31 0.00	44.77 -0.27 0.00	39.22 0.04 0.00
LEDERLE____ 23769	40.03 2.27 0.03	35.59 1.92 0.00	33.84 1.80 0.01	32.17 1.65 0.02	31.76 1.60 0.00	32.04 1.47 0.02	30.74 1.69 0.01	29.82 1.66 0.00	31.43 1.83 0.00	31.00 1.84 0.00	30.78 1.99 0.00	32.37 2.06 0.00	32.43 2.15 0.00	34.46 2.25 0.00	37.24 2.47 0.00	40.34 2.92 0.00	43.09 3.38 0.00	49.18 3.81 0.00	58.62 4.34 0.00	62.33 4.29 0.00	60.88 3.77 0.00	54.10 3.06 0.00	47.70 2.66 0.00	41.25 2.08 0.00
LIGHTHSE_115KV_TB6 355974	37.11 -0.68 0.00	33.10 -0.57 0.00	31.44 -0.61 0.00	29.96 -0.58 0.00	29.59 -0.57 0.00	30.13 -0.46 0.00	28.45 -0.61 0.00	27.57 -0.59 0.00	28.91 -0.68 0.00	28.47 -0.70 0.00	27.98 -0.81 0.00	29.46 -0.85 0.00	29.40 -0.88 0.00	31.33 -0.87 0.00	33.76 -1.01 0.00	36.15 -1.27 0.00	38.53 -1.31 -0.13	44.26 -1.45 -0.34	53.50 -1.36 -0.58	57.41 -1.33 -0.71	56.64 -1.09 -0.61	50.56 -0.97 -0.49	44.47 -0.86 -0.29	38.51 -0.67 0.00
LINDEN COGEN____ 23786	40.15 2.38 0.03	35.66 1.99 0.00	33.94 1.89 0.01	32.23 1.71 0.02	31.79 1.63 0.00	32.04 1.47 0.01	30.86 1.80 0.01	30.02 1.86 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.10 2.30 0.00	32.70 2.39 0.00	32.73 2.45 0.00	34.78 2.58 0.00	37.56 2.78 0.00	40.75 3.33 0.00	44.01 3.73 -0.56	49.59 4.22 0.00	59.00 4.72 0.00	62.68 4.64 0.00	61.05 3.94 0.00	54.21 3.17 0.00	47.74 2.70 0.00	41.17 2.00 0.00
LINDHRST_69_KV_BK1 356055	41.28 3.51 0.03	36.57 2.90 0.00	34.61 2.56 0.01	32.75 2.23 0.02	32.18 2.02 0.00	32.31 1.74 0.01	31.32 2.27 0.01	30.44 2.28 0.00	32.17 2.57 0.00	31.97 2.80 0.00	36.05 2.97 -4.29	40.97 3.06 -7.60	43.03 3.12 -9.64	47.81 3.25 -12.36	50.64 3.55 -12.32	52.41 4.04 -10.95	54.65 4.65 -10.29	58.74 5.22 -8.15	63.27 6.08 -2.91	66.21 5.80 -2.37	62.31 5.20 0.00	55.43 4.39 0.00	48.51 3.47 0.00	42.27 3.09 0.00
LIPA_MISC_IPP 23656	40.94 3.17 0.03	36.43 2.76 0.00	34.45 2.40 0.01	32.56 2.05 0.02	32.00 1.84 0.00	32.07 1.50 0.01	31.15 2.09 0.01	30.27 2.11 0.00	31.96 2.37 0.00	31.79 2.62 0.00	35.76 2.68 -4.29	40.60 2.70 -7.60	42.61 2.69 -9.64	45.57 2.71 -10.66	46.08 2.89 -8.42	48.38 3.48 -7.48	50.31 4.09 -6.50	55.64 4.49 -5.78	60.58 5.21 -1.09	63.62 4.70 -0.89	61.10 4.00 0.01	54.51 3.47 0.00	47.92 2.88 0.00	41.84 2.66 0.00

LISF___SOLAR 323691	40.97 3.21 0.03	36.50 2.83 0.00	34.51 2.47 0.01	32.62 2.11 0.02	32.06 1.90 0.00	32.13 1.56 0.01	31.20 2.15 0.01	30.39 2.22 0.00	31.99 2.40 0.00	31.82 2.65 0.00	35.79 2.71 -4.29	40.60 2.70 -7.60	42.61 2.69 -9.64	45.61 2.74 -10.68	46.11 2.88 -8.45	48.53 3.59 -7.51	50.38 4.13 -6.53	55.75 4.58 -5.80	60.71 5.32 -1.11	64.10 5.16 -0.90	61.16 4.06 0.00	54.61 3.57 0.00	47.56 2.52 0.00	41.72 2.54 0.00
LITTLE FALLS___HYD 24013	37.42 -0.38 0.00	33.33 -0.34 0.00	31.73 -0.32 0.00	30.20 -0.34 0.00	29.86 -0.30 0.00	30.34 -0.24 0.00	28.80 -0.26 0.00	27.91 -0.25 0.00	29.27 -0.33 0.00	28.85 -0.32 0.00	28.47 -0.32 0.00	29.97 -0.33 0.00	29.91 -0.36 0.00	31.85 -0.35 0.00	34.39 -0.38 0.00	37.01 -0.41 0.00	39.32 -0.40 0.00	44.83 -0.54 0.00	53.79 -0.49 0.00	57.63 -0.41 0.00	56.83 -0.29 0.00	50.84 -0.20 0.00	45.04 0.00 0.00	39.18 0.00 0.00
LITTLRIV_115KV_TB1 356100	37.57 -0.23 0.00	33.50 -0.17 0.00	31.86 -0.19 0.00	30.45 -0.09 0.00	30.04 -0.12 0.00	30.55 -0.03 0.00	28.86 -0.20 0.00	27.82 -0.34 0.00	29.18 -0.41 0.00	28.70 -0.47 0.00	28.24 -0.55 0.00	29.67 -0.64 0.00	29.61 -0.67 0.00	31.56 -0.64 0.00	34.04 -0.73 0.00	36.75 -0.67 0.00	39.20 -0.52 0.00	44.64 -0.73 0.00	53.79 -0.49 0.00	57.63 -0.41 0.00	56.83 -0.29 0.00	51.19 0.15 0.00	45.13 0.09 0.00	39.53 0.35 0.00
LI_NEWBRDGE___DRP 323616	40.52 2.76 0.03	35.93 2.26 0.00	34.03 1.99 0.01	32.23 1.71 0.02	31.73 1.57 0.00	31.89 1.32 0.01	30.86 1.80 0.01	29.99 1.83 0.00	31.64 2.04 0.00	31.41 2.25 0.00	35.50 2.42 -4.29	40.42 2.52 -7.60	42.49 2.57 -9.64	44.76 2.67 -9.88	44.33 2.92 -6.63	46.65 3.33 -5.90	48.34 3.85 -4.77	54.32 4.26 -4.69	59.47 4.94 -0.26	62.94 4.70 -0.21	61.39 4.28 0.01	54.55 3.52 0.01	47.70 2.66 0.00	41.53 2.35 0.00
LOCKPORT_115KV_TB60_63_64 80432	25.94 -4.80 7.06	24.05 -4.24 5.38	22.26 -4.17 5.63	23.22 -4.03 3.28	23.85 -4.31 2.00	25.01 -4.50 1.08	23.39 -4.33 1.34	22.62 -3.38 2.16	22.75 -3.31 3.53	25.16 -3.27 0.74	24.60 -3.31 0.88	24.09 -3.52 2.70	24.89 -3.45 1.93	23.05 -3.64 5.51	24.80 -4.10 5.87	26.65 -4.72 6.06	28.12 -4.77 6.83	35.51 -5.54 4.32	41.19 -6.84 6.24	45.45 -7.49 5.10	46.48 -7.08 3.55	41.85 -6.48 2.71	37.85 -5.59 1.60	34.67 -4.51 0.00
LOCKPORT___CC1 323769	25.43 -4.84 7.53	23.62 -4.28 5.77	21.83 -4.20 6.02	23.02 -4.03 3.49	23.82 -4.28 2.06	25.01 -4.44 1.14	23.33 -4.30 1.43	22.42 -3.44 2.30	22.45 -3.37 3.77	25.08 -3.30 0.79	24.51 -3.34 0.94	23.88 -3.55 2.88	24.70 -3.51 2.06	22.65 -3.67 5.88	24.38 -4.14 6.26	26.35 -4.57 6.50	27.65 -4.77 7.30	35.31 -5.54 4.52	40.88 -6.89 6.50	45.24 -7.54 5.25	46.70 -6.80 3.61	41.85 -6.43 2.76	37.91 -5.50 1.63	34.55 -4.62 0.00
LOCKPORT___CC2 323770	25.43 -4.84 7.53	23.62 -4.28 5.77	21.83 -4.20 6.02	23.02 -4.03 3.49	23.82 -4.28 2.06	25.01 -4.44 1.14	23.33 -4.30 1.43	22.42 -3.44 2.30	22.45 -3.37 3.77	25.08 -3.30 0.79	24.51 -3.34 0.94	23.88 -3.55 2.88	24.70 -3.51 2.06	22.65 -3.67 5.88	24.38 -4.14 6.26	26.35 -4.57 6.50	27.65 -4.77 7.30	35.31 -5.54 4.52	40.88 -6.89 6.50	45.24 -7.54 5.25	46.70 -6.80 3.61	41.85 -6.43 2.76	37.91 -5.50 1.63	34.55 -4.62 0.00
LOCKPORT___CC3 323771	25.43 -4.84 7.53	23.62 -4.28 5.77	21.83 -4.20 6.02	23.02 -4.03 3.49	23.82 -4.28 2.06	25.01 -4.44 1.14	23.33 -4.30 1.43	22.42 -3.44 2.30	22.45 -3.37 3.77	25.08 -3.30 0.79	24.51 -3.34 0.94	23.88 -3.55 2.88	24.70 -3.51 2.06	22.65 -3.67 5.88	24.38 -4.14 6.26	26.35 -4.57 6.50	27.65 -4.77 7.30	35.31 -5.54 4.52	40.88 -6.89 6.50	45.24 -7.54 5.25	46.70 -6.80 3.61	41.85 -6.43 2.76	37.91 -5.50 1.63	34.55 -4.62 0.00
LOCUSVLY_69_KV_BK2 55797	40.86 3.10 0.03	36.23 2.56 0.00	34.35 2.31 0.01	32.53 2.02 0.02	32.03 1.87 0.00	32.22 1.65 0.01	31.12 2.06 0.01	30.27 2.11 0.00	31.93 2.34 0.00	31.67 2.51 0.00	35.79 2.71 -4.29	40.75 2.85 -7.60	42.85 2.94 -9.64	49.03 3.09 -13.74	53.59 3.34 -15.48	55.00 3.82 -13.76	57.45 4.37 -13.37	60.35 4.90 -10.08	64.26 5.59 -4.39	67.00 5.40 -3.57	61.97 4.85 -0.01	55.08 4.03 0.00	48.24 3.20 0.00	41.92 2.74 0.00
LONG_LAKE_PHOENIX 24014	36.81 -0.98 0.00	32.80 -0.88 0.00	31.22 -0.83 0.00	29.71 -0.82 0.00	29.35 -0.81 0.00	29.79 -0.80 0.00	28.25 -0.81 0.00	27.43 -0.73 0.00	28.85 -0.74 0.00	28.44 -0.73 0.00	28.01 -0.78 0.00	29.46 -0.85 0.00	29.46 -0.82 0.00	31.37 -0.84 0.00	33.83 -0.94 0.00	36.22 -1.20 0.00	38.73 -1.35 -0.36	44.85 -1.50 -0.98	54.26 -1.68 -1.66	58.38 -1.68 -2.03	57.31 -1.54 -1.74	51.00 -1.43 -1.39	44.55 -1.31 -0.82	38.08 -1.10 0.00
LOVETT___3 23632	39.84 2.08 0.03	35.39 1.72 0.00	33.68 1.63 0.01	32.01 1.50 0.02	31.61 1.45 0.00	31.92 1.35 0.02	30.62 1.57 0.01	29.71 1.55 0.00	31.31 1.72 0.00	30.89 1.72 0.00	30.66 1.87 0.00	32.24 1.94 0.00	32.30 2.03 0.00	34.33 2.13 0.00	37.07 2.30 0.00	40.15 2.73 0.00	42.85 3.14 0.00	48.91 3.54 0.00	58.29 4.02 0.00	61.92 3.89 0.00	60.48 3.37 0.00	53.80 2.76 0.00	47.43 2.39 0.00	41.02 1.84 0.00
LOVETT___4 23642	39.84 2.08 0.03	35.39 1.72 0.00	33.68 1.63 0.01	32.01 1.50 0.02	31.61 1.45 0.00	31.92 1.35 0.02	30.62 1.57 0.01	29.71 1.55 0.00	31.31 1.72 0.00	30.89 1.72 0.00	30.66 1.87 0.00	32.24 1.94 0.00	32.30 2.03 0.00	34.33 2.13 0.00	37.07 2.30 0.00	40.15 2.73 0.00	42.85 3.14 0.00	48.91 3.54 0.00	58.29 4.02 0.00	61.92 3.89 0.00	60.48 3.37 0.00	53.80 2.76 0.00	47.43 2.39 0.00	41.02 1.84 0.00
LOVETT___5 23593	39.84 2.08 0.03	35.39 1.72 0.00	33.68 1.63 0.01	32.01 1.50 0.02	31.61 1.45 0.00	31.92 1.35 0.02	30.62 1.57 0.01	29.71 1.55 0.00	31.31 1.72 0.00	30.89 1.72 0.00	30.66 1.87 0.00	32.24 1.94 0.00	32.30 2.03 0.00	34.33 2.13 0.00	37.07 2.30 0.00	40.15 2.73 0.00	42.85 3.14 0.00	48.91 3.54 0.00	58.29 4.02 0.00	61.92 3.89 0.00	60.48 3.37 0.00	53.80 2.76 0.00	47.43 2.39 0.00	41.02 1.84 0.00
LOWER RAQUET___HYD 24057	37.15 -0.64 0.00	33.10 -0.57 0.00	31.51 -0.55 0.00	30.08 -0.46 0.00	29.71 -0.45 0.00	30.19 -0.40 0.00	28.54 -0.52 0.00	27.57 -0.59 0.00	28.94 -0.65 0.00	28.50 -0.67 0.00	28.07 -0.72 0.00	29.49 -0.82 0.00	29.43 -0.85 0.00	31.33 -0.87 0.00	33.84 -0.94 0.00	36.49 -0.93 0.00	38.92 -0.79 0.00	44.28 -1.09 0.00	53.30 -0.98 0.00	56.99 -1.04 0.00	56.14 -0.97 0.00	50.58 -0.46 0.00	44.63 -0.41 0.00	39.10 -0.08 0.00
LOWER___HUDSON 24059	39.34 1.55 0.00	35.02 1.35 0.00	33.37 1.31 0.00	31.73 1.19 0.00	31.40 1.24 0.00	31.84 1.25 0.00	30.31 1.25 0.00	29.23 1.07 0.00	30.57 0.98 0.00	30.10 0.93 0.00	29.65 0.86 0.00	31.25 0.94 0.00	31.12 0.85 0.00	32.97 0.77 0.00	35.71 0.94 0.00	38.62 1.20 0.00	40.83 1.11 0.00	46.73 1.36 0.00	55.74 1.47 0.00	59.84 1.80 0.00	58.94 1.83 0.00	52.62 1.58 0.00	46.53 1.48 0.00	40.11 0.94 0.00

LOWVILLE_115KV_TB2 356335	36.92 -0.87 0.00	32.93 -0.74 0.00	31.35 -0.71 0.00	29.90 -0.64 0.00	29.53 -0.63 0.00	30.16 -0.43 0.00	28.48 -0.58 0.00	27.54 -0.62 0.00	28.74 -0.86 0.00	28.23 -0.93 0.00	27.70 -1.09 0.00	29.12 -1.18 0.00	29.06 -1.21 0.00	30.98 -1.22 0.00	33.35 -1.43 0.00	35.81 -1.61 0.00	38.21 -1.51 0.00	43.74 -1.63 0.00	53.08 -1.19 0.00	56.82 -1.22 0.00	56.25 -0.86 0.00	50.73 -0.31 0.00	44.68 -0.36 0.00	38.98 -0.20 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.80 2.00 0.00	35.46 1.78 0.00	33.78 1.73 0.00	32.09 1.56 0.00	31.76 1.60 0.00	32.15 1.56 0.00	30.54 1.48 0.00	29.46 1.30 0.00	30.78 1.18 0.00	30.22 1.05 0.00	29.71 0.92 0.00	31.24 0.94 0.00	31.03 0.76 0.00	32.91 0.71 0.00	35.68 0.90 0.00	38.62 1.20 0.00	41.03 1.31 0.00	47.09 1.72 0.00	56.50 2.23 0.00	61.05 3.02 0.00	60.20 3.08 0.00	53.75 2.71 0.00	47.34 2.30 0.00	41.02 1.84 0.00
LUTHERNY_35_KV_BK2 355980	39.83 2.04 0.00	35.49 1.82 0.00	33.78 1.73 0.00	32.09 1.56 0.00	31.76 1.60 0.00	32.15 1.56 0.00	30.57 1.51 0.00	29.49 1.32 0.00	30.78 1.18 0.00	30.22 1.05 0.00	29.71 0.92 0.00	31.27 0.97 0.00	31.03 0.76 0.00	32.91 0.71 0.00	35.68 0.90 0.00	38.62 1.20 0.00	41.07 1.35 0.00	47.09 1.72 0.00	56.56 2.28 0.00	61.11 3.08 0.00	60.25 3.14 0.00	53.75 2.71 0.00	47.38 2.34 0.00	41.02 1.84 0.00
LWR__OSWEGATCHIE_HYD 23850	36.92 -0.87 0.00	32.93 -0.74 0.00	31.35 -0.71 0.00	29.90 -0.64 0.00	29.53 -0.63 0.00	30.07 -0.52 0.00	28.39 -0.67 0.00	27.43 -0.73 0.00	28.71 -0.89 0.00	28.23 -0.93 0.00	27.75 -1.04 0.00	29.15 -1.15 0.00	29.10 -1.18 0.00	31.01 -1.19 0.00	33.42 -1.36 0.00	35.96 -1.46 0.00	38.37 -1.35 0.00	43.78 -1.59 0.00	52.97 -1.30 0.00	56.70 -1.33 0.00	55.97 -1.14 0.00	50.43 -0.61 0.00	44.46 -0.59 0.00	38.86 -0.31 0.00
LYONS_FALL_HYD 23570	37.42 -0.38 0.00	33.37 -0.30 0.00	31.76 -0.29 0.00	30.26 -0.28 0.00	29.89 -0.27 0.00	30.46 -0.12 0.00	28.83 -0.23 0.00	27.91 -0.25 0.00	29.18 -0.41 0.00	28.67 -0.50 0.00	28.19 -0.61 0.00	29.67 -0.64 0.00	29.58 -0.70 0.00	31.53 -0.68 0.00	33.97 -0.80 0.00	36.49 -0.93 0.00	38.88 -0.84 0.00	44.46 -0.91 0.00	53.79 -0.49 0.00	57.57 -0.47 0.00	56.83 -0.28 0.00	51.09 0.05 0.00	45.00 -0.04 0.00	39.18 0.00 0.00
MADISON__COUNTY_LFGE 323628	38.13 0.34 0.00	34.01 0.34 0.00	32.34 0.29 0.00	30.78 0.24 0.00	30.41 0.24 0.00	30.92 0.34 0.00	29.26 0.20 0.00	28.36 0.20 0.00	29.71 0.12 0.00	29.25 0.09 0.00	28.79 0.00 0.00	30.30 0.00 0.00	30.25 -0.03 0.00	32.20 0.00 0.00	34.77 0.00 0.00	37.31 -0.11 0.11	39.61 0.00 0.11	45.12 0.05 0.29	54.21 0.43 0.50	57.89 0.46 0.61	57.22 0.63 0.52	51.18 0.56 0.42	45.20 0.41 0.25	39.49 0.31 0.00
MALONE__115KV_TB1 356076	37.34 -0.45 0.00	33.27 -0.40 0.00	31.70 -0.35 0.00	30.26 -0.27 0.00	29.86 -0.30 0.00	30.31 -0.28 0.00	28.65 -0.41 0.00	27.74 -0.42 0.00	29.21 -0.38 0.00	28.82 -0.35 0.00	28.45 -0.35 0.00	29.97 -0.33 0.00	29.94 -0.33 0.00	31.91 -0.29 0.00	34.49 -0.28 0.00	37.23 -0.19 0.00	39.72 0.00 0.00	45.19 -0.18 0.00	54.39 0.11 0.00	58.27 0.23 0.00	57.28 0.17 0.00	51.50 0.46 0.00	45.40 0.36 0.00	39.84 0.67 0.00
MAPLEWOD_115KV_TB3 80458	39.15 1.36 0.00	34.88 1.21 0.00	33.30 1.25 0.00	31.67 1.13 0.00	31.34 1.18 0.00	31.72 1.13 0.00	30.19 1.13 0.00	29.06 0.90 0.00	30.42 0.83 0.00	29.92 0.76 0.00	29.54 0.75 0.00	31.12 0.82 0.00	31.00 0.73 0.00	32.91 0.71 0.00	35.61 0.83 0.00	38.51 1.09 0.00	40.71 0.99 0.00	46.55 1.18 0.00	55.53 1.25 0.00	59.66 1.62 0.00	58.65 1.54 0.00	52.37 1.33 0.00	46.21 1.17 0.00	40.08 0.90 0.00
MAPLE_RIDGE_WT_1 323574	36.77 -1.02 0.00	32.76 -0.91 0.00	31.22 -0.83 0.00	29.78 -0.76 0.00	29.47 -0.69 0.00	29.91 -0.67 0.00	28.42 -0.64 0.00	27.57 -0.59 0.00	29.00 -0.59 0.00	28.61 -0.56 0.00	28.24 -0.55 0.00	29.73 -0.58 0.00	29.67 -0.61 0.00	31.56 -0.64 0.00	34.04 -0.73 0.00	36.63 -0.79 0.00	38.92 -0.79 0.00	44.51 -0.86 0.00	53.41 -0.87 0.00	57.22 -0.81 0.00	56.37 -0.74 0.00	50.48 -0.56 0.00	44.59 -0.45 0.00	38.86 -0.31 0.00
MAPLE_RIDGE_WT_2 323611	36.77 -1.02 0.00	32.76 -0.91 0.00	31.22 -0.83 0.00	29.78 -0.76 0.00	29.47 -0.69 0.00	29.91 -0.67 0.00	28.42 -0.64 0.00	27.57 -0.59 0.00	29.00 -0.59 0.00	28.61 -0.56 0.00	28.24 -0.55 0.00	29.73 -0.58 0.00	29.67 -0.61 0.00	31.56 -0.64 0.00	34.04 -0.73 0.00	36.63 -0.79 0.00	38.92 -0.79 0.00	44.51 -0.86 0.00	53.41 -0.87 0.00	57.22 -0.81 0.00	56.37 -0.74 0.00	50.48 -0.56 0.00	44.59 -0.45 0.00	38.86 -0.31 0.00
MARBLE_RIVER_WT_PWR 323696	37.15 -0.64 0.00	33.10 -0.57 0.00	31.54 -0.51 0.00	30.11 -0.43 0.00	29.71 -0.45 0.00	30.13 -0.46 0.00	28.51 -0.55 0.00	27.60 -0.56 0.00	29.09 -0.50 0.00	28.70 -0.47 0.00	28.36 -0.43 0.00	29.85 -0.45 0.00	29.85 -0.42 0.00	31.78 -0.42 0.00	34.39 -0.38 0.00	37.12 -0.30 0.00	39.56 -0.16 0.00	45.05 -0.32 0.00	54.11 -0.16 0.00	57.92 -0.12 0.00	56.88 -0.23 0.00	51.09 0.05 0.00	45.09 0.05 0.00	39.49 0.31 0.00
MARSHVLE_115KV_TB1 80742	39.69 1.93 0.03	35.42 1.75 0.00	33.65 1.60 0.01	31.98 1.47 0.02	31.64 1.48 0.01	32.01 1.44 0.02	30.27 1.22 0.01	29.15 0.99 0.00	30.22 0.62 0.00	29.60 0.44 0.00	29.05 0.26 0.00	30.49 0.18 0.00	30.22 -0.06 0.00	32.04 -0.16 0.00	34.63 -0.14 0.00	37.38 -0.04 0.00	39.88 0.16 0.00	45.96 0.59 0.00	56.12 1.85 0.00	61.11 3.08 0.00	60.42 3.31 0.00	53.90 2.86 0.00	47.47 2.43 0.00	41.17 2.00 0.00
MARSH_HILL_WT_PWR 323713	66.96 -3.67 -32.84	59.94 -3.23 -29.50	57.96 -3.11 -29.01	41.66 -2.93 -14.06	33.77 -2.87 -6.48	30.84 -2.84 -3.09	32.17 -2.85 -5.95	37.02 -2.65 -11.51	45.61 -2.81 -18.83	30.18 -2.92 -3.93	30.41 -3.08 -4.70	41.55 -3.15 -14.40	37.62 -2.97 -10.31	58.67 -2.93 -29.40	62.70 -3.34 -31.27	66.99 -3.67 -33.24	70.74 -3.54 -34.55	57.39 -3.63 -15.66	70.98 -3.91 -20.61	66.06 -3.37 -11.39	59.87 -2.17 -4.93	52.38 -2.14 -3.48	44.92 -2.21 -2.08	37.22 -1.96 0.00
MCINTYRE_115KV_TB2 80467	37.91 0.11 0.00	33.81 0.13 0.00	32.15 0.10 0.00	30.69 0.15 0.00	30.32 0.15 0.00	30.80 0.21 0.00	29.09 0.03 0.00	28.02 -0.14 0.00	29.36 -0.24 0.00	28.85 -0.32 0.00	28.42 -0.37 0.00	29.85 -0.45 0.00	29.79 -0.48 0.00	31.75 -0.45 0.00	34.29 -0.49 0.00	37.01 -0.41 0.00	39.48 -0.24 0.00	44.96 -0.41 0.00	54.22 -0.05 0.00	58.09 0.06 0.00	57.28 0.17 0.00	51.65 0.61 0.00	45.54 0.50 0.00	39.88 0.71 0.00
MECO____69_KV_BK1 80468	40.11 2.34 0.03	35.83 2.15 0.00	34.03 1.99 0.01	32.32 1.80 0.02	32.00 1.84 0.00	32.34 1.77 0.02	30.59 1.54 0.01	29.37 1.21 0.00	30.42 0.83 0.00	29.75 0.58 0.00	29.17 0.37 0.00	30.61 0.30 0.00	30.34 0.06 0.00	32.14 -0.06 0.00	34.81 0.03 0.00	37.65 0.22 0.00	40.19 0.48 0.00	46.46 1.09 0.00	56.61 2.33 0.00	61.86 3.83 0.00	61.28 4.17 0.00	54.66 3.62 0.00	48.06 3.02 0.00	41.68 2.51 0.00

MENANDS__115KV_TB5 355628	38.96 1.17 0.00	34.68 1.01 0.00	33.18 1.12 0.00	31.55 1.01 0.00	31.19 1.03 0.00	31.59 1.01 0.00	30.08 1.02 0.00	28.95 0.79 0.00	30.30 0.71 0.00	29.84 0.67 0.00	29.45 0.66 0.00	31.03 0.73 0.00	30.91 0.64 0.00	32.81 0.61 0.00	35.50 0.73 0.00	38.39 0.97 0.00	40.55 0.83 0.00	46.32 0.95 0.00	55.20 0.92 0.00	59.20 1.16 0.00	58.20 1.09 0.00	51.96 0.92 0.00	45.90 0.86 0.00	39.76 0.59 0.00
MG INDUSTRY__DRP 24185	38.93 1.13 0.00	34.72 1.04 0.00	33.14 1.09 0.00	31.55 1.01 0.00	31.19 1.03 0.00	31.56 0.98 0.00	29.99 0.93 0.00	28.84 0.68 0.00	30.16 0.56 0.00	29.66 0.50 0.00	29.28 0.49 0.00	30.79 0.48 0.00	30.70 0.42 0.00	32.62 0.42 0.00	35.29 0.52 0.00	38.13 0.71 0.00	40.43 0.71 0.00	46.23 0.86 0.00	55.31 1.03 0.00	59.37 1.33 0.00	58.42 1.31 0.00	52.16 1.12 0.00	46.08 1.04 0.00	40.00 0.82 0.00
MID__OSWEGATCHIE_HYD 23849	36.92 -0.87 0.00	32.93 -0.74 0.00	31.35 -0.71 0.00	29.90 -0.64 0.00	29.53 -0.63 0.00	30.07 -0.52 0.00	28.39 -0.67 0.00	27.43 -0.73 0.00	28.71 -0.89 0.00	28.23 -0.93 0.00	27.75 -1.04 0.00	29.15 -1.15 0.00	29.10 -1.18 0.00	31.01 -1.19 0.00	33.42 -1.36 0.00	35.96 -1.46 0.00	38.37 -1.35 0.00	43.78 -1.59 0.00	52.97 -1.30 0.00	56.70 -1.33 0.00	55.97 -1.14 0.00	50.43 -0.61 0.00	44.46 -0.59 0.00	38.86 -0.31 0.00
MID__RAQUETTE_HYD 23851	37.15 -0.64 0.00	33.10 -0.57 0.00	31.51 -0.54 0.00	30.08 -0.46 0.00	29.71 -0.45 0.00	30.19 -0.40 0.00	28.54 -0.52 0.00	27.57 -0.59 0.00	28.94 -0.65 0.00	28.50 -0.67 0.00	28.07 -0.72 0.00	29.46 -0.85 0.00	29.43 -0.85 0.00	31.33 -0.87 0.00	33.83 -0.94 0.00	36.49 -0.94 0.00	38.92 -0.79 0.00	44.28 -1.09 0.00	53.25 -1.03 0.00	56.99 -1.04 0.00	56.14 -0.97 0.00	50.58 -0.46 0.00	44.64 -0.41 0.00	39.10 -0.08 0.00
MILLIKEN__1 23584	39.92 -0.04 -2.16	35.68 0.00 -2.01	33.94 -0.06 -1.95	31.39 -0.06 -0.91	31.03 -0.06 -0.93	30.73 -0.03 -0.17	29.25 -0.20 -0.39	28.80 -0.14 -0.78	30.73 -0.15 -1.28	29.23 -0.20 -0.27	28.79 -0.32 -0.32	30.89 -0.39 -0.98	30.61 -0.36 -0.70	33.91 -0.29 -2.00	36.52 -0.38 -2.13	39.16 -0.52 -2.26	41.51 -0.48 -2.27	45.81 -0.41 -0.84	55.14 -0.16 -1.03	58.41 0.06 -0.31	57.46 0.34 -0.01	51.16 0.20 0.08	45.04 0.05 0.05	39.25 0.08 0.00
MILLIKEN__2 23585	39.92 -0.04 -2.16	35.68 0.00 -2.01	33.94 -0.06 -1.95	31.39 -0.06 -0.91	31.03 -0.06 -0.93	30.73 -0.03 -0.17	29.25 -0.20 -0.39	28.80 -0.14 -0.78	30.73 -0.15 -1.28	29.23 -0.20 -0.27	28.79 -0.32 -0.32	30.89 -0.39 -0.98	30.61 -0.36 -0.70	33.91 -0.29 -2.00	36.52 -0.38 -2.13	39.16 -0.52 -2.26	41.51 -0.48 -2.27	45.81 -0.41 -0.84	55.14 -0.16 -1.03	58.41 0.06 -0.31	57.46 0.34 -0.01	51.16 0.20 0.08	45.04 0.05 0.05	39.25 0.08 0.00
MILLIKEN__DIESEL 23629	39.92 -0.04 -2.16	35.68 0.00 -2.01	33.94 -0.06 -1.95	31.39 -0.06 -0.91	31.03 -0.06 -0.93	30.73 -0.03 -0.17	29.25 -0.20 -0.39	28.80 -0.14 -0.78	30.73 -0.15 -1.28	29.23 -0.20 -0.27	28.79 -0.32 -0.32	30.89 -0.39 -0.98	30.61 -0.36 -0.70	33.91 -0.29 -2.00	36.52 -0.38 -2.13	39.16 -0.52 -2.26	41.51 -0.48 -2.27	45.81 -0.41 -0.84	55.14 -0.16 -1.03	58.41 0.06 -0.31	57.46 0.34 -0.01	51.16 0.20 0.08	45.04 0.05 0.05	39.25 0.08 0.00
MILLSEAT__LFGE 323607	27.88 -3.93 5.98	25.62 -3.47 4.58	23.87 -3.40 4.78	24.47 -3.30 2.77	24.78 -3.50 1.89	26.07 -3.61 0.90	24.32 -3.60 1.13	23.54 -2.79 1.84	23.83 -2.75 3.01	25.80 -2.74 0.63	25.19 -2.85 0.75	25.00 -3.00 2.30	25.69 -2.94 1.65	24.42 -3.09 4.70	26.27 -3.51 4.99	28.26 -4.00 5.16	29.69 -4.13 5.89	36.76 -4.72 3.89	42.91 -5.70 5.67	47.17 -6.09 4.77	48.40 -5.31 3.41	43.34 -5.10 2.60	39.13 -4.37 1.54	35.49 -3.68 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.96 2.19 0.03	35.52 1.85 0.00	33.81 1.76 0.01	32.14 1.62 0.02	31.70 1.54 0.00	32.01 1.44 0.02	30.71 1.66 0.01	29.82 1.66 0.00	31.40 1.81 0.00	31.00 1.84 0.00	30.78 1.99 0.00	32.37 2.06 0.00	32.40 2.12 0.00	34.42 2.22 0.00	37.17 2.40 0.00	40.26 2.84 0.00	43.01 3.30 0.00	49.09 3.72 0.00	58.46 4.18 0.00	62.16 4.12 0.00	60.65 3.54 0.00	53.95 2.91 0.00	47.56 2.52 0.00	41.13 1.96 0.00
MILLWOOD_13_KV_LOAD 356217	40.03 2.27 0.03	35.59 1.92 0.00	33.87 1.83 0.01	32.20 1.68 0.02	31.76 1.60 0.00	32.07 1.50 0.02	30.77 1.71 0.01	29.85 1.69 0.00	31.46 1.86 0.00	31.03 1.87 0.00	30.81 2.02 0.00	32.40 2.09 0.00	32.46 2.18 0.00	34.49 2.29 0.00	37.21 2.43 0.00	40.30 2.88 0.00	43.05 3.34 0.00	49.18 3.81 0.00	58.62 4.34 0.00	62.33 4.29 0.00	60.82 3.71 0.00	54.05 3.01 0.00	47.65 2.61 0.00	41.21 2.04 0.00
MODEL_CITY_ENERGY 24167	25.27 -5.03 7.50	23.65 -4.41 5.61	21.81 -4.33 5.92	22.81 -4.21 3.51	23.53 -4.58 2.05	24.58 -4.83 1.18	23.04 -4.59 1.43	22.36 -3.52 2.29	22.39 -3.46 3.74	25.00 -3.38 0.78	24.43 -3.43 0.93	23.81 -3.64 2.86	24.66 -3.57 2.05	22.60 -3.77 5.84	24.32 -4.24 6.21	26.38 -4.72 6.32	27.68 -4.93 7.11	35.02 -5.85 4.50	40.37 -7.43 6.47	44.57 -8.24 5.22	45.97 -7.54 3.60	41.20 -7.09 2.75	37.38 -6.03 1.63	34.12 -5.05 0.00
MODERN_LFGE__ 323580	25.27 -5.03 7.50	23.65 -4.41 5.61	21.81 -4.33 5.92	22.81 -4.21 3.51	23.53 -4.58 2.05	24.58 -4.83 1.18	23.04 -4.59 1.43	22.36 -3.52 2.29	22.39 -3.46 3.74	25.00 -3.38 0.78	24.43 -3.43 0.93	23.81 -3.64 2.86	24.66 -3.57 2.05	22.60 -3.77 5.84	24.32 -4.24 6.21	26.38 -4.72 6.32	27.68 -4.93 7.11	35.02 -5.85 4.50	40.37 -7.43 6.47	44.57 -8.24 5.22	45.97 -7.54 3.60	41.20 -7.09 2.75	37.38 -6.03 1.63	34.12 -5.05 0.00
MOHAWK_PAPER__DRP 24187	39.15 1.36 0.00	34.88 1.21 0.00	33.30 1.25 0.00	31.67 1.13 0.00	31.34 1.18 0.00	31.72 1.13 0.00	30.19 1.13 0.00	29.06 0.90 0.00	30.42 0.83 0.00	29.92 0.76 0.00	29.54 0.75 0.00	31.12 0.82 0.00	31.00 0.73 0.00	32.91 0.71 0.00	35.61 0.83 0.00	38.51 1.09 0.00	40.71 0.99 0.00	46.55 1.18 0.00	55.53 1.25 0.00	59.66 1.62 0.00	58.65 1.54 0.00	52.37 1.33 0.00	46.21 1.17 0.00	40.08 0.90 0.00
MOHICAN__35_KV_115KV_LD 80490	40.55 2.76 0.00	36.16 2.49 0.00	34.39 2.34 0.00	32.64 2.11 0.00	32.34 2.17 0.00	32.70 2.11 0.00	31.07 2.01 0.00	29.88 1.72 0.00	31.16 1.57 0.00	30.54 1.37 0.00	29.80 1.01 0.00	31.34 1.03 0.00	30.91 0.64 0.00	32.72 0.52 0.00	35.54 0.77 0.00	38.54 1.12 0.00	41.31 1.59 0.00	47.55 2.18 0.00	57.48 3.20 0.00	62.56 4.53 0.00	61.85 4.74 0.00	55.17 4.13 0.00	48.51 3.47 0.00	42.00 2.82 0.00
MONGAUP__HYD 23641	39.73 1.96 0.03	35.32 1.65 0.00	33.61 1.57 0.01	31.95 1.44 0.02	31.55 1.39 0.00	31.85 1.28 0.02	30.45 1.39 0.01	29.43 1.27 0.00	30.89 1.30 0.00	30.39 1.22 0.00	30.12 1.33 0.00	31.67 1.36 0.00	31.70 1.42 0.00	33.72 1.51 0.00	36.44 1.67 0.00	39.55 2.13 0.00	42.18 2.46 0.00	48.32 2.95 0.00	57.91 3.64 0.00	61.80 3.77 0.00	60.48 3.37 0.00	53.79 2.75 0.00	47.38 2.34 0.00	40.94 1.76 0.00

MONTAUK___DIESEL 23721	40.75 2.99 0.03	36.20 2.53 0.00	34.16 2.12 0.01	32.26 1.74 0.02	31.64 1.48 0.00	31.67 1.10 0.01	30.94 1.89 0.01	30.22 2.06 0.00	31.96 2.37 0.00	31.91 2.74 0.00	35.87 2.79 -4.29	40.75 2.85 -7.60	42.79 2.88 -9.64	45.80 2.93 -10.67	46.30 3.09 -8.43	48.84 3.93 -7.49	50.92 4.69 -6.51	56.28 5.13 -5.78	61.40 6.02 -1.10	64.55 5.63 -0.89	61.67 4.57 0.01	54.76 3.73 0.00	48.15 3.11 0.00	42.04 2.86 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.28 -4.04 9.47	22.65 -3.57 7.45	20.93 -3.43 7.70	23.00 -3.21 4.33	24.71 -3.32 2.14	25.90 -3.30 1.38	24.09 -3.20 1.78	22.54 -2.70 2.92	22.18 -2.63 4.78	25.49 -2.68 1.00	24.78 -2.82 1.19	23.65 -3.00 3.66	24.69 -2.97 2.62	21.65 -3.09 7.46	23.43 -3.41 7.94	25.32 -3.70 8.39	27.07 -3.42 9.23	36.51 -3.63 5.23	42.68 -4.18 7.42	48.14 -4.24 5.66	49.51 -3.88 3.72	44.47 -3.73 2.84	39.57 -3.78 1.68	36.04 -3.13 0.00
MORRIS_RIDGE___SOLAR 323848	-0.85 -3.29 35.35	0.02 -2.90 30.76	-1.37 -2.82 30.60	12.48 -2.66 15.40	21.54 -2.68 5.94	24.10 -2.69 3.79	19.89 -2.70 6.47	13.64 -2.51 12.01	7.31 -2.63 19.65	22.36 -2.71 4.10	21.07 -2.82 4.90	12.34 -2.94 15.03	16.67 -2.85 10.76	-1.35 -2.87 30.68	-1.09 -3.23 32.63	-0.79 -3.56 34.66	-0.50 -3.54 36.69	23.55 -3.81 18.01	25.55 -4.34 24.38	38.42 -4.12 15.50	45.75 -3.20 8.17	41.84 -3.06 6.14	38.45 -2.93 3.66	36.71 -2.47 0.00
MORTIMER_115KV_TB3 55949	34.99 -2.87 -0.07	31.13 -2.56 -0.01	29.59 -2.50 -0.03	28.20 -2.38 -0.04	26.65 -2.32 1.20	28.30 -2.32 -0.03	26.69 -2.38 -0.02	26.13 -2.03 0.00	27.61 -1.98 0.00	27.24 -1.92 0.00	26.83 -1.96 0.00	28.24 -2.06 0.00	28.28 -2.00 0.00	30.11 -2.09 0.00	32.37 -2.40 0.00	34.41 -3.03 -0.02	36.13 -3.10 0.49	40.53 -3.45 1.39	47.96 -3.96 2.35	51.06 -4.12 2.86	50.77 -3.77 2.57	45.71 -3.37 1.96	41.14 -2.75 1.16	36.94 -2.23 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.26 2.49 0.03	35.76 2.09 0.00	34.03 1.99 0.01	32.32 1.80 0.02	31.91 1.75 0.00	32.16 1.59 0.01	30.91 1.86 0.01	30.05 1.89 0.00	31.69 2.10 0.00	31.30 2.13 0.00	31.09 2.30 0.00	32.70 2.39 0.00	32.76 2.48 0.00	34.78 2.58 0.00	37.55 2.78 0.00	40.68 3.26 0.00	43.18 3.73 0.27	49.59 4.22 0.00	59.05 4.78 0.00	62.74 4.70 0.00	61.17 4.05 0.00	54.36 3.32 0.00	47.92 2.88 0.00	41.41 2.23 0.00
MUNSVILLE_WIND_PWR 323609	40.05 0.79 -1.46	35.90 0.81 -1.43	34.09 0.67 -1.36	31.78 0.64 -0.60	31.39 0.60 -0.62	31.46 0.79 -0.08	29.58 0.26 -0.26	29.06 0.34 -0.56	30.59 0.09 -0.91	29.36 0.00 -0.19	28.76 -0.26 -0.23	30.64 -0.36 -0.70	30.29 -0.49 -0.50	33.27 -0.35 -1.42	35.87 -0.42 -1.51	38.50 -0.52 -1.61	41.09 -0.20 -1.58	45.97 0.09 -0.51	55.87 1.03 -0.57	59.44 1.39 -0.02	58.71 1.77 0.17	52.47 1.63 0.20	46.09 1.17 0.12	40.23 1.06 0.00
N SALMON___HYD 24042	37.34 -0.45 0.00	33.27 -0.40 0.00	31.70 -0.35 0.00	30.26 -0.28 0.00	29.86 -0.30 0.00	30.31 -0.28 0.00	28.65 -0.41 0.00	27.74 -0.42 0.00	29.21 -0.39 0.00	28.82 -0.35 0.00	28.45 -0.34 0.00	29.97 -0.33 0.00	29.94 -0.33 0.00	31.91 -0.29 0.00	34.49 -0.28 0.00	37.23 -0.19 0.00	39.72 0.00 0.00	45.19 -0.18 0.00	54.39 0.11 0.00	58.27 0.23 0.00	57.28 0.17 0.00	51.50 0.46 0.00	45.40 0.36 0.00	39.80 0.62 0.00
N.AKRON__115KV_KNAPP 355671	27.57 -4.01 6.22	25.34 -3.57 4.76	23.59 -3.49 4.97	24.29 -3.36 2.89	24.66 -3.59 1.92	25.94 -3.70 0.94	24.22 -3.66 1.18	23.41 -2.84 1.91	23.69 -2.78 3.13	25.74 -2.77 0.65	25.13 -2.88 0.78	24.88 -3.03 2.39	25.60 -2.97 1.71	24.20 -3.12 4.88	26.04 -3.55 5.19	27.83 -4.23 5.36	29.40 -4.21 6.11	36.57 -4.81 3.99	42.72 -5.75 5.80	46.98 -6.21 4.84	47.96 -5.71 3.44	43.16 -5.26 2.62	38.98 -4.50 1.55	35.53 -3.64 0.00
N.BELMOR_69_KV_BK1 55787	40.86 3.10 0.03	36.23 2.56 0.00	34.32 2.28 0.01	32.50 1.98 0.02	31.97 1.81 0.00	32.13 1.56 0.01	31.09 2.03 0.01	30.22 2.06 0.00	31.90 2.31 0.00	31.67 2.51 0.00	35.79 2.71 -4.29	40.72 2.82 -7.60	42.79 2.88 -9.64	50.62 2.99 -15.43	57.40 3.27 -19.36	58.37 3.74 -17.20	61.14 4.29 -17.13	62.62 4.81 -12.44	66.07 5.59 -6.20	68.47 5.40 -5.04	61.98 4.85 -0.01	55.08 4.03 -0.01	48.15 3.11 0.00	41.92 2.74 0.00
N.E._GEN_SANDY PD 24062	39.45 1.66 0.00	35.02 1.35 0.00	33.40 1.35 0.00	31.79 1.25 0.00	31.43 1.27 0.00	31.87 1.28 0.00	30.45 1.37 -0.02	29.40 1.24 0.00	30.78 1.18 0.00	30.36 1.20 0.00	30.00 1.21 0.00	31.61 1.30 0.00	31.58 1.30 0.00	33.46 1.25 0.00	36.17 1.39 0.00	39.14 1.72 0.00	41.74 1.63 -0.40	46.88 1.91 0.40	56.18 1.90 0.00	59.89 1.86 0.00	58.94 1.83 0.00	52.57 1.53 0.00	46.53 1.48 0.00	40.00 0.82 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.92 2.15 0.03	35.46 1.78 0.00	33.74 1.70 0.01	32.07 1.56 0.02	31.64 1.48 0.00	31.95 1.38 0.02	30.65 1.60 0.01	29.74 1.58 0.00	31.34 1.75 0.00	30.92 1.75 0.00	30.69 1.90 0.00	32.27 1.97 0.00	32.30 2.03 0.00	34.36 2.16 0.00	37.10 2.33 0.00	40.19 2.77 0.00	42.93 3.22 0.00	49.00 3.63 0.00	58.40 4.13 0.00	62.10 4.06 0.00	60.59 3.48 0.00	53.90 2.86 0.00	47.52 2.48 0.00	41.10 1.92 0.00
N.QUEENS_27_KV_LOAD 356247	40.57 2.80 0.02	35.97 2.29 -0.01	34.20 2.15 0.00	32.48 1.95 0.01	32.07 1.90 0.00	32.34 1.77 0.01	31.00 1.95 0.01	30.13 1.97 0.00	31.78 2.19 0.00	31.41 2.25 0.00	31.21 2.42 0.00	32.88 2.58 0.00	32.94 2.66 0.00	34.88 2.67 0.00	37.59 2.82 0.00	40.75 3.33 0.00	44.17 3.89 -0.56	49.86 4.49 0.00	59.16 4.88 0.00	62.85 4.82 0.00	61.22 4.11 0.00	54.36 3.32 0.00	47.97 2.93 0.00	41.57 2.39 0.00
N.TROY___115KV_TB1 355778	39.34 1.55 0.00	35.02 1.35 0.00	33.37 1.31 0.00	31.73 1.19 0.00	31.40 1.24 0.00	31.84 1.25 0.00	30.31 1.25 0.00	29.23 1.07 0.00	30.57 0.98 0.00	30.10 0.93 0.00	29.65 0.86 0.00	31.24 0.94 0.00	31.12 0.85 0.00	32.98 0.77 0.00	35.71 0.94 0.00	38.62 1.20 0.00	40.83 1.11 0.00	46.73 1.36 0.00	55.80 1.52 0.00	59.89 1.86 0.00	58.94 1.83 0.00	52.67 1.63 0.00	46.48 1.44 0.00	40.19 1.02 0.00
NARROWS_GT1_1 24228	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.29 4.01 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.14 5.11 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
NARROWS_GT1_2 24229	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.29 4.01 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.14 5.11 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01

NARROWS_GT1_3 24230	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.29 4.01 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.14 5.11 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
NARROWS_GT1_4 24231	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.29 4.01 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.14 5.11 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
NARROWS_GT1_5 24232	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.29 4.01 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.14 5.11 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
NARROWS_GT1_6 24233	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.29 4.01 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.14 5.11 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
NARROWS_GT1_7 24234	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.29 4.01 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.14 5.11 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
NARROWS_GT1_8 24235	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.29 4.01 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.14 5.11 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
NARROWS_GT2_1 24236	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.29 4.01 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.14 5.11 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
NARROWS_GT2_2 24237	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.29 4.01 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.14 5.11 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
NARROWS_GT2_3 24238	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.29 4.01 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.14 5.11 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
NARROWS_GT2_4 24239	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.29 4.01 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.14 5.11 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
NARROWS_GT2_5 24240	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.29 4.01 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.14 5.11 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
NARROWS_GT2_6 24241	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.29 4.01 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.14 5.11 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
NARROWS_GT2_7 24242	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.29 4.01 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.14 5.11 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
NARROWS_GT2_8 24243	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.29 4.01 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.14 5.11 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.61 1.81 0.00	35.25 1.58 0.00	33.69 1.63 0.00	32.00 1.47 0.00	31.67 1.51 0.00	31.99 1.41 0.00	30.40 1.34 0.00	29.06 0.90 0.00	30.30 0.71 0.00	29.66 0.50 0.00	29.25 0.46 0.00	30.79 0.48 0.00	30.70 0.42 0.00	32.59 0.39 0.00	35.33 0.56 0.00	38.32 0.90 0.00	40.71 0.99 0.00	46.78 1.41 0.00	56.01 1.74 0.00	60.36 2.32 0.00	59.40 2.28 0.00	53.03 1.99 0.00	46.80 1.76 0.00	40.59 1.41 0.00

NCHELSEA_115KV_TR2 355582	40.18 2.42 0.03	35.69 2.02 0.00	34.00 1.96 0.01	32.29 1.77 0.02	31.88 1.72 0.00	32.19 1.62 0.01	30.83 1.77 0.01	29.85 1.69 0.00	31.40 1.81 0.00	30.89 1.72 0.00	30.63 1.84 0.00	32.24 1.94 0.00	32.27 2.00 0.00	34.30 2.09 0.00	37.07 2.30 0.00	40.23 2.81 0.00	43.01 3.30 0.00	49.18 3.81 0.00	58.57 4.29 0.00	62.39 4.35 0.00	60.94 3.83 0.00	54.20 3.16 0.00	47.74 2.70 0.00	41.29 2.12 0.00
NEG CAPITAL___MECHNVIL 23645	39.83 2.04 0.00	35.49 1.82 0.00	33.82 1.76 0.00	32.12 1.59 0.00	31.79 1.63 0.00	32.17 1.59 0.00	30.60 1.54 0.00	29.51 1.35 0.00	30.81 1.21 0.00	30.27 1.11 0.00	29.77 0.98 0.00	31.34 1.03 0.00	31.12 0.85 0.00	33.01 0.81 0.00	35.78 1.01 0.00	38.77 1.35 0.00	41.15 1.43 0.00	47.19 1.82 0.00	56.56 2.28 0.00	60.99 2.96 0.00	60.19 3.08 0.00	53.74 2.70 0.00	47.38 2.34 0.00	40.94 1.76 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.92 -2.99 -0.11	31.01 -2.66 0.00	29.49 -2.60 -0.03	28.17 -2.44 -0.07	26.26 -2.41 1.49	28.26 -2.39 -0.06	26.65 -2.44 -0.03	25.99 -2.17 0.00	27.49 -2.10 0.00	27.12 -2.04 0.00	26.69 -2.10 0.00	28.06 -2.24 0.00	28.10 -2.18 0.00	29.95 -2.26 0.00	32.16 -2.61 0.00	34.28 -3.14 0.00	35.97 -3.30 0.45	40.50 -3.63 1.24	47.94 -4.23 2.10	51.07 -4.41 2.55	51.05 -3.71 2.35	45.71 -3.57 1.75	41.03 -2.97 1.03	36.67 -2.51 0.00
NEG CENTRAL___DRP 24199	39.53 -0.94 -2.68	35.21 -0.84 -2.38	33.54 -0.87 -2.35	30.87 -0.82 -1.16	34.47 -0.81 -5.12	30.09 -0.76 -0.27	28.65 -0.90 -0.49	28.30 -0.79 -0.93	30.34 -0.77 -1.52	28.70 -0.79 -0.32	28.28 -0.89 -0.38	30.53 -0.94 -1.16	30.20 -0.91 -0.83	33.74 -0.84 -2.37	36.29 -1.01 -2.52	38.79 -1.31 -2.68	41.05 -1.31 -2.64	44.91 -1.32 -0.86	53.73 -1.52 -0.98	56.73 -1.39 -0.09	56.41 -0.97 -0.27	49.90 -0.87 0.28	44.06 -0.81 0.17	38.51 -0.67 0.00
NEG CENTRAL___INDECK 23768	63.44 -1.89 -27.54	56.67 -1.68 -24.68	54.68 -1.67 -24.29	40.78 -1.56 -11.80	33.30 -1.51 -4.64	31.77 -1.44 -2.62	32.34 -1.71 -4.99	36.21 -1.58 -9.63	43.60 -1.75 -15.75	30.50 -1.95 -3.29	30.53 -2.19 -3.93	40.02 -2.33 -12.04	36.69 -2.21 -8.62	54.60 -2.19 -24.59	58.39 -2.54 -26.15	62.31 -2.92 -27.81	65.62 -2.86 -28.76	55.16 -2.90 -12.69	68.01 -2.82 -16.56	64.60 -2.15 -8.71	59.41 -1.03 -3.33	52.21 -1.17 -2.34	45.33 -1.12 -1.41	38.20 -0.98 0.00
NEG CENTRAL___SENECA 23627	40.81 -1.25 -4.27	36.35 -1.11 -3.79	34.67 -1.12 -3.74	31.31 -1.07 -1.84	37.52 -1.06 -8.41	30.00 -1.01 -0.42	28.67 -1.16 -0.78	28.63 -1.01 -1.48	31.01 -1.01 -2.42	28.62 -1.05 -0.50	28.21 -1.18 -0.60	30.91 -1.24 -1.85	30.42 -1.18 -1.32	34.85 -1.13 -3.78	37.47 -1.32 -4.02	40.04 -1.65 -4.27	42.26 -1.63 -4.17	45.02 -1.63 -1.28	53.73 -1.95 -1.41	56.14 -1.86 0.04	56.16 -1.26 -0.31	49.41 -1.07 0.56	43.71 -0.99 0.34	38.35 -0.82 0.00
NEG CENTRAL___STATE_STREET 24147	38.30 -0.57 -1.08	34.12 -0.51 -0.95	32.48 -0.51 -0.94	30.51 -0.49 -0.46	31.01 -0.48 -1.32	30.23 -0.46 -0.11	28.68 -0.58 -0.20	28.06 -0.48 -0.37	29.70 -0.50 -0.61	28.77 -0.52 -0.13	28.37 -0.58 -0.15	30.16 -0.61 -0.47	30.03 -0.58 -0.33	32.64 -0.52 -0.95	35.12 -0.66 -1.01	37.60 -0.90 -1.07	39.93 -0.91 -1.13	44.99 -0.91 -0.53	54.12 -0.87 -0.71	57.76 -0.70 -0.42	57.06 -0.40 -0.35	50.73 -0.46 -0.15	44.63 -0.50 -0.09	38.78 -0.39 0.00
NEG MILLWOOD___DRP 24198	40.26 2.49 0.03	35.76 2.09 0.00	34.06 2.02 0.01	32.38 1.86 0.02	31.94 1.78 0.00	32.25 1.68 0.01	30.91 1.86 0.01	29.94 1.77 0.00	31.52 1.92 0.00	31.03 1.87 0.00	30.78 1.99 0.00	32.40 2.09 0.00	32.43 2.15 0.00	34.49 2.29 0.00	37.24 2.47 0.00	40.38 2.96 0.00	43.17 3.46 0.00	49.41 4.04 0.00	58.84 4.56 0.00	62.62 4.58 0.00	61.17 4.05 0.00	54.36 3.32 0.00	47.88 2.84 0.00	41.45 2.27 0.00
NEG NORTH_FLCN_SEA 23793	37.49 -0.30 0.00	33.40 -0.27 0.00	31.83 -0.22 0.00	30.38 -0.15 0.00	29.98 -0.18 0.00	30.40 -0.18 0.00	28.74 -0.32 0.00	27.85 -0.31 0.00	29.36 -0.24 0.00	28.96 -0.20 0.00	28.59 -0.20 0.00	30.12 -0.18 0.00	30.12 -0.15 0.00	32.11 -0.10 0.00	34.74 -0.03 0.00	37.50 0.07 0.00	39.96 0.24 0.00	45.51 0.14 0.00	54.66 0.38 0.00	58.56 0.52 0.00	57.51 0.40 0.00	51.65 0.61 0.00	45.63 0.59 0.00	39.96 0.78 0.00
NEG NORTH_KES_CHATEGAY 23792	37.15 -0.64 0.00	33.10 -0.57 0.00	31.54 -0.51 0.00	30.11 -0.43 0.00	29.74 -0.42 0.00	30.13 -0.46 0.00	28.51 -0.55 0.00	27.60 -0.56 0.00	29.03 -0.56 0.00	28.64 -0.52 0.00	28.30 -0.49 0.00	29.82 -0.48 0.00	29.79 -0.48 0.00	31.72 -0.48 0.00	34.36 -0.42 0.00	37.08 -0.34 0.00	39.52 -0.20 0.00	45.05 -0.32 0.00	54.17 -0.11 0.00	58.03 0.00 0.00	57.00 -0.11 0.00	51.19 0.15 0.00	45.18 0.14 0.00	39.61 0.43 0.00
NEG NORTH___ALICE_FALLS 23915	37.57 -0.23 0.00	33.47 -0.20 0.00	31.86 -0.19 0.00	30.42 -0.12 0.00	30.04 -0.12 0.00	30.46 -0.12 0.00	28.80 -0.26 0.00	27.85 -0.31 0.00	29.36 -0.24 0.00	28.96 -0.20 0.00	28.62 -0.17 0.00	30.15 -0.15 0.00	30.12 -0.15 0.00	32.14 -0.06 0.00	34.74 -0.03 0.00	37.53 0.11 0.00	40.04 0.32 0.00	45.55 0.18 0.00	54.77 0.49 0.00	58.73 0.70 0.00	57.68 0.57 0.00	51.81 0.77 0.00	45.72 0.68 0.00	40.12 0.94 0.00
NEG NORTH___LWR_SARANAC 23913	37.57 -0.23 0.00	33.47 -0.20 0.00	31.86 -0.19 0.00	30.42 -0.12 0.00	30.04 -0.12 0.00	30.46 -0.12 0.00	28.80 -0.26 0.00	27.85 -0.31 0.00	29.36 -0.24 0.00	28.96 -0.20 0.00	28.62 -0.17 0.00	30.15 -0.15 0.00	30.12 -0.15 0.00	32.14 -0.06 0.00	34.74 -0.03 0.00	37.53 0.11 0.00	40.04 0.32 0.00	45.55 0.18 0.00	54.77 0.49 0.00	58.73 0.70 0.00	57.68 0.57 0.00	51.81 0.77 0.00	45.72 0.68 0.00	40.12 0.94 0.00
NEG NORTH___PLATTSBURG 23628	37.57 -0.23 0.00	33.47 -0.20 0.00	31.86 -0.19 0.00	30.42 -0.12 0.00	30.05 -0.12 0.00	30.46 -0.12 0.00	28.80 -0.26 0.00	27.85 -0.31 0.00	29.36 -0.24 0.00	28.96 -0.20 0.00	28.62 -0.17 0.00	30.15 -0.15 0.00	30.13 -0.15 0.00	32.14 -0.06 0.00	34.74 -0.03 0.00	37.53 0.11 0.00	40.03 0.32 0.00	45.55 0.18 0.00	54.82 0.54 0.00	58.73 0.70 0.00	57.68 0.57 0.00	51.81 0.77 0.00	45.72 0.68 0.00	40.11 0.94 0.00
NEG WEST_LEA_LOCKPORT 23791	25.39 -4.88 7.53	23.59 -4.31 5.77	21.83 -4.20 6.02	22.99 -4.06 3.49	23.82 -4.28 2.06	25.01 -4.43 1.14	23.33 -4.30 1.43	22.42 -3.44 2.30	22.45 -3.37 3.77	25.08 -3.30 0.79	24.51 -3.34 0.94	23.88 -3.55 2.88	24.70 -3.51 2.06	22.65 -3.67 5.88	24.38 -4.14 6.26	26.13 -4.79 6.50	27.62 -4.81 7.30	35.27 -5.58 4.52	40.93 -6.84 6.50	45.29 -7.49 5.25	46.41 -7.08 3.62	41.85 -6.43 2.76	37.91 -5.49 1.63	34.71 -4.47 0.00
NEG WEST___LANCASTR 23811	26.16 -2.72 8.91	24.33 -2.39 6.96	22.47 -2.37 7.21	24.18 -2.26 4.09	25.61 -2.50 2.05	26.79 -2.48 1.32	25.00 -2.38 1.68	23.57 -1.86 2.74	23.37 -1.75 4.48	26.51 -1.72 0.93	25.89 -1.79 1.12	25.03 -1.85 3.42	26.04 -1.79 2.45	23.41 -1.80 6.99	25.29 -2.05 7.44	27.11 -2.47 7.84	28.73 -2.34 8.65	37.81 -2.59 4.98	44.06 -3.15 7.07	49.17 -3.42 5.44	50.02 -3.48 3.61	44.71 -3.57 2.76	39.13 -4.28 1.64	35.57 -3.60 0.00

NEG_PENN_ALLEGHNY 23528	37.20 -0.38 0.22	33.37 -0.30 0.00	31.63 -0.35 0.07	30.06 -0.34 0.14	30.00 -0.39 -0.22	30.08 -0.40 0.11	28.55 -0.47 0.05	27.85 -0.31 0.00	29.30 -0.30 0.00	28.87 -0.29 0.00	28.45 -0.34 0.00	29.94 -0.36 0.00	29.94 -0.33 0.00	31.94 -0.26 0.00	34.43 -0.35 0.00	37.01 -0.41 0.00	39.23 -0.36 0.13	44.62 -0.41 0.34	53.26 -0.44 0.58	56.96 -0.35 0.73	56.30 -0.23 0.58	50.18 -0.35 0.50	44.20 -0.54 0.30	38.71 -0.47 0.00
NEG___GEN_MONROE 24207	33.72 -2.95 1.13	30.06 -2.63 0.99	28.48 -2.60 0.98	27.57 -2.47 0.49	26.31 -2.47 1.38	28.03 -2.45 0.11	26.33 -2.53 0.21	25.60 -2.17 0.39	26.82 -2.13 0.64	26.90 -2.13 0.13	26.44 -2.19 0.16	27.48 -2.33 0.49	27.65 -2.27 0.35	28.85 -2.35 1.00	31.03 -2.68 1.07	33.02 -3.29 1.11	34.71 -3.34 1.67	39.76 -3.67 1.94	46.96 -4.23 3.09	50.39 -4.35 3.29	50.40 -3.94 2.77	45.41 -3.52 2.11	40.87 -2.93 1.25	36.83 -2.35 0.00
NEPA___ENERGY 23901	24.84 -3.67 9.29	23.14 -3.23 7.30	21.36 -3.14 7.55	23.29 -2.99 4.26	24.93 -3.14 2.10	26.08 -3.15 1.36	24.27 -3.05 1.74	22.77 -2.53 2.86	22.46 -2.46 4.68	25.77 -2.42 0.98	25.18 -2.45 1.17	24.15 -2.58 3.58	25.20 -2.51 2.56	22.32 -2.58 7.31	24.15 -2.85 7.77	25.90 -3.29 8.23	27.49 -3.18 9.05	36.60 -3.63 5.14	42.54 -4.45 7.29	47.70 -4.76 5.57	48.94 -4.51 3.66	43.95 -4.29 2.80	39.19 -4.19 1.66	35.81 -3.37 0.00
NEVERSINK___HYD 23608	39.80 2.04 0.03	35.39 1.72 0.00	33.65 1.60 0.01	31.95 1.44 0.02	31.55 1.39 0.00	31.88 1.31 0.02	30.51 1.45 0.01	29.54 1.38 0.00	31.04 1.45 0.00	30.54 1.37 0.00	30.26 1.47 0.00	31.82 1.51 0.00	31.85 1.57 0.00	33.88 1.67 0.00	36.65 1.88 0.00	39.78 2.36 0.00	42.50 2.78 0.00	48.64 3.27 0.00	58.02 3.74 0.00	61.80 3.77 0.00	60.36 3.25 0.00	53.74 2.70 0.00	47.29 2.25 0.00	40.86 1.68 0.00
NEWKRMKL_115KV_TB1 55635	38.74 0.94 0.00	34.51 0.84 0.00	33.08 1.03 0.00	31.45 0.92 0.00	31.10 0.94 0.00	31.50 0.92 0.00	29.96 0.90 0.00	28.78 0.62 0.00	30.13 0.53 0.00	29.66 0.50 0.00	29.28 0.49 0.00	30.85 0.55 0.00	30.73 0.45 0.00	32.62 0.42 0.00	35.29 0.52 0.00	38.17 0.75 0.00	40.35 0.64 0.00	46.10 0.73 0.00	54.98 0.71 0.00	58.96 0.93 0.00	58.02 0.91 0.00	51.75 0.71 0.00	45.72 0.68 0.00	39.69 0.51 0.00
NEWTON___FALLS_HYD 23847	36.92 -0.87 0.00	32.93 -0.74 0.00	31.35 -0.71 0.00	29.90 -0.64 0.00	29.53 -0.63 0.00	30.07 -0.52 0.00	28.39 -0.67 0.00	27.43 -0.73 0.00	28.71 -0.89 0.00	28.23 -0.93 0.00	27.75 -1.04 0.00	29.15 -1.15 0.00	29.10 -1.18 0.00	31.01 -1.19 0.00	33.42 -1.36 0.00	35.96 -1.46 0.00	38.37 -1.35 0.00	43.78 -1.59 0.00	52.97 -1.30 0.00	56.70 -1.33 0.00	55.97 -1.14 0.00	50.43 -0.61 0.00	44.46 -0.59 0.00	38.86 -0.31 0.00
NGRID_A1_DSASP 323792	24.52 -5.29 7.98	22.98 -4.68 6.01	21.18 -4.55 6.32	22.48 -4.34 3.72	23.71 -4.37 2.08	24.86 -4.43 1.29	23.25 -4.30 1.51	22.13 -3.69 2.35	22.11 -3.64 3.84	24.84 -3.53 0.80	24.29 -3.54 0.96	23.58 -3.79 2.94	24.42 -3.75 2.10	22.25 -3.96 6.00	23.98 -4.42 6.38	25.55 -5.09 6.78	26.97 -5.16 7.58	34.89 -5.90 4.58	40.52 -7.16 6.59	44.92 -7.83 5.28	45.99 -7.48 3.64	41.67 -6.58 2.78	37.18 -6.22 1.65	34.36 -4.82 0.00
NGRID_A2_DSASP 323793	24.52 -5.29 7.98	22.98 -4.68 6.01	21.18 -4.55 6.32	22.48 -4.34 3.72	23.71 -4.37 2.08	24.86 -4.43 1.29	23.25 -4.30 1.51	22.13 -3.69 2.35	22.11 -3.64 3.84	24.84 -3.53 0.80	24.29 -3.54 0.96	23.58 -3.79 2.94	24.42 -3.75 2.10	22.25 -3.96 6.00	23.98 -4.42 6.38	25.55 -5.09 6.78	26.97 -5.16 7.58	34.89 -5.90 4.58	40.52 -7.16 6.59	44.92 -7.83 5.28	45.99 -7.48 3.64	41.67 -6.58 2.78	37.18 -6.22 1.65	34.36 -4.82 0.00
NGRID_A4_DSASP 323807	24.52 -5.29 7.98	22.98 -4.68 6.01	21.18 -4.55 6.32	22.48 -4.34 3.72	23.71 -4.37 2.08	24.86 -4.43 1.29	23.25 -4.30 1.51	22.13 -3.69 2.35	22.11 -3.64 3.84	24.84 -3.53 0.80	24.29 -3.54 0.96	23.58 -3.79 2.94	24.42 -3.75 2.10	22.25 -3.96 6.00	23.98 -4.42 6.38	25.55 -5.09 6.78	26.97 -5.16 7.58	34.89 -5.90 4.58	40.52 -7.16 6.59	44.92 -7.83 5.28	45.99 -7.48 3.64	41.67 -6.58 2.78	37.18 -6.22 1.65	34.36 -4.82 0.00
NIAGARA_115E_LBMP 323715	24.94 -5.14 7.71	23.43 -4.51 5.73	21.57 -4.42 6.06	22.61 -4.30 3.63	23.36 -4.74 2.07	24.35 -5.02 1.22	22.82 -4.77 1.48	22.21 -3.61 2.35	22.23 -3.52 3.84	24.92 -3.44 0.80	24.35 -3.48 0.96	23.67 -3.70 2.94	24.51 -3.66 2.10	22.34 -3.87 5.99	24.08 -4.31 6.38	26.18 -4.79 6.46	27.42 -5.04 7.25	34.75 -6.03 4.58	39.99 -7.71 6.58	44.17 -8.59 5.28	45.49 -8.00 3.62	40.82 -7.45 2.77	37.05 -6.35 1.64	33.85 -5.33 0.00
NIAGARA_115W_LBMP 323714	24.59 -5.25 7.95	23.04 -4.65 5.99	21.24 -4.52 6.29	22.49 -4.34 3.71	23.71 -4.37 2.08	24.89 -4.40 1.29	23.26 -4.30 1.50	22.14 -3.69 2.33	22.14 -3.64 3.82	24.84 -3.53 0.80	24.30 -3.54 0.95	23.60 -3.79 2.92	24.43 -3.76 2.09	22.28 -3.96 5.96	24.02 -4.42 6.34	25.77 -4.90 6.75	27.04 -5.12 7.55	34.89 -5.90 4.58	40.42 -7.27 6.59	44.81 -7.95 5.28	46.45 -7.03 3.64	41.62 -6.63 2.78	37.09 -6.31 1.65	34.05 -5.13 0.00
NIAGARA_230_LBMP 323716	25.00 -5.10 7.69	23.45 -4.51 5.71	21.63 -4.39 6.04	22.75 -4.18 3.61	23.83 -4.28 2.05	24.97 -4.31 1.30	23.39 -4.21 1.46	22.38 -3.58 2.21	22.46 -3.52 3.61	25.00 -3.41 0.75	24.46 -3.43 0.90	23.87 -3.67 2.76	24.69 -3.60 1.98	22.76 -3.80 5.64	24.50 -4.28 6.00	26.20 -4.79 6.44	27.48 -5.01 7.23	35.00 -5.81 4.56	40.55 -7.17 6.56	45.00 -7.78 5.26	46.54 -6.97 3.60	41.70 -6.58 2.75	37.82 -5.59 1.63	34.55 -4.62 0.00
NIAGARA___115KV_198_GIBSON 55903	24.55 -5.29 7.95	23.00 -4.68 5.99	21.21 -4.55 6.29	22.49 -4.34 3.71	23.71 -4.37 2.08	24.86 -4.43 1.29	23.26 -4.30 1.50	22.14 -3.69 2.33	22.14 -3.64 3.82	24.84 -3.53 0.80	24.30 -3.54 0.95	23.60 -3.79 2.92	24.43 -3.75 2.09	22.28 -3.96 5.96	24.02 -4.42 6.34	25.59 -5.09 6.75	27.00 -5.16 7.55	34.89 -5.90 4.58	40.47 -7.22 6.59	44.86 -7.89 5.28	45.93 -7.54 3.64	41.62 -6.64 2.78	37.09 -6.31 1.65	34.28 -4.90 0.00
NIAGARA____ 23760	25.00 -5.10 7.69	23.45 -4.51 5.71	21.63 -4.39 6.04	22.74 -4.18 3.61	23.82 -4.28 2.06	25.05 -4.31 1.22	23.38 -4.21 1.47	22.38 -3.58 2.21	22.46 -3.52 3.61	25.00 -3.41 0.75	24.46 -3.43 0.90	23.87 -3.67 2.76	24.69 -3.60 1.98	22.76 -3.80 5.64	24.50 -4.28 6.00	26.20 -4.79 6.44	27.48 -5.01 7.23	35.00 -5.81 4.56	40.54 -7.17 6.57	44.99 -7.78 5.27	46.53 -6.97 3.61	41.70 -6.58 2.76	37.81 -5.59 1.64	34.55 -4.62 0.00
NINE_MILE_1 23575	36.50 -1.32 -0.03	32.49 -1.18 0.00	30.91 -1.15 -0.01	29.46 -1.10 -0.02	29.08 -1.08 0.00	29.53 -1.07 -0.01	28.05 -1.02 -0.01	27.20 -0.96 0.00	28.62 -0.98 0.00	28.20 -0.96 0.00	27.81 -0.98 0.00	29.27 -1.03 0.00	29.25 -1.03 0.00	31.14 -1.06 0.00	33.59 -1.18 0.00	35.88 -1.54 0.00	34.37 -1.67 3.68	33.49 -1.86 10.02	35.11 -2.17 17.00	35.07 -2.26 20.70	37.24 -2.11 17.76	34.90 -1.94 14.20	34.95 -1.71 8.38	37.80 -1.37 0.00

NINE_MILE_2 23744	36.50 -1.32 -0.03	32.49 -1.18 0.00	30.94 -1.12 -0.01	29.48 -1.07 -0.02	29.08 -1.08 0.00	29.56 -1.04 -0.01	28.05 -1.02 -0.01	27.20 -0.96 0.00	28.62 -0.98 0.00	28.20 -0.96 0.00	27.81 -0.98 0.00	29.27 -1.03 0.00	29.25 -1.03 0.00	31.14 -1.06 0.00	33.59 -1.18 0.00	35.92 -1.50 0.00	34.32 -1.67 3.73	33.36 -1.86 10.15	34.89 -2.17 17.22	34.80 -2.26 20.97	37.01 -2.11 17.99	34.72 -1.94 14.38	34.84 -1.71 8.49	37.80 -1.37 0.00
NM_CAPITAL___DRP 24208	38.85 1.06 0.00	34.61 0.94 0.00	33.11 1.06 0.00	31.48 0.95 0.00	31.16 1.00 0.00	31.56 0.98 0.00	30.05 0.99 0.00	28.89 0.73 0.00	30.24 0.65 0.00	29.78 0.61 0.00	29.40 0.60 0.00	30.97 0.67 0.00	30.85 0.58 0.00	32.75 0.55 0.00	35.43 0.66 0.00	38.32 0.90 0.00	40.47 0.75 0.00	46.23 0.86 0.00	55.09 0.81 0.00	59.08 1.04 0.00	58.08 0.97 0.00	51.86 0.82 0.00	45.81 0.77 0.00	39.69 0.51 0.00
NM_CENTRAL___DRP 24181	37.04 -0.76 0.00	33.03 -0.64 0.00	31.41 -0.64 0.00	29.93 -0.61 0.00	29.56 -0.60 0.00	29.97 -0.61 0.00	28.42 -0.64 0.00	27.60 -0.56 0.00	29.06 -0.53 0.00	28.64 -0.52 0.00	28.22 -0.58 0.00	29.70 -0.61 0.00	29.70 -0.58 0.00	31.66 -0.55 0.00	34.11 -0.66 0.00	36.52 -0.90 0.00	38.52 -0.99 0.21	43.72 -1.09 0.56	52.08 -1.25 0.95	55.66 -1.22 1.15	55.09 -1.03 0.99	49.23 -1.02 0.79	43.67 -0.90 0.47	38.39 -0.78 0.00
NM_FRONTIER___DRP 24179	24.55 -5.29 7.95	23.00 -4.68 5.99	21.21 -4.55 6.29	22.49 -4.34 3.71	23.71 -4.37 2.08	24.86 -4.43 1.29	23.26 -4.30 1.50	22.14 -3.69 2.33	22.14 -3.64 3.82	24.84 -3.53 0.80	24.30 -3.54 0.95	23.60 -3.79 2.92	24.43 -3.75 2.09	22.28 -3.96 5.96	24.02 -4.42 6.34	25.59 -5.09 6.75	27.00 -5.16 7.55	34.89 -5.90 4.58	40.47 -7.22 6.59	44.86 -7.89 5.28	45.93 -7.54 3.64	41.62 -6.64 2.78	37.09 -6.31 1.65	34.28 -4.90 0.00
NM_ST_REGIS___HYD 24053	37.19 -0.60 0.00	33.17 -0.51 0.00	31.57 -0.48 0.00	30.14 -0.40 0.00	29.77 -0.39 0.00	30.22 -0.37 0.00	28.57 -0.49 0.00	27.60 -0.56 0.00	29.00 -0.59 0.00	28.58 -0.58 0.00	28.19 -0.60 0.00	29.61 -0.70 0.00	29.55 -0.73 0.00	31.49 -0.71 0.00	34.01 -0.77 0.00	36.71 -0.71 0.00	39.16 -0.56 0.00	44.51 -0.86 0.00	53.57 -0.71 0.00	57.40 -0.64 0.00	56.48 -0.63 0.00	50.89 -0.15 0.00	44.86 -0.18 0.00	39.33 0.16 0.00
NORTHPORT___1 23551	40.79 3.02 0.03	36.16 2.49 0.00	34.25 2.21 0.01	32.41 1.89 0.02	31.88 1.72 0.00	32.01 1.44 0.01	31.06 2.00 0.01	30.25 2.08 0.00	31.87 2.28 0.00	31.62 2.45 0.00	35.67 2.59 -4.29	40.54 2.64 -7.60	42.58 2.66 -9.64	45.48 2.77 -10.51	45.83 2.99 -8.06	47.99 3.40 -7.16	49.65 3.78 -6.15	55.15 4.22 -5.56	60.09 4.89 -0.92	63.60 4.81 -0.75	61.04 3.94 0.00	54.40 3.37 0.01	47.43 2.39 0.00	41.53 2.35 0.00
NORTHPORT___2 23552	40.79 3.02 0.03	36.16 2.49 0.00	34.25 2.21 0.01	32.41 1.89 0.02	31.88 1.72 0.00	32.01 1.44 0.01	31.06 2.00 0.01	30.25 2.08 0.00	31.87 2.28 0.00	31.62 2.45 0.00	35.67 2.59 -4.29	40.54 2.64 -7.60	42.58 2.66 -9.64	45.48 2.77 -10.51	45.83 2.99 -8.06	47.99 3.40 -7.16	49.65 3.78 -6.15	55.15 4.22 -5.56	60.09 4.89 -0.92	63.60 4.81 -0.75	61.04 3.94 0.00	54.40 3.37 0.01	47.43 2.39 0.00	41.53 2.35 0.00
NORTHPORT___3 23553	40.75 2.98 0.03	36.16 2.49 0.00	34.22 2.18 0.01	32.38 1.86 0.02	31.85 1.69 0.00	31.98 1.41 0.01	31.03 1.98 0.01	30.22 2.05 0.00	31.84 2.25 0.00	31.59 2.42 0.00	35.67 2.59 -4.29	40.54 2.64 -7.60	42.58 2.66 -9.64	45.47 2.77 -10.50	45.81 2.99 -8.05	47.98 3.40 -7.15	49.59 3.73 -6.14	55.09 4.17 -5.55	60.02 4.83 -0.92	63.59 4.81 -0.75	61.04 3.94 0.00	54.40 3.37 0.01	47.43 2.39 0.00	41.53 2.35 0.00
NORTHPORT___4 23650	40.75 2.98 0.03	36.16 2.49 0.00	34.22 2.18 0.01	32.38 1.86 0.02	31.85 1.69 0.00	31.98 1.41 0.01	31.03 1.98 0.01	30.22 2.05 0.00	31.84 2.25 0.00	31.59 2.42 0.00	35.67 2.59 -4.29	40.54 2.64 -7.60	42.58 2.66 -9.64	45.47 2.77 -10.50	45.81 2.99 -8.05	47.98 3.40 -7.15	49.59 3.73 -6.14	55.09 4.17 -5.55	60.02 4.83 -0.92	63.59 4.81 -0.75	61.04 3.94 0.00	54.40 3.37 0.01	47.43 2.39 0.00	41.53 2.35 0.00
NORTHPORT___IC 23718	40.79 3.02 0.03	36.16 2.49 0.00	34.26 2.21 0.01	32.41 1.89 0.02	31.88 1.72 0.00	32.01 1.44 0.01	31.06 2.01 0.01	30.16 2.00 0.00	31.87 2.28 0.00	31.62 2.45 0.00	35.67 2.59 -4.29	40.54 2.64 -7.60	42.58 2.66 -9.64	45.48 2.77 -10.51	45.82 2.99 -8.06	47.92 3.33 -7.16	49.64 3.77 -6.15	55.15 4.22 -5.56	60.09 4.88 -0.92	63.25 4.47 -0.75	61.10 4.00 0.01	54.40 3.37 0.01	47.70 2.66 0.00	41.76 2.59 0.00
NORTH___COUNTRY_ESR 323785	37.07 -0.72 0.00	33.03 -0.64 0.00	31.48 -0.58 0.00	30.05 -0.49 0.00	29.68 -0.48 0.00	30.07 -0.52 0.00	28.48 -0.58 0.00	27.57 -0.59 0.00	29.06 -0.53 0.00	28.67 -0.50 0.00	28.33 -0.46 0.00	29.82 -0.49 0.00	29.82 -0.45 0.00	31.75 -0.45 0.00	34.39 -0.38 0.00	37.12 -0.30 0.00	39.56 -0.16 0.00	45.05 -0.32 0.00	54.11 -0.16 0.00	57.92 -0.12 0.00	56.83 -0.28 0.00	51.09 0.05 0.00	45.09 0.05 0.00	39.49 0.31 0.00
NPX_GEN_1385_PROXY 323591	40.79 3.02 0.03	36.16 2.49 0.00	34.25 2.21 0.01	32.41 1.89 0.02	31.88 1.72 0.00	32.01 1.44 0.01	31.32 2.27 0.01	30.53 2.37 0.00	32.05 2.45 0.00	31.62 2.45 0.00	35.50 2.42 -4.29	40.09 2.18 -7.60	42.00 2.09 -9.64	44.80 2.09 -10.51	45.20 2.37 -8.06	47.47 2.88 -7.16	49.76 3.50 -6.55	54.75 4.22 -5.16	59.70 4.50 -0.92	63.19 4.41 -0.75	61.04 3.94 0.00	54.40 3.37 0.01	47.02 1.98 0.00	41.29 2.11 0.00
NPX_GEN_CSC 323557	40.86 3.10 0.03	36.43 2.76 0.00	34.45 2.41 0.01	32.56 2.05 0.02	32.00 1.84 0.00	32.07 1.50 0.01	31.15 2.09 0.01	30.33 2.17 0.00	31.96 2.37 0.00	31.82 2.65 0.00	35.73 2.65 -4.29	40.54 2.64 -7.60	42.55 2.63 -9.64	45.47 2.61 -10.66	45.91 2.71 -8.42	48.38 3.48 -7.48	50.63 4.01 -6.90	55.11 4.36 -5.38	60.42 5.05 -1.09	63.74 4.81 -0.89	60.82 3.71 0.00	54.30 3.27 0.00	47.34 2.30 0.00	41.61 2.43 0.00
NSINS_S___GLNS_FALLS 23858	40.55 2.76 0.00	36.20 2.53 0.00	34.43 2.37 0.00	32.68 2.14 0.00	32.37 2.20 0.00	32.73 2.14 0.00	31.07 2.01 0.00	29.91 1.75 0.00	31.19 1.60 0.00	30.54 1.37 0.00	29.80 1.01 0.00	31.34 1.03 0.00	30.91 0.64 0.00	32.69 0.48 0.00	35.54 0.77 0.00	38.54 1.12 0.00	41.31 1.59 0.00	47.55 2.18 0.00	57.53 3.26 0.00	62.68 4.64 0.00	61.91 4.80 0.00	55.23 4.19 0.00	48.55 3.51 0.00	42.04 2.86 0.00
NUCOR_STEEL___DRP 24197	37.34 -0.45 0.00	33.27 -0.40 0.00	31.64 -0.42 0.00	30.14 -0.40 0.00	30.22 -0.36 -0.42	30.25 -0.34 0.00	28.60 -0.46 0.00	27.77 -0.39 0.00	29.21 -0.38 0.00	28.76 -0.41 0.00	28.30 -0.49 0.00	29.79 -0.52 0.00	29.76 -0.51 0.00	31.75 -0.45 0.00	34.18 -0.59 0.00	36.60 -0.82 0.00	38.84 -0.87 0.00	44.51 -0.86 0.00	53.41 -0.87 0.00	57.34 -0.70 0.00	56.77 -0.40 -0.06	50.58 -0.46 0.00	44.59 -0.45 0.00	38.82 -0.35 0.00

NUMBER_THREE_WT_PWR 323818	36.85 -0.94 0.00	32.86 -0.81 0.00	31.28 -0.77 0.00	29.84 -0.70 0.00	29.47 -0.69 0.00	30.09 -0.49 0.00	28.42 -0.64 0.00	27.52 -0.65 0.00	28.68 -0.92 0.00	28.17 -0.99 0.00	27.64 -1.15 0.00	29.09 -1.21 0.00	29.01 -1.27 0.00	30.91 -1.29 0.00	33.28 -1.49 0.00	35.70 -1.72 0.00	38.13 -1.59 0.00	43.60 -1.77 0.00	52.97 -1.30 0.00	56.76 -1.28 0.00	56.14 -0.97 0.00	50.63 -0.41 0.00	44.63 -0.41 0.00	38.94 -0.23 0.00
NYISO_LBMP_REFERENCE 24008	37.79 0.00 0.00	33.67 0.00 0.00	32.05 0.00 0.00	30.54 0.00 0.00	30.17 0.00 0.00	30.59 0.00 0.00	29.06 0.00 0.00	28.16 0.00 0.00	29.59 0.00 0.00	29.17 0.00 0.00	28.79 0.00 0.00	30.30 0.00 0.00	30.28 0.00 0.00	32.20 0.00 0.00	34.77 0.00 0.00	37.42 0.00 0.00	39.72 0.00 0.00	45.37 0.00 0.00	54.28 0.00 0.00	58.03 0.00 0.00	57.11 0.00 0.00	51.04 0.00 0.00	45.04 0.00 0.00	39.18 0.00 0.00
NYPA_BRENTWD____GT 24164	41.24 3.47 0.03	36.57 2.90 0.00	34.61 2.57 0.01	32.75 2.23 0.02	32.18 2.02 0.00	32.28 1.71 0.01	31.35 2.30 0.01	30.50 2.34 0.00	32.14 2.55 0.00	31.94 2.77 0.00	35.99 2.91 -4.29	40.91 3.00 -7.60	42.94 3.03 -9.64	46.21 3.16 -10.85	47.04 3.41 -8.86	49.26 3.96 -7.87	51.09 4.45 -6.93	56.45 5.04 -6.04	61.44 5.86 -1.30	64.89 5.80 -1.05	61.96 4.85 0.00	55.22 4.19 0.00	48.01 2.97 0.00	42.00 2.82 0.00
NYPA_GOWANUS____GT5 24156	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.29 4.01 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.14 5.11 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
NYPA_GOWANUS____GT6 24157	40.68 2.91 0.02	36.11 2.43 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.15 2.36 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.88 0.00	40.94 3.52 0.00	44.29 4.01 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.14 5.11 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
NYPA_HARLEM__RVR__GT1 24160	40.49 2.72 0.02	35.90 2.22 -0.01	34.13 2.08 0.00	32.42 1.89 0.01	32.01 1.84 0.00	32.28 1.71 0.01	30.91 1.86 0.01	30.07 1.92 0.01	31.72 2.13 0.01	31.32 2.16 0.01	31.15 2.36 0.00	32.79 2.49 0.00	32.85 2.57 0.00	34.78 2.58 0.00	37.51 2.75 0.01	40.75 3.33 0.00	44.05 3.78 -0.55	49.73 4.36 0.00	58.99 4.72 0.01	62.73 4.70 0.01	60.99 3.89 0.01	54.20 3.17 0.01	47.83 2.79 0.00	41.37 2.19 0.00
NYPA_HARLEM__RVR__GT2 24161	40.49 2.72 0.02	35.90 2.22 -0.01	34.13 2.08 0.00	32.42 1.89 0.01	32.01 1.84 0.00	32.28 1.71 0.01	30.91 1.86 0.01	30.07 1.92 0.01	31.72 2.13 0.01	31.32 2.16 0.01	31.15 2.36 0.00	32.79 2.49 0.00	32.85 2.57 0.00	34.78 2.58 0.00	37.51 2.75 0.01	40.75 3.33 0.00	44.05 3.78 -0.55	49.73 4.36 0.00	58.99 4.72 0.01	62.73 4.70 0.01	60.99 3.89 0.01	54.20 3.17 0.01	47.83 2.79 0.00	41.37 2.19 0.00
NYPA_KENT____GT 24152	40.57 2.80 0.02	36.04 2.36 -0.01	34.26 2.21 0.00	32.57 2.05 0.01	32.13 1.96 0.00	32.34 1.77 0.01	31.03 1.98 0.01	30.10 1.94 0.00	31.73 2.13 0.00	31.32 2.16 0.00	31.18 2.39 0.00	32.82 2.51 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.88 0.00	40.90 3.48 0.00	44.21 3.93 -0.56	49.91 4.54 0.00	59.33 5.05 0.00	63.03 4.99 0.00	61.28 4.17 0.00	54.51 3.47 0.00	48.15 3.11 0.00	41.53 2.35 0.00
NYPA_POUCH1____GT 24155	40.64 2.87 0.02	36.07 2.39 -0.01	34.33 2.28 0.00	32.63 2.11 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.00 1.95 0.01	30.05 1.89 0.00	31.63 2.04 0.00	31.24 2.07 0.00	31.10 2.30 0.00	32.73 2.43 0.00	32.85 2.57 0.00	34.87 2.67 0.00	37.62 2.85 0.00	40.90 3.48 0.00	44.29 4.01 -0.56	49.95 4.58 0.00	59.44 5.16 0.00	63.14 5.11 0.00	61.34 4.23 0.00	54.61 3.57 0.00	48.29 3.24 -0.01	41.65 2.47 -0.01
NYPA_VERNON____GT2 24162	40.46 2.68 0.02	35.94 2.26 -0.01	34.17 2.12 0.00	32.48 1.96 0.01	32.07 1.90 0.00	32.28 1.71 0.01	31.00 1.95 0.01	30.13 1.97 0.00	31.75 2.16 0.00	31.38 2.22 0.00	31.21 2.42 0.00	32.82 2.51 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.88 0.00	40.86 3.44 0.00	44.17 3.89 -0.56	49.82 4.45 0.00	59.27 4.99 0.00	62.91 4.88 0.00	61.23 4.11 0.00	54.41 3.37 0.00	48.01 2.97 0.00	41.45 2.27 0.00
NYPA_VERNON____GT3 24163	40.46 2.68 0.02	35.94 2.26 -0.01	34.17 2.12 0.00	32.48 1.96 0.01	32.07 1.90 0.00	32.28 1.71 0.01	31.00 1.95 0.01	30.13 1.97 0.00	31.75 2.16 0.00	31.38 2.22 0.00	31.21 2.42 0.00	32.82 2.51 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.88 0.00	40.86 3.44 0.00	44.17 3.89 -0.56	49.82 4.45 0.00	59.27 4.99 0.00	62.91 4.88 0.00	61.23 4.11 0.00	54.41 3.37 0.00	48.01 2.97 0.00	41.45 2.27 0.00
NYPA__ASTORIA_CC1 323568	40.42 2.64 0.02	35.90 2.22 -0.01	34.17 2.12 0.00	32.45 1.93 0.01	32.04 1.87 0.00	32.25 1.68 0.01	30.97 1.92 0.01	30.10 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.82 2.51 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.62 2.85 0.00	40.83 3.40 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.16 4.89 0.00	62.85 4.81 0.00	61.17 4.06 0.00	54.36 3.32 0.00	47.97 2.93 0.00	41.37 2.19 0.00
NYPA__ASTORIA_CC2 323569	40.42 2.64 0.02	35.90 2.22 -0.01	34.17 2.12 0.00	32.45 1.93 0.01	32.04 1.87 0.00	32.25 1.68 0.01	30.97 1.92 0.01	30.10 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.82 2.51 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.62 2.85 0.00	40.83 3.40 0.00	44.09 3.81 -0.56	49.77 4.40 0.00	59.16 4.89 0.00	62.85 4.81 0.00	61.17 4.06 0.00	54.36 3.32 0.00	47.97 2.93 0.00	41.37 2.19 0.00
NYPA__HOLTSVILL 23794	40.94 3.18 0.03	36.40 2.73 0.00	34.42 2.37 0.01	32.53 2.02 0.02	32.00 1.84 0.00	32.10 1.53 0.01	31.15 2.09 0.01	30.33 2.17 0.00	31.96 2.37 0.00	31.76 2.59 0.00	35.79 2.71 -4.29	40.66 2.76 -7.60	42.64 2.73 -9.64	45.65 2.80 -10.65	46.15 2.99 -8.39	48.47 3.59 -7.46	50.28 4.09 -6.47	55.66 4.54 -5.76	60.57 5.21 -1.08	63.96 5.05 -0.87	61.16 4.06 0.00	54.61 3.57 0.01	47.56 2.52 0.00	41.65 2.47 0.00
NYPA__HELLGATE_GT1 24158	40.49 2.72 0.02	35.90 2.22 -0.01	34.13 2.08 0.00	32.42 1.89 0.01	32.01 1.84 0.00	32.28 1.71 0.01	30.91 1.86 0.01	30.07 1.92 0.01	31.72 2.13 0.01	31.32 2.16 0.01	31.15 2.36 0.00	32.79 2.49 0.00	32.85 2.57 0.00	34.78 2.58 0.00	37.51 2.75 0.01	40.75 3.33 0.00	44.05 3.78 -0.55	49.73 4.36 0.00	58.99 4.72 0.01	62.73 4.70 0.01	60.99 3.89 0.01	54.20 3.17 0.01	47.83 2.79 0.00	41.37 2.19 0.00

NYPA_____HELLGATE_GT2 24159	40.49 2.72 0.02	35.90 2.22 -0.01	34.13 2.08 0.00	32.42 1.89 0.01	32.01 1.84 0.00	32.28 1.71 0.01	30.91 1.86 0.01	30.07 1.92 0.01	31.72 2.13 0.01	31.32 2.16 0.01	31.15 2.36 0.00	32.79 2.49 0.00	32.85 2.57 0.00	34.78 2.58 0.00	37.51 2.75 0.01	40.75 3.33 0.00	44.05 3.78 -0.55	49.73 4.36 0.00	58.99 4.72 0.01	62.73 4.70 0.01	60.99 3.89 0.01	54.20 3.17 0.01	47.83 2.79 0.00	41.37 2.19 0.00
NYS_BARGE____HYD 23848	25.93 -4.80 7.06	24.05 -4.24 5.38	22.29 -4.13 5.63	23.26 -4.00 3.28	23.85 -4.31 2.00	25.01 -4.50 1.08	23.39 -4.33 1.34	22.62 -3.38 2.16	22.75 -3.31 3.53	25.16 -3.27 0.74	24.60 -3.31 0.88	24.09 -3.51 2.70	24.89 -3.45 1.93	23.05 -3.64 5.51	24.80 -4.10 5.87	26.84 -4.53 6.06	28.16 -4.73 6.83	35.51 -5.54 4.32	41.14 -6.89 6.24	45.34 -7.60 5.10	46.71 -6.85 3.55	41.85 -6.48 2.71	37.90 -5.54 1.60	34.51 -4.66 0.00
OAK ORCHARD____HYD 24046	34.99 -2.87 -0.07	31.13 -2.56 -0.01	29.59 -2.50 -0.03	28.23 -2.35 -0.04	26.65 -2.32 1.20	28.33 -2.29 -0.03	26.69 -2.38 -0.02	26.13 -2.03 0.00	27.61 -1.98 0.00	27.24 -1.93 0.00	26.83 -1.96 0.00	28.24 -2.06 0.00	28.28 -2.00 0.00	30.11 -2.09 0.00	32.37 -2.40 0.00	34.48 -2.96 -0.02	36.17 -3.06 0.49	40.58 -3.40 1.39	47.91 -4.02 2.35	51.00 -4.18 2.86	51.12 -3.43 2.57	45.71 -3.37 1.96	41.18 -2.70 1.16	36.90 -2.27 0.00
OAKDALE____35_KV_LOAD 356122	38.06 -0.53 -0.79	34.14 -0.44 -0.90	32.43 -0.45 -0.82	30.37 -0.46 -0.29	30.09 -0.48 -0.41	30.08 -0.49 0.02	28.67 -0.52 -0.13	28.12 -0.39 -0.35	29.79 -0.38 -0.58	28.91 -0.38 -0.12	28.53 -0.40 -0.14	30.29 -0.45 -0.44	30.17 -0.42 -0.32	32.75 -0.35 -0.90	35.32 -0.42 -0.96	37.88 -0.56 -1.02	40.17 -0.48 -0.93	44.97 -0.54 -0.15	53.74 -0.60 -0.06	57.10 -0.58 0.36	56.18 -0.51 0.42	50.04 -0.61 0.38	44.14 -0.68 0.23	38.59 -0.59 0.00
OCC_CHEM____DRP 24175	24.52 -5.29 7.98	22.98 -4.68 6.01	21.18 -4.55 6.32	22.48 -4.34 3.72	23.71 -4.37 2.08	24.86 -4.43 1.29	23.25 -4.30 1.51	22.13 -3.69 2.35	22.11 -3.64 3.84	24.84 -3.53 0.80	24.29 -3.54 0.96	23.58 -3.79 2.94	24.42 -3.75 2.10	22.25 -3.96 6.00	23.98 -4.42 6.38	25.55 -5.09 6.78	26.97 -5.16 7.58	34.89 -5.90 4.58	40.52 -7.16 6.59	44.92 -7.83 5.28	45.99 -7.48 3.64	41.67 -6.58 2.78	37.18 -6.22 1.65	34.36 -4.82 0.00
OH_GEN_PROXY 24063	25.55 -5.03 7.22	24.00 -4.41 5.26	22.12 -4.33 5.61	23.00 -4.12 3.41	24.00 -4.19 1.97	25.07 -4.25 1.27	23.56 -4.13 1.37	22.63 -3.49 2.04	22.83 -3.43 3.33	25.15 -3.33 0.70	24.62 -3.34 0.83	24.18 -3.58 2.55	24.94 -3.51 1.82	23.30 -3.70 5.20	25.10 -4.14 5.53	26.85 -4.64 5.93	28.57 -4.85 6.30	35.11 -5.63 4.63	41.20 -6.95 6.13	45.37 -7.60 5.06	46.80 -6.80 3.51	41.92 -6.43 2.69	37.95 -5.50 1.59	34.59 -4.58 0.00
OLIN_CORP_DRP 24177	24.75 -5.14 7.90	23.25 -4.51 5.91	21.40 -4.42 6.23	22.53 -4.31 3.71	23.41 -4.68 2.08	24.42 -4.92 1.25	22.84 -4.71 1.51	22.19 -3.58 2.40	22.15 -3.52 3.92	24.91 -3.44 0.82	24.33 -3.48 0.98	23.61 -3.70 3.00	24.49 -3.63 2.15	22.24 -3.83 6.13	23.94 -4.31 6.52	25.78 -4.98 6.66	27.17 -5.08 7.46	34.75 -5.99 4.63	40.09 -7.54 6.65	44.36 -8.36 5.31	45.53 -7.94 3.64	40.96 -7.30 2.78	37.18 -6.22 1.65	34.12 -5.05 0.00
OLIN_CORP_DSASP 323712	24.52 -5.29 7.98	22.98 -4.68 6.01	21.18 -4.55 6.32	22.48 -4.34 3.72	23.71 -4.37 2.08	24.86 -4.43 1.29	23.25 -4.30 1.51	22.13 -3.69 2.35	22.11 -3.64 3.84	24.84 -3.53 0.80	24.29 -3.54 0.96	23.58 -3.79 2.94	24.42 -3.75 2.10	22.25 -3.96 6.00	23.98 -4.42 6.38	25.55 -5.09 6.78	26.97 -5.16 7.58	34.89 -5.90 4.58	40.52 -7.16 6.59	44.92 -7.83 5.28	45.99 -7.48 3.64	41.67 -6.58 2.78	37.18 -6.22 1.65	34.36 -4.82 0.00
ONEIDA_HERK_LFGE 323681	37.72 -0.08 0.00	33.64 -0.03 0.00	31.99 -0.06 0.00	30.48 -0.06 0.00	30.11 -0.06 0.00	30.65 0.06 0.00	29.03 -0.03 0.00	28.13 -0.03 0.00	29.42 -0.18 0.00	28.96 -0.20 0.00	28.47 -0.32 0.00	29.97 -0.33 0.00	29.88 -0.39 0.00	31.85 -0.35 0.00	34.32 -0.45 0.00	36.90 -0.52 0.00	39.28 -0.44 0.00	44.92 -0.45 0.00	54.17 -0.11 0.00	57.98 -0.06 0.00	57.17 0.06 0.00	51.30 0.26 0.00	45.18 0.14 0.00	39.33 0.16 0.00
ONEIDA____115KV_TB4 55905	38.13 0.34 0.00	34.01 0.34 0.00	32.34 0.29 0.00	30.78 0.24 0.00	30.41 0.24 0.00	30.92 0.34 0.00	29.26 0.20 0.00	28.36 0.20 0.00	29.71 0.12 0.00	29.25 0.09 0.00	28.79 0.00 0.00	30.30 0.00 0.00	30.25 -0.03 0.00	32.20 0.00 0.00	34.77 0.00 0.00	37.31 -0.11 0.00	39.61 0.00 0.11	45.12 0.05 0.29	54.21 0.43 0.50	57.89 0.46 0.61	57.22 0.63 0.52	51.18 0.56 0.42	45.20 0.41 0.25	39.49 0.31 0.00
ONONDAGA_REF_OCCRA 23987	37.23 -0.57 0.00	33.17 -0.51 0.00	31.54 -0.51 0.00	30.05 -0.49 0.00	29.88 -0.51 -0.23	30.10 -0.49 0.00	28.54 -0.52 0.00	27.71 -0.45 0.00	29.15 -0.44 0.00	28.73 -0.44 0.00	28.30 -0.49 0.00	29.79 -0.52 0.00	29.79 -0.48 0.00	31.75 -0.45 0.00	34.25 -0.52 0.00	36.67 -0.75 0.00	38.73 -0.83 0.15	44.10 -0.86 0.41	52.66 -0.92 0.70	56.32 -0.87 0.85	55.73 -0.69 0.70	49.74 -0.71 0.58	44.02 -0.68 0.34	38.59 -0.59 0.00
ONONDAGA____COGEN 23986	37.26 -0.53 0.00	33.23 -0.44 0.00	31.60 -0.45 0.00	30.11 -0.43 0.00	30.12 -0.42 -0.37	30.19 -0.40 0.00	28.57 -0.49 0.00	27.74 -0.42 0.00	29.21 -0.38 0.00	28.79 -0.38 0.00	28.36 -0.43 0.00	29.82 -0.48 0.00	29.82 -0.45 0.00	31.78 -0.42 0.00	34.29 -0.49 0.00	36.71 -0.71 0.00	38.88 -0.83 0.00	44.51 -0.86 0.00	53.35 -0.92 0.00	57.16 -0.87 0.00	56.47 -0.69 -0.05	50.38 -0.66 0.00	44.41 -0.63 0.00	38.67 -0.51 0.00
ONTARIO____LFGE 23819	40.81 -1.25 -4.27	36.35 -1.11 -3.79	34.67 -1.12 -3.74	31.31 -1.07 -1.84	37.52 -1.06 -8.41	30.00 -1.01 -0.42	28.67 -1.16 -0.78	28.63 -1.01 -1.48	31.01 -1.01 -2.42	28.62 -1.05 -0.50	28.21 -1.18 -0.60	30.91 -1.24 -1.85	30.42 -1.18 -1.32	34.85 -1.13 -3.78	37.47 -1.32 -4.02	40.08 -1.61 -4.27	42.30 -1.59 -4.17	45.06 -1.59 -1.28	53.62 -2.06 -1.41	56.08 -1.91 0.04	56.33 -1.09 -0.31	49.46 -1.02 0.56	43.71 -0.99 0.34	38.35 -0.82 0.00
ORANGEVILLE_WT_PWR 323706	8.54 -4.01 25.24	8.51 -3.53 21.63	6.98 -3.43 21.64	16.22 -3.24 11.08	22.47 -3.29 4.41	24.42 -3.30 2.86	21.17 -3.25 4.63	16.84 -2.87 8.45	12.84 -2.93 13.82	23.34 -2.94 2.88	22.29 -3.05 3.45	16.52 -3.21 10.57	19.56 -3.15 7.57	7.37 -3.25 21.58	8.20 -3.62 22.96	9.08 -3.97 24.37	9.80 -3.97 25.94	27.94 -4.40 13.02	31.35 -5.16 17.77	41.22 -5.11 11.71	46.29 -4.34 6.48	42.02 -4.13 4.89	38.30 -3.83 2.91	35.96 -3.21 0.00
ORANGEVILLE____ESR 323794	8.54 -4.01 25.24	8.51 -3.53 21.63	6.98 -3.43 21.64	16.22 -3.24 11.08	22.47 -3.29 4.41	24.42 -3.30 2.86	21.17 -3.25 4.63	16.84 -2.87 8.45	12.84 -2.93 13.82	23.34 -2.94 2.88	22.29 -3.05 3.45	16.52 -3.21 10.57	19.56 -3.15 7.57	7.37 -3.25 21.58	8.20 -3.62 22.96	9.08 -3.97 24.37	9.80 -3.97 25.94	27.94 -4.40 13.02	31.35 -5.16 17.77	41.22 -5.11 11.71	46.29 -4.34 6.48	42.02 -4.13 4.89	38.30 -3.83 2.91	35.96 -3.21 0.00

OSWEGATCHIE___HYD 24044	36.93 -0.87 0.00	32.93 -0.74 0.00	31.35 -0.71 0.00	29.89 -0.64 0.00	29.53 -0.63 0.00	30.07 -0.52 0.00	28.39 -0.67 0.00	27.43 -0.73 0.00	28.71 -0.89 0.00	28.20 -0.96 0.00	27.73 -1.06 0.00	29.15 -1.15 0.00	29.09 -1.18 0.00	31.01 -1.19 0.00	33.42 -1.36 0.00	35.96 -1.46 0.00	38.37 -1.35 0.00	43.78 -1.59 0.00	52.97 -1.30 0.00	56.70 -1.33 0.00	55.97 -1.14 0.00	50.43 -0.61 0.00	44.45 -0.59 0.00	38.86 -0.31 0.00
OSWEGO___5 23606	36.70 -1.10 0.00	32.69 -0.98 0.00	31.09 -0.96 0.00	29.62 -0.92 0.00	29.26 -0.90 0.00	29.70 -0.89 0.00	28.19 -0.87 0.00	27.34 -0.82 0.00	28.77 -0.83 0.00	28.35 -0.82 0.00	27.96 -0.84 0.00	29.42 -0.88 0.00	29.40 -0.88 0.00	31.30 -0.90 0.00	33.76 -1.01 0.00	36.15 -1.27 0.00	39.80 -1.39 -1.48	47.80 -1.59 -4.02	59.25 -1.85 -6.81	64.47 -1.86 -8.30	62.52 -1.71 -7.12	55.15 -1.58 -5.69	46.96 -1.44 -3.36	38.04 -1.14 0.00
OSWEGO___6 23613	36.70 -1.10 0.00	32.69 -0.98 0.00	31.09 -0.96 0.00	29.62 -0.92 0.00	29.26 -0.90 0.00	29.70 -0.89 0.00	28.19 -0.87 0.00	27.34 -0.82 0.00	28.77 -0.83 0.00	28.35 -0.82 0.00	27.96 -0.84 0.00	29.42 -0.88 0.00	29.40 -0.88 0.00	31.30 -0.90 0.00	33.76 -1.01 0.00	36.15 -1.27 0.00	39.80 -1.39 -1.48	47.80 -1.59 -4.02	59.25 -1.85 -6.81	64.47 -1.86 -8.30	62.52 -1.71 -7.12	55.15 -1.58 -5.69	46.96 -1.44 -3.36	38.04 -1.14 0.00
OUTOKUMPU-AB___DRP 24206	24.74 -4.72 8.33	23.06 -4.21 6.41	21.27 -4.10 6.68	22.74 -3.94 3.85	23.97 -4.07 2.12	25.15 -4.16 1.27	23.45 -4.04 1.57	22.28 -3.35 2.53	22.18 -3.28 4.13	25.10 -3.21 0.86	24.48 -3.28 1.03	23.69 -3.45 3.16	24.59 -3.42 2.26	22.14 -3.61 6.45	23.91 -4.00 6.86	25.64 -4.57 7.22	27.15 -4.53 8.04	35.49 -5.08 4.80	41.22 -6.19 6.87	45.87 -6.73 5.43	47.08 -6.34 3.69	42.45 -5.77 2.82	38.10 -5.27 1.67	35.02 -4.15 0.00
OXBOW___BTM 323836	24.65 -4.99 8.16	23.05 -4.41 6.22	21.26 -4.29 6.50	22.63 -4.12 3.79	23.84 -4.22 2.10	25.05 -4.25 1.28	23.36 -4.16 1.54	22.20 -3.52 2.44	22.14 -3.46 3.99	24.95 -3.38 0.83	24.37 -3.43 1.00	23.65 -3.61 3.05	24.52 -3.57 2.18	22.21 -3.77 6.23	23.94 -4.21 6.62	25.81 -4.60 7.00	27.13 -4.77 7.82	35.23 -5.45 4.69	40.87 -6.68 6.73	45.36 -7.31 5.36	46.99 -6.45 3.67	42.11 -6.13 2.80	37.70 -5.68 1.66	34.51 -4.66 0.00
OXBOW___ 24026	24.65 -4.99 8.16	23.01 -4.44 6.22	21.22 -4.33 6.50	22.63 -4.12 3.79	23.84 -4.22 2.10	25.02 -4.28 1.28	23.36 -4.16 1.54	22.20 -3.52 2.44	22.14 -3.46 3.99	24.95 -3.38 0.83	24.37 -3.43 1.00	23.62 -3.64 3.05	24.52 -3.57 2.18	22.21 -3.77 6.23	23.94 -4.21 6.62	25.63 -4.79 7.00	27.10 -4.81 7.82	35.23 -5.44 4.69	40.92 -6.62 6.73	45.48 -7.20 5.36	46.59 -6.85 3.67	42.11 -6.12 2.80	37.71 -5.68 1.66	34.71 -4.47 0.00
OXY_CHEM_DSASP 323612	24.52 -5.29 7.98	22.98 -4.68 6.01	21.18 -4.55 6.32	22.48 -4.34 3.72	23.71 -4.37 2.08	24.86 -4.43 1.29	23.25 -4.30 1.51	22.13 -3.69 2.35	22.11 -3.64 3.84	24.84 -3.53 0.80	24.29 -3.54 0.96	23.58 -3.79 2.94	24.42 -3.75 2.10	22.25 -3.96 6.00	23.98 -4.42 6.38	25.55 -5.09 6.78	26.97 -5.16 7.58	34.89 -5.90 4.58	40.52 -7.16 6.59	44.92 -7.83 5.28	45.99 -7.48 3.64	41.67 -6.58 2.78	37.18 -6.22 1.65	34.36 -4.82 0.00
OZONE_PARK_ESR 323760	40.60 2.83 0.03	36.03 2.36 0.00	34.29 2.24 0.01	32.56 2.05 0.02	32.12 1.96 0.00	32.38 1.80 0.01	31.15 2.09 0.01	30.30 2.14 0.00	31.99 2.40 0.00	31.59 2.42 0.00	31.41 2.62 0.00	33.00 2.70 0.00	33.06 2.79 0.00	35.13 2.93 0.00	37.94 3.16 0.00	41.09 3.67 0.00	44.48 4.21 -0.56	50.13 4.76 0.00	59.71 5.43 0.00	63.37 5.34 0.00	61.79 4.68 0.00	54.87 3.83 0.00	48.37 3.33 0.00	41.76 2.59 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	24.52 -5.29 7.98	22.98 -4.68 6.01	21.18 -4.55 6.32	22.48 -4.34 3.72	23.71 -4.37 2.08	24.86 -4.43 1.29	23.25 -4.30 1.51	22.13 -3.69 2.35	22.11 -3.64 3.84	24.84 -3.53 0.80	24.29 -3.54 0.96	23.58 -3.79 2.94	24.42 -3.75 2.10	22.25 -3.96 6.00	23.98 -4.42 6.38	25.55 -5.09 6.78	26.97 -5.16 7.58	34.89 -5.90 4.58	40.52 -7.16 6.59	44.92 -7.83 5.28	45.99 -7.48 3.64	41.67 -6.58 2.78	37.18 -6.22 1.65	34.36 -4.82 0.00
PACKARD___115KV_DUPONT_184 80571	24.56 -5.25 7.98	23.01 -4.65 6.01	21.21 -4.52 6.32	22.48 -4.34 3.72	23.71 -4.37 2.08	24.89 -4.40 1.29	23.25 -4.30 1.51	22.13 -3.69 2.35	22.11 -3.64 3.84	24.83 -3.53 0.80	24.29 -3.54 0.96	23.58 -3.79 2.94	24.42 -3.76 2.10	22.24 -3.96 6.00	23.98 -4.42 6.38	25.74 -4.90 6.78	27.05 -5.08 7.58	34.93 -5.85 4.58	40.47 -7.22 6.59	44.80 -7.95 5.28	46.50 -6.97 3.64	41.67 -6.58 2.78	37.18 -6.22 1.65	34.08 -5.09 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.49 2.72 0.02	35.94 2.26 -0.01	34.17 2.12 0.00	32.42 1.89 0.01	32.01 1.84 0.00	32.22 1.65 0.01	30.89 1.83 0.01	29.99 1.83 0.00	31.64 2.04 0.00	31.24 2.07 0.00	31.09 2.30 0.00	32.73 2.42 0.00	32.79 2.51 0.00	34.75 2.54 0.00	37.49 2.71 0.00	40.64 3.22 0.00	43.97 3.69 -0.56	49.68 4.31 0.00	59.00 4.72 0.00	62.62 4.58 0.00	60.99 3.88 0.00	54.20 3.16 0.00	47.88 2.84 0.00	41.49 2.31 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.02 3.25 0.02	36.41 2.73 -0.01	34.62 2.56 0.00	32.85 2.32 0.01	32.43 2.26 0.00	32.68 2.11 0.01	31.32 2.27 0.01	30.42 2.25 0.00	32.08 2.49 0.00	31.64 2.48 0.00	31.50 2.71 0.00	33.15 2.85 0.00	33.24 2.97 0.00	35.23 3.03 0.00	38.01 3.23 0.00	41.20 3.78 0.00	44.61 4.33 -0.56	50.45 5.08 0.00	59.98 5.70 0.00	63.66 5.63 0.00	61.91 4.80 0.00	55.02 3.98 0.00	48.60 3.56 0.00	42.15 2.98 0.00
PATROON___115KV_TB1 80586	38.85 1.06 0.00	34.61 0.94 0.00	33.14 1.09 0.00	31.51 0.98 0.00	31.16 1.00 0.00	31.56 0.98 0.00	30.02 0.96 0.00	28.87 0.70 0.00	30.22 0.62 0.00	29.72 0.55 0.00	29.34 0.55 0.00	30.91 0.61 0.00	30.79 0.51 0.00	32.69 0.48 0.00	35.36 0.59 0.00	38.24 0.82 0.00	40.47 0.75 0.00	46.23 0.86 0.00	55.15 0.87 0.00	59.20 1.16 0.00	58.20 1.09 0.00	51.96 0.92 0.00	45.85 0.81 0.00	39.80 0.63 0.00
PATTRSNVILLE___SOLAR 323815	39.15 1.36 0.00	34.92 1.25 0.00	33.24 1.19 0.00	31.61 1.07 0.00	31.25 1.08 0.00	31.63 1.04 0.00	30.02 0.96 0.00	28.98 0.82 0.00	30.22 0.62 0.00	29.69 0.53 0.00	29.22 0.43 0.00	30.70 0.39 0.00	30.55 0.27 0.00	32.43 0.23 0.00	35.09 0.31 0.00	37.91 0.49 0.00	40.31 0.60 0.00	46.32 0.95 0.00	55.74 1.47 0.00	60.12 2.09 0.00	59.23 2.11 0.00	52.87 1.83 0.00	46.62 1.58 0.00	40.39 1.22 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	25.27 -3.33 9.20	23.56 -2.93 7.18	21.72 -2.88 7.45	23.56 -2.75 4.23	25.04 -2.99 2.14	26.26 -2.97 1.36	24.45 -2.88 1.73	23.02 -2.31 2.83	22.77 -2.19 4.64	26.04 -2.16 0.97	25.39 -2.25 1.16	24.43 -2.33 3.55	25.47 -2.27 2.54	22.61 -2.35 7.24	24.43 -2.64 7.70	26.26 -3.07 8.10	27.89 -2.90 8.93	37.01 -3.22 5.14	43.07 -3.91 7.30	48.19 -4.24 5.61	49.23 -4.17 3.72	44.12 -4.08 2.84	38.99 -4.37 1.68	35.53 -3.64 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.26 2.49 0.03	35.76 2.09 0.00	34.06 2.02 0.01	32.38 1.86 0.02	31.94 1.78 0.00	32.25 1.68 0.01	30.91 1.86 0.01	29.94 1.77 0.00	31.52 1.92 0.00	31.03 1.87 0.00	30.78 1.99 0.00	32.40 2.09 0.00	32.43 2.15 0.00	34.49 2.29 0.00	37.24 2.47 0.00	40.38 2.96 0.00	43.17 3.46 0.00	49.41 4.04 0.00	58.84 4.56 0.00	62.62 4.58 0.00	61.17 4.05 0.00	54.36 3.32 0.00	47.88 2.84 0.00	41.45 2.27 0.00
PEEKSKILL____ 23653	39.92 2.15 0.03	35.49 1.82 0.00	33.74 1.70 0.01	32.07 1.56 0.02	31.67 1.51 0.00	31.95 1.38 0.02	30.68 1.63 0.01	29.80 1.63 0.00	31.37 1.78 0.00	30.95 1.78 0.00	30.72 1.93 0.00	32.30 2.00 0.00	32.36 2.09 0.00	34.39 2.19 0.00	37.14 2.37 0.00	40.26 2.84 0.00	42.93 3.22 0.00	49.04 3.67 0.00	58.40 4.12 0.00	62.16 4.12 0.00	60.60 3.48 0.00	53.90 2.86 0.00	47.47 2.43 0.00	41.02 1.84 0.00
PGE MADISON__WINDPWR 24146	40.05 0.79 -1.46	35.91 0.81 -1.43	34.09 0.67 -1.36	31.78 0.64 -0.60	31.39 0.60 -0.62	31.47 0.80 -0.08	29.58 0.26 -0.26	29.06 0.34 -0.56	30.59 0.09 -0.91	29.36 0.00 -0.19	28.76 -0.26 -0.23	30.64 -0.36 -0.70	30.29 -0.48 -0.50	33.27 -0.35 -1.42	35.87 -0.42 -1.51	38.50 -0.52 -1.61	41.09 -0.20 -1.58	45.97 0.09 -0.51	55.87 1.03 -0.57	59.45 1.39 -0.02	58.71 1.77 0.17	52.47 1.63 0.20	46.10 1.17 0.12	40.23 1.06 0.00
PIERCEFIELD____HYD 23852	37.15 -0.64 0.00	33.10 -0.57 0.00	31.51 -0.54 0.00	30.08 -0.46 0.00	29.71 -0.45 0.00	30.19 -0.40 0.00	28.54 -0.52 0.00	27.57 -0.59 0.00	28.94 -0.65 0.00	28.50 -0.67 0.00	28.07 -0.72 0.00	29.46 -0.85 0.00	29.43 -0.85 0.00	31.33 -0.87 0.00	33.83 -0.94 0.00	36.49 -0.94 0.00	38.92 -0.79 0.00	44.28 -1.09 0.00	53.25 -1.03 0.00	56.99 -1.04 0.00	56.14 -0.97 0.00	50.58 -0.46 0.00	44.64 -0.41 0.00	39.10 -0.08 0.00
PINELAWN_CC_1 323563	41.02 3.25 0.03	36.37 2.69 0.00	34.45 2.41 0.01	32.56 2.05 0.02	32.03 1.87 0.00	32.16 1.59 0.01	31.17 2.12 0.01	30.36 2.20 0.00	31.99 2.40 0.00	31.76 2.59 0.00	35.85 2.76 -4.29	40.75 2.85 -7.60	42.79 2.88 -9.64	47.03 3.03 -11.80	49.08 3.27 -11.04	51.05 3.82 -9.81	53.05 4.29 -9.05	57.60 4.86 -7.37	62.23 5.64 -2.31	65.61 5.69 -1.88	61.91 4.80 0.00	55.12 4.08 0.00	47.93 2.89 0.00	41.84 2.67 0.00
PJM_GEN_HTP_PROXY 323702	40.19 2.42 0.03	35.73 2.05 0.00	34.00 1.96 0.01	32.29 1.77 0.02	31.88 1.72 0.00	32.13 1.56 0.01	30.92 1.86 0.01	30.08 1.92 0.00	31.73 2.13 0.00	31.32 2.16 0.00	31.12 2.33 0.00	32.73 2.43 0.00	32.76 2.48 0.00	34.84 2.64 0.00	37.59 2.82 0.00	40.75 3.33 0.00	44.44 3.78 -0.94	49.24 4.26 0.40	59.11 4.83 0.00	62.79 4.76 0.00	61.17 4.06 0.00	54.36 3.32 0.00	47.88 2.84 0.00	41.29 2.11 0.00
PJM_GEN_KEystone 24065	33.00 -0.72 4.07	30.46 -0.67 2.54	27.42 -0.67 3.96	25.79 -0.67 4.08	26.00 -0.75 3.41	27.60 -0.86 2.13	26.88 -0.67 1.51	27.00 -0.42 0.75	28.05 -0.32 1.22	28.62 -0.29 0.25	28.29 -0.20 0.30	29.13 -0.24 0.93	29.46 -0.15 0.67	30.17 -0.13 1.90	32.58 -0.17 2.02	35.20 -0.07 2.15	37.74 0.04 2.02	43.39 0.00 1.98	51.70 -0.27 2.31	55.62 -0.47 1.95	55.13 -0.63 1.35	45.50 -0.87 4.67	40.00 -0.95 4.09	34.49 -0.94 3.75
PJM_GEN_NEPTUNE_PROXY 323594	40.49 2.72 0.03	35.89 2.22 0.00	34.03 1.99 0.01	32.23 1.71 0.02	31.70 1.54 0.00	31.85 1.28 0.01	30.83 1.77 0.01	30.02 1.86 0.00	31.63 2.04 0.00	31.38 2.22 0.00	35.50 2.42 -4.29	40.39 2.49 -7.60	42.46 2.54 -9.64	44.76 2.67 -9.88	44.29 2.88 -6.63	46.69 3.37 -5.90	48.69 3.81 -5.16	53.88 4.22 -4.29	59.42 4.89 -0.26	63.17 4.93 -0.21	61.33 4.23 0.01	54.55 3.52 0.01	47.43 2.39 0.00	41.33 2.15 0.00
PJM_GEN_VFT_PROXY 323633	40.15 2.38 0.03	35.66 1.99 0.00	33.94 1.89 0.01	32.23 1.71 0.02	31.79 1.63 0.00	32.04 1.47 0.01	30.86 1.80 0.01	30.02 1.86 0.00	31.70 2.10 0.00	31.29 2.13 0.00	31.10 2.30 0.00	32.70 2.39 0.00	32.73 2.45 0.00	34.78 2.58 0.00	37.56 2.78 0.00	40.75 3.33 0.00	44.40 3.73 -0.95	49.19 4.22 0.40	59.00 4.72 0.00	62.68 4.64 0.00	61.05 3.94 0.00	54.21 3.17 0.00	47.74 2.70 0.00	41.17 2.00 0.00
PLATSBURG_115KV_PMLD1 355749	37.45 -0.34 0.00	33.37 -0.30 0.00	31.80 -0.26 0.00	30.35 -0.18 0.00	29.95 -0.21 0.00	30.37 -0.21 0.00	28.74 -0.32 0.00	27.82 -0.34 0.00	29.33 -0.27 0.00	28.93 -0.23 0.00	28.59 -0.20 0.00	30.12 -0.18 0.00	30.09 -0.18 0.00	32.07 -0.13 0.00	34.70 -0.07 0.00	37.46 0.04 0.00	39.96 0.24 0.00	45.46 0.09 0.00	54.60 0.33 0.00	58.50 0.46 0.00	57.45 0.34 0.00	51.60 0.56 0.00	45.58 0.54 0.00	39.96 0.78 0.00
PLEASANTVLY____LBMP 24000	39.73 1.97 0.03	35.32 1.65 0.00	33.62 1.57 0.01	31.98 1.47 0.02	31.55 1.39 0.00	31.89 1.32 0.01	30.57 1.51 0.01	29.65 1.49 0.00	31.19 1.60 0.00	30.80 1.63 0.00	30.55 1.76 0.00	32.12 1.82 0.00	32.15 1.88 0.00	34.13 1.93 0.00	36.86 2.09 0.00	39.93 2.51 0.00	42.58 2.86 0.00	48.64 3.27 0.00	57.91 3.64 0.00	61.63 3.60 0.00	60.20 3.08 0.00	53.59 2.55 0.00	47.25 2.21 0.00	40.86 1.68 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.03 2.27 0.03	35.59 1.92 0.00	33.87 1.83 0.01	32.20 1.68 0.02	31.76 1.60 0.00	32.07 1.50 0.01	30.77 1.71 0.01	29.88 1.72 0.00	31.49 1.89 0.00	31.06 1.90 0.00	30.84 2.04 0.00	32.43 2.12 0.00	32.49 2.21 0.00	34.49 2.29 0.00	37.24 2.47 0.00	40.34 2.92 0.00	43.09 3.38 0.00	49.23 3.86 0.00	58.62 4.34 0.00	62.33 4.29 0.00	60.82 3.71 0.00	54.05 3.01 0.00	47.65 2.61 0.00	41.21 2.04 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.03 2.27 0.03	35.59 1.92 0.00	33.87 1.83 0.01	32.20 1.68 0.02	31.76 1.60 0.00	32.07 1.50 0.01	30.77 1.71 0.01	29.88 1.72 0.00	31.49 1.89 0.00	31.06 1.90 0.00	30.84 2.04 0.00	32.43 2.12 0.00	32.49 2.21 0.00	34.49 2.29 0.00	37.24 2.47 0.00	40.34 2.92 0.00	43.09 3.38 0.00	49.23 3.86 0.00	58.62 4.34 0.00	62.33 4.29 0.00	60.82 3.71 0.00	54.05 3.01 0.00	47.65 2.61 0.00	41.21 2.04 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.07 2.31 0.03	35.62 1.95 0.00	33.90 1.86 0.01	32.23 1.71 0.02	31.82 1.66 0.00	32.16 1.59 0.01	30.80 1.74 0.01	29.80 1.63 0.00	31.31 1.72 0.00	30.83 1.66 0.00	30.55 1.76 0.00	32.15 1.85 0.00	32.18 1.91 0.00	34.20 2.00 0.00	36.96 2.19 0.00	40.11 2.69 0.00	42.82 3.10 0.00	49.00 3.63 0.00	58.24 3.96 0.00	62.04 4.00 0.00	60.65 3.54 0.00	53.95 2.91 0.00	47.56 2.52 0.00	41.10 1.92 0.00
POLETTI____ 23519	40.26 2.49 0.03	35.76 2.09 0.00	34.03 1.99 0.01	32.32 1.80 0.02	31.91 1.75 0.00	32.16 1.59 0.01	30.94 1.89 0.01	30.08 1.92 0.00	31.72 2.13 0.00	31.32 2.16 0.00	31.15 2.36 0.00	32.73 2.42 0.00	32.79 2.51 0.00	34.81 2.61 0.00	37.59 2.82 0.00	40.71 3.29 0.00	44.05 3.77 -0.56	49.63 4.26 0.00	59.11 4.83 0.00	62.74 4.70 0.00	61.17 4.05 0.00	54.36 3.32 0.00	47.92 2.88 0.00	41.41 2.23 0.00

POMONA___ESR 323819	39.88 2.12 0.03	35.45 1.78 0.00	33.74 1.70 0.01	32.07 1.56 0.02	31.64 1.48 0.00	31.95 1.38 0.02	30.65 1.60 0.01	29.74 1.58 0.00	31.34 1.75 0.00	30.92 1.75 0.00	30.69 1.90 0.00	32.27 1.97 0.00	32.30 2.03 0.00	34.36 2.16 0.00	37.10 2.33 0.00	40.26 2.84 0.00	42.93 3.22 0.00	49.00 3.63 0.00	58.40 4.12 0.00	62.16 4.12 0.00	60.60 3.48 0.00	53.90 2.86 0.00	47.47 2.43 0.00	40.98 1.80 0.00
PORT_JEFF_3 23555	40.97 3.21 0.03	36.43 2.76 0.00	34.45 2.41 0.01	32.56 2.05 0.02	32.03 1.87 0.00	32.13 1.56 0.01	31.17 2.12 0.01	30.36 2.20 0.00	31.99 2.40 0.00	31.82 2.65 0.00	35.85 2.76 -4.29	40.69 2.79 -7.60	42.70 2.78 -9.64	45.73 2.87 -10.66	46.29 3.09 -8.42	48.61 3.71 -7.48	50.43 4.21 -6.50	55.78 4.63 -5.78	60.58 5.21 -1.09	63.97 5.05 -0.89	61.16 4.06 0.00	54.76 3.72 0.00	47.65 2.61 0.00	41.72 2.54 0.00
PORT_JEFF_4 23616	40.97 3.21 0.03	36.43 2.76 0.00	34.45 2.41 0.01	32.56 2.05 0.02	32.03 1.87 0.00	32.13 1.56 0.01	31.17 2.12 0.01	30.36 2.20 0.00	31.99 2.40 0.00	31.82 2.65 0.00	35.85 2.76 -4.29	40.69 2.79 -7.60	42.70 2.78 -9.64	45.73 2.87 -10.66	46.29 3.09 -8.42	48.61 3.71 -7.48	50.43 4.21 -6.50	55.78 4.63 -5.78	60.58 5.21 -1.09	63.97 5.05 -0.89	61.16 4.06 0.00	54.76 3.72 0.00	47.65 2.61 0.00	41.72 2.54 0.00
PORT_JEFF_IC 23713	41.09 3.33 0.03	36.50 2.83 0.00	34.51 2.47 0.01	32.63 2.11 0.02	32.06 1.90 0.00	32.16 1.59 0.01	31.23 2.18 0.01	30.36 2.20 0.00	32.05 2.46 0.00	31.88 2.71 0.00	35.90 2.82 -4.29	40.78 2.88 -7.60	42.79 2.88 -9.64	45.86 2.96 -10.70	46.47 3.20 -8.50	48.72 3.74 -7.56	50.67 4.37 -6.58	56.00 4.81 -5.83	60.83 5.43 -1.13	63.88 4.93 -0.92	61.39 4.28 0.01	54.86 3.83 0.00	48.10 3.06 0.00	42.00 2.82 0.00
PPL PILGRIM_ST_GT1 24216	41.24 3.47 0.03	36.57 2.90 0.00	34.61 2.57 0.01	32.75 2.23 0.02	32.18 2.02 0.00	32.28 1.71 0.01	31.35 2.30 0.01	30.50 2.34 0.00	32.14 2.55 0.00	31.94 2.77 0.00	35.99 2.91 -4.29	40.91 3.00 -7.60	42.94 3.03 -9.64	46.21 3.16 -10.85	47.04 3.41 -8.86	49.26 3.96 -7.87	51.09 4.45 -6.93	56.45 5.04 -6.04	61.44 5.86 -1.30	64.89 5.80 -1.05	61.96 4.85 0.00	55.22 4.19 0.00	48.01 2.97 0.00	42.00 2.82 0.00
PPL PILGRIM_ST_GT2 24217	41.24 3.47 0.03	36.57 2.90 0.00	34.61 2.57 0.01	32.75 2.23 0.02	32.18 2.02 0.00	32.28 1.71 0.01	31.35 2.30 0.01	30.50 2.34 0.00	32.14 2.55 0.00	31.94 2.77 0.00	35.99 2.91 -4.29	40.91 3.00 -7.60	42.94 3.03 -9.64	46.21 3.16 -10.85	47.04 3.41 -8.86	49.26 3.96 -7.87	51.09 4.45 -6.93	56.45 5.04 -6.04	61.44 5.86 -1.30	64.89 5.80 -1.05	61.96 4.85 0.00	55.22 4.19 0.00	48.01 2.97 0.00	42.00 2.82 0.00
PPL_SHRM_GT3 24213	40.90 3.14 0.03	36.46 2.79 0.00	34.45 2.41 0.01	32.56 2.05 0.02	32.00 1.84 0.00	32.07 1.50 0.01	31.17 2.12 0.01	30.36 2.20 0.00	31.96 2.37 0.00	31.82 2.65 0.00	35.73 2.65 -4.29	40.54 2.64 -7.60	42.55 2.63 -9.64	45.49 2.61 -10.68	45.95 2.71 -8.46	48.42 3.48 -7.52	50.27 4.01 -6.54	55.57 4.40 -5.80	60.49 5.10 -1.11	63.81 4.88 -0.90	60.88 3.77 0.00	54.35 3.32 0.00	47.34 2.30 0.00	41.65 2.47 0.00
PPL_SHRM_GT4 24214	40.90 3.14 0.03	36.46 2.79 0.00	34.45 2.41 0.01	32.56 2.05 0.02	32.00 1.84 0.00	32.07 1.50 0.01	31.17 2.12 0.01	30.36 2.20 0.00	31.96 2.37 0.00	31.82 2.65 0.00	35.73 2.65 -4.29	40.54 2.64 -7.60	42.55 2.63 -9.64	45.49 2.61 -10.68	45.95 2.71 -8.46	48.42 3.48 -7.52	50.27 4.01 -6.54	55.57 4.40 -5.80	60.49 5.10 -1.11	63.81 4.88 -0.90	60.88 3.77 0.00	54.35 3.32 0.00	47.34 2.30 0.00	41.65 2.47 0.00
PROJECT___ORANGE 1 24174	37.08 -0.72 0.00	33.03 -0.64 0.00	31.41 -0.64 0.00	29.93 -0.61 0.00	29.56 -0.60 0.00	30.00 -0.58 0.00	28.42 -0.64 0.00	27.63 -0.54 0.00	29.09 -0.50 0.00	28.67 -0.50 0.00	28.24 -0.55 0.00	29.73 -0.58 0.00	29.70 -0.58 0.00	31.66 -0.55 0.00	34.15 -0.63 0.00	36.56 -0.86 0.00	38.52 -0.99 0.21	43.71 -1.09 0.57	52.12 -1.19 0.96	55.70 -1.16 1.17	55.08 -1.03 1.01	49.27 -0.97 0.81	43.66 -0.90 0.48	38.43 -0.74 0.00
PROJECT___ORANGE 2 24166	37.08 -0.72 0.00	33.03 -0.64 0.00	31.41 -0.64 0.00	29.93 -0.61 0.00	29.56 -0.60 0.00	30.00 -0.58 0.00	28.42 -0.64 0.00	27.63 -0.54 0.00	29.09 -0.50 0.00	28.67 -0.50 0.00	28.24 -0.55 0.00	29.73 -0.58 0.00	29.70 -0.58 0.00	31.66 -0.55 0.00	34.15 -0.63 0.00	36.56 -0.86 0.00	38.52 -0.99 0.21	43.71 -1.09 0.57	52.12 -1.19 0.96	55.70 -1.16 1.17	55.08 -1.03 1.01	49.27 -0.97 0.81	43.66 -0.90 0.48	38.43 -0.74 0.00
PUCKETT___SOLAR 323809	38.58 -0.04 -0.82	34.57 0.00 -0.90	32.85 -0.03 -0.83	30.78 -0.06 -0.31	30.48 -0.09 -0.40	30.52 -0.06 0.00	28.91 -0.29 -0.14	28.29 -0.23 -0.35	29.87 -0.30 -0.58	28.94 -0.35 -0.12	28.47 -0.46 -0.14	30.23 -0.52 -0.44	30.08 -0.51 -0.31	32.65 -0.45 -0.90	35.21 -0.52 -0.96	37.84 -0.60 -1.02	40.18 -0.47 -0.94	45.14 -0.41 -0.18	54.24 -0.16 -0.12	57.75 0.00 0.28	56.93 0.17 0.35	50.81 0.10 0.33	44.71 -0.13 0.19	39.06 -0.12 0.00
PYRITES___HYD 24023	37.76 -0.04 0.00	33.64 -0.03 0.00	32.02 -0.03 0.00	30.57 0.03 0.00	30.20 0.03 0.00	30.68 0.09 0.00	28.97 -0.09 0.00	27.94 -0.23 0.00	29.24 -0.36 0.00	28.76 -0.41 0.00	28.30 -0.49 0.00	29.73 -0.58 0.00	29.67 -0.61 0.00	31.62 -0.58 0.00	34.15 -0.63 0.00	36.82 -0.60 0.00	39.32 -0.40 0.00	44.78 -0.59 0.00	54.01 -0.27 0.00	57.86 -0.17 0.00	57.05 -0.06 0.00	51.45 0.41 0.00	45.31 0.27 0.00	39.72 0.55 0.00
QUAKERRD_115KV_BK1 80622	34.74 -3.17 -0.12	30.84 -2.83 0.00	29.34 -2.76 -0.04	28.02 -2.60 -0.08	25.90 -2.56 1.70	28.11 -2.54 -0.06	26.53 -2.56 -0.03	25.88 -2.28 0.00	27.34 -2.25 0.00	26.98 -2.19 0.00	26.57 -2.22 0.00	27.94 -2.36 0.00	27.97 -2.30 0.00	29.79 -2.42 0.00	32.03 -2.75 0.00	34.09 -3.33 0.00	35.76 -3.46 0.50	40.15 -3.86 1.37	47.46 -4.51 2.32	50.52 -4.70 2.81	50.12 -4.40 2.59	45.23 -3.88 1.93	40.66 -3.24 1.14	36.51 -2.66 0.00
QUENSBRY_115KV_TB8 356137	40.67 2.87 0.00	36.26 2.59 0.00	34.49 2.44 0.00	32.74 2.20 0.00	32.43 2.26 0.00	32.79 2.20 0.00	31.12 2.06 0.00	29.96 1.80 0.00	31.22 1.63 0.00	30.60 1.43 0.00	29.83 1.04 0.00	31.37 1.06 0.00	30.91 0.64 0.00	32.69 0.48 0.00	35.50 0.73 0.00	38.54 1.12 0.00	41.35 1.63 0.00	47.64 2.27 0.00	57.70 3.42 0.00	62.91 4.87 0.00	62.19 5.08 0.00	55.43 4.39 0.00	48.73 3.69 0.00	42.19 3.02 0.00
RAMAPO___LBMP 323565	39.73 1.97 0.03	35.32 1.65 0.00	33.61 1.57 0.01	31.95 1.44 0.02	31.52 1.36 0.00	31.82 1.25 0.02	30.54 1.48 0.01	29.63 1.46 0.00	31.22 1.63 0.00	30.80 1.63 0.00	30.58 1.79 0.00	32.15 1.85 0.00	32.21 1.94 0.00	34.23 2.03 0.00	36.96 2.19 0.00	40.04 2.62 0.00	42.74 3.02 0.00	48.77 3.40 0.00	58.08 3.80 0.00	61.75 3.71 0.00	60.31 3.20 0.00	53.64 2.60 0.00	47.29 2.25 0.00	40.90 1.72 0.00

RANKINE_____	23.54	21.99	20.24	22.44	24.25	25.50	23.61	22.07	21.58	25.25	24.59	23.32	24.46	21.07	22.78	24.47	25.95	35.43	41.12	46.39	47.79	43.06	38.68	35.45
23646	-4.23	-3.77	-3.65	-3.51	-3.62	-3.64	-3.57	-2.99	-2.93	-2.86	-2.94	-3.09	-3.03	-3.19	-3.55	-4.04	-3.97	-4.40	-5.32	-5.69	-5.43	-5.00	-4.59	-3.72
	10.02	7.91	8.16	4.58	2.29	1.45	1.88	3.11	5.09	1.06	1.27	3.89	2.78	7.94	8.45	8.91	9.79	5.54	7.84	5.95	3.90	2.97	1.76	0.00
RAVENSWOOD_GT2_1	40.26	35.76	34.03	32.32	31.91	32.16	30.94	30.08	31.72	31.32	31.15	32.73	32.79	34.81	37.59	40.71	44.05	49.68	59.11	62.79	61.17	54.36	47.97	41.41
24244	2.49	2.09	1.99	1.80	1.75	1.59	1.89	1.92	2.13	2.16	2.36	2.42	2.51	2.61	2.82	3.29	3.77	4.31	4.83	4.76	4.05	3.32	2.93	2.23
	0.03	0.00	0.01	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_2	40.26	35.76	34.03	32.32	31.91	32.16	30.94	30.08	31.72	31.32	31.15	32.73	32.79	34.81	37.59	40.71	44.05	49.68	59.11	62.79	61.17	54.36	47.97	41.41
24245	2.49	2.09	1.99	1.80	1.75	1.59	1.89	1.92	2.13	2.16	2.36	2.42	2.51	2.61	2.82	3.29	3.77	4.31	4.83	4.76	4.05	3.32	2.93	2.23
	0.03	0.00	0.01	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_3	40.30	35.79	34.03	32.35	31.94	32.19	30.94	30.11	31.75	31.35	31.15	32.73	32.79	34.84	37.59	40.71	44.09	49.68	59.16	62.79	61.22	54.36	47.97	41.45
24246	2.53	2.12	1.99	1.83	1.78	1.62	1.89	1.94	2.16	2.19	2.36	2.42	2.51	2.64	2.82	3.29	3.81	4.31	4.88	4.76	4.11	3.32	2.93	2.27
	0.03	0.00	0.01	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_4	40.30	35.79	34.03	32.35	31.94	32.19	30.94	30.11	31.75	31.35	31.15	32.73	32.79	34.84	37.59	40.71	44.09	49.68	59.16	62.79	61.22	54.36	47.97	41.45
24247	2.53	2.12	1.99	1.83	1.78	1.62	1.89	1.94	2.16	2.19	2.36	2.42	2.51	2.64	2.82	3.29	3.81	4.31	4.88	4.76	4.11	3.32	2.93	2.27
	0.03	0.00	0.01	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_1	40.30	35.76	34.03	32.32	31.91	32.16	30.94	30.08	31.72	31.32	31.15	32.73	32.79	34.81	37.59	40.71	44.05	49.63	59.11	62.74	61.17	54.36	47.97	41.41
24248	2.53	2.09	1.99	1.80	1.75	1.59	1.89	1.92	2.13	2.16	2.36	2.42	2.51	2.61	2.82	3.29	3.77	4.26	4.83	4.70	4.05	3.32	2.93	2.23
	0.03	0.00	0.01	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_2	40.30	35.76	34.03	32.32	31.91	32.16	30.94	30.08	31.72	31.32	31.15	32.73	32.79	34.81	37.59	40.71	44.05	49.63	59.11	62.74	61.17	54.36	47.97	41.41
24249	2.53	2.09	1.99	1.80	1.75	1.59	1.89	1.92	2.13	2.16	2.36	2.42	2.51	2.61	2.82	3.29	3.77	4.26	4.83	4.70	4.05	3.32	2.93	2.23
	0.03	0.00	0.01	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_3	40.33	35.83	34.06	32.38	31.97	32.22	30.97	30.13	31.78	31.38	31.18	32.79	32.85	34.88	37.66	40.79	44.13	49.72	59.22	62.85	61.28	54.46	48.01	41.49
24250	2.57	2.15	2.02	1.86	1.81	1.65	1.92	1.97	2.19	2.22	2.39	2.48	2.57	2.67	2.89	3.37	3.85	4.36	4.94	4.82	4.17	3.42	2.97	2.31
	0.03	0.00	0.01	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_4	40.33	35.83	34.06	32.38	31.97	32.22	30.97	30.13	31.78	31.38	31.18	32.79	32.85	34.88	37.66	40.79	44.13	49.72	59.22	62.85	61.28	54.46	48.01	41.49
24251	2.57	2.15	2.02	1.86	1.81	1.65	1.92	1.97	2.19	2.22	2.39	2.48	2.57	2.67	2.89	3.37	3.85	4.36	4.94	4.82	4.17	3.42	2.97	2.31
	0.03	0.00	0.01	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_1	40.46	35.94	34.17	32.48	32.07	32.28	31.00	30.13	31.75	31.38	31.21	32.82	32.88	34.91	37.66	40.79	44.17	49.82	59.27	62.91	61.22	54.41	48.06	41.57
23729	2.68	2.26	2.12	1.95	1.90	1.71	1.95	1.97	2.16	2.22	2.42	2.52	2.60	2.71	2.89	3.37	3.89	4.45	4.99	4.87	4.11	3.37	3.02	2.39
	0.02	-0.01	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_10	40.26	35.76	34.03	32.32	31.91	32.16	30.94	30.08	31.72	31.32	31.12	32.73	32.79	34.81	37.59	40.71	44.05	49.63	59.11	62.74	61.17	54.36	47.92	41.41
24258	2.49	2.09	1.99	1.80	1.75	1.59	1.89	1.92	2.13	2.16	2.33	2.42	2.51	2.61	2.82	3.29	3.77	4.26	4.83	4.70	4.05	3.32	2.88	2.23
	0.03	0.00	0.01	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_11	40.26	35.76	34.03	32.32	31.91	32.16	30.94	30.08	31.72	31.32	31.12	32.73	32.79	34.81	37.59	40.71	44.05	49.63	59.11	62.74	61.17	54.36	47.92	41.41
24259	2.49	2.09	1.99	1.80	1.75	1.59	1.89	1.92	2.13	2.16	2.33	2.42	2.51	2.61	2.82	3.29	3.77	4.26	4.83	4.70	4.05	3.32	2.88	2.23
	0.03	0.00	0.01	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_4	40.34	35.80	34.07	32.39	31.95	32.19	30.94	30.08	31.72	31.32	31.15	32.76	32.82	34.84	37.59	40.71	44.09	49.68	59.16	62.79	61.17	54.36	47.97	41.45
24252	2.57	2.12	2.02	1.86	1.78	1.62	1.89	1.92	2.13	2.16	2.36	2.45	2.54	2.64	2.82	3.29	3.81	4.31	4.88	4.76	4.05	3.32	2.93	2.27
	0.02	-0.01	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_5	40.34	35.80	34.07	32.39	31.95	32.19	30.94	30.08	31.72	31.32	31.15	32.76	32.82	34.84	37.59	40.71	44.09	49.68	59.16	62.79	61.17	54.36	47.97	41.45
24254	2.57	2.12	2.02	1.86	1.78	1.62	1.89	1.92	2.13	2.16	2.36	2.45	2.54	2.64	2.82	3.29	3.81	4.31	4.88	4.76	4.05	3.32	2.93	2.27
	0.02	-0.01	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_6	40.34	35.80	34.07	32.39	31.95	32.19	30.94	30.08	31.72	31.32	31.15	32.76	32.82	34.84	37.59	40.71	44.09	49.68	59.16	62.79	61.17	54.36	47.97	41.45
24253	2.57	2.12	2.02	1.86	1.78	1.62	1.89	1.92	2.13	2.16	2.36	2.45	2.54	2.64	2.82	3.29	3.81	4.31	4.88	4.76	4.05	3.32	2.93	2.27
	0.02	-0.01	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00

RAVENSWOOD_GT_7 24255	40.34 2.57 0.02	35.80 2.12 -0.01	34.07 2.02 0.00	32.39 1.86 0.01	31.95 1.78 0.00	32.19 1.62 0.01	30.94 1.89 0.01	30.08 1.92 0.00	31.72 2.13 0.00	31.32 2.16 0.00	31.15 2.36 0.00	32.76 2.45 0.00	32.82 2.54 0.00	34.84 2.64 0.00	37.59 2.82 0.00	40.71 3.29 0.00	44.09 3.81 -0.56	49.68 4.31 0.00	59.16 4.88 0.00	62.79 4.76 0.00	61.17 4.05 0.00	54.36 3.32 0.00	47.97 2.93 0.00	41.45 2.27 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.26 2.49 0.03	35.76 2.09 0.00	34.03 1.99 0.01	32.32 1.80 0.02	31.91 1.75 0.01	32.16 1.59 0.01	30.94 1.89 0.01	30.08 1.92 0.00	31.72 2.13 0.00	31.32 2.16 0.00	31.12 2.33 0.00	32.73 2.42 0.00	32.79 2.51 0.00	34.81 2.61 0.00	37.59 2.82 0.00	40.71 3.29 0.00	44.05 3.77 -0.56	49.63 4.26 0.00	59.11 4.83 0.00	62.74 4.70 0.00	61.17 4.05 0.00	54.36 3.32 0.00	47.92 2.88 0.00	41.41 2.23 0.00
RAVENSWOOD_GT_9 24257	40.26 2.49 0.03	35.76 2.09 0.00	34.03 1.99 0.01	32.32 1.80 0.02	31.91 1.75 0.01	32.16 1.59 0.01	30.94 1.89 0.01	30.08 1.92 0.00	31.72 2.13 0.00	31.32 2.16 0.00	31.12 2.33 0.00	32.73 2.42 0.00	32.79 2.51 0.00	34.81 2.61 0.00	37.59 2.82 0.00	40.71 3.29 0.00	44.05 3.77 -0.56	49.63 4.26 0.00	59.11 4.83 0.00	62.74 4.70 0.00	61.17 4.05 0.00	54.36 3.32 0.00	47.92 2.88 0.00	41.41 2.23 0.00
RAVENSWOOD___1 23533	40.46 2.68 0.02	35.90 2.22 -0.01	34.17 2.12 0.00	32.45 1.93 0.01	32.04 1.87 0.00	32.25 1.68 0.01	31.00 1.95 0.01	30.13 1.97 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.21 2.42 0.00	32.82 2.51 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.62 2.85 0.00	40.86 3.44 0.00	44.13 3.85 -0.56	49.82 4.45 0.00	59.22 4.94 0.00	62.91 4.88 0.00	61.23 4.11 0.00	54.41 3.37 0.00	48.01 2.97 0.00	41.41 2.23 0.00
RAVENSWOOD___2 23534	40.42 2.64 0.02	35.90 2.22 -0.01	34.17 2.12 0.00	32.45 1.93 0.01	32.04 1.87 0.00	32.25 1.68 0.01	31.00 1.95 0.01	30.13 1.97 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.82 2.51 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.62 2.85 0.00	40.83 3.40 0.00	44.13 3.85 -0.56	49.77 4.40 0.00	59.22 4.94 0.00	62.91 4.88 0.00	61.23 4.11 0.00	54.41 3.37 0.00	47.97 2.93 0.00	41.41 2.23 0.00
RAVENSWOOD___3 23535	40.26 2.49 0.03	35.76 2.09 0.00	34.03 1.99 0.01	32.32 1.80 0.02	31.91 1.75 0.00	32.16 1.59 0.01	30.94 1.89 0.01	30.08 1.92 0.00	31.73 2.13 0.00	31.32 2.16 0.00	31.15 2.36 0.00	32.73 2.43 0.00	32.79 2.51 0.00	34.81 2.61 0.00	37.59 2.82 0.00	40.79 3.37 0.00	44.06 3.78 -0.56	49.63 4.26 0.00	59.11 4.83 0.00	62.79 4.76 0.00	61.17 4.06 0.00	54.36 3.32 0.00	47.88 2.84 0.00	41.29 2.11 0.00
RAVENSWOOD___4 23820	40.42 2.64 0.02	35.90 2.22 -0.01	34.17 2.12 0.00	32.45 1.93 0.01	32.04 1.87 0.00	32.25 1.68 0.01	30.97 1.92 0.01	30.10 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.79 2.49 0.00	32.88 2.60 0.00	34.87 2.67 0.00	37.62 2.85 0.00	40.83 3.40 0.00	44.13 3.85 -0.56	49.77 4.40 0.00	59.22 4.94 0.00	62.91 4.88 0.00	61.17 4.06 0.00	54.41 3.37 0.00	47.97 2.93 0.00	41.41 2.23 0.00
RCPL_TRUST___DRP 24196	40.45 2.68 0.03	35.79 2.12 0.00	34.03 1.99 0.01	32.35 1.83 0.02	31.91 1.75 0.00	32.19 1.62 0.01	30.94 1.89 0.01	30.11 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.76 2.45 0.00	32.82 2.54 0.00	34.88 2.67 0.00	37.66 2.89 0.00	40.75 3.33 0.00	44.16 3.89 -0.55	49.72 4.36 0.00	59.22 4.94 0.00	62.85 4.82 0.00	61.28 4.17 0.00	54.41 3.37 0.00	48.01 2.97 0.00	41.45 2.27 0.00
RED___ROCHESTER 323720	35.32 -2.57 -0.10	31.39 -2.29 -0.01	29.82 -2.28 -0.04	28.46 -2.14 -0.06	26.88 -2.11 1.18	28.55 -2.08 -0.05	26.90 -2.18 -0.02	26.33 -1.83 0.00	27.85 -1.75 0.00	27.47 -1.69 0.00	27.06 -1.73 0.00	28.49 -1.82 0.00	28.55 -1.72 0.00	30.40 -1.80 0.00	32.65 -2.12 0.00	34.74 -2.69 -0.01	36.44 -2.78 0.50	40.92 -3.04 1.41	48.37 -3.53 2.38	51.49 -3.65 2.89	51.66 -2.85 2.60	46.20 -2.86 1.98	41.53 -2.34 1.17	37.22 -1.96 0.00
REGAN___SOLAR 323812	39.96 2.19 0.03	35.66 1.99 0.00	33.90 1.86 0.01	32.20 1.68 0.02	31.85 1.69 0.00	32.19 1.62 0.01	30.45 1.39 0.01	29.17 1.01 0.00	30.22 0.62 0.00	29.49 0.32 0.00	28.91 0.12 0.00	30.34 0.03 0.00	30.07 -0.21 0.00	31.85 -0.35 0.00	34.49 -0.28 0.00	37.35 -0.07 0.00	39.80 0.08 0.00	46.05 0.68 0.00	56.18 1.90 0.00	61.40 3.36 0.00	60.88 3.77 0.00	54.31 3.27 0.00	47.79 2.75 0.00	41.41 2.23 0.00
RENSSELAER___COGEN 23796	38.70 0.91 0.00	34.45 0.78 0.00	32.98 0.93 0.00	31.39 0.85 0.00	31.04 0.88 0.00	31.44 0.86 0.00	29.90 0.84 0.00	28.75 0.59 0.00	30.10 0.50 0.00	29.63 0.47 0.00	29.25 0.46 0.00	30.82 0.51 0.00	30.73 0.45 0.00	32.62 0.42 0.00	35.30 0.52 0.00	38.17 0.75 0.00	40.31 0.60 0.00	46.05 0.68 0.00	54.88 0.60 0.00	58.79 0.75 0.00	57.80 0.69 0.00	51.60 0.56 0.00	45.67 0.63 0.00	39.49 0.31 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.91 4.12 0.00	37.51 3.84 0.00	35.61 3.56 0.00	33.71 3.18 0.00	33.45 3.29 0.00	33.74 3.15 0.00	31.94 2.88 0.00	30.58 2.42 0.00	31.78 2.19 0.00	31.00 1.84 0.00	30.20 1.41 0.00	31.70 1.39 0.00	31.09 0.82 0.00	32.88 0.68 0.00	35.85 1.08 0.00	39.03 1.61 0.00	41.94 2.22 0.00	48.59 3.22 0.00	59.16 4.88 0.00	65.35 7.31 0.00	64.82 7.71 0.00	57.78 6.74 0.00	50.67 5.63 0.00	43.88 4.70 0.00
REVERE_CPPR_DRP 24186	38.25 0.45 0.00	34.11 0.44 0.00	32.44 0.38 0.00	30.87 0.34 0.00	30.50 0.33 0.00	31.04 0.46 0.00	29.35 0.29 0.00	28.44 0.28 0.00	29.77 0.18 0.00	29.28 0.12 0.00	28.79 0.00 0.00	30.30 0.00 0.00	30.22 -0.06 0.00	32.20 0.00 0.00	34.74 -0.03 0.00	37.31 -0.11 0.00	39.63 0.00 0.09	45.22 0.09 0.24	54.47 0.60 0.40	58.18 0.64 0.49	57.49 0.80 0.42	51.47 0.77 0.34	45.38 0.54 0.20	39.65 0.47 0.00
REYNLDDPA_13_KV_LD 356490	37.68 -0.11 0.00	33.57 -0.10 0.00	31.99 -0.06 0.00	30.51 -0.03 0.00	30.14 -0.03 0.00	30.55 -0.03 0.00	28.95 -0.12 0.00	28.02 -0.14 0.00	29.48 -0.12 0.00	29.05 -0.12 0.00	28.68 -0.11 0.00	30.21 -0.09 0.00	30.19 -0.09 0.00	32.14 -0.06 0.00	34.70 -0.07 0.00	37.42 0.00 0.00	39.80 0.08 0.00	45.28 -0.09 0.00	53.90 -0.38 0.00	57.57 -0.47 0.00	56.60 -0.52 0.00	51.30 0.26 0.00	45.31 0.27 0.00	39.65 0.47 0.00
REYNOLDS_115KV_TB3 80639	39.00 1.21 0.00	34.68 1.01 0.00	33.18 1.12 0.00	31.55 1.01 0.00	31.19 1.03 0.00	31.63 1.04 0.00	30.11 1.05 0.00	29.01 0.84 0.00	30.36 0.77 0.00	29.90 0.73 0.00	29.51 0.72 0.00	31.09 0.79 0.00	31.00 0.73 0.00	32.88 0.68 0.00	35.57 0.80 0.00	38.47 1.05 0.00	40.55 0.83 0.00	46.37 1.00 0.00	55.20 0.92 0.00	59.20 1.16 0.00	58.20 1.09 0.00	51.91 0.87 0.00	45.85 0.81 0.00	39.76 0.59 0.00

RIVERBAY____ 323610	41.02 3.25 0.02	36.41 2.73 -0.01	34.62 2.56 0.00	32.85 2.32 0.01	32.43 2.26 0.00	32.68 2.11 0.01	31.32 2.27 0.01	30.42 2.25 0.00	32.08 2.49 0.00	31.64 2.48 0.00	31.50 2.71 0.00	33.15 2.85 0.00	33.24 2.97 0.00	35.23 3.03 0.00	38.01 3.23 0.00	41.20 3.78 0.00	44.61 4.33 -0.56	50.45 5.08 0.00	59.98 5.70 0.00	63.66 5.63 0.00	61.91 4.80 0.00	55.02 3.98 0.00	48.60 3.56 0.00	42.15 2.98 0.00
RIVERSDE_115KV_TB3 55908	38.85 1.06 0.00	34.61 0.94 0.00	33.11 1.06 0.00	31.48 0.95 0.00	31.16 1.00 0.00	31.56 0.98 0.00	30.05 0.99 0.00	28.89 0.73 0.00	30.24 0.65 0.00	29.78 0.61 0.00	29.40 0.60 0.00	30.97 0.67 0.00	30.85 0.58 0.00	32.75 0.55 0.00	35.43 0.66 0.00	38.32 0.90 0.00	40.47 0.75 0.00	46.23 0.86 0.00	55.09 0.81 0.00	59.08 1.04 0.00	58.08 0.97 0.00	51.86 0.82 0.00	45.81 0.77 0.00	39.69 0.51 0.00
ROARING__BROOK_WT_PWR 323790	36.77 -1.02 0.00	32.76 -0.91 0.00	31.22 -0.83 0.00	29.78 -0.76 0.00	29.47 -0.69 0.00	29.91 -0.67 0.00	28.42 -0.64 0.00	27.57 -0.59 0.00	29.00 -0.59 0.00	28.61 -0.56 0.00	28.24 -0.55 0.00	29.73 -0.58 0.00	29.67 -0.61 0.00	31.56 -0.64 0.00	34.04 -0.73 0.00	36.63 -0.79 0.00	38.92 -0.79 0.00	44.51 -0.86 0.00	53.41 -0.87 0.00	57.22 -0.81 0.00	56.37 -0.74 0.00	50.48 -0.56 0.00	44.59 -0.45 0.00	38.86 -0.31 0.00
ROCHESRG_115KV_T4 355643	33.65 -3.06 1.09	29.86 -2.73 1.09	28.36 -2.66 1.03	27.60 -2.50 0.44	26.35 -2.47 1.35	28.06 -2.48 0.05	26.37 -2.50 0.19	25.57 -2.17 0.42	26.80 -2.10 0.69	26.98 -2.04 0.14	26.55 -2.07 0.17	27.56 -2.21 0.53	27.75 -2.15 0.38	28.87 -2.25 1.08	31.05 -2.57 1.15	33.02 -3.18 1.22	34.65 -3.26 1.81	39.69 -3.63 2.05	46.79 -4.23 3.25	50.12 -4.47 3.44	50.12 -4.11 2.88	45.21 -3.62 2.20	40.77 -2.97 1.30	36.75 -2.43 0.00
ROCHESTER_9_IC 23652	35.13 -2.76 -0.09	31.23 -2.46 -0.01	29.66 -2.44 -0.04	28.31 -2.29 -0.06	26.73 -2.26 1.18	28.40 -2.23 -0.05	26.76 -2.32 -0.02	26.19 -1.97 0.00	27.70 -1.89 0.00	27.33 -1.84 0.00	26.92 -1.87 0.00	28.33 -1.97 0.00	28.37 -1.91 0.00	30.21 -2.00 0.00	32.48 -2.30 0.00	34.48 -2.96 -0.01	36.24 -2.98 0.50	40.65 -3.31 1.40	48.10 -3.80 2.38	51.20 -3.95 2.89	50.92 -3.60 2.59	45.89 -3.16 1.98	41.26 -2.61 1.17	37.06 -2.12 0.00
ROCKVIEW_13_KV_LD 356306	40.22 2.46 0.03	35.76 2.09 0.00	34.00 1.96 0.01	32.32 1.80 0.02	31.88 1.72 0.00	32.19 1.62 0.01	30.91 1.86 0.01	30.05 1.89 0.00	31.67 2.07 0.00	31.24 2.07 0.00	31.04 2.25 0.00	32.61 2.30 0.00	32.67 2.39 0.00	34.71 2.51 0.00	37.49 2.71 0.00	40.60 3.18 0.00	43.41 3.69 0.00	49.54 4.17 0.00	59.05 4.78 0.00	62.74 4.70 0.00	61.17 4.05 0.00	54.36 3.32 0.00	47.92 2.88 0.00	41.41 2.23 0.00
ROME____115KV_TB2 80656	38.25 0.45 0.00	34.11 0.44 0.00	32.44 0.38 0.00	30.87 0.34 0.00	30.50 0.33 0.00	31.04 0.46 0.00	29.35 0.29 0.00	28.44 0.28 0.00	29.77 0.18 0.00	29.28 0.12 0.00	28.79 0.00 0.00	30.30 0.00 0.00	30.22 -0.06 0.00	32.20 0.00 0.00	34.74 -0.03 0.00	37.31 -0.11 0.00	39.63 0.00 0.09	45.22 0.09 0.24	54.47 0.60 0.40	58.18 0.64 0.49	57.49 0.80 0.42	51.47 0.77 0.34	45.38 0.54 0.20	39.65 0.47 0.00
ROSETON__1 23587	39.69 1.93 0.03	35.29 1.62 0.00	33.58 1.54 0.01	31.92 1.41 0.02	31.52 1.36 0.00	31.82 1.25 0.02	30.51 1.45 0.01	29.63 1.46 0.00	31.16 1.57 0.00	30.77 1.60 0.00	30.52 1.73 0.00	32.09 1.79 0.00	32.12 1.85 0.00	34.13 1.93 0.00	36.86 2.09 0.00	39.97 2.55 0.00	42.58 2.86 0.00	48.59 3.22 0.00	57.97 3.69 0.00	61.69 3.66 0.00	60.19 3.08 0.00	53.59 2.55 0.00	47.20 2.16 0.00	40.78 1.61 0.00
ROSETON__2 23588	39.69 1.93 0.03	35.29 1.62 0.00	33.58 1.54 0.01	31.92 1.41 0.02	31.52 1.36 0.00	31.82 1.25 0.02	30.51 1.45 0.01	29.63 1.46 0.00	31.16 1.57 0.00	30.77 1.60 0.00	30.52 1.73 0.00	32.09 1.79 0.00	32.12 1.85 0.00	34.13 1.93 0.00	36.86 2.09 0.00	39.97 2.55 0.00	42.58 2.86 0.00	48.59 3.22 0.00	57.97 3.69 0.00	61.69 3.66 0.00	60.19 3.08 0.00	53.59 2.55 0.00	47.20 2.16 0.00	40.78 1.61 0.00
ROTTDRAM_115KV_TB3 80664	38.93 1.13 0.00	34.72 1.04 0.00	33.05 0.99 0.00	31.42 0.89 0.00	31.07 0.90 0.00	31.47 0.89 0.00	29.93 0.87 0.00	28.92 0.76 0.00	30.27 0.68 0.00	29.81 0.64 0.00	29.40 0.60 0.00	30.91 0.61 0.00	30.82 0.54 0.00	32.72 0.52 0.00	35.40 0.63 0.00	38.21 0.79 0.00	40.55 0.83 0.00	46.46 1.09 0.00	55.63 1.36 0.00	59.72 1.68 0.00	58.77 1.66 0.00	52.47 1.43 0.00	46.26 1.22 0.00	40.12 0.94 0.00
RUSSELL__1 23602	35.32 -2.57 -0.10	31.36 -2.32 -0.01	29.82 -2.28 -0.04	28.43 -2.17 -0.06	26.88 -2.11 1.18	28.55 -2.08 -0.05	26.90 -2.18 -0.02	26.33 -1.83 0.00	27.85 -1.75 0.00	27.47 -1.69 0.00	27.06 -1.73 0.00	28.49 -1.82 0.00	28.52 -1.76 0.00	30.40 -1.80 0.00	32.65 -2.12 0.00	34.67 -2.77 -0.01	36.44 -2.78 0.50	40.88 -3.09 1.41	48.42 -3.47 2.38	51.54 -3.60 2.89	51.26 -3.26 2.60	46.20 -2.86 1.98	41.53 -2.34 1.17	37.26 -1.92 0.00
RUSSELL__2 23532	35.32 -2.57 -0.10	31.36 -2.32 -0.01	29.82 -2.28 -0.04	28.43 -2.17 -0.06	26.88 -2.11 1.18	28.55 -2.08 -0.05	26.90 -2.18 -0.02	26.33 -1.83 0.00	27.85 -1.75 0.00	27.47 -1.69 0.00	27.06 -1.73 0.00	28.49 -1.82 0.00	28.52 -1.76 0.00	30.40 -1.80 0.00	32.65 -2.12 0.00	34.67 -2.77 -0.01	36.44 -2.78 0.50	40.88 -3.09 1.41	48.42 -3.47 2.38	51.54 -3.60 2.89	51.26 -3.26 2.60	46.20 -2.86 1.98	41.53 -2.34 1.17	37.26 -1.92 0.00
RUSSELL__3 23549	35.32 -2.57 -0.10	31.36 -2.32 -0.01	29.82 -2.28 -0.04	28.43 -2.17 -0.06	26.88 -2.11 1.18	28.55 -2.08 -0.05	26.90 -2.18 -0.02	26.33 -1.83 0.00	27.85 -1.75 0.00	27.47 -1.69 0.00	27.06 -1.73 0.00	28.49 -1.82 0.00	28.52 -1.76 0.00	30.40 -1.80 0.00	32.65 -2.12 0.00	34.67 -2.77 -0.01	36.44 -2.78 0.50	40.88 -3.09 1.41	48.42 -3.47 2.38	51.54 -3.60 2.89	51.26 -3.26 2.60	46.20 -2.86 1.98	41.53 -2.34 1.17	37.26 -1.92 0.00
RUSSELL__4 23556	35.32 -2.57 -0.10	31.36 -2.32 -0.01	29.82 -2.28 -0.04	28.43 -2.17 -0.06	26.88 -2.11 1.18	28.55 -2.08 -0.05	26.90 -2.18 -0.02	26.33 -1.83 0.00	27.85 -1.75 0.00	27.47 -1.69 0.00	27.06 -1.73 0.00	28.49 -1.82 0.00	28.52 -1.76 0.00	30.40 -1.80 0.00	32.65 -2.12 0.00	34.67 -2.77 -0.01	36.44 -2.78 0.50	40.88 -3.09 1.41	48.42 -3.47 2.38	51.54 -3.60 2.89	51.26 -3.26 2.60	46.20 -2.86 1.98	41.53 -2.34 1.17	37.26 -1.92 0.00
RUSSELL__STATION 23914	35.32 -2.57 -0.10	31.36 -2.32 -0.01	29.82 -2.28 -0.04	28.43 -2.17 -0.06	26.88 -2.11 1.18	28.55 -2.08 -0.05	26.90 -2.18 -0.02	26.33 -1.83 0.00	27.85 -1.75 0.00	27.47 -1.69 0.00	27.06 -1.73 0.00	28.49 -1.82 0.00	28.52 -1.76 0.00	30.40 -1.80 0.00	32.65 -2.12 0.00	34.67 -2.77 -0.01	36.44 -2.78 0.50	40.88 -3.09 1.41	48.42 -3.47 2.38	51.54 -3.60 2.89	51.26 -3.26 2.60	46.20 -2.86 1.98	41.53 -2.34 1.17	37.26 -1.92 0.00

S SALMON___HYD 24043	37.11 -0.68 0.00	33.10 -0.57 0.00	31.44 -0.61 0.00	29.96 -0.58 0.00	29.59 -0.57 0.00	30.13 -0.46 0.00	28.45 -0.61 0.00	27.57 -0.59 0.00	28.91 -0.68 0.00	28.47 -0.70 0.00	27.99 -0.81 0.00	29.46 -0.85 0.00	29.40 -0.88 0.00	31.33 -0.87 0.00	33.76 -1.01 0.00	36.11 -1.31 0.00	38.57 -1.27 -0.13	44.26 -1.45 -0.34	53.51 -1.35 -0.58	57.41 -1.33 -0.71	56.70 -1.03 -0.61	50.61 -0.92 -0.49	44.47 -0.86 -0.29	38.59 -0.59 0.00
S.PERRY___115KV_TB1 80734	63.40 -1.93 -27.54	56.67 -1.68 -24.68	54.68 -1.67 -24.29	40.78 -1.56 -11.80	33.30 -1.51 -4.64	31.74 -1.47 -2.62	32.34 -1.71 -4.99	36.21 -1.58 -9.63	43.60 -1.75 -15.75	30.50 -1.95 -3.29	30.53 -2.19 -3.93	40.01 -2.33 -12.04	36.69 -2.21 -8.62	54.60 -2.19 -24.59	58.39 -2.54 -26.15	62.23 -2.99 -27.81	65.62 -2.86 -28.76	55.16 -2.90 -12.69	68.07 -2.77 -16.56	64.65 -2.09 -8.71	59.18 -1.26 -3.33	52.16 -1.22 -2.34	45.33 -1.13 -1.41	38.24 -0.94 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.60 -4.72 9.46	22.14 -4.18 7.35	20.35 -4.07 7.64	22.27 -3.91 4.36	23.90 -4.01 2.25	25.12 -4.04 1.43	23.36 -3.92 1.78	21.97 -3.32 2.87	21.64 -3.26 4.70	25.01 -3.18 0.98	24.39 -3.22 1.17	23.29 -3.42 3.59	24.34 -3.36 2.57	21.33 -3.54 7.33	23.01 -3.96 7.80	24.61 -4.53 8.29	26.04 -4.53 9.15	35.07 -5.13 5.17	40.67 -6.24 7.36	45.58 -6.73 5.72	46.86 -6.40 3.86	42.33 -5.77 2.94	38.21 -5.09 1.74	35.10 -4.07 0.00
SAWYER___23_KV_LOAD 55526	23.60 -4.72 9.46	22.14 -4.18 7.35	20.35 -4.07 7.64	22.27 -3.91 4.36	23.90 -4.01 2.25	25.12 -4.04 1.43	23.36 -3.92 1.78	21.97 -3.32 2.87	21.64 -3.26 4.70	25.01 -3.18 0.98	24.39 -3.22 1.17	23.29 -3.42 3.59	24.34 -3.36 2.57	21.33 -3.54 7.33	23.01 -3.96 7.80	24.61 -4.53 8.29	26.04 -4.53 9.15	35.07 -5.13 5.17	40.67 -6.24 7.36	45.58 -6.73 5.72	46.86 -6.40 3.86	42.33 -5.77 2.94	38.21 -5.09 1.74	35.10 -4.07 0.00
SELKIRK___I 23801	38.93 1.13 0.00	34.72 1.04 0.00	33.14 1.09 0.00	31.54 1.01 0.00	31.19 1.03 0.00	31.56 0.98 0.00	29.99 0.93 0.00	28.84 0.67 0.00	30.15 0.56 0.00	29.66 0.50 0.00	29.28 0.49 0.00	30.79 0.48 0.00	30.70 0.42 0.00	32.62 0.42 0.00	35.30 0.52 0.00	38.17 0.75 0.00	40.43 0.72 0.00	46.23 0.86 0.00	55.31 1.03 0.00	59.37 1.34 0.00	58.37 1.25 0.00	52.16 1.12 0.00	46.12 1.08 0.00	39.92 0.74 0.00
SELKIRK___II 23799	38.66 0.87 0.00	34.45 0.78 0.00	32.95 0.90 0.00	31.33 0.79 0.00	30.98 0.81 0.00	31.38 0.79 0.00	29.85 0.78 0.00	28.75 0.59 0.00	30.13 0.53 0.00	29.69 0.53 0.00	29.31 0.52 0.00	30.85 0.55 0.00	30.79 0.51 0.00	32.69 0.48 0.00	35.36 0.59 0.00	38.21 0.79 0.00	40.43 0.72 0.00	46.19 0.82 0.00	55.09 0.82 0.00	58.96 0.93 0.00	57.97 0.86 0.00	51.75 0.71 0.00	45.76 0.72 0.00	39.61 0.43 0.00
SENECA OSWGO___HYD 24041	36.81 -0.98 0.00	32.80 -0.88 0.00	31.22 -0.83 0.00	29.74 -0.79 0.00	29.35 -0.81 0.00	29.79 -0.80 0.00	28.25 -0.81 0.00	27.43 -0.73 0.00	28.86 -0.74 0.00	28.44 -0.73 0.00	28.01 -0.78 0.00	29.46 -0.85 0.00	29.46 -0.82 0.00	31.37 -0.84 0.00	33.84 -0.94 0.00	36.15 -1.27 0.00	38.73 -1.35 -0.36	44.85 -1.50 -0.98	54.26 -1.68 -1.66	58.38 -1.68 -2.03	57.36 -1.49 -1.74	51.00 -1.43 -1.39	44.55 -1.31 -0.82	38.16 -1.02 0.00
SENECA___115KV_TB3 355854	23.57 -4.20 10.02	22.03 -3.74 7.91	20.23 -3.65 8.16	22.47 -3.48 4.58	24.25 -3.62 2.29	25.50 -3.64 1.45	23.63 -3.55 1.88	22.07 -2.99 3.11	21.61 -2.90 5.09	25.25 -2.86 1.06	24.58 -2.94 1.27	23.32 -3.09 3.89	24.46 -3.03 2.78	21.07 -3.19 7.94	22.78 -3.55 8.45	24.66 -3.85 8.91	26.04 -3.89 9.79	35.48 -4.36 5.54	41.07 -5.37 7.84	46.33 -5.75 5.95	48.02 -5.20 3.90	43.17 -4.90 2.97	38.73 -4.55 1.76	35.38 -3.80 0.00
SENECA___ENERGY 23797	38.66 -1.10 -1.96	34.44 -0.98 -1.74	32.78 -0.99 -1.72	30.44 -0.95 -0.85	32.65 -0.94 -3.42	29.86 -0.92 -0.19	28.43 -0.99 -0.36	27.97 -0.87 -0.68	29.85 -0.86 -1.11	28.52 -0.87 -0.23	28.12 -0.95 -0.28	30.16 -1.00 -0.85	29.91 -0.97 -0.61	33.04 -0.90 -1.74	35.54 -1.08 -1.85	38.00 -1.38 -1.96	40.26 -1.39 -1.93	44.54 -1.45 -0.63	53.31 -1.68 -0.71	56.47 -1.62 -0.06	56.18 -1.09 -0.15	49.81 -1.02 0.21	43.92 -0.99 0.13	38.35 -0.82 0.00
SHOEMAKER___GT 23640	39.39 1.62 0.03	35.05 1.38 0.00	33.36 1.31 0.01	31.71 1.19 0.02	31.31 1.15 0.00	31.61 1.04 0.02	30.25 1.19 0.01	29.34 1.18 0.00	30.84 1.24 0.00	30.39 1.22 0.00	30.12 1.33 0.00	31.70 1.39 0.00	31.73 1.45 0.00	33.72 1.51 0.00	36.44 1.67 0.00	39.48 2.06 0.00	42.06 2.34 0.00	48.09 2.72 0.00	57.37 3.09 0.00	61.17 3.13 0.00	59.80 2.68 0.00	53.23 2.19 0.00	46.89 1.85 0.00	40.55 1.37 0.00
SHOEMAKR_138KV_BK 111 55601	39.39 1.63 0.03	35.05 1.38 0.00	33.36 1.31 0.01	31.71 1.19 0.02	31.31 1.15 0.00	31.61 1.04 0.02	30.27 1.22 0.01	29.35 1.18 0.00	30.87 1.27 0.00	30.42 1.25 0.00	30.14 1.35 0.00	31.73 1.42 0.00	31.76 1.48 0.00	33.75 1.55 0.00	36.48 1.70 0.00	39.48 2.06 0.00	42.10 2.38 0.00	48.09 2.72 0.00	57.43 3.15 0.00	61.11 3.08 0.00	59.80 2.68 0.00	53.23 2.19 0.00	46.93 1.89 0.00	40.63 1.45 0.00
SHOREHAM_IC_1 23715	40.90 3.14 0.03	36.46 2.79 0.00	34.45 2.41 0.01	32.56 2.05 0.02	32.00 1.84 0.00	32.07 1.50 0.01	31.17 2.12 0.01	30.36 2.20 0.00	31.96 2.37 0.00	31.82 2.65 0.00	35.73 2.65 -4.29	40.54 2.64 -7.60	42.55 2.63 -9.64	45.49 2.61 -10.68	45.95 2.71 -8.46	48.42 3.48 -7.52	50.27 4.01 -6.54	55.57 4.40 -5.80	60.49 5.10 -1.11	63.81 4.88 -0.90	60.88 3.77 0.00	54.35 3.32 0.00	47.34 2.30 0.00	41.65 2.47 0.00
SHOREHAM_IC_2 23716	40.90 3.14 0.03	36.46 2.79 0.00	34.45 2.41 0.01	32.56 2.05 0.02	32.00 1.84 0.00	32.07 1.50 0.01	31.17 2.12 0.01	30.36 2.20 0.00	31.96 2.37 0.00	31.82 2.65 0.00	35.73 2.65 -4.29	40.54 2.64 -7.60	42.55 2.63 -9.64	45.49 2.61 -10.68	45.95 2.71 -8.46	48.42 3.48 -7.52	50.27 4.01 -6.54	55.57 4.40 -5.80	60.49 5.10 -1.11	63.81 4.88 -0.90	60.88 3.77 0.00	54.35 3.32 0.00	47.34 2.30 0.00	41.65 2.47 0.00
SISSONVILLE____ 23735	37.15 -0.64 0.00	33.10 -0.57 0.00	31.51 -0.54 0.00	30.08 -0.46 0.00	29.71 -0.45 0.00	30.19 -0.40 0.00	28.54 -0.52 0.00	27.57 -0.59 0.00	28.94 -0.65 0.00	28.50 -0.67 0.00	28.07 -0.72 0.00	29.46 -0.85 0.00	29.43 -0.85 0.00	31.33 -0.87 0.00	33.83 -0.94 0.00	36.49 -0.94 0.00	38.92 -0.79 0.00	44.28 -1.09 0.00	53.25 -1.03 0.00	56.99 -1.04 0.00	56.14 -0.97 0.00	50.58 -0.46 0.00	44.64 -0.41 0.00	39.10 -0.08 0.00
SITHE_IND_GS1 24169	36.50 -1.32 -0.03	32.53 -1.14 0.00	30.94 -1.12 -0.01	29.49 -1.07 -0.02	29.11 -1.06 0.00	29.56 -1.04 -0.01	28.05 -1.02 -0.01	27.23 -0.93 0.00	28.65 -0.95 0.00	28.20 -0.96 0.00	27.81 -0.98 0.00	29.27 -1.03 0.00	29.28 -1.00 0.00	31.14 -1.06 0.00	33.63 -1.15 0.00	35.88 -1.54 0.00	34.54 -1.71 3.47	34.02 -1.90 9.45	36.02 -2.23 16.03	36.19 -2.32 19.52	38.20 -2.17 16.74	35.66 -1.99 13.39	35.38 -1.76 7.90	37.80 -1.37 0.00

SITHE_IND_GS2 24170	36.50 -1.32 -0.03	32.53 -1.14 0.00	30.94 -1.12 -0.01	29.49 -1.07 -0.02	29.11 -1.06 0.00	29.56 -1.04 -0.01	28.05 -1.02 -0.01	27.23 -0.93 0.00	28.65 -0.95 0.00	28.20 -0.96 0.00	27.81 -0.98 0.00	29.27 -1.03 0.00	29.28 -1.00 0.00	31.14 -1.06 0.00	33.63 -1.15 0.00	35.88 -1.54 0.00	34.54 -1.71 3.47	34.02 -1.90 9.45	36.02 -2.23 16.03	36.19 -2.32 19.52	38.20 -2.17 16.74	35.66 -1.99 13.39	35.38 -1.76 7.90	37.80 -1.37 0.00
SITHE_IND_GS3 24171	36.50 -1.32 -0.03	32.53 -1.14 0.00	30.94 -1.12 -0.01	29.49 -1.07 -0.02	29.11 -1.06 0.00	29.56 -1.04 -0.01	28.05 -1.02 -0.01	27.23 -0.93 0.00	28.65 -0.95 0.00	28.20 -0.96 0.00	27.81 -0.98 0.00	29.27 -1.03 0.00	29.28 -1.00 0.00	31.14 -1.06 0.00	33.63 -1.15 0.00	35.88 -1.54 0.00	34.54 -1.71 3.47	34.02 -1.90 9.45	36.02 -2.23 16.03	36.19 -2.32 19.52	38.20 -2.17 16.74	35.66 -1.99 13.39	35.38 -1.76 7.90	37.80 -1.37 0.00
SITHE_IND_GS4 24172	36.50 -1.32 -0.03	32.53 -1.14 0.00	30.94 -1.12 -0.01	29.49 -1.07 -0.02	29.11 -1.06 0.00	29.56 -1.04 -0.01	28.05 -1.02 -0.01	27.23 -0.93 0.00	28.65 -0.95 0.00	28.20 -0.96 0.00	27.81 -0.98 0.00	29.27 -1.03 0.00	29.28 -1.00 0.00	31.14 -1.06 0.00	33.63 -1.15 0.00	35.88 -1.54 0.00	34.54 -1.71 3.47	34.02 -1.90 9.45	36.02 -2.23 16.03	36.19 -2.32 19.52	38.20 -2.17 16.74	35.66 -1.99 13.39	35.38 -1.76 7.90	37.80 -1.37 0.00
SITHE___BATAVIA 24024	29.23 -3.44 5.13	26.66 -3.06 3.95	24.92 -3.01 4.12	25.26 -2.90 2.37	25.29 -3.08 1.80	26.67 -3.15 0.76	24.92 -3.17 0.97	24.10 -2.48 1.59	24.57 -2.43 2.59	26.17 -2.45 0.54	25.58 -2.56 0.65	25.62 -2.70 1.98	26.22 -2.63 1.42	25.38 -2.77 4.05	27.30 -3.16 4.31	29.30 -3.67 4.45	30.79 -3.77 5.16	37.60 -4.22 3.55	44.01 -5.05 5.22	48.24 -5.28 4.51	49.36 -4.45 3.29	44.19 -4.34 2.51	39.82 -3.74 1.49	36.04 -3.14 0.00
SITHE___INDEPEND 23800	36.50 -1.32 -0.03	32.53 -1.14 0.00	30.94 -1.12 -0.01	29.49 -1.07 -0.02	29.11 -1.06 0.00	29.56 -1.04 -0.01	28.05 -1.02 -0.01	27.23 -0.93 0.00	28.65 -0.95 0.00	28.20 -0.96 0.00	27.81 -0.98 0.00	29.27 -1.03 0.00	29.28 -1.00 0.00	31.14 -1.06 0.00	33.63 -1.15 0.00	35.96 -1.46 0.00	34.54 -1.71 3.47	34.02 -1.91 9.45	36.02 -2.23 16.03	36.19 -2.32 19.52	38.20 -2.17 16.74	35.66 -1.99 13.39	35.38 -1.76 7.90	37.69 -1.49 0.00
SITHE___MASSENA 23902	37.64 -0.15 0.00	33.57 -0.10 0.00	31.96 -0.10 0.00	30.51 -0.03 0.00	30.11 -0.06 0.00	30.55 -0.03 0.00	28.92 -0.14 0.00	27.97 -0.20 0.00	29.42 -0.18 0.00	28.99 -0.17 0.00	28.59 -0.20 0.00	30.12 -0.18 0.00	30.10 -0.18 0.00	32.04 -0.16 0.00	34.60 -0.17 0.00	37.31 -0.11 0.00	39.72 0.00 0.00	45.19 -0.18 0.00	54.17 -0.11 0.00	57.92 -0.12 0.00	57.00 -0.11 0.00	51.30 0.26 0.00	45.27 0.23 0.00	39.65 0.47 0.00
SITHE___OGDNSBRG 24021	37.87 0.08 0.00	33.77 0.10 0.00	32.12 0.06 0.00	30.69 0.15 0.00	30.29 0.12 0.00	30.77 0.18 0.00	29.06 0.00 0.00	28.02 -0.14 0.00	29.36 -0.24 0.00	28.87 -0.29 0.00	28.45 -0.35 0.00	29.88 -0.42 0.00	29.85 -0.42 0.00	31.78 -0.42 0.00	34.32 -0.45 0.00	37.05 -0.37 0.00	39.52 -0.20 0.00	45.01 -0.36 0.00	54.22 -0.05 0.00	58.09 0.06 0.00	57.28 0.17 0.00	51.60 0.56 0.00	45.49 0.45 0.00	39.84 0.67 0.00
SITHE___STERLING 23777	38.13 0.34 0.00	34.01 0.34 0.00	32.34 0.29 0.00	30.78 0.24 0.00	30.41 0.24 0.00	30.92 0.34 0.00	29.27 0.20 0.00	28.36 0.20 0.00	29.71 0.12 0.00	29.25 0.09 0.00	28.79 0.00 0.00	30.30 0.00 0.00	30.25 -0.03 0.00	32.20 0.00 0.00	34.77 0.00 0.00	37.31 -0.11 0.00	39.61 0.00 0.11	45.12 0.05 0.29	54.16 0.38 0.50	57.89 0.46 0.61	57.22 0.63 0.52	51.19 0.56 0.42	45.20 0.40 0.25	39.49 0.31 0.00
SLEIGHT__34_KV_TB1 80719	35.73 -2.15 -0.09	31.79 -1.89 0.00	30.22 -1.86 -0.03	28.83 -1.77 -0.06	27.22 -1.72 1.23	28.95 -1.68 -0.05	27.28 -1.80 -0.02	26.59 -1.58 0.00	28.08 -1.51 0.00	27.68 -1.49 0.00	27.24 -1.55 0.00	28.64 -1.67 0.00	28.67 -1.60 0.00	30.56 -1.64 0.00	32.86 -1.91 0.00	34.99 -2.43 0.00	36.82 -2.50 0.40	41.56 -2.72 1.09	49.39 -3.04 1.85	52.72 -3.08 2.24	52.38 -2.68 2.05	47.05 -2.45 1.54	42.11 -2.03 0.91	37.49 -1.68 0.00
SOUTH CAIRO___GT 23612	39.91 2.12 0.00	35.52 1.85 0.00	33.94 1.89 0.00	32.25 1.71 0.00	31.88 1.72 0.00	32.24 1.65 0.00	30.60 1.54 0.00	29.20 1.04 0.00	30.42 0.83 0.00	29.75 0.58 0.00	29.28 0.49 0.00	30.85 0.55 0.00	30.73 0.45 0.00	32.65 0.45 0.00	35.40 0.63 0.00	38.47 1.05 0.00	40.91 1.19 0.00	47.09 1.72 0.00	56.56 2.28 0.00	60.99 2.96 0.00	60.08 2.97 0.00	53.59 2.55 0.00	47.25 2.21 0.00	40.94 1.76 0.00
SOUTH HAMPTN___IC 23720	41.09 3.33 0.03	36.57 2.90 0.00	34.55 2.50 0.01	32.62 2.11 0.02	32.06 1.90 0.00	32.10 1.53 0.01	31.26 2.21 0.01	30.47 2.31 0.00	32.14 2.55 0.00	32.05 2.89 0.00	35.99 2.91 -4.29	40.84 2.94 -7.60	42.88 2.97 -9.64	45.86 3.00 -10.67	46.37 3.16 -8.43	48.92 4.01 -7.49	50.83 4.61 -6.51	56.23 5.08 -5.78	61.34 5.97 -1.10	64.73 5.80 -0.89	61.62 4.51 0.00	54.97 3.93 0.00	47.79 2.75 0.00	41.96 2.78 0.00
SOUTHDOW__115KV_TB1 355954	25.20 -3.51 9.08	23.45 -3.10 7.12	21.67 -3.01 7.37	23.53 -2.84 4.16	25.12 -2.99 2.06	26.32 -2.94 1.33	24.48 -2.88 1.71	22.95 -2.42 2.79	22.71 -2.31 4.57	25.85 -2.36 0.95	25.17 -2.48 1.14	24.23 -2.58 3.50	25.23 -2.54 2.50	22.46 -2.61 7.14	24.30 -2.89 7.59	26.25 -3.14 8.02	28.02 -2.86 8.84	37.33 -2.99 5.04	43.70 -3.42 7.16	49.00 -3.54 5.49	50.24 -3.26 3.62	45.06 -3.22 2.77	39.93 -3.47 1.64	36.32 -2.86 0.00
SOUTHOLD_69_KV_BK 2 55809	41.09 3.33 0.03	36.50 2.83 0.00	34.48 2.44 0.01	32.56 2.05 0.02	31.94 1.78 0.00	31.98 1.41 0.01	31.20 2.15 0.01	30.44 2.28 0.00	32.20 2.60 0.00	32.14 2.97 0.00	36.10 3.02 -4.29	41.00 3.09 -7.60	43.03 3.12 -9.64	46.06 3.19 -10.67	46.61 3.41 -8.43	49.14 4.23 -7.49	51.23 5.00 -6.51	56.69 5.54 -5.78	61.89 6.51 -1.10	65.02 6.09 -0.89	62.07 4.97 0.01	55.22 4.19 0.00	48.51 3.47 0.00	42.31 3.13 0.00
SOUTHOLD___IC 23719	41.09 3.33 0.03	36.50 2.83 0.00	34.48 2.43 0.01	32.53 2.02 0.02	31.94 1.78 0.00	31.98 1.41 0.01	31.20 2.15 0.01	30.50 2.34 0.00	32.20 2.60 0.00	32.14 2.98 0.00	36.10 3.02 -4.29	40.96 3.06 -7.60	43.03 3.12 -9.64	46.06 3.19 -10.67	46.61 3.41 -8.43	49.21 4.30 -7.49	51.23 5.00 -6.51	56.68 5.53 -5.78	61.88 6.51 -1.10	65.31 6.38 -0.89	62.07 4.97 0.00	55.22 4.19 0.00	48.01 2.97 0.00	42.12 2.94 0.00
SOUTH_FORK_WT_PWR 323839	40.67 2.91 0.03	36.13 2.46 0.00	34.10 2.05 0.01	32.20 1.68 0.02	31.61 1.45 0.00	31.61 1.04 0.01	30.92 1.86 0.01	30.22 2.05 0.00	31.90 2.31 0.00	31.85 2.68 0.00	35.85 2.76 -4.29	40.69 2.79 -7.60	42.76 2.85 -9.64	45.73 2.87 -10.67	46.26 3.06 -8.43	48.88 3.96 -7.49	50.83 4.61 -6.51	56.19 5.04 -5.78	61.34 5.97 -1.10	64.78 5.86 -0.89	61.56 4.46 0.00	54.71 3.68 0.00	47.56 2.52 0.00	41.76 2.59 0.00

SPIERFLS_115KV_TB 1 80737	40.48 2.68 0.00	36.13 2.46 0.00	34.36 2.31 0.00	32.61 2.08 0.00	32.31 2.14 0.00	32.63 2.05 0.00	31.01 1.95 0.00	29.85 1.69 0.00	31.13 1.54 0.00	30.51 1.34 0.00	29.74 0.95 0.00	31.27 0.97 0.00	30.82 0.54 0.00	32.59 0.39 0.00	35.40 0.63 0.00	38.43 1.01 0.00	41.23 1.51 0.00	47.46 2.09 0.00	57.48 3.20 0.00	62.56 4.53 0.00	61.79 4.68 0.00	55.12 4.08 0.00	48.46 3.42 0.00	41.96 2.78 0.00
ST LAWRENCE____ 23600	37.42 -0.38 0.00	33.33 -0.34 0.00	31.73 -0.32 0.00	30.29 -0.25 0.00	29.92 -0.24 0.00	30.34 -0.25 0.00	28.74 -0.32 0.00	27.85 -0.31 0.00	29.30 -0.30 0.00	28.87 -0.29 0.00	28.50 -0.29 0.00	30.00 -0.30 0.00	29.97 -0.30 0.00	31.91 -0.29 0.00	34.49 -0.28 0.00	37.16 -0.26 0.00	39.52 -0.20 0.00	45.05 -0.32 0.00	53.95 -0.32 0.00	57.69 -0.35 0.00	56.71 -0.40 0.00	50.94 -0.10 0.00	44.95 -0.09 0.00	39.29 0.12 0.00
STATE_CA_115KV_115_LB 55624	38.85 1.06 0.00	34.61 0.94 0.00	33.14 1.09 0.00	31.51 0.98 0.00	31.16 1.00 0.00	31.56 0.98 0.00	30.05 0.99 0.00	28.87 0.70 0.00	30.22 0.62 0.00	29.72 0.55 0.00	29.34 0.55 0.00	30.91 0.61 0.00	30.79 0.51 0.00	32.69 0.48 0.00	35.36 0.59 0.00	38.24 0.82 0.00	40.47 0.75 0.00	46.23 0.86 0.00	55.15 0.87 0.00	59.20 1.16 0.00	58.20 1.09 0.00	51.96 0.92 0.00	45.85 0.81 0.00	39.80 0.63 0.00
STATE_ST_34_KV_LOAD 55959	38.30 -0.57 -1.08	34.12 -0.51 -0.95	32.48 -0.51 -0.94	30.51 -0.49 -0.46	31.01 -0.48 -1.32	30.23 -0.46 -0.11	28.68 -0.58 -0.20	28.06 -0.48 -0.37	29.70 -0.50 -0.61	28.77 -0.52 -0.13	28.37 -0.58 -0.15	30.16 -0.61 -0.47	30.03 -0.58 -0.33	32.64 -0.52 -0.95	35.12 -0.66 -1.01	37.60 -0.90 -1.07	39.93 -0.91 -1.13	44.99 -0.91 -0.53	54.12 -0.87 -0.71	57.76 -0.70 -0.42	57.06 -0.40 -0.35	50.73 -0.46 -0.15	44.63 -0.50 -0.09	38.78 -0.39 0.00
STATION 5_MISC_HYD 23604	35.13 -2.76 -0.09	31.23 -2.46 -0.01	29.69 -2.40 -0.04	28.31 -2.29 -0.06	26.72 -2.26 1.18	28.40 -2.23 -0.05	26.79 -2.30 -0.02	26.19 -1.97 0.00	27.70 -1.89 0.00	27.33 -1.84 0.00	26.92 -1.87 0.00	28.34 -1.97 0.00	28.37 -1.91 0.00	30.21 -2.00 0.00	32.48 -2.30 0.00	34.59 -2.85 -0.01	36.24 -2.98 0.50	40.70 -3.27 1.40	48.10 -3.80 2.38	51.14 -4.00 2.89	51.32 -3.20 2.59	45.89 -3.16 1.98	41.26 -2.61 1.17	37.02 -2.15 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.89 -1.97 -0.07	31.92 -1.75 0.00	30.34 -1.73 -0.02	28.93 -1.65 -0.04	26.08 -1.60 2.49	29.06 -1.56 -0.03	27.42 -1.66 -0.02	26.73 -1.44 0.00	28.23 -1.36 0.00	27.82 -1.34 0.00	27.38 -1.41 0.00	28.79 -1.52 0.00	28.82 -1.45 0.00	30.72 -1.74 0.00	33.03 -2.21 0.00	35.21 -2.26 0.39	37.07 -2.45 1.05	41.87 -2.77 1.79	49.72 -2.84 2.17	53.02 -2.46 2.15	52.51 -2.19 1.50	47.35 -1.85 0.88	42.31 -1.53 0.00	37.65
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.05 -2.83 -0.10	31.16 -2.53 -0.01	29.62 -2.47 -0.04	28.25 -2.35 -0.06	26.45 -2.29 1.42	28.34 -2.29 -0.05	26.73 -2.35 -0.02	26.13 -2.03 0.00	27.64 -1.95 0.00	27.27 -1.90 0.00	26.86 -1.93 0.00	28.27 -2.03 0.00	28.31 -1.97 0.00	30.14 -2.06 0.00	32.41 -2.36 0.00	34.44 -2.99 -0.01	36.16 -3.06 0.50	40.57 -3.40 1.39	48.01 -3.91 2.36	51.10 -4.06 2.87	50.74 -3.77 2.60	45.75 -3.32 1.97	41.18 -2.70 1.16	36.94 -2.23 0.00
STA_56____34_KV_BUS2 355983	35.05 -2.83 -0.10	31.16 -2.53 -0.01	29.62 -2.47 -0.04	28.25 -2.35 -0.06	26.45 -2.29 1.42	28.34 -2.29 -0.05	26.73 -2.35 -0.02	26.13 -2.03 0.00	27.64 -1.95 0.00	27.27 -1.90 0.00	26.86 -1.93 0.00	28.27 -2.03 0.00	28.31 -1.97 0.00	30.14 -2.06 0.00	32.41 -2.36 0.00	34.44 -2.99 -0.01	36.16 -3.06 0.50	40.57 -3.40 1.39	48.01 -3.91 2.36	51.10 -4.06 2.87	50.74 -3.77 2.60	45.75 -3.32 1.97	41.18 -2.70 1.16	36.94 -2.23 0.00
STA_67____115KV_BK2 355882	35.02 -2.87 -0.10	31.16 -2.53 -0.01	29.59 -2.50 -0.04	28.25 -2.35 -0.06	26.67 -2.32 1.18	28.34 -2.29 -0.05	26.73 -2.35 -0.02	26.13 -2.03 0.00	27.64 -1.95 0.00	27.27 -1.90 0.00	26.86 -1.93 0.00	28.24 -2.06 0.00	28.28 -2.00 0.00	30.14 -2.06 0.00	32.37 -2.40 0.00	34.44 -2.99 -0.01	36.16 -3.06 0.50	40.56 -3.40 1.40	47.99 -3.91 2.38	51.08 -4.06 2.89	50.75 -3.77 2.60	45.74 -3.32 1.98	41.17 -2.70 1.17	36.98 -2.19 0.00
STA_7____115KV_9TRANS 80674	35.32 -2.57 -0.10	31.36 -2.32 -0.01	29.82 -2.28 -0.04	28.43 -2.17 -0.06	26.88 -2.11 1.18	28.55 -2.08 -0.05	26.90 -2.18 -0.02	26.33 -1.83 0.00	27.85 -1.75 0.00	27.47 -1.69 0.00	27.06 -1.73 0.00	28.49 -1.82 0.00	28.52 -1.76 0.00	30.40 -1.80 0.00	32.65 -2.12 0.00	34.67 -2.77 -0.01	36.44 -2.78 0.50	40.88 -3.09 1.41	48.42 -3.47 2.38	51.54 -3.60 2.89	51.26 -3.26 2.60	46.20 -2.86 1.98	41.53 -2.34 1.17	37.26 -1.92 0.00
STA_82____115KV_TB1 80780	35.00 -2.87 -0.08	31.13 -2.56 -0.01	29.59 -2.50 -0.03	28.21 -2.38 -0.05	26.62 -2.35 1.19	28.30 -2.32 -0.04	26.70 -2.38 -0.02	26.11 -2.06 0.00	27.61 -1.98 0.00	27.24 -1.92 0.00	26.83 -1.96 0.00	28.21 -2.09 0.00	28.25 -2.03 0.00	30.11 -2.09 0.00	32.34 -2.43 0.00	34.41 -3.03 -0.02	36.13 -3.10 0.49	40.53 -3.45 1.39	47.95 -3.96 2.36	51.04 -4.12 2.87	50.71 -3.83 2.58	45.70 -3.37 1.97	41.13 -2.75 1.16	36.94 -2.23 0.00
STEEL____WIND 323596	23.54 -4.23 10.02	21.99 -3.77 7.91	20.23 -3.65 8.16	22.44 -3.51 4.58	24.25 -3.62 2.29	25.50 -3.64 1.45	23.63 -3.55 1.88	22.07 -2.99 3.11	21.58 -2.93 5.09	25.22 -2.89 1.06	24.56 -2.96 1.27	23.29 -3.12 3.89	24.44 -3.06 2.78	21.07 -3.19 7.94	22.75 -3.58 8.45	24.62 -3.89 8.91	25.99 -3.93 9.79	35.43 -4.40 5.54	41.07 -5.37 7.84	46.33 -5.75 5.95	48.02 -5.20 3.90	43.12 -4.95 2.97	38.68 -4.59 1.76	35.34 -3.84 0.00
STEPHTWN_115KV_BK_2 55603	39.00 1.21 0.00	34.75 1.08 0.00	33.24 1.19 0.00	31.61 1.07 0.00	31.25 1.09 0.00	31.66 1.07 0.00	30.14 1.08 0.00	28.95 0.79 0.00	30.30 0.71 0.00	29.81 0.64 0.00	29.42 0.63 0.00	30.97 0.67 0.00	30.85 0.58 0.00	32.75 0.55 0.00	35.47 0.70 0.00	38.36 0.94 0.00	40.55 0.83 0.00	46.37 1.00 0.00	55.31 1.03 0.00	59.43 1.39 0.00	58.48 1.37 0.00	52.16 1.12 0.00	46.03 0.99 0.00	39.96 0.78 0.00
STEBEN_REC_LFGE 323667	56.16 -3.21 -21.58	50.29 -2.83 -19.45	48.43 -2.72 -19.10	37.16 -2.60 -9.22	32.49 -2.53 -4.86	30.08 -2.51 -2.00	30.41 -2.56 -3.91	33.41 -2.34 -7.59	39.55 -2.46 -12.42	29.19 -2.57 -2.59	29.15 -2.74 -3.10	36.98 -2.82 -9.49	34.44 -2.63 -6.80	49.01 -2.58 -19.39	52.40 -2.99 -20.62	56.00 -3.33 -21.91	59.26 -3.18 -22.72	52.30 -3.22 -10.16	64.22 -3.37 -13.30	62.41 -2.79 -7.16	58.31 -1.83 -3.02	51.35 -1.74 -2.05	44.47 -1.80 -1.23	37.65 -1.53 0.00
STILLWATER____SOLAR 323814	39.79 2.00 0.00	35.45 1.78 0.00	33.75 1.70 0.00	32.09 1.56 0.00	31.76 1.60 0.00	32.14 1.56 0.00	30.54 1.48 0.00	29.46 1.30 0.00	30.75 1.15 0.00	30.19 1.02 0.00	29.65 0.86 0.00	31.21 0.91 0.00	31.00 0.73 0.00	32.85 0.64 0.00	35.61 0.83 0.00	38.58 1.16 0.00	40.99 1.27 0.00	47.05 1.68 0.00	56.45 2.17 0.00	60.94 2.90 0.00	60.14 3.02 0.00	53.69 2.65 0.00	47.34 2.30 0.00	40.90 1.72 0.00

STONY___BROOK 24151	41.17 3.40 0.03	36.57 2.90 0.00	34.58 2.53 0.01	32.69 2.17 0.02	32.12 1.96 0.00	32.22 1.65 0.01	31.29 2.24 0.01	30.44 2.28 0.00	32.11 2.51 0.00	31.94 2.77 0.00	35.96 2.88 -4.29	40.84 2.94 -7.60	42.88 2.97 -9.64	45.97 3.06 -10.71	46.60 3.31 -8.52	48.96 3.96 -7.57	50.81 4.49 -6.60	56.20 4.99 -5.84	61.11 5.70 -1.14	64.48 5.52 -0.93	61.56 4.46 0.00	55.02 3.98 0.00	47.88 2.84 0.00	41.88 2.70 0.00
STURGEON_POOL_HYD 23609	40.68 2.91 0.03	36.10 2.42 0.00	34.35 2.31 0.01	32.63 2.11 0.02	32.21 2.05 0.00	32.50 1.93 0.01	31.15 2.09 0.01	30.11 1.94 0.00	31.67 2.07 0.00	31.12 1.95 0.00	30.84 2.04 0.00	32.46 2.15 0.00	32.52 2.24 0.00	34.59 2.38 0.00	37.38 2.61 0.00	40.68 3.26 0.00	43.53 3.81 0.00	49.95 4.58 0.00	58.73 4.45 0.00	62.45 4.41 0.00	60.94 3.83 0.00	54.20 3.16 0.00	47.79 2.75 0.00	41.29 2.12 0.00
ST_LAW_115_BK7_LBMP 345037	37.42 -0.38 0.00	33.33 -0.34 0.00	31.73 -0.32 0.00	30.29 -0.25 0.00	29.89 -0.27 0.00	30.31 -0.28 0.00	28.74 -0.32 0.00	27.83 -0.34 0.00	29.27 -0.32 0.00	28.85 -0.32 0.00	28.47 -0.32 0.00	30.00 -0.30 0.00	29.97 -0.30 0.00	31.88 -0.32 0.00	34.46 -0.31 0.00	37.12 -0.30 0.00	39.52 -0.20 0.00	45.00 -0.36 0.00	53.90 -0.38 0.00	57.63 -0.40 0.00	56.65 -0.46 0.00	50.94 -0.10 0.00	44.95 -0.09 0.00	39.29 0.12 0.00
ST_LAW_115_BK8_LBMP 345038	37.42 -0.38 0.00	33.33 -0.34 0.00	31.73 -0.32 0.00	30.29 -0.25 0.00	29.89 -0.27 0.00	30.31 -0.28 0.00	28.74 -0.32 0.00	27.83 -0.34 0.00	29.27 -0.32 0.00	28.85 -0.32 0.00	28.47 -0.32 0.00	30.00 -0.30 0.00	29.97 -0.30 0.00	31.88 -0.32 0.00	34.46 -0.31 0.00	37.12 -0.30 0.00	39.52 -0.20 0.00	45.00 -0.36 0.00	53.90 -0.38 0.00	57.63 -0.40 0.00	56.65 -0.46 0.00	50.94 -0.10 0.00	44.95 -0.09 0.00	39.29 0.12 0.00
ST_LAW_230_BK5_LBMP 345035	37.42 -0.38 0.00	33.33 -0.34 0.00	31.73 -0.32 0.00	30.29 -0.25 0.00	29.92 -0.24 0.00	30.34 -0.25 0.00	28.74 -0.32 0.00	27.85 -0.31 0.00	29.30 -0.30 0.00	28.87 -0.29 0.00	28.50 -0.29 0.00	30.00 -0.30 0.00	29.97 -0.30 0.00	31.91 -0.29 0.00	34.49 -0.28 0.00	37.16 -0.26 0.00	39.52 -0.20 0.00	45.05 -0.32 0.00	53.95 -0.32 0.00	57.69 -0.35 0.00	56.71 -0.40 0.00	50.94 -0.10 0.00	44.95 -0.09 0.00	39.29 0.12 0.00
ST_LAW_230_BK6_LBMP 345036	37.42 -0.38 0.00	33.33 -0.34 0.00	31.73 -0.32 0.00	30.29 -0.25 0.00	29.92 -0.24 0.00	30.34 -0.25 0.00	28.74 -0.32 0.00	27.85 -0.31 0.00	29.30 -0.30 0.00	28.87 -0.29 0.00	28.50 -0.29 0.00	30.00 -0.30 0.00	29.97 -0.30 0.00	31.91 -0.29 0.00	34.49 -0.28 0.00	37.16 -0.26 0.00	39.52 -0.20 0.00	45.05 -0.32 0.00	53.95 -0.32 0.00	57.69 -0.35 0.00	56.71 -0.40 0.00	50.94 -0.10 0.00	44.95 -0.09 0.00	39.29 0.12 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.61 1.85 0.03	35.22 1.55 0.00	33.52 1.47 0.01	31.86 1.34 0.02	31.46 1.30 0.00	31.76 1.19 0.02	30.42 1.37 0.01	29.51 1.35 0.00	31.07 1.48 0.00	30.62 1.46 0.00	30.37 1.58 0.00	31.97 1.67 0.00	32.00 1.73 0.00	34.01 1.80 0.00	36.75 1.98 0.00	39.78 2.36 0.00	42.50 2.78 0.00	48.50 3.13 0.00	57.86 3.58 0.00	61.57 3.54 0.00	60.14 3.03 0.00	53.49 2.45 0.00	47.16 2.12 0.00	40.82 1.65 0.00
SWANROAD_115KV_TB1 355699	25.15 -5.10 7.55	23.55 -4.48 5.64	21.71 -4.39 5.95	22.72 -4.28 3.54	23.44 -4.68 2.05	24.44 -4.95 1.19	22.91 -4.71 1.44	22.31 -3.55 2.30	22.34 -3.49 3.76	24.97 -3.41 0.78	24.40 -3.45 0.94	23.76 -3.67 2.88	24.58 -3.63 2.06	22.50 -3.83 5.87	24.25 -4.28 6.25	26.13 -4.94 6.35	27.53 -5.04 7.14	34.86 -5.99 4.52	40.23 -7.54 6.50	44.44 -8.36 5.23	45.62 -7.88 3.61	40.99 -7.30 2.75	37.19 -6.22 1.63	34.12 -5.05 0.00
SYNERGY___BIOGAS 323694	29.19 -3.48 5.13	26.66 -3.06 3.95	24.92 -3.01 4.12	25.27 -2.90 2.37	25.29 -3.08 1.80	26.67 -3.15 0.76	24.89 -3.20 0.97	24.10 -2.48 1.59	24.57 -2.43 2.59	26.17 -2.45 0.54	25.58 -2.56 0.65	25.62 -2.70 1.98	26.22 -2.63 1.42	25.38 -2.77 4.05	27.30 -3.16 4.31	29.12 -3.85 4.45	30.75 -3.81 5.16	37.55 -4.26 3.55	44.06 -4.99 5.22	48.30 -5.22 4.51	49.08 -4.74 3.30	44.19 -4.34 2.51	39.81 -3.74 1.49	36.16 -3.02 0.00
SYRACUSE___ENERGY_ST1 323597	37.26 -0.53 0.00	33.23 -0.44 0.00	31.60 -0.45 0.00	30.11 -0.43 0.00	30.12 -0.42 -0.37	30.19 -0.40 0.00	28.57 -0.49 0.00	27.74 -0.42 0.00	29.21 -0.38 0.00	28.79 -0.38 0.00	28.36 -0.43 0.00	29.82 -0.48 0.00	29.82 -0.45 0.00	31.78 -0.42 0.00	34.29 -0.49 0.00	36.71 -0.71 0.00	38.88 -0.83 0.00	44.51 -0.86 0.00	53.35 -0.92 0.00	57.16 -0.87 0.00	56.47 -0.69 -0.05	50.38 -0.66 0.00	44.41 -0.63 0.00	38.67 -0.51 0.00
SYRACUSE___ENERGY_ST2 323598	37.26 -0.53 0.00	33.23 -0.44 0.00	31.60 -0.45 0.00	30.11 -0.43 0.00	30.12 -0.42 -0.37	30.19 -0.40 0.00	28.57 -0.49 0.00	27.74 -0.42 0.00	29.21 -0.38 0.00	28.79 -0.38 0.00	28.36 -0.43 0.00	29.82 -0.48 0.00	29.82 -0.45 0.00	31.78 -0.42 0.00	34.29 -0.49 0.00	36.71 -0.71 0.00	38.88 -0.83 0.00	44.51 -0.86 0.00	53.35 -0.92 0.00	57.16 -0.87 0.00	56.47 -0.69 -0.05	50.38 -0.66 0.00	44.41 -0.63 0.00	38.67 -0.51 0.00
SYRACUSE___POWER 24017	37.19 -0.60 0.00	33.17 -0.51 0.00	31.54 -0.51 0.00	30.02 -0.52 0.00	29.88 -0.51 -0.22	30.10 -0.49 0.00	28.51 -0.55 0.00	27.68 -0.48 0.00	29.15 -0.44 0.00	28.73 -0.44 0.00	28.30 -0.49 0.00	29.79 -0.52 0.00	29.79 -0.48 0.00	31.75 -0.45 0.00	34.22 -0.56 0.00	36.67 -0.75 0.00	38.73 -0.83 0.15	44.05 -0.91 0.41	52.60 -0.98 0.70	56.25 -0.93 0.86	55.66 -0.74 0.71	49.69 -0.77 0.59	43.97 -0.72 0.35	38.59 -0.59 0.00
TALLMAN__138KV_BK151 55660	39.84 2.08 0.03	35.42 1.75 0.00	33.71 1.67 0.01	32.04 1.53 0.02	31.61 1.45 0.00	31.92 1.35 0.02	30.62 1.57 0.01	29.71 1.55 0.00	31.31 1.72 0.00	30.89 1.72 0.00	30.66 1.87 0.00	32.24 1.94 0.00	32.30 2.03 0.00	34.33 2.13 0.00	37.10 2.33 0.00	40.15 2.73 0.00	42.89 3.18 0.00	48.95 3.58 0.00	58.29 4.02 0.00	61.98 3.95 0.00	60.54 3.43 0.00	53.80 2.76 0.00	47.47 2.43 0.00	41.02 1.84 0.00
TEALLAVE_115KV_TB7 355573	37.04 -0.76 0.00	33.03 -0.64 0.00	31.41 -0.64 0.00	29.93 -0.61 0.00	29.56 -0.60 0.00	29.97 -0.61 0.00	28.42 -0.64 0.00	27.60 -0.56 0.00	29.06 -0.53 0.00	28.64 -0.52 0.00	28.22 -0.58 0.00	29.70 -0.61 0.00	29.70 -0.58 0.00	31.66 -0.55 0.00	34.11 -0.66 0.00	36.52 -0.90 0.00	38.52 -0.99 0.21	43.72 -1.09 0.56	52.08 -1.25 0.95	55.66 -1.22 1.15	55.09 -1.03 0.99	49.23 -1.02 0.79	43.67 -0.90 0.47	38.39 -0.78 0.00
TELGRAPH_34_KV_EAST 80808	27.39 -4.23 6.17	25.21 -3.74 4.72	23.43 -3.69 4.93	24.13 -3.54 2.87	24.48 -3.77 1.91	25.74 -3.91 0.94	24.05 -3.84 1.17	23.28 -2.99 1.90	23.56 -2.93 3.10	25.63 -2.89 0.65	25.05 -2.97 0.77	24.81 -3.12 2.37	25.49 -3.09 1.70	24.14 -3.22 4.84	25.97 -3.65 5.15	27.80 -4.30 5.32	29.32 -4.33 6.06	36.41 -4.99 3.97	42.48 -6.02 5.77	46.65 -6.56 4.83	47.63 -6.05 3.43	42.86 -5.56 2.62	38.72 -4.77 1.55	35.30 -3.88 0.00

TEMPLE___115KV_TB 2 55572	37.08 -0.72 0.00	33.03 -0.64 0.00	31.41 -0.64 0.00	29.93 -0.61 0.00	29.56 -0.60 0.00	30.00 -0.58 0.00	28.42 -0.64 0.00	27.63 -0.54 0.00	29.09 -0.50 0.00	28.67 -0.50 0.00	28.24 -0.55 0.00	29.73 -0.58 0.00	29.70 -0.58 0.00	31.66 -0.55 0.00	34.15 -0.63 0.00	36.56 -0.86 0.00	38.52 -0.99 0.21	43.71 -1.09 0.57	52.12 -1.19 0.96	55.70 -1.16 1.17	55.08 -1.03 1.01	49.27 -0.97 0.81	43.66 -0.90 0.48	38.43 -0.74 0.00
TIANA___69_KV_BK 1 55817	41.13 3.36 0.03	36.60 2.93 0.00	34.61 2.56 0.01	32.69 2.17 0.02	32.09 1.93 0.00	32.16 1.59 0.01	31.29 2.24 0.01	30.44 2.28 0.00	32.17 2.57 0.00	32.05 2.89 0.00	35.99 2.91 -4.29	40.84 2.94 -7.60	42.88 2.97 -9.64	45.86 2.99 -10.67	46.37 3.16 -8.43	48.80 3.89 -7.49	50.84 4.61 -6.51	56.19 5.04 -5.78	61.29 5.92 -1.10	64.32 5.40 -0.89	61.62 4.51 0.01	54.91 3.88 0.00	48.28 3.24 0.00	42.15 2.98 0.00
TILDEN___115KV_TB1 80814	37.19 -0.60 0.00	33.17 -0.51 0.00	31.54 -0.51 0.00	30.02 -0.52 0.00	29.88 -0.51 -0.22	30.10 -0.49 0.00	28.51 -0.55 0.00	27.68 -0.48 0.00	29.15 -0.44 0.00	28.73 -0.44 0.00	28.30 -0.49 0.00	29.79 -0.52 0.00	29.79 -0.48 0.00	31.75 -0.45 0.00	34.22 -0.56 0.00	36.67 -0.75 0.00	38.73 -0.83 0.15	44.05 -0.91 0.41	52.60 -0.98 0.70	56.25 -0.93 0.86	55.66 -0.74 0.71	49.69 -0.77 0.59	43.97 -0.72 0.35	38.59 -0.59 0.00
TRIGEN___CC 323695	40.60 2.83 0.03	35.99 2.32 0.00	34.13 2.08 0.01	32.32 1.80 0.02	31.82 1.66 0.00	31.98 1.41 0.01	30.94 1.89 0.01	30.05 1.89 0.00	31.72 2.13 0.00	31.47 2.30 0.00	35.59 2.50 -4.29	40.48 2.58 -7.60	42.58 2.66 -9.64	52.34 2.77 -17.37	61.62 3.03 -23.82	62.04 3.44 -21.18	65.17 3.97 -21.48	64.97 4.45 -15.16	67.67 5.10 -8.29	69.77 4.99 -6.74	61.64 4.51 -0.02	54.78 3.73 -0.01	47.88 2.84 0.00	41.64 2.47 0.00
TRINITY___115KV___ 4 BK 55933	38.74 0.94 0.00	34.51 0.84 0.00	33.05 0.99 0.00	31.42 0.89 0.00	31.07 0.90 0.00	31.47 0.89 0.00	29.96 0.90 0.00	28.81 0.65 0.00	30.16 0.56 0.00	29.69 0.52 0.00	29.31 0.52 0.00	30.88 0.58 0.00	30.76 0.48 0.00	32.65 0.45 0.00	35.33 0.56 0.00	38.21 0.79 0.00	40.35 0.64 0.00	46.10 0.73 0.00	54.93 0.65 0.00	58.91 0.87 0.00	57.91 0.80 0.00	51.70 0.66 0.00	45.67 0.63 0.00	39.61 0.43 0.00
UNION___PROCESSING_DRP 323587	34.99 -2.87 -0.07	31.13 -2.56 -0.01	29.59 -2.50 -0.03	28.20 -2.38 -0.04	26.65 -2.32 1.20	28.30 -2.32 -0.03	26.69 -2.38 -0.02	26.13 -2.03 0.00	27.61 -1.98 0.00	27.24 -1.92 0.00	26.83 -1.96 0.00	28.24 -2.06 0.00	28.28 -2.00 0.00	30.11 -2.09 0.00	32.37 -2.40 0.00	34.41 -3.03 -0.02	36.13 -3.10 0.49	40.53 -3.45 1.39	47.96 -3.96 2.35	51.06 -4.12 2.86	50.77 -3.77 2.57	45.71 -3.37 1.96	41.14 -2.75 1.16	36.94 -2.23 0.00
UPPER HUDSON___HYD 24058	40.48 2.68 0.00	36.13 2.46 0.00	34.36 2.31 0.00	32.62 2.08 0.00	32.31 2.14 0.00	32.63 2.05 0.00	31.01 1.95 0.00	29.85 1.69 0.00	31.13 1.54 0.00	30.51 1.34 0.00	29.74 0.95 0.00	31.27 0.97 0.00	30.82 0.55 0.00	32.59 0.39 0.00	35.40 0.63 0.00	38.43 1.01 0.00	41.23 1.51 0.00	47.46 2.09 0.00	57.48 3.20 0.00	62.50 4.47 0.00	61.80 4.68 0.00	55.12 4.08 0.00	48.46 3.42 0.00	41.92 2.74 0.00
UPPER RAQUET___HYD 24056	37.15 -0.64 0.00	33.10 -0.57 0.00	31.51 -0.55 0.00	30.08 -0.46 0.00	29.71 -0.45 0.00	30.19 -0.40 0.00	28.54 -0.52 0.00	27.57 -0.59 0.00	28.94 -0.65 0.00	28.50 -0.67 0.00	28.07 -0.72 0.00	29.49 -0.82 0.00	29.43 -0.85 0.00	31.33 -0.87 0.00	33.84 -0.94 0.00	36.49 -0.93 0.00	38.92 -0.79 0.00	44.28 -1.09 0.00	53.30 -0.98 0.00	56.99 -1.04 0.00	56.14 -0.97 0.00	50.58 -0.46 0.00	44.63 -0.41 0.00	39.10 -0.08 0.00
VALLEY44_115KV_TB2 355964	26.73 -2.68 8.38	24.76 -2.39 6.52	22.94 -2.34 6.77	24.45 -2.23 3.86	25.78 -2.47 1.91	26.92 -2.42 1.25	25.16 -2.32 1.58	23.74 -1.86 2.56	23.66 -1.75 4.19	26.57 -1.72 0.87	25.99 -1.76 1.05	25.28 -1.82 3.21	26.23 -1.76 2.29	23.89 -1.77 6.54	25.83 -1.98 6.96	27.68 -2.39 7.35	29.37 -2.22 8.13	38.18 -2.50 4.70	44.55 -3.04 6.69	49.60 -3.25 5.18	50.36 -3.31 3.44	44.98 -3.42 2.64	39.38 -4.10 1.56	35.73 -3.45 0.00
VALLEY___115KV_TB 1-4 80826	37.53 -0.26 0.00	33.44 -0.24 0.00	31.83 -0.22 0.00	30.29 -0.24 0.00	29.92 -0.24 0.00	30.40 -0.18 0.00	28.89 -0.17 0.00	27.99 -0.17 0.00	29.36 -0.24 0.00	28.93 -0.23 0.00	28.56 -0.23 0.00	30.06 -0.24 0.00	30.00 -0.27 0.00	31.95 -0.26 0.00	34.49 -0.28 0.00	37.12 -0.30 0.00	39.40 -0.32 0.00	45.01 -0.36 0.00	53.95 -0.33 0.00	57.74 -0.29 0.00	56.88 -0.23 0.00	50.94 -0.10 0.00	45.04 0.00 0.00	39.18 0.00 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.87 1.17 0.10	34.78 1.11 0.00	33.02 0.99 0.03	31.39 0.92 0.07	31.03 0.87 0.02	31.45 0.92 0.05	29.88 0.84 0.02	29.04 0.87 0.00	30.45 0.86 0.00	30.04 0.87 0.00	29.63 0.83 0.00	31.15 0.85 0.00	31.06 0.79 0.00	33.10 0.90 0.00	35.71 0.94 0.00	38.47 1.05 0.00	40.91 1.27 0.08	46.67 1.50 0.20	55.89 1.95 0.34	59.52 1.92 0.43	58.60 1.83 0.34	52.33 1.58 0.29	46.13 1.26 0.17	40.16 0.98 0.00
VISCHER___FERRY HYD 24020	39.34 1.55 0.00	35.02 1.35 0.00	33.37 1.31 0.00	31.73 1.19 0.00	31.40 1.24 0.00	31.84 1.25 0.00	30.31 1.25 0.00	29.23 1.07 0.00	30.57 0.98 0.00	30.10 0.93 0.00	29.65 0.86 0.00	31.25 0.94 0.00	31.12 0.85 0.00	32.97 0.77 0.00	35.71 0.94 0.00	38.62 1.20 0.00	40.83 1.11 0.00	46.73 1.36 0.00	55.74 1.47 0.00	59.84 1.80 0.00	58.94 1.83 0.00	52.62 1.58 0.00	46.53 1.48 0.00	40.11 0.94 0.00
V_A_10_SYNC_DSASP 323832	27.35 -4.54 5.91	25.77 -4.01 3.90	23.81 -3.91 4.33	23.91 -3.73 2.90	24.55 -3.74 1.88	25.57 -3.79 1.23	24.19 -3.72 1.15	23.47 -3.18 1.51	23.99 -3.14 2.47	25.62 -3.03 0.51	25.09 -3.08 0.62	25.14 -3.27 1.89	25.72 -3.21 1.35	24.97 -3.38 3.85	26.88 -3.79 4.10	28.61 -4.42 4.39	30.07 -4.53 5.12	36.60 -5.17 3.60	42.72 -6.24 5.32	46.66 -6.73 4.64	47.32 -6.40 3.40	42.82 -5.61 2.60	38.86 -4.64 1.54	35.45 -3.72 0.00
V_CMM_10_SYNC_DSASP 323787	37.53 -0.26 0.00	33.44 -0.24 0.00	31.86 -0.19 0.00	30.38 -0.15 0.00	30.01 -0.15 0.00	30.43 -0.15 0.00	28.86 -0.20 0.00	27.94 -0.23 0.00	29.39 -0.21 0.00	28.96 -0.20 0.00	28.59 -0.20 0.00	30.09 -0.21 0.00	30.06 -0.21 0.00	32.01 -0.19 0.00	34.56 -0.21 0.00	37.27 -0.15 0.00	39.68 -0.04 0.00	45.14 -0.23 0.00	53.84 -0.43 0.00	57.57 -0.46 0.00	56.65 -0.46 0.00	51.14 0.10 0.00	45.13 0.09 0.00	39.49 0.31 0.00
V_CMP_10_SYNC_DSASP 323788	37.45 -0.34 0.00	33.37 -0.30 0.00	31.80 -0.26 0.00	30.35 -0.18 0.00	29.95 -0.21 0.00	30.37 -0.21 0.00	28.74 -0.32 0.00	27.82 -0.34 0.00	29.33 -0.27 0.00	28.93 -0.23 0.00	28.59 -0.20 0.00	30.12 -0.18 0.00	30.09 -0.18 0.00	32.07 -0.13 0.00	34.70 -0.07 0.00	37.46 0.04 0.00	39.96 0.24 0.00	45.46 0.09 0.00	54.60 0.33 0.00	58.50 0.46 0.00	57.45 0.34 0.00	51.60 0.56 0.00	45.58 0.54 0.00	39.96 0.78 0.00

V_D_10_SYNC_DSASP 323841	37.64 -0.15 0.00	33.54 -0.13 0.00	31.96 -0.10 0.00	30.51 -0.03 0.00	30.11 -0.06 0.00	30.55 -0.03 0.00	28.92 -0.15 0.00	27.99 -0.17 0.00	29.45 -0.15 0.00	28.99 -0.17 0.00	28.62 -0.17 0.00	30.12 -0.18 0.00	30.09 -0.18 0.00	32.04 -0.16 0.00	34.60 -0.17 0.00	37.31 -0.11 0.00	39.72 0.00 0.00	45.19 -0.18 0.00	54.17 -0.11 0.00	57.92 -0.12 0.00	57.05 -0.06 0.00	51.30 0.26 0.00	45.27 0.23 0.00	39.65 0.47 0.00
V_E_10_SYNC_DSASP 323830	40.05 0.79 -1.46	35.91 0.81 -1.43	34.09 0.67 -1.36	31.78 0.64 -0.60	31.39 0.60 -0.62	31.47 0.80 -0.08	29.58 0.26 -0.26	29.06 0.34 -0.56	30.59 0.09 -0.91	29.36 0.00 -0.19	28.76 -0.26 -0.23	30.64 -0.36 -0.70	30.29 -0.48 -0.50	33.27 -0.35 -1.42	35.87 -0.42 -1.51	38.50 -0.52 -1.61	41.09 -0.20 -1.58	45.97 0.09 -0.51	55.87 1.03 -0.57	59.45 1.39 -0.02	58.71 1.77 0.17	52.47 1.63 0.20	46.10 1.17 0.12	40.23 1.06 0.00
V_F_30_NSYNC___DSASP 323816	39.80 2.00 0.00	35.46 1.78 0.00	33.78 1.73 0.00	32.09 1.56 0.00	31.76 1.60 0.00	32.15 1.56 0.00	30.54 1.48 0.00	29.46 1.30 0.00	30.78 1.18 0.00	30.22 1.05 0.00	29.71 0.92 0.00	31.24 0.94 0.00	31.03 0.76 0.00	32.91 0.71 0.00	35.68 0.90 0.00	38.62 1.20 0.00	41.03 1.31 0.00	47.09 1.72 0.00	56.50 2.23 0.00	61.05 3.02 0.00	60.20 3.08 0.00	53.75 2.71 0.00	47.34 2.30 0.00	41.02 1.84 0.00
V_F_30_SYNC_DSASP 323786	38.85 1.06 0.00	34.61 0.94 0.00	33.14 1.09 0.00	31.51 0.98 0.00	31.16 1.00 0.00	31.56 0.98 0.00	30.02 0.96 0.00	28.87 0.70 0.00	30.22 0.62 0.00	29.72 0.55 0.00	29.34 0.55 0.00	30.91 0.61 0.00	30.79 0.51 0.00	32.69 0.48 0.00	35.36 0.59 0.00	38.24 0.82 0.00	40.47 0.75 0.00	46.23 0.86 0.00	55.15 0.87 0.00	59.20 1.16 0.00	58.20 1.09 0.00	51.96 0.92 0.00	45.85 0.81 0.00	39.80 0.63 0.00
V_XM_10_SYNC_DSASP 323789	37.45 -0.34 0.00	33.37 -0.30 0.00	31.80 -0.26 0.00	30.35 -0.18 0.00	29.95 -0.21 0.00	30.37 -0.21 0.00	28.74 -0.32 0.00	27.82 -0.34 0.00	29.33 -0.27 0.00	28.93 -0.23 0.00	28.59 -0.20 0.00	30.12 -0.18 0.00	30.09 -0.18 0.00	32.07 -0.13 0.00	34.70 -0.07 0.00	37.46 0.04 0.00	39.96 0.24 0.00	45.46 0.09 0.00	54.60 0.33 0.00	58.50 0.46 0.00	57.45 0.34 0.00	51.60 0.56 0.00	45.58 0.54 0.00	39.96 0.78 0.00
W.BABYLN_69_KV_BK1 56697	41.39 3.63 0.03	36.70 3.03 0.00	34.74 2.69 0.01	32.84 2.32 0.02	32.27 2.11 0.00	32.41 1.84 0.01	31.41 2.35 0.01	30.53 2.37 0.00	32.26 2.66 0.00	32.05 2.89 0.00	36.13 3.05 -4.29	41.06 3.15 -7.60	43.12 3.21 -9.64	47.91 3.35 -12.36	50.71 3.62 -12.32	52.56 4.19 -10.95	54.77 4.77 -10.29	58.92 5.40 -8.15	63.48 6.30 -2.91	66.38 5.98 -2.37	62.42 5.31 0.00	55.58 4.54 0.00	48.64 3.60 0.00	42.39 3.21 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.99 2.23 0.03	35.56 1.89 0.00	33.81 1.76 0.01	32.14 1.62 0.02	31.73 1.57 0.00	32.01 1.44 0.02	30.71 1.66 0.01	29.80 1.63 0.00	31.40 1.81 0.00	30.97 1.81 0.00	30.75 1.96 0.00	32.34 2.03 0.00	32.40 2.12 0.00	34.42 2.22 0.00	37.21 2.43 0.00	40.30 2.88 0.00	43.05 3.34 0.00	49.14 3.77 0.00	58.57 4.29 0.00	62.27 4.24 0.00	60.77 3.66 0.00	54.05 3.01 0.00	47.65 2.61 0.00	41.17 2.00 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.26 2.49 0.03	35.79 2.12 0.00	34.03 1.99 0.01	32.35 1.83 0.02	31.91 1.75 0.00	32.19 1.62 0.01	30.94 1.89 0.01	30.11 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.76 2.45 0.00	32.82 2.54 0.00	34.88 2.67 0.00	37.66 2.89 0.00	40.75 3.33 0.00	44.16 3.89 -0.55	49.72 4.36 0.00	59.22 4.94 0.00	62.85 4.82 0.00	61.28 4.17 0.00	54.41 3.37 0.00	48.01 2.97 0.00	41.45 2.27 0.00
W50THST__13_KV_LOAD 356117	40.49 2.72 0.03	35.89 2.22 0.00	34.16 2.12 0.01	32.44 1.92 0.02	32.03 1.87 0.00	32.28 1.71 0.01	31.09 2.03 0.01	30.25 2.08 0.00	31.90 2.31 0.00	31.50 2.33 0.00	31.32 2.53 0.00	32.91 2.61 0.00	32.97 2.69 0.00	35.04 2.83 0.00	37.83 3.06 0.00	40.94 3.52 0.00	44.39 4.13 -0.55	49.95 4.58 0.00	59.49 5.21 0.00	63.14 5.11 0.00	61.57 4.45 0.00	54.66 3.62 0.00	48.19 3.15 0.00	41.60 2.43 0.00
WADING RIVER_IC_1 23522	40.86 3.10 0.03	36.43 2.76 0.00	34.45 2.41 0.01	32.56 2.05 0.02	32.00 1.84 0.00	32.07 1.50 0.01	31.15 2.09 0.01	30.33 2.17 0.00	31.96 2.37 0.00	31.82 2.65 0.00	35.73 2.65 -4.29	40.54 2.64 -7.60	42.55 2.63 -9.64	45.47 2.61 -10.66	45.91 2.71 -8.42	48.38 3.48 -7.48	50.23 4.01 -6.50	55.50 4.36 -5.78	60.42 5.05 -1.09	63.73 4.81 -0.89	60.82 3.71 0.00	54.30 3.27 0.00	47.34 2.30 0.00	41.61 2.43 0.00
WADING RIVER_IC_2 23547	40.86 3.10 0.03	36.43 2.76 0.00	34.45 2.41 0.01	32.56 2.05 0.02	32.00 1.84 0.00	32.07 1.50 0.01	31.15 2.09 0.01	30.33 2.17 0.00	31.96 2.37 0.00	31.82 2.65 0.00	35.73 2.65 -4.29	40.54 2.64 -7.60	42.55 2.63 -9.64	45.47 2.61 -10.66	45.91 2.71 -8.42	48.38 3.48 -7.48	50.23 4.01 -6.50	55.50 4.36 -5.78	60.42 5.05 -1.09	63.73 4.81 -0.89	60.82 3.71 0.00	54.30 3.27 0.00	47.34 2.30 0.00	41.61 2.43 0.00
WADING RIVER_IC_3 23601	40.86 3.10 0.03	36.43 2.76 0.00	34.45 2.41 0.01	32.56 2.05 0.02	32.00 1.84 0.00	32.07 1.50 0.01	31.15 2.09 0.01	30.33 2.17 0.00	31.96 2.37 0.00	31.82 2.65 0.00	35.73 2.65 -4.29	40.54 2.64 -7.60	42.55 2.63 -9.64	45.47 2.61 -10.66	45.91 2.71 -8.42	48.38 3.48 -7.48	50.23 4.01 -6.50	55.50 4.36 -5.78	60.42 5.05 -1.09	63.73 4.81 -0.89	60.82 3.71 0.00	54.30 3.27 0.00	47.34 2.30 0.00	41.61 2.43 0.00
WALDENNY_12_KV_BK2 80841	23.72 -4.31 9.76	22.17 -3.84 7.66	20.38 -3.75 7.92	22.46 -3.60 4.48	24.16 -3.74 2.27	25.37 -3.79 1.42	23.54 -3.69 1.83	22.07 -3.07 3.02	21.66 -2.99 4.94	25.19 -2.95 1.03	24.56 -2.99 1.23	23.37 -3.15 3.78	24.45 -3.12 2.71	21.23 -3.25 7.72	22.95 -3.62 8.21	24.67 -4.12 8.63	26.16 -4.05 9.50	35.41 -4.54 5.42	41.11 -5.48 7.69	46.24 -5.92 5.87	47.65 -5.60 3.87	42.93 -5.16 2.95	38.61 -4.68 1.75	35.38 -3.80 0.00
WALDEN___HYDRO 24148	39.84 2.08 0.03	35.42 1.75 0.00	33.68 1.63 0.01	32.01 1.50 0.02	31.61 1.45 0.00	31.92 1.35 0.02	30.57 1.51 0.01	29.63 1.46 0.00	31.19 1.60 0.00	30.71 1.55 0.00	30.46 1.67 0.00	32.06 1.76 0.00	32.09 1.82 0.00	34.10 1.90 0.00	36.86 2.09 0.00	39.97 2.54 0.00	42.70 2.98 0.00	48.77 3.40 0.00	58.19 3.91 0.00	61.92 3.89 0.00	60.48 3.37 0.00	53.80 2.76 0.00	47.43 2.39 0.00	41.02 1.84 0.00
WARRENSBURG____ 23737	40.48 2.68 0.00	36.13 2.46 0.00	34.36 2.31 0.00	32.61 2.08 0.00	32.31 2.14 0.00	32.63 2.05 0.00	31.01 1.95 0.00	29.85 1.69 0.00	31.13 1.54 0.00	30.51 1.34 0.00	29.74 0.95 0.00	31.27 0.97 0.00	30.82 0.54 0.00	32.59 0.39 0.00	35.40 0.63 0.00	38.43 1.01 0.00	41.23 1.51 0.00	47.46 2.09 0.00	57.48 3.20 0.00	62.56 4.53 0.00	61.79 4.68 0.00	55.12 4.08 0.00	48.46 3.42 0.00	41.96 2.78 0.00

WATERSIDE___6 8 9 23538	40.42 2.65 0.02	35.90 2.22 -0.01	34.17 2.12 0.00	32.45 1.92 0.01	32.04 1.87 0.00	32.25 1.68 0.01	31.00 1.95 0.01	30.11 1.94 0.00	31.75 2.16 0.00	31.35 2.19 0.00	31.18 2.39 0.00	32.79 2.48 0.00	32.88 2.60 0.00	34.88 2.67 0.00	37.62 2.85 0.00	40.75 3.33 0.00	44.13 3.85 -0.56	49.77 4.40 0.00	59.22 4.94 0.00	62.85 4.82 0.00	61.22 4.11 0.00	54.41 3.37 0.00	48.06 3.02 0.00	41.53 2.35 0.00
WATKINRD_115KV_LN8_ILLION 55919	37.68 -0.11 0.00	33.57 -0.10 0.00	31.96 -0.10 0.00	30.45 -0.09 0.00	30.08 -0.09 0.00	30.52 -0.06 0.00	29.00 -0.06 0.00	28.11 -0.06 0.00	29.48 -0.12 0.00	29.05 -0.12 0.00	28.68 -0.12 0.00	30.18 -0.12 0.00	30.15 -0.12 0.00	32.07 -0.13 0.00	34.63 -0.14 0.00	37.27 -0.15 0.00	39.56 -0.16 0.00	45.19 -0.18 0.00	54.17 -0.11 0.00	57.92 -0.12 0.00	57.05 -0.06 0.00	50.99 -0.05 0.00	45.09 0.05 0.00	39.22 0.04 0.00
WDELAWARE___HYD 323627	39.76 2.00 0.03	35.35 1.68 0.00	33.61 1.57 0.01	31.92 1.41 0.02	31.52 1.36 0.00	31.85 1.28 0.02	30.48 1.42 0.01	29.49 1.32 0.00	31.01 1.42 0.00	30.51 1.34 0.00	30.20 1.41 0.00	31.79 1.48 0.00	31.82 1.54 0.00	33.84 1.64 0.00	36.58 1.81 0.00	39.74 2.32 0.00	42.46 2.74 0.00	48.59 3.22 0.00	57.97 3.69 0.00	61.75 3.72 0.00	60.31 3.20 0.00	53.69 2.65 0.00	47.25 2.21 0.00	40.78 1.61 0.00
WEST BABYLON___IC 23714	41.39 3.63 0.03	36.70 3.03 0.00	34.74 2.69 0.01	32.84 2.32 0.02	32.27 2.11 0.00	32.41 1.84 0.01	31.41 2.35 0.01	30.53 2.37 0.00	32.26 2.66 0.00	32.05 2.89 0.00	36.13 3.05 -4.29	41.06 3.15 -7.60	43.12 3.21 -9.64	47.91 3.35 -12.36	50.71 3.62 -12.32	52.56 4.19 -10.95	54.77 4.77 -10.29	58.92 5.40 -8.15	63.48 6.30 -2.91	66.38 5.98 -2.37	62.42 5.31 0.00	55.58 4.54 0.00	48.64 3.60 0.00	42.39 3.21 0.00
WEST CANADA___HYD 24049	37.91 0.11 0.00	33.77 0.10 0.00	32.15 0.10 0.00	30.60 0.06 0.00	30.23 0.06 0.00	30.68 0.09 0.00	29.15 0.09 0.00	28.25 0.08 0.00	29.65 0.06 0.00	29.22 0.06 0.00	28.85 0.06 0.00	30.37 0.06 0.00	30.34 0.06 0.00	32.24 0.03 0.00	34.81 0.03 0.00	37.50 0.07 0.00	39.76 0.04 0.00	45.46 0.09 0.00	54.39 0.11 0.00	58.15 0.12 0.00	57.17 0.06 0.00	51.09 0.05 0.00	45.09 0.05 0.00	39.18 0.00 0.00
WESTERN_NY_WIND 24143	28.71 -3.55 5.53	26.25 -3.17 4.25	24.51 -3.11 4.44	24.98 -2.99 2.56	25.18 -3.14 1.84	26.51 -3.24 0.83	24.76 -3.25 1.05	23.92 -2.53 1.71	24.31 -2.49 2.79	26.08 -2.51 0.58	25.47 -2.62 0.70	25.41 -2.76 2.14	26.05 -2.69 1.53	25.01 -2.83 4.36	26.90 -3.23 4.64	28.74 -3.89 4.79	30.31 -3.89 5.51	37.30 -4.36 3.71	43.74 -5.10 5.44	48.00 -5.40 4.63	48.91 -4.85 3.35	43.99 -4.49 2.56	39.70 -3.83 1.51	36.04 -3.13 0.00
WESTOVER___LESR 323668	37.04 -0.53 0.22	33.23 -0.44 0.00	31.53 -0.45 0.07	29.96 -0.43 0.15	29.91 -0.48 -0.23	29.98 -0.49 0.12	28.49 -0.52 0.05	27.77 -0.39 0.00	29.21 -0.38 0.00	28.79 -0.38 0.00	28.39 -0.40 0.00	29.85 -0.45 0.00	29.85 -0.42 0.00	31.85 -0.35 0.00	34.36 -0.42 0.00	36.86 -0.56 0.00	39.11 -0.48 0.13	44.48 -0.54 0.35	53.08 -0.60 0.60	56.71 -0.58 0.74	56.06 -0.46 0.60	49.96 -0.56 0.52	44.06 -0.68 0.30	38.59 -0.59 0.00
WETHRSFD_WT_PWR 323626	7.51 -3.97 26.31	7.61 -3.47 22.60	6.10 -3.37 22.59	15.79 -3.21 11.54	22.52 -3.23 4.42	24.38 -3.24 2.96	21.01 -3.23 4.83	16.49 -2.84 8.83	12.25 -2.90 14.44	23.21 -2.94 3.01	22.13 -3.05 3.60	16.05 -3.21 11.04	19.25 -3.12 7.91	6.44 -3.22 22.55	7.21 -3.58 23.98	8.03 -3.93 25.46	8.66 -3.97 27.08	27.46 -4.36 13.55	30.70 -5.10 18.47	40.88 -5.05 12.11	46.23 -4.23 6.66	41.98 -4.03 5.02	38.31 -3.74 2.99	36.04 -3.14 0.00
WHAVSTOR_138KV_BK127 55557	39.84 2.08 0.03	35.39 1.72 0.00	33.68 1.63 0.01	32.01 1.50 0.02	31.61 1.45 0.00	31.89 1.32 0.02	30.59 1.54 0.01	29.71 1.55 0.00	31.31 1.72 0.00	30.89 1.72 0.00	30.66 1.87 0.00	32.24 1.94 0.00	32.27 2.00 0.00	34.33 2.13 0.00	37.07 2.30 0.00	40.15 2.73 0.00	42.85 3.14 0.00	48.91 3.54 0.00	58.29 4.02 0.00	61.92 3.89 0.00	60.48 3.37 0.00	53.80 2.76 0.00	47.43 2.39 0.00	41.02 1.84 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.84 2.08 0.03	35.39 1.72 0.00	33.68 1.63 0.01	32.01 1.50 0.02	31.61 1.45 0.00	31.89 1.32 0.02	30.59 1.54 0.01	29.71 1.55 0.00	31.31 1.72 0.00	30.89 1.72 0.00	30.66 1.87 0.00	32.24 1.94 0.00	32.27 2.00 0.00	34.33 2.13 0.00	37.07 2.30 0.00	40.15 2.73 0.00	42.85 3.14 0.00	48.91 3.54 0.00	58.29 4.02 0.00	61.92 3.89 0.00	60.48 3.37 0.00	53.80 2.76 0.00	47.43 2.39 0.00	41.02 1.84 0.00
WHITEHAL_115KV_TB1 80871	41.12 3.33 0.00	36.74 3.06 0.00	34.91 2.85 0.00	33.10 2.57 0.00	32.82 2.65 0.00	33.12 2.54 0.00	31.42 2.35 0.00	30.19 2.03 0.00	31.40 1.81 0.00	30.71 1.55 0.00	29.94 1.15 0.00	31.46 1.15 0.00	30.97 0.70 0.00	32.75 0.55 0.00	35.64 0.87 0.00	38.69 1.27 0.00	41.54 1.83 0.00	47.96 2.59 0.00	58.24 3.96 0.00	63.78 5.75 0.00	63.16 6.05 0.00	56.30 5.26 0.00	49.41 4.37 0.00	42.78 3.60 0.00
WHITEPLN_13_KV_LOAD 356215	40.33 2.57 0.03	35.86 2.19 0.00	34.13 2.08 0.01	32.41 1.89 0.02	31.97 1.81 0.00	32.25 1.68 0.02	30.97 1.92 0.01	30.11 1.94 0.00	31.72 2.13 0.00	31.30 2.13 0.00	31.07 2.27 0.00	32.64 2.33 0.00	32.70 2.42 0.00	34.75 2.54 0.00	37.52 2.75 0.00	40.68 3.26 0.00	43.49 3.77 0.00	49.72 4.36 0.00	59.27 4.99 0.00	63.03 4.99 0.00	61.39 4.28 0.00	54.56 3.52 0.00	48.06 3.02 0.00	41.57 2.39 0.00
WM_FLOYD_69_KV_BK2 356380	41.09 3.33 0.03	36.57 2.90 0.00	34.58 2.53 0.01	32.69 2.17 0.02	32.09 1.93 0.00	32.19 1.62 0.01	31.26 2.21 0.01	30.36 2.20 0.00	32.05 2.46 0.00	31.88 2.71 0.00	35.85 2.76 -4.29	40.69 2.79 -7.60	42.70 2.79 -9.64	45.69 2.80 -10.68	46.24 2.99 -8.47	48.58 3.63 -7.53	50.56 4.29 -6.55	55.90 4.72 -5.81	60.88 5.48 -1.12	63.93 4.99 -0.91	61.39 4.28 0.01	54.76 3.73 0.00	48.15 3.11 0.00	42.00 2.82 0.00
WOODARD___115KV_TB2 355635	37.04 -0.76 0.00	33.03 -0.64 0.00	31.41 -0.64 0.00	29.93 -0.61 0.00	29.78 -0.60 -0.22	29.97 -0.61 0.00	28.42 -0.64 0.00	27.60 -0.56 0.00	29.06 -0.53 0.00	28.64 -0.52 0.00	28.22 -0.58 0.00	29.70 -0.61 0.00	29.67 -0.61 0.00	31.62 -0.58 0.00	34.11 -0.66 0.00	36.52 -0.90 0.00	38.55 -1.03 0.14	43.87 -1.13 0.37	52.40 -1.25 0.63	56.05 -1.22 0.76	55.39 -1.09 0.63	49.50 -1.02 0.52	43.79 -0.95 0.31	38.39 -0.78 0.00
YORK___WARBASSE 23770	40.68 2.91 0.02	36.10 2.42 -0.01	34.36 2.31 0.00	32.66 2.14 0.01	32.22 2.05 0.00	32.41 1.84 0.01	31.03 1.98 0.01	30.08 1.92 0.00	31.69 2.10 0.00	31.30 2.13 0.00	31.15 2.36 0.00	32.79 2.48 0.00	32.88 2.60 0.00	34.91 2.71 0.00	37.66 2.89 0.00	40.86 3.44 0.00	44.25 3.97 -0.56	49.95 4.58 0.00	59.43 5.16 0.00	63.08 5.05 0.00	61.39 4.28 0.00	54.61 3.57 0.00	48.34 3.29 -0.01	41.77 2.59 -0.01