

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								05/07/2026		
Generator Data																												
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1 24138	EDT	41.53	38.96	36.71	36.00	37.57	43.48	56.67	54.87	44.95	37.38	36.63	35.96	35.16	34.92	35.29	37.61	42.81	48.66	59.59	68.36	73.85	58.34	44.91	39.21			
		3.00	2.72	2.66	2.51	2.62	3.30	4.34	4.35	3.71	3.27	3.42	3.50	3.48	3.55	3.24	3.32	3.40	3.98	4.94	6.38	6.71	5.01	3.78	3.17			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.27	-3.40	-4.38	-7.61	-7.83	-9.74	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1 24260	EDT	41.49	38.92	36.67	35.97	37.54	43.44	56.56	54.77	44.82	37.31	36.56	35.89	35.09	34.86	35.23	37.55	42.74	48.59	59.54	68.24	73.72	58.23	44.87	39.18			
		2.97	2.68	2.62	2.48	2.59	3.26	4.24	4.24	3.59	3.21	3.35	3.44	3.42	3.48	3.18	3.26	3.34	3.91	4.90	6.26	6.58	4.91	3.74	3.14			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.27	-3.40	-4.38	-7.61	-7.83	-9.74	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2 24261	EDT	41.49	38.92	36.67	35.97	37.54	43.44	56.56	54.77	44.82	37.31	36.56	35.89	35.09	34.86	35.23	37.55	42.74	48.59	59.54	68.24	73.72	58.23	44.87	39.18			
		2.97	2.68	2.62	2.48	2.59	3.26	4.24	4.24	3.59	3.21	3.35	3.44	3.42	3.48	3.18	3.26	3.34	3.91	4.90	6.26	6.58	4.91	3.74	3.14			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.27	-3.40	-4.38	-7.61	-7.83	-9.74	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011	EDT	41.14	38.78	36.40	35.83	37.40	43.12	56.14	53.71	43.46	35.60	34.57	33.65	32.75	32.46	33.76	36.26	42.52	48.37	59.39	66.07	71.57	57.22	44.05	38.46			
		2.62	2.54	2.35	2.34	2.45	2.93	3.82	3.18	2.23	1.50	1.36	1.20	1.11	1.06	1.00	1.05	1.49	2.03	2.69	4.09	4.43	3.89	2.92	2.41			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.30	-4.11	-5.31	-9.22	-9.49	-11.79	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY 23798	EDT	41.30	38.99	36.57	35.97	37.57	43.32	56.56	53.91	43.63	35.67	34.60	33.68	32.75	32.49	33.79	36.32	42.58	48.48	60.25	66.44	71.97	57.54	44.25	38.57			
		2.78	2.75	2.52	2.48	2.62	3.14	4.24	3.39	2.39	1.57	1.39	1.23	1.11	1.09	1.03	1.11	1.56	2.14	2.88	4.46	4.84	4.21	3.12	2.52			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.30	-4.11	-5.31	-9.22	-9.49	-12.47	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS 24028	EDT	41.14	38.78	36.40	35.83	37.40	43.12	56.14	53.71	43.46	35.60	34.57	33.65	32.75	32.46	33.76	36.26	42.52	48.37	59.39	66.07	71.57	57.22	44.05	38.46			
		2.62	2.54	2.35	2.34	2.45	2.93	3.82	3.18	2.23	1.50	1.36	1.20	1.11	1.06	1.00	1.05	1.49	2.03	2.69	4.09	4.43	3.89	2.92	2.41			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.30	-4.11	-5.31	-9.22	-9.49	-11.79	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM 23527	EDT	40.91	38.56	36.16	35.53	37.12	42.76	55.72	53.61	43.67	36.05	35.14	34.30	33.46	33.01	34.19	36.65	42.72	48.49	60.07	65.95	71.17	56.90	43.93	38.35			
		2.39	2.32	2.11	2.04	2.17	2.57	3.40	3.08	2.43	1.94	1.93	1.85	1.80	1.62	1.52	1.55	1.91	2.36	2.96	3.97	4.03	3.57	2.80	2.31			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.29	-4.02	-5.19	-9.01	-9.27	-12.20	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP 24190	EDT	39.83	37.47	35.24	34.66	36.14	41.39	53.68	51.69	42.14	34.78	33.91	33.17	32.31	32.05	33.22	35.70	41.54	47.08	57.56	63.59	68.75	54.77	42.44	37.38			
		1.31	1.23	1.19	1.17	1.19	1.21	1.36	1.16	0.91	0.68	0.70	0.71	0.66	0.65	0.57	0.63	0.76	1.00	1.17	1.61	1.61	1.44	1.32	1.33			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.29	-4.00	-5.17	-8.97	-9.23	-11.49	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK 355683	EDT	38.14	35.88	33.64	33.12	34.53	39.82	51.91	49.87	40.49	33.49	32.55	31.90	31.06	30.55	28.16	29.46	31.32	36.23	44.37	60.99	66.06	52.95	40.72	35.68			
		-0.39	-0.36	-0.41	-0.37	-0.42	-0.36	-0.42	-0.66	-0.74	-0.61	-0.66	-0.55	-0.57	-0.56	-0.49	-0.45	-0.48	-0.63	-0.54	-0.99	-1.07	-0.37	-0.41	-0.36			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR 323833	EDT	40.37	38.09	35.75	35.13	36.66	42.11	54.73	52.24	42.39	34.85	33.91	33.13	32.27	31.92	33.11	35.64	41.48	47.14	59.93	64.97	70.16	55.93	43.18	37.81			
		1.85	1.85	1.70	1.64	1.71	1.93	2.41	1.72	1.15	0.75	0.70	0.68	0.63	0.53	0.52	0.63	0.83	1.18	1.80	2.79	3.02	2.51	2.01	1.77			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.29	-3.95	-5.10	-8.85	-9.11	-13.22	-0.21	0.00	-0.10	-0.04	0.00			
ALBANY_2_SOLAR 323834	EDT	40.37	38.09	35.75	35.13	36.66	42.11	54.68	52.24	42.35	34.85	33.91	33.13	32.27	31.95	33.12	35.64	41.48	47.15	59.93	64.97	70.16	55.93	43.18	37.77			
		1.85	1.85	1.70	1.64	1.71	1.93	2.36	1.72	1.11	0.75	0.70	0.68	0.63	0.56	0.52	0.63	0.83	1.18	1.80	2.79	3.02	2.51	2.01	1.73			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.29	-3.95	-5.10	-8.85	-9.11	-13.22	-0.21	0.00	-0.10	-0.04	0.00			
ALBANY___1 23571	EDT	39.83	37.47	35.24	34.66	36.14	41.39	53.68	51.69	42.14	34.78	33.91	33.17	32.31	32.05	33.22	35.70	41.54	47.08	57.56	63.59	68.75	54.77	42.44	37.38			
		1.31	1.23	1.19	1.17	1.19	1.21	1.36	1.16	0.91	0.68	0.70	0.71	0.66	0.65	0.57	0.63	0.76	1.00	1.17	1.61	1.61	1.44	1.32	1.33			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.29	-4.00	-5.17	-8.97	-9.23	-11.49	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	39.83 1.31 0.00	37.47 1.23 0.00	35.24 1.19 0.00	34.66 1.17 0.00	36.14 1.19 0.00	41.39 1.21 0.00	53.68 1.36 0.00	51.69 1.16 0.00	42.14 0.91 0.00	34.78 0.68 0.00	33.91 0.70 0.00	33.17 0.71 0.00	32.31 0.66 -0.01	32.05 0.65 -0.29	33.22 0.57 -4.00	35.70 0.63 -5.17	41.54 0.76 -8.97	47.08 1.00 -9.23	57.56 1.17 -11.49	63.59 1.61 0.00	68.75 1.61 0.00	54.77 1.44 0.00	42.44 1.32 0.00	37.38 1.33 0.00
ALBANY___3 23573	39.83 1.31 0.00	37.47 1.23 0.00	35.24 1.19 0.00	34.66 1.17 0.00	36.14 1.19 0.00	41.39 1.21 0.00	53.68 1.36 0.00	51.69 1.16 0.00	42.14 0.91 0.00	34.78 0.68 0.00	33.91 0.70 0.00	33.17 0.71 0.00	32.31 0.66 -0.01	32.05 0.65 -0.29	33.22 0.57 -4.00	35.70 0.63 -5.17	41.54 0.76 -8.97	47.08 1.00 -9.23	57.56 1.17 -11.49	63.59 1.61 0.00	68.75 1.61 0.00	54.77 1.44 0.00	42.44 1.32 0.00	37.38 1.33 0.00
ALBANY___4 23574	39.83 1.31 0.00	37.47 1.23 0.00	35.24 1.19 0.00	34.66 1.17 0.00	36.14 1.19 0.00	41.39 1.21 0.00	53.68 1.36 0.00	51.69 1.16 0.00	42.14 0.91 0.00	34.78 0.68 0.00	33.91 0.70 0.00	33.17 0.71 0.00	32.31 0.66 -0.01	32.05 0.65 -0.29	33.22 0.57 -4.00	35.70 0.63 -5.17	41.54 0.76 -8.97	47.08 1.00 -9.23	57.56 1.17 -11.49	63.59 1.61 0.00	68.75 1.61 0.00	54.77 1.44 0.00	42.44 1.32 0.00	37.38 1.33 0.00
ALBANY___LFGE 323615	40.10 1.58 0.00	37.80 1.56 0.00	35.48 1.43 0.00	34.86 1.37 0.00	36.38 1.43 0.00	41.71 1.53 0.00	54.26 1.94 0.00	52.09 1.57 0.00	42.47 1.24 0.00	35.02 0.92 0.00	34.14 0.93 0.00	33.36 0.91 0.00	32.50 0.85 -0.02	32.21 0.81 -0.29	33.43 0.74 -4.03	35.95 0.84 -5.21	41.83 0.99 -9.04	47.41 1.25 -9.30	58.71 1.57 -12.23	64.15 2.17 0.00	69.35 2.21 0.00	55.30 1.97 0.00	42.81 1.69 0.00	37.56 1.51 0.00
ALCOA_PA_115KV_PL-6C 55860	38.14 -0.39 0.00	35.91 -0.33 0.00	33.64 -0.41 0.00	33.15 -0.33 0.00	34.53 -0.42 0.00	39.86 -0.32 0.00	51.96 -0.36 0.00	49.92 -0.60 0.00	40.41 -0.82 0.00	33.45 -0.65 0.00	32.45 -0.76 0.00	31.80 -0.65 0.00	30.96 -0.67 0.00	30.48 -0.62 0.00	28.08 -0.57 0.00	29.40 -0.51 0.00	31.26 -0.54 0.00	36.15 -0.70 0.00	44.37 -0.54 0.00	61.48 -0.50 0.00	66.60 -0.54 0.00	53.11 -0.21 0.00	40.80 -0.33 0.00	35.75 -0.29 0.00
ALCOA_RYNLDS___DRP 24188	38.14 -0.39 0.00	35.88 -0.36 0.00	33.64 -0.41 0.00	33.12 -0.37 0.00	34.53 -0.42 0.00	39.86 -0.32 0.00	52.06 -0.26 0.00	49.92 -0.61 0.00	40.41 -0.82 0.00	33.45 -0.65 0.00	32.45 -0.76 0.00	31.80 -0.65 0.00	30.96 -0.66 0.00	30.42 -0.68 0.00	28.08 -0.57 0.00	29.37 -0.54 0.00	31.26 -0.54 0.00	36.15 -0.70 0.00	44.37 -0.54 0.00	61.48 -0.50 0.00	66.60 -0.54 0.00	53.11 -0.21 0.00	40.80 -0.33 0.00	35.75 -0.29 0.00
ALCOA___DSASP 323711	38.14 -0.39 0.00	35.88 -0.36 0.00	33.64 -0.41 0.00	33.12 -0.37 0.00	34.53 -0.42 0.00	39.86 -0.32 0.00	52.06 -0.26 0.00	49.92 -0.61 0.00	40.41 -0.82 0.00	33.45 -0.65 0.00	32.45 -0.76 0.00	31.80 -0.65 0.00	30.96 -0.66 0.00	30.42 -0.68 0.00	28.08 -0.57 0.00	29.37 -0.54 0.00	31.26 -0.54 0.00	36.15 -0.70 0.00	44.37 -0.54 0.00	61.48 -0.50 0.00	66.60 -0.54 0.00	53.11 -0.21 0.00	40.80 -0.33 0.00	35.75 -0.29 0.00
ALLEGHENY___COGEN 23514	38.00 -0.50 0.02	35.46 -0.76 0.02	33.63 -0.41 0.02	33.23 -0.23 0.02	34.72 -0.21 0.02	39.60 -0.56 0.02	50.07 -0.63 1.63	49.24 -1.26 0.03	40.27 -0.95 0.02	32.78 -1.30 0.02	31.43 -1.76 0.02	30.32 -2.11 0.02	29.64 -1.96 0.02	28.91 -2.18 0.01	26.83 -1.92 -0.10	27.89 -1.97 0.05	29.69 -2.04 0.07	34.33 -1.81 0.72	37.20 -0.76 6.95	58.12 -0.37 3.49	65.35 0.00 1.79	51.11 -0.53 1.68	39.94 -0.58 0.61	35.52 -0.50 0.02
ALTAMONT_115KV_TB 2 55880	39.87 1.35 0.00	37.51 1.27 0.00	35.28 1.23 0.00	34.66 1.17 0.00	36.17 1.22 0.00	41.59 1.41 0.00	54.10 1.78 0.00	51.99 1.47 0.00	42.39 1.15 0.00	35.02 0.92 0.00	34.14 0.93 0.00	33.36 0.91 0.00	32.52 0.89 -0.01	32.27 0.87 -0.29	33.45 0.80 -3.99	35.90 0.84 -5.16	41.74 0.99 -8.96	47.29 1.22 -9.22	58.04 1.66 -11.47	64.21 2.23 0.00	69.49 2.35 0.00	55.25 1.92 0.00	42.69 1.56 0.00	37.41 1.37 0.00
ALTONA_WT_PWR 323606	38.10 -0.42 0.00	35.81 -0.43 0.00	33.51 -0.55 0.00	33.02 -0.47 0.00	34.39 -0.56 0.00	39.71 -0.48 0.00	51.64 -0.68 0.00	49.67 -0.86 0.00	40.29 -0.95 0.00	33.28 -0.82 0.00	32.31 -0.90 0.00	31.67 -0.78 0.00	30.84 -0.79 0.00	30.36 -0.75 0.00	27.96 -0.69 0.00	29.25 -0.66 0.00	31.13 -0.67 0.00	36.08 -0.78 0.00	44.24 -0.67 0.00	61.30 -0.68 0.00	66.40 -0.74 0.00	52.90 -0.43 0.00	40.64 -0.49 0.00	35.57 -0.47 0.00
AMERICAN_REF_FUEL 24010	34.73 -3.77 0.02	32.38 -3.84 0.02	30.97 -3.06 0.02	30.76 -2.71 0.02	31.79 -3.15 0.02	35.35 -4.82 0.02	43.99 -6.02 2.32	44.14 -6.37 0.02	37.18 -4.04 0.02	30.68 -3.41 0.02	29.54 -3.65 0.01	28.51 -3.93 0.02	27.94 -3.67 0.02	27.12 -3.98 0.00	25.17 -3.64 -0.16	26.06 -3.86 -0.02	27.60 -4.23 -0.03	31.97 -4.42 0.46	34.94 -4.71 5.26	50.72 -7.75 3.51	57.56 -7.72 1.86	45.29 -6.35 1.69	36.12 -4.40 0.61	32.60 -3.42 0.02
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.27 -2.24 0.02	34.37 -1.85 0.02	32.23 -1.81 0.02	31.59 -1.87 0.02	32.94 -1.99 0.02	37.71 -2.45 0.02	46.86 -3.40 2.07	47.22 -3.28 0.02	39.12 -2.10 0.02	32.14 -1.94 0.02	31.04 -2.16 0.02	30.00 -2.43 0.02	29.24 -2.37 0.02	28.58 -2.52 0.01	26.37 -2.44 -0.16	27.24 -2.63 0.03	28.82 -2.93 0.05	32.99 -3.21 0.66	36.04 -2.78 6.08	54.67 -3.78 3.53	61.24 -4.03 1.87	48.59 -3.04 1.70	38.46 -2.06 0.61	33.97 -2.05 0.02
ARTHUR KILL_GT_1 23520	41.80 3.27 -0.01	39.22 2.97 -0.01	36.88 2.83 0.00	36.13 2.65 0.00	37.68 2.73 0.00	43.36 3.17 0.00	56.20 3.87 0.00	54.21 3.69 0.00	44.20 2.97 0.00	36.80 2.69 0.00	36.07 2.86 0.00	35.44 2.99 0.00	34.65 2.97 -0.05	34.45 3.08 -0.27	34.86 2.81 -3.40	37.13 2.84 -4.38	42.30 2.89 -7.61	48.11 3.43 -7.83	59.09 4.45 -9.74	67.68 5.70 0.00	73.11 5.98 0.00	57.86 4.53 0.00	44.66 3.54 0.00	39.14 3.10 0.00
ARTHUR_KILL_2 23512	41.69 3.16 -0.01	39.36 3.12 -0.01	36.78 2.73 0.00	35.97 2.48 0.00	37.57 2.62 0.00	43.24 3.05 0.00	56.14 3.82 0.00	54.11 3.59 0.00	44.16 2.93 0.00	36.73 2.63 0.00	36.00 2.79 0.00	35.37 2.92 0.00	34.58 2.91 -0.05	34.39 3.02 -0.27	34.77 2.72 -3.40	37.03 2.75 -4.38	42.20 2.80 -7.60	48.03 3.35 -7.82	61.56 4.31 -12.33	67.77 5.51 -0.28	72.84 5.70 0.00	57.83 4.37 -0.13	44.59 3.41 -0.05	38.82 2.78 0.00
ARTHUR_KILL_3 23513	41.18 2.66 0.00	38.81 2.57 0.00	36.40 2.35 0.00	35.60 2.11 0.00	37.22 2.27 0.00	43.12 2.93 0.00	56.30 3.97 0.00	54.42 3.89 0.00	44.62 3.38 0.00	37.10 3.00 0.00	36.37 3.16 0.00	35.70 3.24 0.00	34.87 3.19 -0.05	34.67 3.30 -0.27	35.06 3.01 -3.40	37.34 3.05 -4.38	42.52 3.12 -7.60	48.36 3.69 -7.82	61.83 4.58 -12.33	68.08 5.82 -0.28	73.25 6.11 0.00	57.99 4.53 -0.13	44.59 3.41 -0.05	38.75 2.70 0.00

ARTHUR_KILL_COGEN 323718	41.76 3.24 -0.01	39.44 3.19 -0.01	36.88 2.82 0.00	36.07 2.58 0.00	37.68 2.73 0.00	43.32 3.14 0.00	56.30 3.97 0.00	54.21 3.69 0.00	44.24 3.01 0.00	36.80 2.69 0.00	36.10 2.89 0.00	35.43 2.98 0.00	34.65 2.97 -0.05	34.45 3.08 -0.27	34.83 2.78 -3.40	37.13 2.84 -4.38	42.29 2.89 -7.60	48.10 3.43 -7.82	61.69 4.45 -12.33	67.96 5.70 -0.28	73.05 5.91 0.00	57.99 4.53 -0.13	44.72 3.54 -0.05	38.93 2.88 0.00
ASHOKAN____ 23654	41.26 2.74 0.00	38.99 2.75 0.00	36.51 2.45 0.00	35.87 2.38 0.00	37.47 2.52 0.00	43.24 3.05 0.00	56.30 3.97 0.00	53.86 3.33 0.00	43.67 2.43 0.00	35.74 1.64 0.00	34.80 1.59 0.00	33.94 1.49 0.00	33.07 1.42 -0.02	31.75 0.37 -0.27	32.76 0.37 -3.73	35.21 0.48 -4.83	40.81 0.64 -8.38	46.47 1.00 -8.62	59.52 1.71 -12.90	66.92 4.71 -0.23	72.38 5.24 0.00	57.44 4.00 -0.11	44.34 3.17 -0.04	38.64 2.60 0.00
ASTORIA_EAST_ENERGY_CC1 323581	41.10 2.58 0.00	38.88 2.64 0.00	36.51 2.45 0.00	35.63 2.15 0.00	37.26 2.31 0.00	42.88 2.69 0.00	55.88 3.56 0.01	54.05 3.54 0.01	44.32 3.09 0.01	36.96 2.87 0.01	36.26 3.05 0.01	35.59 3.15 0.01	34.86 3.19 -0.04	34.66 3.30 -0.26	35.02 2.98 -3.39	37.21 2.93 -4.37	42.32 2.92 -7.59	48.10 3.43 -7.81	61.50 4.27 -12.33	67.64 5.39 -0.27	72.70 5.57 0.01	57.56 4.11 -0.13	44.30 3.12 -0.05	38.50 2.45 0.00
ASTORIA_EAST_ENERGY_CC2 323582	41.10 2.58 0.00	38.88 2.64 0.00	36.51 2.45 0.00	35.63 2.15 0.00	37.26 2.31 0.00	42.88 2.69 0.00	55.88 3.56 0.01	54.05 3.54 0.01	44.32 3.09 0.01	36.96 2.87 0.01	36.26 3.05 0.01	35.59 3.15 0.01	34.86 3.19 -0.04	34.66 3.30 -0.26	35.02 2.98 -3.39	37.21 2.93 -4.37	42.32 2.92 -7.59	48.10 3.43 -7.81	61.50 4.27 -12.33	67.64 5.39 -0.27	72.70 5.57 0.01	57.56 4.11 -0.13	44.30 3.12 -0.05	38.50 2.45 0.00
ASTORIA_GT2_1 24094	41.14 2.62 0.00	38.63 2.39 0.00	36.50 2.45 0.00	35.70 2.21 0.00	37.29 2.34 0.00	42.92 2.73 0.00	55.83 3.51 0.00	54.06 3.54 0.00	44.33 3.09 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.63 3.18 0.00	34.86 3.19 -0.04	34.66 3.30 -0.26	35.02 2.98 -3.39	37.25 2.96 -4.38	42.36 2.96 -7.61	48.14 3.46 -7.83	58.91 4.27 -9.74	67.37 5.39 0.00	72.78 5.64 0.00	57.49 4.16 0.00	44.29 3.17 0.00	38.75 2.70 0.00
ASTORIA_GT2_2 24095	41.14 2.62 0.00	38.63 2.39 0.00	36.50 2.45 0.00	35.70 2.21 0.00	37.29 2.34 0.00	42.92 2.73 0.00	55.83 3.51 0.00	54.06 3.54 0.00	44.33 3.09 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.63 3.18 0.00	34.86 3.19 -0.04	34.66 3.30 -0.26	35.02 2.98 -3.39	37.25 2.96 -4.38	42.36 2.96 -7.61	48.14 3.46 -7.83	58.91 4.27 -9.74	67.37 5.39 0.00	72.78 5.64 0.00	57.49 4.16 0.00	44.29 3.17 0.00	38.75 2.70 0.00
ASTORIA_GT2_3 24096	41.14 2.62 0.00	38.63 2.39 0.00	36.50 2.45 0.00	35.70 2.21 0.00	37.29 2.34 0.00	42.92 2.73 0.00	55.83 3.51 0.00	54.06 3.54 0.00	44.33 3.09 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.63 3.18 0.00	34.86 3.19 -0.04	34.66 3.30 -0.26	35.02 2.98 -3.39	37.25 2.96 -4.38	42.36 2.96 -7.61	48.14 3.46 -7.83	58.91 4.27 -9.74	67.37 5.39 0.00	72.78 5.64 0.00	57.49 4.16 0.00	44.29 3.17 0.00	38.75 2.70 0.00
ASTORIA_GT2_4 24097	41.14 2.62 0.00	38.63 2.39 0.00	36.50 2.45 0.00	35.70 2.21 0.00	37.29 2.34 0.00	42.92 2.73 0.00	55.83 3.51 0.00	54.06 3.54 0.00	44.33 3.09 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.63 3.18 0.00	34.86 3.19 -0.04	34.66 3.30 -0.26	35.02 2.98 -3.39	37.25 2.96 -4.38	42.36 2.96 -7.61	48.14 3.46 -7.83	58.91 4.27 -9.74	67.37 5.39 0.00	72.78 5.64 0.00	57.49 4.16 0.00	44.29 3.17 0.00	38.75 2.70 0.00
ASTORIA_GT3_1 24098	41.14 2.62 0.00	38.63 2.39 0.00	36.50 2.45 0.00	35.70 2.21 0.00	37.29 2.34 0.00	42.92 2.73 0.00	55.83 3.51 0.00	54.06 3.54 0.00	44.33 3.09 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.63 3.18 0.00	34.86 3.19 -0.04	34.66 3.30 -0.26	35.02 2.98 -3.39	37.25 2.96 -4.38	42.36 2.96 -7.61	48.14 3.46 -7.83	58.91 4.27 -9.74	67.37 5.39 0.00	72.78 5.64 0.00	57.49 4.16 0.00	44.29 3.17 0.00	38.75 2.70 0.00
ASTORIA_GT3_2 24099	41.14 2.62 0.00	38.63 2.39 0.00	36.50 2.45 0.00	35.70 2.21 0.00	37.29 2.34 0.00	42.92 2.73 0.00	55.83 3.51 0.00	54.06 3.54 0.00	44.33 3.09 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.63 3.18 0.00	34.86 3.19 -0.04	34.66 3.30 -0.26	35.02 2.98 -3.39	37.25 2.96 -4.38	42.36 2.96 -7.61	48.14 3.46 -7.83	58.91 4.27 -9.74	67.37 5.39 0.00	72.78 5.64 0.00	57.49 4.16 0.00	44.29 3.17 0.00	38.75 2.70 0.00
ASTORIA_GT3_3 24100	41.14 2.62 0.00	38.63 2.39 0.00	36.50 2.45 0.00	35.70 2.21 0.00	37.29 2.34 0.00	42.92 2.73 0.00	55.83 3.51 0.00	54.06 3.54 0.00	44.33 3.09 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.63 3.18 0.00	34.86 3.19 -0.04	34.66 3.30 -0.26	35.02 2.98 -3.39	37.25 2.96 -4.38	42.36 2.96 -7.61	48.14 3.46 -7.83	58.91 4.27 -9.74	67.37 5.39 0.00	72.78 5.64 0.00	57.49 4.16 0.00	44.29 3.17 0.00	38.75 2.70 0.00
ASTORIA_GT3_4 24101	41.14 2.62 0.00	38.63 2.39 0.00	36.50 2.45 0.00	35.70 2.21 0.00	37.29 2.34 0.00	42.92 2.73 0.00	55.83 3.51 0.00	54.06 3.54 0.00	44.33 3.09 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.63 3.18 0.00	34.86 3.19 -0.04	34.66 3.30 -0.26	35.02 2.98 -3.39	37.25 2.96 -4.38	42.36 2.96 -7.61	48.14 3.46 -7.83	58.91 4.27 -9.74	67.37 5.39 0.00	72.78 5.64 0.00	57.49 4.16 0.00	44.29 3.17 0.00	38.75 2.70 0.00
ASTORIA_GT4_1 24102	41.14 2.62 0.00	38.63 2.39 0.00	36.50 2.45 0.00	35.70 2.21 0.00	37.29 2.34 0.00	42.92 2.73 0.00	55.83 3.51 0.00	54.06 3.54 0.00	44.33 3.09 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.63 3.18 0.00	34.86 3.19 -0.04	34.66 3.30 -0.26	35.02 2.98 -3.39	37.25 2.96 -4.38	42.36 2.96 -7.61	48.14 3.46 -7.83	58.91 4.27 -9.74	67.37 5.39 0.00	72.78 5.64 0.00	57.49 4.16 0.00	44.29 3.17 0.00	38.75 2.70 0.00
ASTORIA_GT4_2 24103	41.14 2.62 0.00	38.63 2.39 0.00	36.50 2.45 0.00	35.70 2.21 0.00	37.29 2.34 0.00	42.92 2.73 0.00	55.83 3.51 0.00	54.06 3.54 0.00	44.33 3.09 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.63 3.18 0.00	34.86 3.19 -0.04	34.66 3.30 -0.26	35.02 2.98 -3.39	37.25 2.96 -4.38	42.36 2.96 -7.61	48.14 3.46 -7.83	58.91 4.27 -9.74	67.37 5.39 0.00	72.78 5.64 0.00	57.49 4.16 0.00	44.29 3.17 0.00	38.75 2.70 0.00
ASTORIA_GT4_3 24104	41.14 2.62 0.00	38.63 2.39 0.00	36.50 2.45 0.00	35.70 2.21 0.00	37.29 2.34 0.00	42.92 2.73 0.00	55.83 3.51 0.00	54.06 3.54 0.00	44.33 3.09 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.63 3.18 0.00	34.86 3.19 -0.04	34.66 3.30 -0.26	35.02 2.98 -3.39	37.25 2.96 -4.38	42.36 2.96 -7.61	48.14 3.46 -7.83	58.91 4.27 -9.74	67.37 5.39 0.00	72.78 5.64 0.00	57.49 4.16 0.00	44.29 3.17 0.00	38.75 2.70 0.00

ASTORIA_GT4_4 24105	41.14 2.62 0.00	38.63 2.39 0.00	36.50 2.45 0.00	35.70 2.21 0.00	37.29 2.34 0.00	42.92 2.73 0.00	55.83 3.51 0.00	54.06 3.54 0.00	44.33 3.09 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.63 3.18 0.00	34.86 3.19 -0.04	34.66 3.30 -0.26	35.02 2.98 -3.39	37.25 2.96 -4.38	42.36 2.96 -7.61	48.14 3.46 -7.83	58.91 4.27 -9.74	67.37 5.39 0.00	72.78 5.64 0.00	57.49 4.16 0.00	44.29 3.17 0.00	38.75 2.70 0.00
ASTORIA_GT_1 23523	41.18 2.66 0.00	38.67 2.43 0.00	36.57 2.52 0.00	35.76 2.28 0.00	37.33 2.38 0.00	42.96 2.77 0.00	55.88 3.56 0.00	54.16 3.64 0.00	44.41 3.18 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.70 3.25 0.00	34.92 3.26 -0.04	34.69 3.33 -0.26	35.07 3.04 -3.39	37.31 3.02 -4.38	42.43 3.02 -7.61	48.22 3.54 -7.83	59.00 4.36 -9.74	67.49 5.52 0.00	72.91 5.77 0.00	57.59 4.27 0.00	44.34 3.21 0.00	38.82 2.78 0.00
ASTORIA_GT_10 24110	41.29 2.77 0.00	38.74 2.50 0.00	36.54 2.49 0.00	35.83 2.34 0.00	37.36 2.41 0.00	43.12 2.93 0.00	56.09 3.77 0.00	54.26 3.74 0.00	44.41 3.18 0.00	37.00 2.90 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.64 3.27 -0.27	35.00 2.95 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.22 3.54 -7.83	59.05 4.40 -9.74	67.62 5.64 0.00	73.05 5.91 0.00	57.70 4.37 0.00	44.46 3.33 0.00	38.93 2.88 0.00
ASTORIA_GT_11 24225	41.29 2.77 0.00	38.74 2.50 0.00	36.54 2.49 0.00	35.83 2.34 0.00	37.36 2.41 0.00	43.12 2.93 0.00	56.09 3.77 0.00	54.26 3.74 0.00	44.41 3.18 0.00	37.00 2.90 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.64 3.27 -0.27	35.00 2.95 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.22 3.54 -7.83	59.05 4.40 -9.74	67.62 5.64 0.00	73.05 5.91 0.00	57.70 4.37 0.00	44.46 3.33 0.00	38.93 2.88 0.00
ASTORIA_GT_12 24226	41.29 2.77 0.00	38.74 2.50 0.00	36.54 2.49 0.00	35.83 2.34 0.00	37.36 2.41 0.00	43.12 2.93 0.00	56.09 3.77 0.00	54.26 3.74 0.00	44.41 3.18 0.00	37.00 2.90 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.64 3.27 -0.27	35.00 2.95 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.22 3.54 -7.83	59.05 4.40 -9.74	67.62 5.64 0.00	73.05 5.91 0.00	57.70 4.37 0.00	44.46 3.33 0.00	38.93 2.88 0.00
ASTORIA_GT_13 24227	41.29 2.77 0.00	38.74 2.50 0.00	36.54 2.49 0.00	35.83 2.34 0.00	37.36 2.41 0.00	43.12 2.93 0.00	56.09 3.77 0.00	54.26 3.74 0.00	44.41 3.18 0.00	37.00 2.90 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.64 3.27 -0.27	35.00 2.95 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.22 3.54 -7.83	59.05 4.40 -9.74	67.62 5.64 0.00	73.05 5.91 0.00	57.70 4.37 0.00	44.46 3.33 0.00	38.93 2.88 0.00
ASTORIA_GT_5 24106	41.18 2.66 0.00	38.67 2.43 0.00	36.57 2.52 0.00	35.76 2.28 0.00	37.33 2.38 0.00	42.96 2.77 0.00	55.88 3.56 0.00	54.16 3.64 0.00	44.41 3.18 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.70 3.25 0.00	34.92 3.26 -0.04	34.69 3.33 -0.26	35.07 3.04 -3.39	37.31 3.02 -4.38	42.43 3.02 -7.61	48.22 3.54 -7.83	59.00 4.36 -9.74	67.49 5.52 0.00	72.91 5.77 0.00	57.59 4.27 0.00	44.34 3.21 0.00	38.82 2.78 0.00
ASTORIA_GT_7 24107	41.18 2.66 0.00	38.67 2.43 0.00	36.57 2.52 0.00	35.76 2.28 0.00	37.33 2.38 0.00	42.96 2.77 0.00	55.88 3.56 0.00	54.16 3.64 0.00	44.41 3.18 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.70 3.25 0.00	34.92 3.26 -0.04	34.69 3.33 -0.26	35.07 3.04 -3.39	37.31 3.02 -4.38	42.43 3.02 -7.61	48.22 3.54 -7.83	59.00 4.36 -9.74	67.49 5.52 0.00	72.91 5.77 0.00	57.59 4.27 0.00	44.34 3.21 0.00	38.82 2.78 0.00
ASTORIA_GT_8 24108	41.18 2.66 0.00	38.67 2.43 0.00	36.57 2.52 0.00	35.76 2.28 0.00	37.33 2.38 0.00	42.96 2.77 0.00	55.88 3.56 0.00	54.16 3.64 0.00	44.41 3.18 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.70 3.25 0.00	34.92 3.26 -0.04	34.69 3.33 -0.26	35.07 3.04 -3.39	37.31 3.02 -4.38	42.43 3.02 -7.61	48.22 3.54 -7.83	59.00 4.36 -9.74	67.49 5.52 0.00	72.91 5.77 0.00	57.59 4.27 0.00	44.34 3.21 0.00	38.82 2.78 0.00
ASTORIA___2 24149	41.10 2.58 0.00	38.88 2.64 0.00	36.51 2.45 0.00	35.63 2.15 0.00	37.29 2.34 0.00	42.88 2.69 0.00	55.88 3.56 0.01	54.05 3.54 0.01	44.36 3.13 0.01	36.96 2.87 0.01	36.26 3.05 0.01	35.63 3.18 0.01	34.86 3.19 -0.04	34.66 3.30 -0.26	35.02 2.98 -3.39	37.24 2.96 -4.37	42.35 2.96 -7.59	48.13 3.46 -7.81	61.50 4.27 -12.33	67.64 5.39 -0.27	72.77 5.64 0.01	57.61 4.16 -0.13	44.35 3.17 -0.05	38.53 2.49 0.00
ASTORIA___3 23516	41.26 2.74 0.00	38.96 2.72 0.00	36.54 2.48 0.00	35.73 2.24 0.00	37.36 2.41 0.00	43.12 2.93 0.00	56.14 3.82 0.00	54.26 3.74 0.00	44.45 3.22 0.00	37.00 2.90 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.64 3.27 -0.27	35.00 2.95 -3.40	37.27 2.99 -4.38	42.42 3.02 -7.60	48.21 3.54 -7.82	61.69 4.45 -12.33	67.90 5.64 -0.28	72.98 5.84 0.00	57.83 4.37 -0.13	44.51 3.33 -0.05	38.71 2.67 0.00
ASTORIA___4 23517	41.29 2.77 0.00	38.74 2.50 0.00	36.54 2.49 0.00	35.83 2.34 0.00	37.36 2.41 0.00	43.12 2.93 0.00	56.09 3.77 0.00	54.26 3.74 0.00	44.41 3.18 0.00	37.00 2.90 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.64 3.27 -0.27	35.00 2.95 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.22 3.54 -7.83	59.05 4.40 -9.74	67.62 5.64 0.00	73.05 5.91 0.00	57.70 4.37 0.00	44.46 3.33 0.00	38.93 2.88 0.00
ASTORIA___5 23518	41.26 2.74 0.00	38.96 2.72 0.00	36.54 2.48 0.00	35.73 2.24 0.00	37.36 2.41 0.00	43.12 2.93 0.00	56.14 3.82 0.00	54.26 3.74 0.00	44.45 3.22 0.00	37.00 2.90 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.64 3.27 -0.27	35.00 2.95 -3.40	37.27 2.99 -4.38	42.42 3.02 -7.60	48.21 3.54 -7.82	61.69 4.45 -12.33	67.90 5.64 -0.28	72.98 5.84 0.00	57.83 4.37 -0.13	44.51 3.33 -0.05	38.71 2.67 0.00
AST_ENERGY_2_CC3 323677	41.22 2.70 0.00	38.92 2.68 0.00	36.47 2.42 0.00	35.66 2.18 0.00	37.29 2.34 0.00	43.16 2.97 0.00	56.30 3.97 0.00	54.36 3.84 0.00	44.54 3.30 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.61 3.23 -0.27	35.00 2.95 -3.40	37.27 2.99 -4.38	42.48 3.08 -7.60	48.29 3.61 -7.82	61.73 4.49 -12.33	68.02 5.76 -0.28	73.18 6.04 0.00	57.94 4.48 -0.13	44.63 3.46 -0.05	38.75 2.70 0.00
AST_ENERGY_2_CC4 323678	41.22 2.70 0.00	38.92 2.68 0.00	36.47 2.42 0.00	35.66 2.18 0.00	37.29 2.34 0.00	43.16 2.97 0.00	56.30 3.97 0.00	54.36 3.84 0.00	44.54 3.30 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.61 3.23 -0.27	35.00 2.95 -3.40	37.27 2.99 -4.38	42.48 3.08 -7.60	48.29 3.61 -7.82	61.73 4.49 -12.33	68.02 5.76 -0.28	73.18 6.04 0.00	57.94 4.48 -0.13	44.63 3.46 -0.05	38.75 2.70 0.00

ATHENS_STG_1 23668	40.18	37.91	35.55	34.89	36.45	42.04	54.73	52.65	43.01	35.60	34.77	34.01	33.18	32.92	33.71	36.06	41.52	47.14	60.04	65.45	70.49	56.11	43.27	37.70
	1.66	1.67	1.50	1.41	1.50	1.85	2.41	2.12	1.77	1.50	1.56	1.56	1.55	1.55	1.43	1.47	1.59	1.92	2.47	3.22	3.36	2.67	2.10	1.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	-3.63	-4.69	-8.13	-8.37	-12.66	-0.25	0.00	-0.12	-0.04	0.00
ATHENS_STG_2 23670	40.18	37.91	35.55	34.89	36.45	42.04	54.73	52.65	43.01	35.60	34.77	34.01	33.18	32.92	33.71	36.06	41.52	47.14	60.04	65.45	70.49	56.11	43.27	37.70
	1.66	1.67	1.50	1.41	1.50	1.85	2.41	2.12	1.77	1.50	1.56	1.56	1.55	1.55	1.43	1.47	1.59	1.92	2.47	3.22	3.36	2.67	2.10	1.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	-3.63	-4.69	-8.13	-8.37	-12.66	-0.25	0.00	-0.12	-0.04	0.00
ATHENS_STG_3 23677	40.18	37.91	35.55	34.89	36.45	42.04	54.73	52.65	43.01	35.60	34.77	34.01	33.18	32.92	33.71	36.06	41.52	47.14	60.04	65.45	70.49	56.11	43.27	37.70
	1.66	1.67	1.50	1.41	1.50	1.85	2.41	2.12	1.77	1.50	1.56	1.56	1.55	1.55	1.43	1.47	1.59	1.92	2.47	3.22	3.36	2.67	2.10	1.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	-3.63	-4.69	-8.13	-8.37	-12.66	-0.25	0.00	-0.12	-0.04	0.00
AUBURN____LFGE 323710	38.40	36.16	33.94	33.42	34.91	40.10	54.13	50.28	41.07	33.90	32.91	32.06	31.25	30.73	28.66	29.94	32.14	37.19	42.48	61.35	67.52	52.74	40.71	35.82
	-0.12	-0.07	-0.10	-0.07	-0.03	-0.08	0.00	-0.25	-0.16	-0.20	-0.30	-0.39	-0.38	-0.40	-0.34	-0.42	-0.45	-0.48	-0.13	0.00	0.07	-0.21	-0.25	-0.22
	0.01	0.01	0.01	0.01	0.01	0.01	-1.81	-0.01	0.00	0.00	0.00	0.00	0.00	-0.03	-0.35	-0.45	-0.79	-0.81	2.30	0.62	-0.31	0.37	0.17	0.01
BABYLON_RES_REC 323704	42.07	39.68	37.19	36.37	38.14	44.09	57.35	55.43	45.41	37.66	36.84	36.09	35.12	34.79	35.34	37.73	45.04	57.61	62.24	68.65	73.93	58.80	45.46	39.48
	3.54	3.44	3.13	2.88	3.18	3.90	5.02	4.90	4.16	3.55	3.62	3.63	3.45	3.42	3.29	3.44	3.62	4.24	4.98	6.39	6.78	5.33	4.28	3.43
	-0.01	0.00	-0.01	0.00	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.05	-0.26	-3.39	-4.39	-9.62	-16.52	-12.34	-0.29	-0.01	-0.14	-0.06	-0.01
BALL_HILL_WT_PWR 323825	35.92	33.94	31.85	31.32	32.62	37.24	46.33	46.51	38.58	31.76	30.74	29.74	29.05	28.42	26.31	27.28	28.87	33.03	36.07	54.18	60.64	48.05	38.05	33.68
	-2.58	-2.28	-2.18	-2.14	-2.31	-2.93	-4.03	-3.99	-2.64	-2.32	-2.46	-2.69	-2.56	-2.68	-2.49	-2.60	-2.89	-3.21	-2.92	-4.28	-4.63	-3.57	-2.47	-2.34
	0.02	0.02	0.02	0.02	0.02	0.02	1.97	0.02	0.02	0.02	0.02	0.02	0.02	0.01	-0.15	0.02	0.03	0.62	5.92	3.52	1.87	1.70	0.61	0.02
BARON_WINDS____WT_PWR 323822	36.60	34.69	32.42	31.85	33.31	38.27	47.95	47.41	38.77	31.79	30.73	29.76	29.04	28.44	26.26	27.41	28.96	32.89	33.41	55.58	62.03	49.11	38.55	34.07
	-1.89	-1.52	-1.60	-1.61	-1.61	-1.89	-2.41	-3.08	-2.43	-2.28	-2.46	-2.66	-2.56	-2.64	-2.46	-2.30	-2.51	-2.69	-2.15	-2.73	-3.22	-2.45	-1.93	-1.95
	0.03	0.03	0.03	0.03	0.03	0.03	1.96	0.03	0.03	0.03	0.02	0.03	0.03	0.02	-0.08	0.19	0.32	1.27	9.34	3.67	1.89	1.76	0.64	0.03
BARRETT_IC_1 23704	41.77	39.36	36.89	36.13	37.86	43.77	56.82	54.97	45.08	37.42	36.57	35.84	34.90	34.57	35.11	37.46	44.59	56.76	61.79	68.03	73.32	58.27	45.05	39.15
	3.24	3.12	2.82	2.64	2.90	3.58	4.50	4.45	3.84	3.31	3.35	3.37	3.23	3.20	3.07	3.17	3.25	3.69	4.53	5.76	6.17	4.80	3.86	3.10
	-0.01	0.00	-0.01	0.00	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.05	-0.26	-3.39	-4.39	-9.55	-16.22	-12.34	-0.29	-0.01	-0.14	-0.06	-0.01
BARRETT_IC_10 23701	41.77	39.36	36.89	36.13	37.86	43.77	56.82	54.97	45.08	37.42	36.57	35.84	34.90	34.57	35.11	37.46	44.59	56.76	61.79	68.03	73.32	58.27	45.05	39.15
	3.24	3.12	2.82	2.64	2.90	3.58	4.50	4.45	3.84	3.31	3.35	3.37	3.23	3.20	3.07	3.17	3.25	3.69	4.53	5.76	6.17	4.80	3.86	3.10
	-0.01	0.00	-0.01	0.00	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.05	-0.26	-3.39	-4.39	-9.55	-16.22	-12.34	-0.29	-0.01	-0.14	-0.06	-0.01
BARRETT_IC_11 23702	41.77	39.36	36.89	36.13	37.86	43.77	56.82	54.97	45.08	37.42	36.57	35.84	34.90	34.57	35.11	37.46	44.59	56.76	61.79	68.03	73.32	58.27	45.05	39.15
	3.24	3.12	2.82	2.64	2.90	3.58	4.50	4.45	3.84	3.31	3.35	3.37	3.23	3.20	3.07	3.17	3.25	3.69	4.53	5.76	6.17	4.80	3.86	3.10
	-0.01	0.00	-0.01	0.00	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.05	-0.26	-3.39	-4.39	-9.55	-16.22	-12.34	-0.29	-0.01	-0.14	-0.06	-0.01
BARRETT_IC_12 23703	41.77	39.36	36.89	36.13	37.86	43.77	56.82	54.97	45.08	37.42	36.57	35.84	34.90	34.57	35.11	37.46	44.59	56.76	61.79	68.03	73.32	58.27	45.05	39.15
	3.24	3.12	2.82	2.64	2.90	3.58	4.50	4.45	3.84	3.31	3.35	3.37	3.23	3.20	3.07	3.17	3.25	3.69	4.53	5.76	6.17	4.80	3.86	3.10
	-0.01	0.00	-0.01	0.00	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.05	-0.26	-3.39	-4.39	-9.55	-16.22	-12.34	-0.29	-0.01	-0.14	-0.06	-0.01
BARRETT_IC_2 23705	41.77	39.36	36.89	36.13	37.86	43.77	56.82	54.97	45.08	37.42	36.57	35.84	34.90	34.57	35.11	37.46	44.59	56.76	61.79	68.03	73.32	58.27	45.05	39.15
	3.24	3.12	2.82	2.64	2.90	3.58	4.50	4.45	3.84	3.31	3.35	3.37	3.23	3.20	3.07	3.17	3.25	3.69	4.53	5.76	6.17	4.80	3.86	3.10
	-0.01	0.00	-0.01	0.00	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.05	-0.26	-3.39	-4.39	-9.55	-16.22	-12.34	-0.29	-0.01	-0.14	-0.06	-0.01
BARRETT_IC_3 23706	41.77	39.36	36.89	36.13	37.86	43.77	56.82	54.97	45.08	37.42	36.57	35.84	34.90	34.57	35.11	37.46	44.59	56.76	61.79	68.03	73.32	58.27	45.05	39.15
	3.24	3.12	2.82	2.64	2.90	3.58	4.50	4.45	3.84	3.31	3.35	3.37	3.23	3.20	3.07	3.17	3.25	3.69	4.53	5.76	6.17	4.80	3.86	3.10
	-0.01	0.00	-0.01	0.00	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.05	-0.26	-3.39	-4.39	-9.55	-16.22	-12.34	-0.29	-0.01	-0.14	-0.06	-0.01
BARRETT_IC_4 23707	41.77	39.36	36.89	36.13	37.86	43.77	56.82	54.97	45.08	37.42	36.57	35.84	34.90	34.57	35.11	37.46	44.59	56.76	61.79	68.03	73.32	58.27	45.05	39.15
	3.24	3.12	2.82	2.64	2.90	3.58	4.50	4.45	3.84	3.31	3.35	3.37	3.23	3.20	3.07	3.17	3.25	3.69	4.53	5.76	6.17	4.80	3.86	3.10
	-0.01	0.00	-0.01	0.00	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.05	-0.26	-3.39	-4.39	-9.55	-16.22	-12.34	-0.29	-0.01	-0.14	-0.06	-0.01
BARRETT_IC_5 23708	41.77	39.36	36.89	36.13	37.86	43.77	56.82	54.97	45.08	37.42	36.57	35.84	34.90	34.57	35.11	37.46	44.59	56.76	61.79	68.03	73.32	58.27	45.05	39.15
	3.24	3.12	2.82	2.64	2.90	3.58	4.50	4.45	3.84	3.31	3.35	3.37	3.23	3.20	3.07	3.17	3.25	3.69	4.53	5.76	6.17	4.80	3.86	3.10
	-0.01	0.00	-0.01	0.00	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.05	-0.26	-3.39	-4.39	-9.55	-16.22	-12.34	-0.29	-0.01	-0.14	-0.06	-0.01

BARRETT_IC_6 23709	41.77 3.24 -0.01	39.36 3.12 0.00	36.89 2.82 -0.01	36.13 2.64 0.00	37.86 2.90 -0.01	43.77 3.58 -0.01	56.82 4.50 0.00	54.97 4.45 0.00	45.08 3.84 -0.01	37.42 3.31 -0.01	36.57 3.35 -0.01	35.84 3.37 -0.01	34.90 3.23 -0.05	34.57 3.20 -0.26	35.11 3.07 -0.39	37.46 3.17 -0.43	44.59 3.25 -0.95	56.76 3.69 -16.22	61.79 4.53 -12.34	68.03 5.76 -0.29	73.32 6.17 -0.01	58.27 4.80 -0.14	45.05 3.86 -0.06	39.15 3.10 -0.01
BARRETT_IC_7 23710	41.80 3.27 -0.01	39.25 3.01 0.00	36.89 2.83 -0.01	36.30 2.81 0.00	37.86 2.90 -0.01	43.77 3.58 -0.01	56.72 4.40 0.00	54.92 4.40 0.00	45.08 3.83 -0.01	37.42 3.31 -0.01	36.54 3.32 -0.01	35.84 3.37 -0.01	34.90 3.23 -0.05	34.54 3.17 -0.26	35.11 3.07 -0.39	37.50 3.20 -0.43	44.60 3.24 -0.95	56.77 3.69 -16.23	59.19 4.54 -9.75	67.81 5.83 -0.01	73.32 6.18 -0.01	58.13 4.80 -0.01	45.00 3.87 -0.01	39.33 3.28 -0.01
BARRETT_IC_8 23711	41.77 3.24 -0.01	39.36 3.12 0.00	36.89 2.82 -0.01	36.13 2.64 0.00	37.86 2.90 -0.01	43.77 3.58 -0.01	56.82 4.50 0.00	54.97 4.45 0.00	45.08 3.84 -0.01	37.42 3.31 -0.01	36.57 3.35 -0.01	35.84 3.37 -0.01	34.90 3.23 -0.05	34.57 3.20 -0.26	35.11 3.07 -0.39	37.46 3.17 -0.43	44.59 3.25 -0.95	56.76 3.69 -16.22	61.79 4.53 -12.34	68.03 5.76 -0.29	73.32 6.17 -0.01	58.27 4.80 -0.14	45.05 3.86 -0.06	39.15 3.10 -0.01
BARRETT_IC_9 23700	41.77 3.24 -0.01	39.36 3.12 0.00	36.89 2.82 -0.01	36.13 2.64 0.00	37.86 2.90 -0.01	43.77 3.58 -0.01	56.82 4.50 0.00	54.97 4.45 0.00	45.08 3.84 -0.01	37.42 3.31 -0.01	36.57 3.35 -0.01	35.84 3.37 -0.01	34.90 3.23 -0.05	34.57 3.20 -0.26	35.11 3.07 -0.39	37.46 3.17 -0.43	44.59 3.25 -0.95	56.76 3.69 -16.22	61.79 4.53 -12.34	68.03 5.76 -0.29	73.32 6.17 -0.01	58.27 4.80 -0.14	45.05 3.86 -0.06	39.15 3.10 -0.01
BARRETT___1 23545	41.77 3.24 -0.01	39.36 3.12 0.00	36.89 2.82 -0.01	36.13 2.64 0.00	37.86 2.90 -0.01	43.77 3.58 -0.01	56.82 4.50 0.00	54.97 4.45 0.00	45.08 3.84 -0.01	37.42 3.31 -0.01	36.57 3.35 -0.01	35.84 3.37 -0.01	34.90 3.23 -0.05	34.57 3.20 -0.26	35.11 3.07 -0.39	37.46 3.17 -0.43	44.59 3.25 -0.95	56.76 3.69 -16.22	61.79 4.53 -12.34	68.03 5.76 -0.29	73.32 6.17 -0.01	58.27 4.80 -0.14	45.05 3.86 -0.06	39.15 3.10 -0.01
BARRETT___2 23546	41.77 3.24 -0.01	39.36 3.12 0.00	36.89 2.82 -0.01	36.13 2.64 0.00	37.86 2.90 -0.01	43.77 3.58 -0.01	56.82 4.50 0.00	54.97 4.45 0.00	45.08 3.84 -0.01	37.42 3.31 -0.01	36.57 3.35 -0.01	35.84 3.37 -0.01	34.90 3.23 -0.05	34.57 3.20 -0.26	35.11 3.07 -0.39	37.46 3.17 -0.43	44.59 3.25 -0.95	56.76 3.69 -16.22	61.79 4.53 -12.34	68.03 5.76 -0.29	73.32 6.17 -0.01	58.27 4.80 -0.14	45.05 3.86 -0.06	39.15 3.10 -0.01
BATAVIA__115KV_TB1 55881	36.08 -2.43 0.01	34.23 -1.99 0.01	32.13 -1.91 0.01	31.77 -1.71 0.01	33.08 -1.85 0.01	37.12 -3.05 0.01	46.12 -3.77 2.44	46.52 -3.99 0.01	38.87 -2.35 0.01	31.98 -2.11 0.01	30.74 -2.46 0.01	29.68 -2.76 0.01	29.05 -2.56 0.01	28.37 -2.74 0.00	26.15 -2.66 -0.17	27.51 -2.81 -0.42	29.50 -3.02 -0.72	34.50 -3.10 -0.75	37.01 -2.83 5.07	54.10 -4.46 3.42	60.96 -4.36 1.82	47.84 -3.84 1.65	37.82 -2.71 0.59	33.61 -2.41 0.01
BAYONEEC___CTG1 323682	41.26 2.74 0.00	38.92 2.68 0.00	36.51 2.45 0.00	35.70 2.21 0.00	37.33 2.38 0.00	43.24 3.05 0.00	56.41 4.08 0.00	54.47 3.94 0.00	44.66 3.42 0.00	37.14 3.03 0.00	36.40 3.19 0.00	35.70 3.24 0.00	34.90 3.23 -0.05	34.70 3.33 -0.27	35.06 3.01 -0.34	37.37 3.08 -0.43	42.55 3.15 -0.76	48.40 3.72 -7.82	61.87 4.63 -12.33	68.15 5.89 -0.28	73.31 6.17 0.00	58.10 4.64 -0.13	44.67 3.49 -0.05	38.82 2.78 0.00
BAYONEEC___CTG10 323750	41.26 2.74 0.00	38.92 2.68 0.00	36.51 2.45 0.00	35.70 2.21 0.00	37.33 2.38 0.00	43.24 3.05 0.00	56.41 4.08 0.00	54.47 3.94 0.00	44.66 3.42 0.00	37.14 3.03 0.00	36.40 3.19 0.00	35.70 3.24 0.00	34.90 3.23 -0.05	34.70 3.33 -0.27	35.06 3.01 -0.34	37.37 3.08 -0.43	42.55 3.15 -0.76	48.40 3.72 -7.82	61.87 4.63 -12.33	68.15 5.89 -0.28	73.31 6.17 0.00	58.10 4.64 -0.13	44.67 3.49 -0.05	38.82 2.78 0.00
BAYONEEC___CTG2 323683	41.26 2.74 0.00	38.92 2.68 0.00	36.51 2.45 0.00	35.70 2.21 0.00	37.33 2.38 0.00	43.24 3.05 0.00	56.41 4.08 0.00	54.47 3.94 0.00	44.66 3.42 0.00	37.14 3.03 0.00	36.40 3.19 0.00	35.70 3.24 0.00	34.90 3.23 -0.05	34.70 3.33 -0.27	35.06 3.01 -0.34	37.37 3.08 -0.43	42.55 3.15 -0.76	48.40 3.72 -7.82	61.87 4.63 -12.33	68.15 5.89 -0.28	73.31 6.17 0.00	58.10 4.64 -0.13	44.67 3.49 -0.05	38.82 2.78 0.00
BAYONEEC___CTG3 323684	41.26 2.74 0.00	38.92 2.68 0.00	36.51 2.45 0.00	35.70 2.21 0.00	37.33 2.38 0.00	43.24 3.05 0.00	56.41 4.08 0.00	54.47 3.94 0.00	44.66 3.42 0.00	37.14 3.03 0.00	36.40 3.19 0.00	35.70 3.24 0.00	34.90 3.23 -0.05	34.70 3.33 -0.27	35.06 3.01 -0.34	37.37 3.08 -0.43	42.55 3.15 -0.76	48.40 3.72 -7.82	61.87 4.63 -12.33	68.15 5.89 -0.28	73.31 6.17 0.00	58.10 4.64 -0.13	44.67 3.49 -0.05	38.82 2.78 0.00
BAYONEEC___CTG4 323685	41.26 2.74 0.00	38.92 2.68 0.00	36.51 2.45 0.00	35.70 2.21 0.00	37.33 2.38 0.00	43.24 3.05 0.00	56.41 4.08 0.00	54.47 3.94 0.00	44.66 3.42 0.00	37.14 3.03 0.00	36.40 3.19 0.00	35.70 3.24 0.00	34.90 3.23 -0.05	34.70 3.33 -0.27	35.06 3.01 -0.34	37.37 3.08 -0.43	42.55 3.15 -0.76	48.40 3.72 -7.82	61.87 4.63 -12.33	68.15 5.89 -0.28	73.31 6.17 0.00	58.10 4.64 -0.13	44.67 3.49 -0.05	38.82 2.78 0.00
BAYONEEC___CTG5 323686	41.26 2.74 0.00	38.92 2.68 0.00	36.51 2.45 0.00	35.70 2.21 0.00	37.33 2.38 0.00	43.24 3.05 0.00	56.41 4.08 0.00	54.47 3.94 0.00	44.66 3.42 0.00	37.14 3.03 0.00	36.40 3.19 0.00	35.70 3.24 0.00	34.90 3.23 -0.05	34.70 3.33 -0.27	35.06 3.01 -0.34	37.37 3.08 -0.43	42.55 3.15 -0.76	48.40 3.72 -7.82	61.87 4.63 -12.33	68.15 5.89 -0.28	73.31 6.17 0.00	58.10 4.64 -0.13	44.67 3.49 -0.05	38.82 2.78 0.00
BAYONEEC___CTG6 323687	41.26 2.74 0.00	38.92 2.68 0.00	36.51 2.45 0.00	35.70 2.21 0.00	37.33 2.38 0.00	43.24 3.05 0.00	56.41 4.08 0.00	54.47 3.94 0.00	44.66 3.42 0.00	37.14 3.03 0.00	36.40 3.19 0.00	35.70 3.24 0.00	34.90 3.23 -0.05	34.70 3.33 -0.27	35.06 3.01 -0.34	37.37 3.08 -0.43	42.55 3.15 -0.76	48.40 3.72 -7.82	61.87 4.63 -12.33	68.15 5.89 -0.28	73.31 6.17 0.00	58.10 4.64 -0.13	44.67 3.49 -0.05	38.82 2.78 0.00
BAYONEEC___CTG7 323688	41.26 2.74 0.00	38.92 2.68 0.00	36.51 2.45 0.00	35.70 2.21 0.00	37.33 2.38 0.00	43.24 3.05 0.00	56.41 4.08 0.00	54.47 3.94 0.00	44.66 3.42 0.00	37.14 3.03 0.00	36.40 3.19 0.00	35.70 3.24 0.00	34.90 3.23 -0.05	34.70 3.33 -0.27	35.06 3.01 -0.34	37.37 3.08 -0.43	42.55 3.15 -0.76	48.40 3.72 -7.82	61.87 4.63 -12.33	68.15 5.89 -0.28	73.31 6.17 0.00	58.10 4.64 -0.13	44.67 3.49 -0.05	38.82 2.78 0.00

BAYONEEC___CTG8 323689	41.26 2.74 0.00	38.92 2.68 0.00	36.51 2.45 0.00	35.70 2.21 0.00	37.33 2.38 0.00	43.24 3.05 0.00	56.41 4.08 0.00	54.47 3.94 0.00	44.66 3.42 0.00	37.14 3.03 0.00	36.40 3.19 0.00	35.70 3.24 0.00	34.90 3.23 -0.05	34.70 3.33 -0.27	35.06 3.01 -3.40	37.37 3.08 -4.38	42.55 3.15 -7.60	48.40 3.72 -7.82	61.87 4.63 -12.33	68.15 5.89 -0.28	73.31 6.17 0.00	58.10 4.64 -0.13	44.67 3.49 -0.05	38.82 2.78 0.00
BAYONEEC___CTG9 323749	41.26 2.74 0.00	38.92 2.68 0.00	36.51 2.45 0.00	35.70 2.21 0.00	37.33 2.38 0.00	43.24 3.05 0.00	56.41 4.08 0.00	54.47 3.94 0.00	44.66 3.42 0.00	37.14 3.03 0.00	36.40 3.19 0.00	35.70 3.24 0.00	34.90 3.23 -0.05	34.70 3.33 -0.27	35.06 3.01 -3.40	37.37 3.08 -4.38	42.55 3.15 -7.60	48.40 3.72 -7.82	61.87 4.63 -12.33	68.15 5.89 -0.28	73.31 6.17 0.00	58.10 4.64 -0.13	44.67 3.49 -0.05	38.82 2.78 0.00
BAYPORT_69_KV_BK 2 356364	42.42 3.89 -0.01	39.79 3.55 0.00	37.60 3.54 -0.01	36.80 3.32 0.00	38.49 3.53 -0.01	44.53 4.34 -0.01	57.87 5.55 0.00	56.03 5.51 0.00	45.90 4.66 -0.01	38.07 3.96 -0.01	37.27 4.05 -0.01	36.55 4.09 -0.01	35.56 3.89 -0.05	35.19 3.83 -0.26	35.77 3.72 -3.39	38.18 3.89 -4.39	45.38 4.10 -9.48	57.59 4.83 -15.91	60.27 5.61 -9.75	69.30 7.31 -0.01	74.87 7.72 -0.01	59.41 6.08 -0.01	45.99 4.85 -0.01	40.12 4.07 -0.01
BEACON___LESR 323632	40.29 1.77 0.00	38.01 1.78 0.00	35.69 1.63 0.00	35.03 1.54 0.00	36.59 1.64 0.00	41.95 1.77 0.00	54.62 2.30 0.00	52.40 1.87 0.00	42.68 1.44 0.00	35.16 1.06 0.00	34.27 1.06 0.00	33.49 1.04 0.00	32.59 0.95 -0.02	32.30 0.90 -0.29	33.48 0.83 -3.99	36.00 0.93 -5.16	41.91 1.14 -8.96	47.55 1.48 -9.22	58.93 1.89 -12.14	64.64 2.66 0.00	69.89 2.75 0.00	55.67 2.34 0.00	43.06 1.93 0.00	37.74 1.69 0.00
BEAVER RIVER___HYD 24048	37.83 -0.69 0.00	35.44 -0.80 0.00	33.17 -0.89 0.00	32.58 -0.90 0.00	34.08 -0.87 0.00	39.22 -0.96 0.00	51.70 -0.63 0.00	49.52 -1.01 0.00	39.67 -1.57 0.00	32.88 -1.23 0.00	31.78 -1.43 0.00	30.99 -1.46 0.00	29.92 -1.71 0.00	29.40 -1.71 -0.01	27.06 -1.72 -0.12	28.39 -1.67 -0.16	30.33 -1.75 -0.28	35.45 -1.69 -0.29	44.67 -0.72 -0.48	62.28 0.12 -0.18	67.92 0.41 -0.37	53.37 0.00 -0.05	40.92 -0.20 0.00	35.75 -0.29 0.00
BEEBEE_GT_13 23619	36.78 -1.73 0.01	34.71 -1.52 0.01	32.65 -1.40 0.01	32.27 -1.21 0.01	33.65 -1.29 0.01	38.01 -2.17 0.01	46.79 -2.88 2.66	47.79 -2.73 0.01	39.74 -1.48 0.01	32.80 -1.30 0.01	31.64 -1.56 0.01	30.66 -1.78 0.01	29.97 -1.64 0.01	29.30 -1.80 0.00	27.05 -1.78 -0.18	28.34 -1.94 -0.38	30.36 -2.10 -0.66	35.17 -2.36 -0.68	38.55 -2.20 4.16	55.45 -3.22 3.31	62.36 -3.02 1.75	48.90 -2.83 1.60	38.50 -2.06 0.57	34.19 -1.84 0.01
BENSHRST_27_KV_BENSHRST_1 355998	41.69 3.16 -0.01	39.11 2.86 -0.01	36.84 2.79 0.00	36.10 2.61 0.00	37.64 2.69 0.00	43.40 3.21 0.00	56.41 4.08 0.00	54.52 3.99 0.00	44.53 3.30 0.00	37.10 3.00 0.00	36.36 3.15 0.00	35.73 3.28 0.00	34.93 3.26 -0.05	34.73 3.36 -0.27	35.09 3.04 -3.40	37.40 3.11 -4.38	42.55 3.15 -7.61	48.37 3.69 -7.83	59.41 4.76 -9.74	68.05 6.07 0.00	73.52 6.38 0.00	58.13 4.80 0.00	44.79 3.66 0.00	39.21 3.17 0.00
BETHLEHEM___GRP 23843	39.83 1.31 0.00	37.47 1.23 0.00	35.24 1.19 0.00	34.66 1.17 0.00	36.14 1.19 0.00	41.39 1.21 0.00	53.68 1.36 0.00	51.69 1.16 0.00	42.14 0.91 0.00	34.78 0.68 0.00	33.91 0.70 0.00	33.17 0.71 0.00	32.31 0.66 -0.01	32.05 0.65 -0.29	33.22 0.57 -4.00	35.70 0.63 -5.17	41.54 0.76 -8.97	47.08 1.00 -9.23	57.56 1.17 -11.49	63.59 1.61 0.00	68.75 1.61 0.00	54.77 1.44 0.00	42.44 1.32 0.00	37.38 1.33 0.00
BETHLEHEM___GS1 323560	39.79 1.27 0.00	37.54 1.30 0.00	35.24 1.19 0.00	34.63 1.14 0.00	36.14 1.19 0.00	41.39 1.20 0.00	53.79 1.46 0.00	51.69 1.16 0.00	42.14 0.91 0.00	34.78 0.68 0.00	33.94 0.73 0.00	33.16 0.71 0.00	32.31 0.67 -0.01	32.02 0.62 -0.29	33.22 0.57 -4.00	35.70 0.63 -5.17	41.53 0.76 -8.97	47.08 1.00 -9.23	58.21 1.17 -12.14	63.59 1.61 0.00	68.75 1.61 0.00	54.77 1.44 0.00	42.44 1.32 0.00	37.30 1.26 0.00
BETHLEHEM___GS2 323561	39.79 1.27 0.00	37.54 1.30 0.00	35.24 1.19 0.00	34.63 1.14 0.00	36.14 1.19 0.00	41.39 1.20 0.00	53.79 1.46 0.00	51.69 1.16 0.00	42.14 0.91 0.00	34.78 0.68 0.00	33.94 0.73 0.00	33.16 0.71 0.00	32.31 0.67 -0.01	32.02 0.62 -0.29	33.22 0.57 -4.00	35.70 0.63 -5.17	41.53 0.76 -8.97	47.08 1.00 -9.23	58.21 1.17 -12.14	63.59 1.61 0.00	68.75 1.61 0.00	54.77 1.44 0.00	42.44 1.32 0.00	37.30 1.26 0.00
BETHLEHEM___GS3 323562	39.79 1.27 0.00	37.54 1.30 0.00	35.24 1.19 0.00	34.63 1.14 0.00	36.14 1.19 0.00	41.39 1.20 0.00	53.79 1.46 0.00	51.69 1.16 0.00	42.14 0.91 0.00	34.78 0.68 0.00	33.94 0.73 0.00	33.16 0.71 0.00	32.31 0.67 -0.01	32.02 0.62 -0.29	33.22 0.57 -4.00	35.70 0.63 -5.17	41.53 0.76 -8.97	47.08 1.00 -9.23	58.21 1.17 -12.14	63.59 1.61 0.00	68.75 1.61 0.00	54.77 1.44 0.00	42.44 1.32 0.00	37.30 1.26 0.00
BETHLEHEM___STEEL 23779	35.61 -2.89 0.02	33.79 -2.43 0.02	31.62 -2.42 0.02	31.13 -2.34 0.02	32.38 -2.55 0.02	36.91 -3.26 0.02	45.62 -4.45 2.25	46.01 -4.50 0.02	38.25 -2.97 0.02	31.56 -2.52 0.02	30.54 -2.66 0.02	29.55 -2.89 0.02	28.86 -2.75 0.02	28.33 -2.77 0.00	26.17 -2.64 -0.16	27.65 -2.72 -0.46	29.58 -3.02 -0.80	34.29 -3.39 -0.83	35.52 -3.28 6.11	53.64 -4.83 3.50	59.96 -5.30 1.87	47.63 -4.00 1.69	37.72 -2.80 0.61	33.57 -2.45 0.02
BETHLHEM_115KV_TB1 79974	39.83 1.31 0.00	37.47 1.23 0.00	35.24 1.19 0.00	34.66 1.17 0.00	36.14 1.19 0.00	41.43 1.25 0.00	53.79 1.47 0.00	51.74 1.21 0.00	42.23 0.99 0.00	34.85 0.75 0.00	33.97 0.76 0.00	33.23 0.78 0.00	32.37 0.73 -0.01	32.11 0.72 -0.29	33.28 0.63 -3.99	35.76 0.69 -5.16	41.59 0.83 -8.96	47.11 1.03 -9.22	57.69 1.30 -11.48	63.71 1.74 0.00	68.88 1.75 0.00	54.87 1.55 0.00	42.53 1.40 0.00	37.38 1.33 0.00
BETHPAGE_CC_5 323564	42.00 3.47 -0.01	39.61 3.37 0.00	37.13 3.07 -0.01	36.30 2.81 0.00	38.07 3.11 -0.01	44.02 3.82 -0.01	57.30 4.97 0.00	55.38 4.85 0.00	45.37 4.12 -0.01	37.66 3.55 -0.01	36.81 3.59 -0.01	36.09 3.63 -0.01	35.15 3.48 -0.05	34.79 3.42 -0.26	35.34 3.29 -3.39	37.73 3.44 -4.39	45.11 3.59 -9.72	58.00 4.16 -16.98	62.19 4.94 -12.34	68.59 6.32 -0.29	73.86 6.71 -0.01	58.70 5.23 -0.14	45.34 4.15 -0.06	39.44 3.39 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.73 -2.77 0.02	33.86 -2.36 0.02	31.65 -2.38 0.02	31.12 -2.34 0.02	32.38 -2.55 0.02	37.11 -3.05 0.02	45.89 -4.19 2.25	46.32 -4.19 0.02	38.33 -2.89 0.02	31.63 -2.46 0.02	30.64 -2.56 0.02	29.71 -2.73 0.02	28.99 -2.63 0.02	28.52 -2.58 0.01	26.37 -2.44 -0.16	27.83 -2.54 -0.47	29.79 -2.83 -0.82	34.53 -3.17 -0.84	35.75 -2.96 6.19	54.07 -4.40 3.50	60.23 -5.04 1.87	48.00 -3.63 1.70	37.97 -2.55 0.61	33.72 -2.31 0.02

BINGHAMTON___COGEN 23790	38.96 0.42 -0.02	36.66 0.40 -0.02	34.41 0.34 -0.02	33.84 0.33 -0.02	35.35 0.38 -0.02	40.69 0.48 -0.02	55.72 0.78 -2.61	50.52 0.00 0.00	41.16 -0.08 0.00	34.00 -0.10 0.00	33.05 -0.17 0.00	32.23 -0.23 0.00	31.41 -0.22 0.00	31.00 -0.19 -0.08	29.50 -0.17 -1.02	31.08 -0.09 -1.26	33.89 -0.10 -2.19	39.07 -0.04 -2.25	59.66 0.72 -14.04	64.53 1.05 -1.50	68.73 1.07 -0.52	54.74 0.75 -0.67	41.91 0.53 -0.25	36.49 0.43 -0.02
BIXINCNT_115KV_LOAD 355685	36.00 -2.50 0.02	34.15 -2.07 0.02	31.89 -2.15 0.02	31.29 -2.18 0.02	32.59 -2.34 0.02	37.88 -2.29 0.02	47.10 -3.14 2.09	47.48 -3.03 0.02	38.74 -2.47 0.02	31.94 -2.15 0.02	30.97 -2.23 0.02	30.06 -2.37 0.02	29.24 -2.37 0.02	28.83 -2.27 0.01	26.77 -2.03 -0.16	28.16 -2.24 -0.49	30.14 -2.51 -0.86	34.97 -2.76 -0.88	36.04 -2.34 6.53	55.12 -3.35 3.51	61.09 -4.16 1.89	48.96 -2.67 1.70	38.54 -1.97 0.61	34.18 -1.84 0.02
BLACK RIVER___HYD 24047	38.14 -0.39 0.00	35.81 -0.43 0.00	33.54 -0.51 0.00	32.95 -0.54 0.00	34.50 -0.46 0.00	39.62 -0.56 0.00	52.48 0.16 0.00	50.22 -0.30 0.00	40.04 -1.20 0.00	33.11 -0.99 0.00	31.95 -1.26 0.00	31.12 -1.33 0.00	30.08 -1.55 0.00	29.63 -1.49 -0.01	27.39 -1.43 -0.17	28.81 -1.32 -0.22	30.74 -1.43 -0.37	35.84 -1.40 -0.39	44.99 -0.54 -0.62	63.00 0.75 -0.28	68.87 1.14 -0.59	53.88 0.48 -0.07	41.17 0.04 0.00	35.97 -0.07 0.00
BLACKRVR_115KV_TB2 79977	38.14 -0.39 0.00	35.84 -0.40 0.00	33.54 -0.51 0.00	32.95 -0.54 0.00	34.50 -0.45 0.00	39.62 -0.56 0.00	52.53 0.21 0.00	50.27 -0.25 0.00	40.04 -1.20 0.00	33.11 -0.99 0.00	31.95 -1.26 0.00	31.12 -1.33 0.00	30.08 -1.55 0.00	29.62 -1.49 -0.01	27.38 -1.43 -0.17	28.80 -1.32 -0.21	30.74 -1.43 -0.37	35.87 -1.36 -0.38	44.85 -0.54 -0.48	63.05 0.74 -0.33	68.98 1.14 -0.70	53.89 0.48 -0.09	41.17 0.04 0.00	35.93 -0.11 0.00
BLISS_WT_PWR 323608	35.92 -2.58 0.02	34.55 -1.67 0.02	31.89 -2.14 0.02	31.12 -2.35 0.02	32.62 -2.31 0.02	37.79 -2.37 0.02	46.95 -3.24 2.13	47.52 -2.98 0.02	38.78 -2.43 0.02	31.97 -2.11 0.02	30.97 -2.22 0.02	30.03 -2.40 0.02	29.17 -2.43 0.02	28.73 -2.37 0.01	26.60 -2.21 -0.16	27.53 -2.33 0.04	29.10 -2.64 0.06	33.29 -2.87 0.69	36.24 -2.47 6.20	55.04 -3.41 3.52	61.10 -4.16 1.87	48.96 -2.66 1.70	38.54 -1.97 0.61	33.50 -2.52 0.02
BLUESTONE___WT_PWR 323821	39.99 1.46 -0.01	37.66 1.41 -0.01	35.18 1.12 -0.01	34.54 1.04 -0.01	36.15 1.19 -0.01	41.68 1.49 -0.01	57.04 3.14 -1.58	53.06 2.53 -0.01	42.69 1.44 -0.01	35.13 1.02 -0.01	33.95 0.73 -0.01	33.04 0.58 -0.01	32.12 0.48 -0.02	31.87 0.65 -0.11	30.60 0.57 -1.38	32.54 0.75 -1.89	35.87 0.80 -3.28	41.80 1.29 -3.65	56.22 1.93 -9.39	66.08 3.53 -0.57	71.20 3.82 -0.24	56.28 2.72 -0.24	43.10 1.89 -0.08	37.57 1.51 -0.01
BLUE_CIRC_CHEM_DRP 24182	40.14 1.62 0.00	37.76 1.52 0.00	35.52 1.46 0.00	34.93 1.44 0.00	36.45 1.50 0.00	41.83 1.65 0.00	54.31 1.99 0.00	52.09 1.57 0.00	42.35 1.11 0.00	34.92 0.82 0.00	34.01 0.80 0.00	33.23 0.78 0.00	32.36 0.73 -0.01	32.14 0.75 -0.29	33.23 0.63 -3.95	35.73 0.72 -5.11	41.56 0.89 -8.87	47.16 1.18 -9.13	57.93 1.66 -11.36	64.39 2.42 0.00	69.69 2.55 0.00	55.51 2.19 0.00	42.90 1.77 0.00	37.63 1.59 0.00
BOC_GAS_DRP 24189	39.79 1.27 0.00	37.43 1.20 0.00	35.21 1.16 0.00	34.59 1.11 0.00	36.10 1.15 0.00	41.51 1.33 0.00	53.95 1.62 0.00	51.89 1.36 0.00	42.35 1.11 0.00	35.02 0.92 0.00	34.14 0.93 0.00	33.39 0.94 0.00	32.55 0.92 -0.01	32.30 0.90 -0.29	33.46 0.83 -3.98	35.92 0.87 -5.14	41.71 0.99 -8.93	47.22 1.18 -9.18	57.91 1.57 -11.43	64.02 2.05 0.00	69.29 2.15 0.00	55.09 1.76 0.00	42.61 1.48 0.00	37.34 1.30 0.00
BOONVILLE_115KV_TB1 79983	38.83 0.31 0.00	36.46 0.22 0.00	34.15 0.10 0.00	33.52 0.03 0.00	35.06 0.10 0.00	40.35 0.16 0.00	53.00 0.68 0.00	50.93 0.40 0.00	40.99 -0.25 0.00	33.93 -0.17 0.00	32.84 -0.37 0.00	32.03 -0.42 0.00	31.00 -0.63 0.00	30.49 -0.62 -0.01	28.11 -0.66 -0.12	29.46 -0.60 -0.15	31.43 -0.64 -0.26	36.72 -0.41 -0.27	45.79 0.54 -0.34	63.73 1.61 -0.14	69.31 1.88 -0.29	54.59 1.23 -0.04	41.91 0.78 0.00	36.58 0.54 0.00
BORALEX_4TH_BRANCH 23824	40.91 2.39 0.00	38.45 2.21 0.00	36.16 2.11 0.00	35.56 2.08 0.00	37.12 2.17 0.00	42.76 2.57 0.00	55.57 3.24 0.00	53.61 3.08 0.00	43.67 2.43 0.00	36.05 1.94 0.00	35.14 1.93 0.00	34.30 1.85 0.00	33.46 1.80 -0.03	33.02 1.62 -0.29	34.19 1.52 -4.02	36.65 1.56 -5.19	42.72 1.91 -9.01	48.49 2.36 -9.28	59.41 2.96 -11.54	65.94 3.97 0.00	71.17 4.03 0.00	56.90 3.57 0.00	43.92 2.80 0.00	38.42 2.38 0.00
BOWLINE___1 23526	40.95 2.43 0.00	38.67 2.43 0.00	36.23 2.18 0.00	35.46 1.98 0.00	37.08 2.13 0.00	42.88 2.69 0.00	55.93 3.61 0.00	53.96 3.44 0.00	44.21 2.97 0.00	36.66 2.56 0.00	35.90 2.69 0.00	35.18 2.73 0.00	34.35 2.69 -0.04	34.11 2.77 -0.24	34.49 2.52 -3.31	36.79 2.60 -4.28	41.97 2.74 -7.44	47.71 3.20 -7.65	61.09 3.95 -12.23	67.41 5.14 -0.29	72.51 5.37 0.00	57.52 4.05 -0.14	44.30 3.12 -0.05	38.50 2.45 0.00
BOWLINE___2 23595	40.95 2.43 0.00	38.67 2.43 0.00	36.23 2.18 0.00	35.46 1.98 0.00	37.08 2.13 0.00	42.88 2.69 0.00	55.93 3.61 0.00	53.96 3.44 0.00	44.21 2.97 0.00	36.66 2.56 0.00	35.90 2.69 0.00	35.18 2.73 0.00	34.35 2.69 -0.04	34.11 2.77 -0.24	34.49 2.52 -3.31	36.79 2.60 -4.28	41.97 2.74 -7.44	47.71 3.20 -7.65	61.09 3.95 -12.23	67.41 5.14 -0.29	72.51 5.37 0.00	57.52 4.05 -0.14	44.30 3.12 -0.05	38.50 2.45 0.00
BRADY___115KV_TB2 356060	38.02 -0.50 0.00	35.80 -0.43 0.00	33.54 -0.51 0.00	33.02 -0.47 0.00	34.46 -0.49 0.00	39.78 -0.40 0.00	52.11 -0.21 0.00	49.82 -0.71 0.00	40.12 -1.11 0.00	33.15 -0.95 0.00	32.11 -1.10 0.00	31.48 -0.97 0.00	30.62 -1.01 0.00	30.11 -1.00 0.00	27.79 -0.86 0.00	29.10 -0.81 0.00	31.00 -0.79 0.00	35.93 -0.92 0.00	44.28 -0.63 0.00	61.61 -0.37 0.00	66.73 -0.40 0.00	53.22 -0.11 0.00	40.80 -0.33 0.00	35.72 -0.32 0.00
BRANSCOMB___SOLAR 323811	40.79 2.27 0.00	38.49 2.25 0.00	36.09 2.04 0.00	35.50 2.01 0.00	37.08 2.13 0.00	42.68 2.49 0.00	55.68 3.35 0.00	53.20 2.68 0.00	43.13 1.90 0.00	35.40 1.30 0.00	34.40 1.19 0.00	33.52 1.07 0.00	32.65 1.01 -0.02	32.37 0.97 -0.30	33.66 0.92 -4.09	36.18 0.99 -5.28	42.34 1.37 -9.17	48.13 1.84 -9.44	59.65 2.33 -12.41	65.45 3.47 0.00	70.96 3.82 0.00	56.63 3.31 0.00	43.64 2.51 0.00	38.10 2.05 0.00
BRDGHMPT_69_KV_BK1 55812	41.69 3.16 -0.01	39.14 2.90 0.00	37.06 3.00 -0.01	36.23 2.75 0.00	38.00 3.04 -0.01	44.25 4.06 -0.01	57.56 5.23 0.00	56.03 5.51 0.00	45.99 4.74 -0.01	38.20 4.09 -0.01	37.57 4.35 -0.01	36.94 4.48 -0.01	35.98 4.30 -0.05	35.53 4.17 -0.26	36.06 4.01 -3.39	38.42 4.13 -4.39	45.55 4.29 -9.46	57.46 4.79 -15.82	60.13 5.48 -9.75	69.05 7.07 -0.01	74.40 7.25 -0.01	58.77 5.44 -0.01	45.33 4.20 -0.01	39.55 3.50 -0.01



BRENTWOD_69_KV_W. BRTWOOD 56703	42.23 3.70 -0.01	39.61 3.37 0.00	37.36 3.30 -0.01	36.63 3.15 0.00	38.28 3.32 -0.01	44.29 4.10 -0.01	57.56 5.23 0.00	55.73 5.20 0.00	45.62 4.37 -0.01	37.86 3.75 -0.01	37.04 3.82 -0.01	36.32 3.86 -0.01	35.34 3.67 -0.05	34.97 3.61 -0.26	35.57 3.52 -0.39	37.94 3.65 -0.43	45.13 3.85 -0.94	57.32 4.53 -15.93	59.69 5.03 -9.75	68.43 6.45 -0.01	73.99 6.85 -0.01	58.83 5.49 -0.01	45.66 4.52 -0.01	39.87 3.82 -0.01
BRISTLHL_115KV_TB1 79998	37.79 -0.73 0.00	35.55 -0.69 0.00	33.41 -0.65 0.00	32.85 -0.64 0.00	34.32 -0.63 0.00	39.42 -0.76 0.00	51.38 -0.94 0.00	49.41 -1.11 0.00	40.41 -0.82 0.00	33.42 -0.68 0.00	32.55 -0.66 0.00	31.74 -0.71 0.00	30.93 -0.70 0.00	30.41 -0.72 -0.02	28.23 -0.66 -0.24	29.50 -0.72 -0.31	31.51 -0.83 -0.54	36.38 -1.03 -0.56	43.29 -1.17 0.45	62.61 -1.49 -2.12	68.03 -1.54 -2.44	52.82 -1.39 -0.88	40.26 -1.11 -0.24	35.11 -0.94 0.00
BROOKHAVEN___DRP 24191	42.11 3.58 -0.01	39.50 3.26 0.00	37.30 3.23 -0.01	36.53 3.05 0.00	38.18 3.22 -0.01	44.25 4.06 -0.01	57.40 5.08 0.00	55.63 5.10 0.00	45.57 4.33 -0.01	37.83 3.72 -0.01	37.00 3.79 -0.01	36.29 3.83 -0.01	35.31 3.64 -0.05	34.94 3.58 -0.26	35.54 3.50 -0.39	37.94 3.65 -0.43	45.10 3.85 -0.94	57.16 4.50 -15.81	59.77 5.12 -9.75	68.62 6.63 -0.01	74.13 6.98 -0.01	58.83 5.49 -0.01	45.58 4.44 -0.01	39.80 3.75 -0.01
BROOKLYN_NAVY_YARD 23515	41.14 2.62 0.00	38.81 2.57 0.00	36.39 2.35 0.01	35.59 2.11 0.01	37.21 2.27 0.01	43.07 2.90 0.01	56.20 3.87 0.00	54.32 3.79 0.00	44.49 3.26 0.00	37.00 2.90 0.00	36.26 3.05 0.00	35.57 3.12 0.00	34.78 3.10 -0.05	34.58 3.20 -0.27	34.94 2.89 -0.34	37.25 2.96 -0.43	42.45 3.05 -0.76	48.25 3.57 -7.82	61.69 4.45 -12.33	67.90 5.64 -0.28	73.05 5.91 0.00	57.88 4.42 -0.13	44.55 3.37 -0.05	38.66 2.63 0.01
BROOKLYN___ARMY_DRP 323595	41.57 3.04 -0.01	39.00 2.75 -0.01	36.74 2.69 0.00	36.00 2.51 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.20 3.87 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -0.34	37.28 2.99 -0.43	42.43 3.02 -0.76	48.26 3.57 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.25 6.11 0.00	57.91 4.59 0.00	44.62 3.50 0.00	39.07 3.03 0.00
BROOME_2_LFGE 323671	38.96 0.42 -0.02	36.69 0.44 -0.02	34.41 0.34 -0.02	33.81 0.30 -0.02	35.35 0.39 -0.02	40.69 0.48 -0.02	55.76 0.79 -2.65	50.53 0.00 0.00	41.16 -0.08 0.00	34.00 -0.10 0.00	33.05 -0.17 0.00	32.23 -0.23 0.00	31.41 -0.22 0.00	30.97 -0.22 -0.08	29.50 -0.17 -1.02	31.59 -0.09 -1.77	34.78 -0.10 -3.07	40.59 -0.04 -3.77	60.22 0.72 -14.60	64.46 1.05 -1.43	68.71 1.07 -0.50	54.71 0.75 -0.64	41.90 0.53 -0.24	36.42 0.36 -0.02
BROOME___LFGE 323600	38.96 0.42 -0.02	36.69 0.44 -0.02	34.41 0.34 -0.02	33.81 0.30 -0.02	35.35 0.39 -0.02	40.69 0.48 -0.02	55.76 0.79 -2.65	50.53 0.00 0.00	41.16 -0.08 0.00	34.00 -0.10 0.00	33.05 -0.17 0.00	32.23 -0.23 0.00	31.41 -0.22 0.00	30.97 -0.22 -0.08	29.50 -0.17 -1.02	31.59 -0.09 -1.77	34.78 -0.10 -3.07	40.59 -0.04 -3.77	60.22 0.72 -14.60	64.46 1.05 -1.43	68.71 1.07 -0.50	54.71 0.75 -0.64	41.90 0.53 -0.24	36.42 0.36 -0.02
BROWNFLS_115KV_TB_3_5 80003	37.17 -1.35 0.00	34.90 -1.34 0.00	32.69 -1.36 0.00	32.11 -1.37 0.00	33.55 -1.40 0.00	38.70 -1.49 0.00	50.91 -1.41 0.00	48.71 -1.82 0.00	39.13 -2.10 0.00	32.40 -1.71 0.00	31.35 -1.86 0.00	30.63 -1.82 0.00	29.67 -1.96 0.00	29.15 -1.96 -0.01	26.88 -1.86 -0.09	28.20 -1.82 -0.11	30.06 -1.94 -0.20	35.03 -2.03 -0.20	43.64 -1.53 -0.26	60.83 -1.30 -0.15	66.25 -1.21 -0.32	52.30 -1.07 -0.04	40.10 -1.03 0.00	35.07 -0.97 0.00
BROWNSV1_27_KV_LOAD 356125	41.56 3.04 0.00	38.96 2.72 0.00	36.71 2.66 0.00	36.00 2.51 0.00	37.54 2.59 0.00	43.48 3.30 0.00	56.67 4.34 0.00	54.82 4.29 0.00	44.91 3.67 0.00	37.34 3.24 0.00	36.60 3.39 0.00	35.92 3.47 0.00	35.12 3.45 -0.05	34.89 3.51 -0.27	35.26 3.21 -0.34	37.58 3.29 -0.43	42.78 3.37 -0.76	48.62 3.94 -7.83	59.59 4.94 -9.74	68.36 6.38 0.00	73.85 6.71 0.00	58.34 5.01 0.00	44.91 3.78 0.00	39.21 3.17 0.00
BURROWS___LYONSDAL 23803	38.56 0.04 0.00	36.17 -0.07 0.00	33.88 -0.17 0.00	33.25 -0.23 0.00	34.78 -0.17 0.00	40.02 -0.16 0.00	52.64 0.31 0.00	50.53 0.00 0.00	40.66 -0.58 0.00	33.66 -0.44 0.00	32.58 -0.63 0.00	31.77 -0.68 0.00	30.71 -0.92 0.00	30.18 -0.93 -0.01	27.80 -0.97 -0.12	29.13 -0.93 -0.15	31.11 -0.95 -0.27	36.39 -0.74 -0.27	45.52 0.27 -0.34	63.43 1.30 -0.15	69.07 1.61 -0.32	54.33 0.96 -0.04	41.70 0.58 0.00	36.40 0.36 0.00
CAITHNESS_CC_1 323624	42.03 3.50 -0.01	39.72 3.48 0.00	37.23 3.17 -0.01	36.33 2.84 0.00	38.14 3.18 -0.01	44.13 3.94 -0.01	57.40 5.07 0.00	55.53 5.00 0.00	45.53 4.29 -0.01	37.76 3.65 -0.01	36.97 3.75 -0.01	36.22 3.76 -0.01	35.25 3.57 -0.05	34.91 3.54 -0.26	35.48 3.44 -0.39	37.85 3.56 -0.43	45.03 3.78 -0.94	57.08 4.42 -15.81	62.24 4.98 -12.34	68.71 6.45 -0.29	73.92 6.78 -0.01	58.85 5.38 -0.14	45.59 4.40 -0.06	39.55 3.50 -0.01
CALPINE BETH_PAGE_GT4 24209	42.04 3.51 -0.01	39.43 3.19 0.00	37.13 3.06 -0.01	36.47 2.98 0.00	38.07 3.11 -0.01	44.01 3.82 -0.01	57.24 4.92 0.00	55.38 4.85 0.00	45.33 4.08 -0.01	37.66 3.55 -0.01	36.81 3.59 -0.01	36.10 3.63 -0.01	35.15 3.48 -0.05	34.79 3.42 -0.26	35.37 3.32 -0.39	37.74 3.44 -0.43	45.24 3.59 -0.85	58.46 4.09 -17.52	59.55 4.90 -9.75	68.25 6.26 -0.01	73.79 6.65 -0.01	58.51 5.17 -0.01	45.25 4.11 -0.01	39.62 3.57 -0.01
CALPINE_BETH_PAGE_GT_4 323586	42.00 3.47 -0.01	39.61 3.37 0.00	37.13 3.07 -0.01	36.33 2.84 0.00	38.07 3.11 -0.01	44.02 3.82 -0.01	57.30 4.97 0.00	55.43 4.90 0.00	45.37 4.12 -0.01	37.66 3.55 -0.01	36.81 3.59 -0.01	36.10 3.63 -0.01	35.15 3.48 -0.05	34.82 3.45 -0.26	35.37 3.32 -0.39	37.73 3.44 -0.43	45.24 3.59 -0.85	58.46 4.09 -17.51	62.15 4.90 -12.35	68.53 6.26 -0.29	73.80 6.65 -0.01	58.64 5.17 -0.14	45.30 4.11 -0.06	39.44 3.39 -0.01
CALPINE_BP_GT1 23823	42.00 3.47 -0.01	39.61 3.37 0.00	37.13 3.07 -0.01	36.33 2.84 0.00	38.07 3.11 -0.01	44.02 3.82 -0.01	57.30 4.97 0.00	55.43 4.90 0.00	45.37 4.12 -0.01	37.66 3.55 -0.01	36.81 3.59 -0.01	36.10 3.63 -0.01	35.15 3.48 -0.05	34.82 3.45 -0.26	35.37 3.32 -0.39	37.73 3.44 -0.43	45.24 3.59 -0.85	58.46 4.09 -17.51	62.15 4.90 -12.35	68.53 6.26 -0.29	73.80 6.65 -0.01	58.64 5.17 -0.14	45.30 4.11 -0.06	39.44 3.39 -0.01
CALSPAN___DRP 24200	35.61 -2.89 0.02	33.79 -2.43 0.02	31.62 -2.42 0.02	31.13 -2.34 0.02	32.38 -2.55 0.02	36.91 -3.26 0.02	45.62 -4.45 2.25	46.01 -4.50 0.02	38.25 -2.97 0.02	31.56 -2.52 0.02	30.54 -2.66 0.02	29.55 -2.89 0.02	28.86 -2.75 0.02	28.33 -2.77 0.00	26.17 -2.64 -0.16	27.65 -2.72 -0.46	29.58 -3.02 -0.80	34.29 -3.39 -0.83	35.52 -3.28 6.11	53.64 -4.83 3.50	59.96 -5.30 1.87	47.63 -4.00 1.69	37.72 -2.80 0.61	33.57 -2.45 0.02

CALVERTON___SOLAR 323806	42.11 3.58 -0.01	39.83 3.59 0.00	37.33 3.27 -0.01	36.40 2.91 0.00	38.24 3.28 -0.01	44.30 4.10 -0.01	57.61 5.28 0.00	55.73 5.21 0.00	45.70 4.45 -0.01	37.86 3.75 -0.01	37.10 3.88 -0.01	36.38 3.92 -0.01	35.40 3.73 -0.05	35.04 3.67 -0.26	35.60 3.55 -0.39	38.00 3.71 -0.43	45.19 3.94 -0.45	57.23 4.57 -0.15	62.50 5.25 -0.23	69.08 6.82 -0.29	74.26 7.11 -0.01	59.07 5.60 -0.14	45.71 4.52 -0.06	39.66 3.60 -0.01
CANDIGU_WT_PWR 323617	36.60 -1.89 0.03	34.69 -1.52 0.03	32.42 -1.60 0.03	31.85 -1.61 0.03	33.31 -1.61 0.03	38.27 -1.89 0.03	47.95 -2.41 1.96	47.41 -3.08 0.03	38.77 -2.43 0.03	31.79 -2.28 0.03	30.73 -2.46 0.02	29.76 -2.66 0.03	29.04 -2.56 0.03	28.44 -2.64 0.02	26.26 -2.46 -0.08	27.41 -2.30 0.19	28.96 -2.51 0.32	32.89 -2.69 1.27	33.41 -2.15 9.34	55.58 -2.73 3.67	62.03 -3.22 1.89	49.11 -2.45 1.76	38.55 -1.93 0.64	34.07 -1.95 0.03
CARR STREET_E_SYR 24060	38.25 -0.27 0.00	35.91 -0.33 0.00	33.82 -0.24 0.00	33.25 -0.23 0.00	34.74 -0.21 0.00	39.86 -0.32 0.00	52.42 -0.26 -0.35	50.02 -0.51 0.00	40.90 -0.33 0.00	33.87 -0.24 0.00	32.94 -0.27 0.00	32.13 -0.32 0.00	31.34 -0.29 0.00	30.78 -0.34 -0.02	28.61 -0.31 -0.27	29.90 -0.36 -0.35	31.97 -0.45 -0.62	36.94 -0.55 -0.63	43.40 -0.54 0.97	60.16 -0.68 1.14	66.28 -0.67 0.18	52.04 -0.69 0.59	40.32 -0.58 0.23	35.61 -0.43 0.00
CARTHAGE___PAPER 23857	37.94 -0.58 0.00	35.59 -0.65 0.00	33.30 -0.75 0.00	32.72 -0.77 0.00	34.22 -0.74 0.00	39.38 -0.80 0.00	52.06 -0.26 0.00	49.82 -0.71 0.00	39.79 -1.44 0.00	32.94 -1.16 0.00	31.82 -1.39 0.00	31.02 -1.43 0.00	29.95 -1.68 0.00	29.47 -1.65 -0.01	27.17 -1.63 -0.15	28.54 -1.56 -0.20	30.52 -1.62 -0.34	35.62 -1.58 -0.35	44.85 -0.63 -0.57	62.59 0.37 -0.24	68.31 0.67 -0.51	53.60 0.21 -0.06	41.05 -0.08 0.00	35.83 -0.21 0.00
CASSADAGA_WT_PWR 323784	36.42 -2.08 0.02	34.66 -1.56 0.02	32.36 -1.67 0.02	31.66 -1.81 0.02	33.04 -1.89 0.02	38.07 -2.09 0.02	47.31 -2.93 2.09	47.68 -2.83 0.02	39.32 -1.90 0.02	32.28 -1.81 0.02	31.20 -1.99 0.02	30.19 -2.24 0.02	29.43 -2.18 0.02	28.80 -2.30 0.01	26.54 -2.26 -0.16	27.45 -2.42 0.04	29.01 -2.74 0.05	33.20 -2.98 0.67	36.32 -2.47 6.12	55.23 -3.23 3.53	61.70 -3.56 1.87	49.06 -2.56 1.70	38.79 -1.73 0.61	34.08 -1.95 0.02
CE_DUNWOOD___DRP 24194	41.10 2.58 0.00	38.59 2.36 0.00	36.33 2.28 0.00	35.63 2.14 0.00	37.19 2.24 0.00	43.04 2.85 0.00	56.04 3.72 0.00	54.16 3.64 0.00	44.33 3.09 0.00	36.83 2.73 0.00	36.07 2.86 0.00	35.37 2.92 0.00	34.54 2.88 -0.04	34.30 2.96 -0.24	34.76 2.72 -0.38	37.06 2.78 -0.48	42.29 2.89 -0.76	48.10 3.43 -0.82	58.86 4.22 -0.93	67.43 5.45 0.00	72.84 5.71 0.00	57.59 4.27 0.00	44.42 3.29 0.00	38.78 2.74 0.00
CE_MILLWOOD___DRP 24193	41.02 2.50 0.00	38.52 2.28 0.00	36.30 2.25 0.00	35.60 2.11 0.00	37.15 2.20 0.00	42.96 2.77 0.00	55.93 3.61 0.00	54.06 3.54 0.00	44.25 3.01 0.00	36.73 2.63 0.00	35.97 2.76 0.00	35.27 2.82 0.00	34.45 2.78 -0.04	34.21 2.86 -0.24	34.66 2.64 -0.37	36.96 2.69 -0.47	42.18 2.80 -0.78	47.97 3.32 -0.80	58.70 4.09 -0.97	67.25 5.27 0.00	72.71 5.57 0.00	57.49 4.16 0.00	44.34 3.21 0.00	38.71 2.67 0.00
CE_NYC2_DRP 24202	41.29 2.77 0.00	38.74 2.50 0.00	36.57 2.52 0.00	35.83 2.34 0.00	37.36 2.41 0.00	43.16 2.97 0.00	56.14 3.82 0.00	54.32 3.79 0.00	44.45 3.22 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.66 3.21 0.00	34.87 3.19 -0.05	34.64 3.27 -0.27	35.03 2.98 -0.34	37.31 3.02 -0.48	42.46 3.05 -0.76	48.26 3.57 -0.83	59.09 4.45 -0.97	67.68 5.70 0.00	73.11 5.98 0.00	57.75 4.43 0.00	44.50 3.37 0.00	38.96 2.92 0.00
CE_NYC_DRP 24195	41.33 2.81 0.00	38.78 2.54 0.00	36.54 2.49 0.00	35.83 2.34 0.00	37.40 2.45 0.00	43.28 3.09 0.00	56.35 4.03 0.00	54.52 3.99 0.00	44.66 3.42 0.00	37.14 3.04 0.00	36.40 3.19 0.00	35.73 3.28 0.00	34.93 3.26 -0.05	34.70 3.33 -0.27	35.11 3.07 -0.34	37.40 3.11 -0.48	42.62 3.21 -0.76	48.44 3.76 -0.83	59.32 4.67 -0.97	67.99 6.01 0.00	73.45 6.31 0.00	58.02 4.69 0.00	44.66 3.54 0.00	39.03 2.99 0.00
CHAFFEE___LFGE 323603	35.65 -2.85 0.02	33.75 -2.47 0.02	31.65 -2.38 0.02	31.06 -2.41 0.02	32.38 -2.55 0.02	36.99 -3.18 0.02	45.96 -4.34 2.02	46.31 -4.19 0.02	38.37 -2.84 0.02	31.63 -2.46 0.02	30.64 -2.56 0.02	29.67 -2.76 0.02	28.98 -2.62 0.02	28.39 -2.71 0.01	26.29 -2.52 -0.16	27.28 -2.60 0.03	28.90 -2.86 0.04	33.01 -3.21 0.64	35.95 -2.97 5.99	54.06 -4.40 3.52	60.43 -4.83 1.87	48.00 -3.63 1.70	38.00 -2.51 0.61	33.57 -2.45 0.02
CHATEAUG_35_KV_LOAD 355732	37.98 -0.54 0.00	35.70 -0.54 0.00	33.44 -0.61 0.00	32.92 -0.57 0.00	34.32 -0.63 0.00	39.58 -0.60 0.00	51.64 -0.68 0.00	49.52 -1.01 0.00	40.16 -1.07 0.00	33.15 -0.95 0.00	32.21 -1.00 0.00	31.54 -0.91 0.00	30.71 -0.92 0.00	30.20 -0.90 0.00	27.88 -0.77 0.00	29.16 -0.75 0.00	31.04 -0.76 0.00	35.97 -0.88 0.00	44.15 -0.76 0.00	61.11 -0.87 0.00	66.26 -0.87 0.00	52.74 -0.59 0.00	40.55 -0.58 0.00	35.50 -0.54 0.00
CHATEAUG_WT_PWR 323614	37.94 -0.58 0.00	35.70 -0.54 0.00	33.40 -0.65 0.00	32.92 -0.57 0.00	34.29 -0.67 0.00	39.54 -0.64 0.00	51.43 -0.89 0.00	49.46 -1.06 0.00	40.12 -1.11 0.00	33.18 -0.92 0.00	32.25 -0.96 0.00	31.58 -0.87 0.00	30.74 -0.89 0.00	30.27 -0.84 0.00	27.91 -0.75 0.00	29.16 -0.75 0.00	31.04 -0.76 0.00	35.93 -0.92 0.00	44.05 -0.85 0.00	60.98 -0.99 0.00	66.13 -1.01 0.00	52.69 -0.64 0.00	40.47 -0.66 0.00	35.47 -0.58 0.00
CHAT_HIGH_FALL_HYD 323578	37.98 -0.54 0.00	35.70 -0.54 0.00	33.44 -0.61 0.00	32.92 -0.57 0.00	34.32 -0.63 0.00	39.58 -0.60 0.00	51.64 -0.68 0.00	49.52 -1.01 0.00	40.16 -1.07 0.00	33.15 -0.95 0.00	32.21 -1.00 0.00	31.54 -0.91 0.00	30.71 -0.92 0.00	30.20 -0.90 0.00	27.88 -0.77 0.00	29.16 -0.75 0.00	31.04 -0.76 0.00	35.97 -0.88 0.00	44.15 -0.76 0.00	61.11 -0.87 0.00	66.26 -0.87 0.00	52.74 -0.59 0.00	40.55 -0.58 0.00	35.50 -0.54 0.00
CHAUTAUQUA___LFGE 323629	36.27 -2.24 0.02	34.33 -1.89 0.02	32.19 -1.84 0.02	31.59 -1.87 0.02	32.94 -1.99 0.02	37.68 -2.49 0.02	46.85 -3.46 2.02	47.12 -3.38 0.02	39.03 -2.19 0.02	32.11 -1.98 0.02	31.04 -2.16 0.02	30.03 -2.40 0.02	29.30 -2.31 0.02	28.64 -2.46 0.01	26.49 -2.32 -0.16	27.43 -2.45 0.03	29.02 -2.74 0.04	33.20 -3.02 0.64	36.30 -2.61 6.00	54.80 -3.66 3.52	61.31 -3.96 1.87	48.64 -2.99 1.70	38.46 -2.06 0.61	34.01 -2.02 0.02
CHERRYST_13_KV_LD 356241	41.45 2.93 0.00	38.85 2.61 0.00	36.64 2.59 0.00	35.90 2.41 0.00	37.47 2.52 0.00	43.40 3.21 0.00	56.51 4.19 0.00	54.72 4.19 0.00	44.78 3.55 0.00	37.27 3.17 0.00	36.53 3.32 0.00	35.86 3.41 0.00	35.06 3.38 -0.05	34.82 3.45 -0.27	35.20 3.15 -0.34	37.52 3.23 -0.48	42.71 3.31 -0.76	48.55 3.87 -0.83	59.45 4.81 -0.97	68.17 6.20 0.00	73.65 6.51 0.00	58.18 4.85 0.00	44.79 3.66 0.00	39.14 3.10 0.00

CHESTROR_138KV_BK263 355645	40.68 2.16 0.00	38.23 1.99 0.00	36.00 1.94 0.00	35.30 1.81 0.00	36.88 1.92 0.00	42.64 2.45 0.00	55.69 3.14 -0.23	53.56 3.03 0.00	43.79 2.56 0.00	36.32 2.22 0.00	35.50 2.29 0.00	34.79 2.34 0.00	33.97 2.31 -0.04	33.73 2.40 -0.23	34.07 2.21 -3.21	36.33 2.27 -4.15	41.39 2.38 -7.20	47.06 2.80 -7.41	57.63 3.50 -9.22	66.56 4.59 0.00	72.03 4.83 -0.06	56.95 3.63 0.00	43.92 2.80 0.00	38.35 2.31 0.00
CH_MIDHUDSON___DRP 24192	40.87 2.35 0.00	38.41 2.17 0.00	36.13 2.08 0.00	35.46 1.98 0.00	37.01 2.06 0.00	42.84 2.65 0.00	55.73 3.40 0.00	53.86 3.33 0.00	44.00 2.76 0.00	36.42 2.32 0.00	35.60 2.39 0.00	34.88 2.43 0.00	34.07 2.40 -0.04	33.81 2.46 -0.25	34.34 2.23 -3.46	36.71 2.33 -4.47	42.04 2.48 -7.76	47.79 2.95 -7.99	58.57 3.73 -9.94	66.87 4.90 0.00	72.37 5.24 0.00	57.27 3.95 0.00	44.17 3.04 0.00	38.57 2.52 0.00
CH_MISC_IPPS 23765	41.02 2.50 0.00	38.77 2.54 0.00	36.30 2.25 0.00	35.56 2.08 0.00	37.19 2.24 0.00	43.04 2.85 0.00	56.14 3.82 0.00	54.11 3.59 0.00	44.21 2.97 0.00	36.49 2.39 0.00	35.70 2.49 0.00	34.95 2.50 0.00	34.10 2.44 -0.04	33.87 2.52 -0.25	34.36 2.29 -3.41	36.74 2.42 -4.41	42.07 2.61 -7.66	47.83 3.10 -7.88	61.24 3.95 -12.38	67.52 5.27 -0.28	72.78 5.64 0.00	57.67 4.21 -0.13	44.43 3.25 -0.05	38.57 2.52 0.00
CH_RES_BVR_FALLS 23983	38.25 -0.27 0.00	35.99 -0.25 0.00	33.78 -0.27 0.00	33.22 -0.27 0.00	34.67 -0.28 0.00	39.91 -0.28 0.00	51.90 -0.42 0.00	50.07 -0.46 0.00	40.82 -0.41 0.00	33.76 -0.34 0.00	32.85 -0.36 0.00	32.09 -0.36 0.00	31.28 -0.35 0.00	30.76 -0.34 0.00	28.34 -0.31 0.00	29.61 -0.30 0.00	31.48 -0.32 0.00	36.49 -0.37 0.00	44.55 -0.36 0.00	61.55 -0.43 0.00	66.67 -0.47 0.00	53.01 -0.32 0.00	40.84 -0.29 0.00	35.79 -0.25 0.00
CH_RES_NIAGARA 23895	34.34 -4.16 0.02	32.67 -3.55 0.02	30.60 -3.44 0.02	30.26 -3.21 0.02	31.41 -3.53 0.02	35.15 -5.02 0.02	43.20 -6.80 2.32	43.89 -6.62 0.01	37.01 -4.21 0.02	30.58 -3.51 0.02	29.46 -3.72 0.03	28.44 -3.99 0.02	27.85 -3.76 0.02	27.18 -3.92 0.00	25.06 -3.75 -0.16	26.33 -4.01 -0.44	28.20 -4.36 -0.76	32.84 -4.79 -0.78	34.17 -5.21 5.53	50.32 -8.12 3.54	56.95 -8.33 1.87	44.92 -6.72 1.69	35.87 -4.65 0.61	32.03 -4.00 0.02
CH_RES_SYRACUSE 23985	38.40 -0.12 0.00	36.09 -0.14 0.00	33.95 -0.10 0.00	33.42 -0.07 0.00	34.91 -0.03 0.00	40.10 -0.08 0.00	52.86 0.00 -0.53	50.27 -0.25 0.00	41.07 -0.16 0.00	33.97 -0.14 0.00	33.04 -0.17 0.00	32.23 -0.23 0.00	31.44 -0.19 0.00	30.88 -0.25 -0.02	28.75 -0.20 -0.30	29.94 -0.27 -0.31	32.02 -0.32 -0.53	36.91 -0.40 -0.46	43.54 -0.31 1.05	61.71 -0.25 0.02	67.53 -0.27 -0.66	52.87 -0.37 0.08	40.73 -0.33 0.07	35.83 -0.21 0.00
CLINTON_WT_PWR 323605	37.94 -0.58 0.00	35.70 -0.54 0.00	33.40 -0.65 0.00	32.92 -0.57 0.00	34.29 -0.67 0.00	39.54 -0.64 0.00	51.43 -0.89 0.00	49.46 -1.06 0.00	40.12 -1.11 0.00	33.18 -0.92 0.00	32.25 -0.96 0.00	31.58 -0.87 0.00	30.74 -0.89 0.00	30.27 -0.84 0.00	27.91 -0.75 0.00	29.16 -0.75 0.00	31.04 -0.76 0.00	35.93 -0.92 0.00	44.05 -0.85 0.00	60.98 -0.99 0.00	66.13 -1.01 0.00	52.69 -0.64 0.00	40.47 -0.66 0.00	35.47 -0.58 0.00
CLINTON___LFGE 323618	38.41 -0.12 0.00	36.13 -0.11 0.00	33.78 -0.27 0.00	33.32 -0.17 0.00	34.71 -0.24 0.00	40.11 -0.08 0.00	52.27 -0.05 0.00	50.17 -0.35 0.00	40.62 -0.62 0.00	33.56 -0.55 0.00	32.51 -0.70 0.00	31.90 -0.55 0.00	31.06 -0.57 0.00	30.55 -0.56 0.00	28.16 -0.49 0.00	29.49 -0.42 0.00	31.39 -0.41 0.00	36.34 -0.52 0.00	44.69 -0.22 0.00	62.04 0.06 0.00	67.20 0.07 0.00	53.49 0.16 0.00	41.00 -0.12 0.00	35.94 -0.11 0.00
COBBLENY_34_KV_TB1 80064	35.69 -2.81 0.02	33.83 -2.39 0.02	31.65 -2.38 0.02	31.12 -2.34 0.02	32.38 -2.55 0.02	37.03 -3.13 0.02	46.09 -4.24 1.99	46.26 -4.24 0.02	38.37 -2.85 0.02	31.63 -2.46 0.02	30.64 -2.56 0.02	29.67 -2.76 0.02	28.98 -2.63 0.02	28.49 -2.61 0.01	26.34 -2.46 -0.16	27.81 -2.57 -0.48	29.77 -2.86 -0.83	34.50 -3.21 -0.85	35.62 -2.96 6.32	54.07 -4.40 3.51	60.29 -4.97 1.88	47.95 -3.68 1.70	37.93 -2.59 0.61	33.72 -2.31 0.02
COFFEEN___115KV_TB3 355620	38.21 -0.31 0.00	35.95 -0.29 0.00	33.64 -0.41 0.00	33.05 -0.44 0.00	34.60 -0.35 0.00	39.74 -0.44 0.00	52.69 0.37 0.00	50.42 -0.10 0.00	40.12 -1.11 0.00	33.15 -0.95 0.00	31.98 -1.23 0.00	31.15 -1.30 0.00	30.11 -1.52 0.00	29.66 -1.46 -0.01	27.42 -1.40 -0.17	28.84 -1.29 -0.22	30.78 -1.40 -0.38	35.95 -1.29 -0.39	44.99 -0.40 -0.49	63.31 0.99 -0.34	69.26 1.41 -0.71	54.11 0.69 -0.09	41.29 0.16 0.00	36.04 0.00 0.00
COLDSPRG_115KV_BK1 355956	36.61 -1.89 0.02	34.66 -1.56 0.02	32.36 -1.67 0.02	31.73 -1.74 0.02	33.04 -1.89 0.02	38.56 -1.61 0.02	47.89 -2.30 2.13	48.33 -2.17 0.02	39.44 -1.77 0.02	32.45 -1.64 0.02	31.53 -1.66 0.02	30.65 -1.78 0.02	29.84 -1.77 0.02	29.48 -1.62 0.01	27.32 -1.49 -0.16	28.73 -1.67 -0.50	30.79 -1.88 -0.87	35.72 -2.03 -0.89	36.92 -1.35 6.64	56.72 -1.74 3.52	62.69 -2.55 1.90	50.13 -1.49 1.70	39.40 -1.11 0.61	34.98 -1.05 0.02
COLONIE_LFGE___ 323577	40.41 1.89 0.00	38.09 1.85 0.00	35.72 1.67 0.00	35.09 1.61 0.00	36.66 1.71 0.00	42.19 2.01 0.00	54.94 2.62 0.00	52.75 2.22 0.00	42.97 1.73 0.00	35.40 1.30 0.00	34.50 1.29 0.00	33.68 1.23 0.00	32.82 1.17 -0.02	32.49 1.09 -0.30	33.71 1.00 -4.05	36.22 1.08 -5.24	42.23 1.34 -9.09	47.91 1.70 -9.36	59.41 2.20 -12.30	65.01 3.04 0.00	70.29 3.16 0.00	56.04 2.72 0.00	43.26 2.14 0.00	37.81 1.77 0.00
COOPERNY_115KV_TB1 80082	40.37 1.85 0.00	37.91 1.67 0.00	35.69 1.63 0.00	35.03 1.54 0.00	36.56 1.61 0.00	42.24 2.05 0.00	55.43 2.83 -0.28	53.30 2.78 0.00	43.59 2.35 0.00	36.15 2.05 0.00	35.34 2.13 0.00	34.63 2.17 0.00	33.77 2.12 -0.03	33.51 2.21 -0.19	33.34 2.03 -2.65	35.46 2.12 -3.43	39.94 2.19 -5.95	45.56 2.58 -6.12	56.77 2.96 -8.90	66.04 3.84 -0.22	71.31 4.10 -0.07	56.47 3.04 -0.10	43.55 2.39 -0.04	38.03 1.98 0.00
COPENHAGEN_WT_PWR 323753	38.10 -0.42 0.00	35.77 -0.47 0.00	33.54 -0.51 0.00	32.95 -0.54 0.00	34.50 -0.46 0.00	39.62 -0.56 0.00	52.38 0.05 0.00	50.17 -0.35 0.00	40.08 -1.15 0.00	33.15 -0.95 0.00	31.98 -1.23 0.00	31.18 -1.27 0.00	30.17 -1.45 0.00	29.72 -1.40 -0.01	27.45 -1.37 -0.17	28.85 -1.29 -0.23	30.79 -1.40 -0.39	35.90 -1.36 -0.40	44.97 -0.59 -0.65	62.77 0.49 -0.30	68.64 0.87 -0.63	53.73 0.32 -0.08	41.09 -0.04 0.00	35.90 -0.14 0.00
CORNELL_____ 23752	39.21 0.69 0.01	36.92 0.69 0.01	34.62 0.58 0.01	34.05 0.57 0.01	35.61 0.66 0.01	40.98 0.80 0.01	54.13 1.31 -0.50	51.40 0.81 -0.07	41.78 0.49 -0.05	34.42 0.27 -0.05	33.35 0.10 -0.04	32.50 0.00 -0.05	31.64 -0.03 -0.05	31.23 0.00 -0.13	29.78 -0.03 -1.16	30.62 -0.09 -0.80	33.16 -0.03 -1.39	38.44 0.15 -1.44	42.07 0.90 3.74	62.17 1.61 1.42	68.61 1.68 0.21	53.72 1.12 0.72	41.58 0.74 0.28	36.68 0.65 0.01

CORONA V_69_KV_TB1 355595	41.89 3.35 -0.02	39.32 3.08 0.00	37.00 2.93 -0.02	36.37 2.88 0.00	37.97 3.01 -0.02	43.86 3.66 -0.02	56.98 4.66 0.00	55.17 4.65 0.00	45.17 3.92 -0.02	37.53 3.41 -0.02	36.68 3.45 -0.02	35.97 3.50 -0.02	35.03 3.35 -0.05	34.69 3.33 -0.26	35.23 3.18 -0.39	37.60 3.29 -0.40	46.61 3.40 -11.41	65.08 3.98 -24.24	59.56 4.90 -9.76	68.25 6.26 -0.02	73.87 6.71 -0.02	58.46 5.12 -0.02	45.18 4.03 -0.02	39.49 3.42 -0.02
CORTLAND_115KV_TB3 80093	39.02 0.50 0.00	36.75 0.51 0.00	34.49 0.44 0.00	33.92 0.44 0.00	35.44 0.49 0.00	40.79 0.60 0.00	53.91 0.94 -0.65	51.05 0.51 -0.02	41.58 0.33 -0.01	34.32 0.20 -0.01	33.32 0.10 -0.01	32.50 0.03 -0.01	31.64 0.00 -0.01	31.20 0.03 -0.06	29.34 0.00 -0.69	30.57 -0.03 -0.70	33.01 0.00 -1.21	38.17 0.07 -1.25	44.32 0.67 1.26	62.37 1.18 0.78	68.59 1.28 -0.17	53.70 0.80 0.43	41.48 0.53 0.18	36.51 0.47 0.00
COXSACKIE__GT 23611	41.06 2.54 0.00	38.81 2.57 0.00	36.37 2.32 0.00	35.77 2.28 0.00	37.33 2.38 0.00	43.00 2.81 0.00	56.04 3.72 0.00	53.56 3.03 0.00	43.34 2.10 0.00	35.33 1.23 0.00	34.30 1.09 0.00	33.39 0.94 0.00	32.50 0.85 -0.01	31.95 0.56 -0.28	33.06 0.54 -0.37	35.62 0.72 -5.00	41.46 0.99 -8.68	47.26 1.48 -8.93	60.35 2.33 -13.11	66.35 4.15 -0.22	71.77 4.63 0.00	57.06 3.63 -0.10	44.00 2.84 -0.04	38.46 2.42 0.00
CPV_VALLEY__CC1 323721	40.45 1.93 0.00	38.16 1.92 0.00	35.79 1.74 0.00	35.03 1.54 0.00	36.63 1.68 0.00	42.36 2.17 0.00	55.46 2.88 -0.26	53.25 2.73 0.00	43.59 2.35 0.00	36.11 2.01 0.00	35.34 2.13 0.00	34.63 2.17 0.00	33.81 2.15 -0.03	33.54 2.21 -0.22	33.73 2.03 -0.30	35.94 2.09 -0.39	40.83 2.19 -6.84	46.47 2.58 -7.04	59.90 3.14 -11.85	66.40 4.09 -0.33	71.50 4.30 -0.07	56.68 3.20 -0.16	43.70 2.51 -0.06	37.99 1.94 0.00
CPV_VALLEY__CC2 323722	40.45 1.93 0.00	38.16 1.92 0.00	35.79 1.74 0.00	35.03 1.54 0.00	36.63 1.68 0.00	42.36 2.17 0.00	55.46 2.88 -0.26	53.25 2.73 0.00	43.59 2.35 0.00	36.11 2.01 0.00	35.34 2.13 0.00	34.63 2.17 0.00	33.81 2.15 -0.03	33.54 2.21 -0.22	33.73 2.03 -0.30	35.94 2.09 -0.39	40.83 2.19 -6.84	46.47 2.58 -7.04	59.90 3.14 -11.85	66.40 4.09 -0.33	71.50 4.30 -0.07	56.68 3.20 -0.16	43.70 2.51 -0.06	37.99 1.94 0.00
CRESCENT__HYD 24018	40.41 1.89 0.00	38.09 1.85 0.00	35.72 1.67 0.00	35.09 1.61 0.00	36.66 1.71 0.00	42.19 2.01 0.00	54.94 2.62 0.00	52.75 2.22 0.00	42.97 1.73 0.00	35.40 1.30 0.00	34.50 1.29 0.00	33.68 1.23 0.00	32.82 1.17 -0.02	32.49 1.09 -0.30	33.71 1.00 -0.40	36.22 1.08 -5.24	42.23 1.34 -9.09	47.91 1.70 -9.36	59.41 2.20 -12.30	65.01 3.04 0.00	70.29 3.16 0.00	56.04 2.72 0.00	43.26 2.14 0.00	37.81 1.77 0.00
CRICKET__VALLEY_CC1 323756	40.56 2.04 0.00	38.27 2.03 0.00	35.86 1.80 0.00	35.16 1.67 0.00	36.73 1.78 0.00	42.48 2.29 0.00	55.36 3.03 0.00	53.35 2.83 0.00	43.67 2.43 0.00	36.18 2.08 0.00	35.44 2.23 0.00	34.72 2.27 0.00	33.95 2.28 -0.04	33.70 2.33 -0.26	34.26 2.09 -0.32	36.57 2.12 -0.45	41.98 2.29 -7.89	47.66 2.69 -8.12	60.75 3.32 -12.52	66.46 4.22 -0.26	71.57 4.43 0.00	56.87 3.42 -0.12	43.81 2.63 -0.05	38.10 2.05 0.00
CRICKET__VALLEY_CC2 323757	40.56 2.04 0.00	38.27 2.03 0.00	35.86 1.80 0.00	35.16 1.67 0.00	36.73 1.78 0.00	42.48 2.29 0.00	55.36 3.03 0.00	53.35 2.83 0.00	43.67 2.43 0.00	36.18 2.08 0.00	35.44 2.23 0.00	34.72 2.27 0.00	33.95 2.28 -0.04	33.70 2.33 -0.26	34.26 2.09 -0.32	36.57 2.12 -0.45	41.98 2.29 -7.89	47.66 2.69 -8.12	60.75 3.32 -12.52	66.46 4.22 -0.26	71.57 4.43 0.00	56.87 3.42 -0.12	43.81 2.63 -0.05	38.10 2.05 0.00
CRICKET__VALLEY_CC3 323758	40.56 2.04 0.00	38.27 2.03 0.00	35.86 1.80 0.00	35.16 1.67 0.00	36.73 1.78 0.00	42.48 2.29 0.00	55.36 3.03 0.00	53.35 2.83 0.00	43.67 2.43 0.00	36.18 2.08 0.00	35.44 2.23 0.00	34.72 2.27 0.00	33.95 2.28 -0.04	33.70 2.33 -0.26	34.26 2.09 -0.32	36.57 2.12 -0.45	41.98 2.29 -7.89	47.66 2.69 -8.12	60.75 3.32 -12.52	66.46 4.22 -0.26	71.57 4.43 0.00	56.87 3.42 -0.12	43.81 2.63 -0.05	38.10 2.05 0.00
CRUCIBLE_METL_DRP 24180	38.40 -0.12 0.00	36.16 -0.07 0.00	33.95 -0.10 0.00	33.42 -0.07 0.00	34.91 -0.03 0.00	40.10 -0.08 0.00	52.80 -0.05 -0.53	50.27 -0.25 0.00	41.11 -0.12 0.00	33.97 -0.14 0.00	33.04 -0.17 0.00	32.22 -0.23 0.00	31.44 -0.19 0.00	30.91 -0.22 -0.02	28.75 -0.20 -0.30	30.02 -0.27 -0.38	32.14 -0.32 -0.66	37.13 -0.41 -0.68	43.24 -0.31 1.35	61.76 -0.25 -0.03	67.65 -0.27 -0.78	52.88 -0.37 0.07	40.73 -0.33 0.07	35.79 -0.25 0.00
DAHOWA__HYDRO 323763	40.95 2.43 0.00	38.63 2.39 0.00	36.23 2.18 0.00	35.60 2.11 0.00	37.19 2.24 0.00	42.84 2.65 0.00	55.88 3.56 0.00	53.40 2.88 0.00	43.26 2.02 0.00	35.47 1.37 0.00	34.47 1.26 0.00	33.59 1.14 0.00	32.68 1.04 -0.01	32.40 1.00 -0.30	33.69 0.94 -0.40	36.22 1.02 -5.29	42.42 1.43 -9.19	48.22 1.92 -9.45	59.81 2.47 -12.43	65.70 3.72 0.00	71.17 4.03 0.00	56.84 3.52 0.00	43.80 2.67 0.00	38.21 2.16 0.00
DANC__LFGE 323619	38.06 -0.46 0.00	35.73 -0.51 0.00	33.54 -0.51 0.00	32.99 -0.50 0.00	34.50 -0.46 0.00	39.54 -0.64 0.00	52.01 -0.31 0.00	49.87 -0.66 0.00	40.16 -1.07 0.00	33.25 -0.85 0.00	32.18 -1.03 0.00	31.41 -1.04 0.00	30.49 -1.14 -0.01	29.97 -1.15 -0.20	27.76 -1.09 -0.26	29.09 -1.08 -0.45	31.04 -1.21 -0.47	36.03 -1.29 0.42	43.63 -0.85 0.42	62.28 -0.31 -0.61	68.04 -0.13 -1.04	53.23 -0.32 -0.22	40.76 -0.41 -0.04	35.68 -0.36 0.00
DANSKAMMER__1 23586	41.02 2.50 0.00	38.77 2.54 0.00	36.30 2.25 0.00	35.56 2.08 0.00	37.19 2.24 0.00	43.04 2.85 0.00	56.14 3.82 0.00	54.11 3.59 0.00	44.21 2.97 0.00	36.49 2.39 0.00	35.70 2.49 0.00	34.95 2.50 0.00	34.10 2.44 -0.04	33.87 2.52 -0.25	34.36 2.29 -0.34	36.74 2.42 -0.44	42.07 2.61 -7.66	47.83 3.10 -7.88	61.24 3.95 -12.38	67.52 5.27 -0.28	72.78 5.64 0.00	57.67 4.21 -0.13	44.43 3.25 -0.05	38.57 2.52 0.00
DANSKAMMER__2 23589	41.02 2.50 0.00	38.77 2.54 0.00	36.30 2.25 0.00	35.56 2.08 0.00	37.19 2.24 0.00	43.04 2.85 0.00	56.14 3.82 0.00	54.11 3.59 0.00	44.21 2.97 0.00	36.49 2.39 0.00	35.70 2.49 0.00	34.95 2.50 0.00	34.10 2.44 -0.04	33.87 2.52 -0.25	34.36 2.29 -0.34	36.74 2.42 -0.44	42.07 2.61 -7.66	47.83 3.10 -7.88	61.24 3.95 -12.38	67.52 5.27 -0.28	72.78 5.64 0.00	57.67 4.21 -0.13	44.43 3.25 -0.05	38.57 2.52 0.00
DANSKAMMER__3 23590	41.02 2.50 0.00	38.77 2.54 0.00	36.30 2.25 0.00	35.56 2.08 0.00	37.19 2.24 0.00	43.04 2.85 0.00	56.14 3.82 0.00	54.11 3.59 0.00	44.21 2.97 0.00	36.49 2.39 0.00	35.70 2.49 0.00	34.95 2.50 0.00	34.10 2.44 -0.04	33.87 2.52 -0.25	34.36 2.29 -0.34	36.74 2.42 -0.44	42.07 2.61 -7.66	47.83 3.10 -7.88	61.24 3.95 -12.38	67.52 5.27 -0.28	72.78 5.64 0.00	57.67 4.21 -0.13	44.43 3.25 -0.05	38.57 2.52 0.00

DANSKAMMER___4 23591	41.02 2.50 0.00	38.77 2.54 0.00	36.30 2.25 0.00	35.56 2.08 0.00	37.19 2.24 0.00	43.04 2.85 0.00	56.14 3.82 0.00	54.11 3.59 0.00	44.21 2.97 0.00	36.49 2.39 0.00	35.70 2.49 0.00	34.95 2.50 0.00	34.10 2.44 -0.04	33.87 2.52 -0.25	34.36 2.29 -3.41	36.74 2.42 -4.41	42.07 2.61 -7.66	47.83 3.10 -7.88	61.24 3.95 -12.38	67.52 5.27 -0.28	72.78 5.64 0.00	57.67 4.21 -0.13	44.43 3.25 -0.05	38.57 2.52 0.00
DANSKAMMER___DIESEL 23592	41.06 2.54 0.00	38.59 2.36 0.00	36.30 2.25 0.00	35.63 2.14 0.00	37.19 2.24 0.00	43.04 2.85 0.00	56.04 3.72 0.00	54.06 3.54 0.00	44.12 2.89 0.00	36.49 2.39 0.00	35.70 2.49 0.00	34.95 2.50 0.00	34.10 2.44 -0.04	33.87 2.52 -0.25	34.36 2.29 -3.41	36.74 2.42 -4.42	42.07 2.61 -7.66	47.84 3.10 -7.89	58.67 3.95 -9.81	67.25 5.27 0.00	72.84 5.71 0.00	57.54 4.21 0.00	44.38 3.25 0.00	38.71 2.67 0.00
DARBY___SOLAR 323810	40.83 2.31 0.00	38.52 2.28 0.00	36.13 2.08 0.00	35.50 2.01 0.00	37.08 2.13 0.00	42.72 2.53 0.00	55.68 3.35 0.00	53.25 2.73 0.00	43.17 1.94 0.00	35.40 1.30 0.00	34.40 1.19 0.00	33.52 1.07 0.00	32.65 1.01 -0.02	32.37 0.97 -0.30	33.66 0.92 -4.09	36.21 1.02 -5.28	42.37 1.40 -9.17	48.17 1.88 -9.44	59.70 2.38 -12.41	65.57 3.59 0.00	70.96 3.82 0.00	56.69 3.36 0.00	43.68 2.55 0.00	38.13 2.09 0.00
DASHVILLE___HYD 23610	40.87 2.35 0.00	38.41 2.17 0.00	36.13 2.08 0.00	35.50 2.01 0.00	37.05 2.10 0.00	42.84 2.65 0.00	55.78 3.45 0.00	53.71 3.18 0.00	43.79 2.56 0.00	36.22 2.11 0.00	35.40 2.19 0.00	34.66 2.21 0.00	33.84 2.18 -0.03	33.60 2.24 -0.25	33.90 1.78 -3.47	36.28 1.88 -4.49	41.60 2.00 -7.80	47.27 2.40 -8.02	57.94 3.05 -9.98	66.63 4.65 0.00	72.11 4.97 0.00	57.06 3.73 0.00	44.05 2.92 0.00	38.46 2.41 0.00
DELAWARE___LFGE 323621	39.91 1.39 -0.01	37.55 1.30 -0.01	35.32 1.26 -0.01	34.67 1.17 -0.01	36.22 1.26 -0.01	41.76 1.57 -0.01	57.08 3.72 -1.04	53.31 2.78 0.00	42.56 1.32 -0.01	35.00 0.89 -0.01	33.75 0.53 -0.01	32.81 0.36 -0.01	31.86 0.22 -0.01	31.63 0.47 -0.06	29.77 0.40 -0.72	31.40 0.66 -0.83	33.92 0.67 -1.45	39.56 1.22 -1.49	55.13 1.98 -8.24	66.03 2.85 -1.20	70.66 3.09 -0.43	56.17 2.29 -0.55	43.09 1.77 -0.20	37.53 1.48 -0.01
DERFIELD_115KV_TB7 355931	38.71 0.19 0.00	36.42 0.18 0.00	34.26 0.20 0.00	33.65 0.17 0.00	35.13 0.17 0.00	40.39 0.20 0.00	52.59 0.26 0.00	50.68 0.15 0.00	41.36 0.12 0.00	34.17 0.07 0.00	33.31 0.10 0.00	32.52 0.06 0.00	31.69 0.06 0.00	31.17 0.06 0.00	28.71 0.06 0.00	29.97 0.06 0.00	31.86 0.06 0.00	36.97 0.11 0.00	45.18 0.27 0.00	62.35 0.37 0.00	67.54 0.40 0.00	53.65 0.32 0.00	41.42 0.29 0.00	36.26 0.22 0.00
DOGLEVILLE___HYD 23807	39.87 1.35 0.00	37.47 1.23 0.00	35.24 1.19 0.00	34.66 1.17 0.00	36.21 1.26 0.00	41.67 1.49 0.00	54.36 2.04 0.00	52.29 1.77 0.00	42.39 1.15 0.00	34.92 0.82 0.00	33.84 0.63 0.00	33.00 0.55 0.00	32.04 0.41 0.00	31.51 0.40 0.00	28.91 0.26 0.00	30.20 0.30 0.00	32.09 0.29 0.00	37.26 0.41 0.00	45.76 0.85 0.00	63.77 1.80 0.00	69.35 2.22 0.00	55.09 1.76 0.00	42.48 1.36 0.00	37.27 1.23 0.00
DUNKIRK___115KV_TB_200 55889	36.23 -2.27 0.02	34.34 -1.88 0.02	32.16 -1.87 0.02	31.63 -1.84 0.02	32.91 -2.03 0.02	37.68 -2.49 0.02	46.93 -3.40 1.99	47.07 -3.44 0.02	38.95 -2.27 0.02	32.07 -2.01 0.02	31.04 -2.16 0.02	30.03 -2.40 0.02	29.30 -2.31 0.02	28.74 -2.36 0.01	26.54 -2.26 -0.16	27.93 -2.45 -0.48	29.92 -2.70 -0.83	34.68 -3.02 -0.85	35.98 -2.60 6.32	54.75 -3.72 3.51	61.16 -4.10 1.88	48.59 -3.04 1.70	38.38 -2.14 0.61	34.15 -1.87 0.02
DUNKIRK___1 23563	36.23 -2.27 0.02	34.34 -1.88 0.02	32.16 -1.87 0.02	31.63 -1.84 0.02	32.91 -2.03 0.02	37.68 -2.49 0.02	46.93 -3.40 1.99	47.07 -3.44 0.02	38.95 -2.27 0.02	32.07 -2.01 0.02	31.04 -2.16 0.02	30.03 -2.40 0.02	29.30 -2.31 0.02	28.74 -2.36 0.01	26.54 -2.26 -0.16	27.93 -2.45 -0.48	29.92 -2.70 -0.83	34.68 -3.02 -0.85	35.98 -2.60 6.32	54.75 -3.72 3.51	61.16 -4.10 1.88	48.59 -3.04 1.70	38.38 -2.14 0.61	34.15 -1.87 0.02
DUNKIRK___2 23564	36.23 -2.27 0.02	34.34 -1.88 0.02	32.16 -1.87 0.02	31.63 -1.84 0.02	32.91 -2.03 0.02	37.68 -2.49 0.02	46.93 -3.40 1.99	47.07 -3.44 0.02	38.95 -2.27 0.02	32.07 -2.01 0.02	31.04 -2.16 0.02	30.03 -2.40 0.02	29.30 -2.31 0.02	28.74 -2.36 0.01	26.54 -2.26 -0.16	27.93 -2.45 -0.48	29.92 -2.70 -0.83	34.68 -3.02 -0.85	35.98 -2.60 6.32	54.75 -3.72 3.51	61.16 -4.10 1.88	48.59 -3.04 1.70	38.38 -2.14 0.61	34.15 -1.87 0.02
DUNKIRK___3 23565	36.04 -2.47 0.02	34.15 -2.07 0.02	31.99 -2.04 0.02	31.46 -2.01 0.02	32.73 -2.20 0.02	37.47 -2.69 0.02	46.68 -3.66 1.98	46.77 -3.74 0.02	38.70 -2.52 0.02	31.87 -2.22 0.02	30.87 -2.32 0.02	29.87 -2.56 0.02	29.14 -2.47 0.02	28.64 -2.46 0.01	26.46 -2.35 -0.16	27.90 -2.48 -0.47	29.86 -2.77 -0.82	34.64 -3.06 -0.85	35.87 -2.74 6.30	54.43 -4.03 3.51	60.83 -4.43 1.88	48.32 -3.31 1.70	38.17 -2.34 0.61	33.97 -2.05 0.02
DUNKIRK___4 23566	36.04 -2.47 0.02	34.15 -2.07 0.02	31.99 -2.04 0.02	31.46 -2.01 0.02	32.73 -2.20 0.02	37.47 -2.69 0.02	46.68 -3.66 1.98	46.77 -3.74 0.02	38.70 -2.52 0.02	31.87 -2.22 0.02	30.87 -2.32 0.02	29.87 -2.56 0.02	29.14 -2.47 0.02	28.64 -2.46 0.01	26.46 -2.35 -0.16	27.90 -2.48 -0.47	29.86 -2.77 -0.82	34.64 -3.06 -0.85	35.87 -2.74 6.30	54.43 -4.03 3.51	60.83 -4.43 1.88	48.32 -3.31 1.70	38.17 -2.34 0.61	33.97 -2.05 0.02
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	41.14 2.62 0.00	38.63 2.39 0.00	36.40 2.35 0.00	35.66 2.18 0.00	37.26 2.31 0.00	43.12 2.93 0.00	56.14 3.82 0.00	54.32 3.79 0.00	44.45 3.22 0.00	36.93 2.83 0.00	36.17 2.96 0.00	35.50 3.05 0.00	34.68 3.00 -0.04	34.44 3.08 -0.25	34.88 2.84 -3.39	37.19 2.90 -4.38	42.43 3.02 -7.61	48.22 3.54 -7.83	59.00 4.36 -9.74	67.56 5.58 0.00	73.05 5.91 0.00	57.75 4.43 0.00	44.50 3.37 0.00	38.85 2.81 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.95 2.43 0.00	38.49 2.25 0.00	36.20 2.15 0.00	35.53 2.04 0.00	37.08 2.13 0.00	42.92 2.73 0.00	55.88 3.56 0.00	53.96 3.44 0.00	44.04 2.80 0.00	36.46 2.35 0.00	35.63 2.42 0.00	34.92 2.47 0.00	34.07 2.40 -0.04	33.84 2.49 -0.24	34.29 2.29 -3.35	36.63 2.39 -4.33	41.82 2.51 -7.51	47.61 3.02 -7.73	58.34 3.82 -9.62	67.06 5.08 0.00	72.58 5.44 0.00	57.38 4.05 0.00	44.21 3.08 0.00	38.60 2.56 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	41.26 2.73 0.00	38.70 2.46 0.00	36.57 2.52 0.00	35.80 2.31 0.00	37.36 2.41 0.00	43.00 2.81 0.00	55.88 3.56 0.00	54.06 3.54 0.00	44.29 3.05 0.00	36.90 2.80 0.00	36.17 2.96 0.00	35.53 3.08 0.00	34.73 3.07 -0.04	34.50 3.14 -0.25	34.90 2.87 -3.39	37.19 2.90 -4.38	42.33 2.93 -7.61	48.11 3.43 -7.83	58.91 4.27 -9.74	67.43 5.45 0.00	72.84 5.71 0.00	57.54 4.21 0.00	44.34 3.21 0.00	38.85 2.81 0.00

E179THST_13_KV_LOAD 356214	41.41 2.89 0.00	38.85 2.61 0.00	36.71 2.66 0.00	35.90 2.41 0.00	37.47 2.52 0.00	43.16 2.97 0.00	56.09 3.77 0.00	54.32 3.79 0.00	44.45 3.22 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.66 3.21 0.00	34.86 3.19 -0.04	34.62 3.27 -0.25	35.02 2.98 -3.39	37.31 3.02 -4.38	42.46 3.05 -7.61	48.26 3.57 -7.83	59.14 4.49 -9.74	67.74 5.76 0.00	73.11 5.98 0.00	57.75 4.43 0.00	44.50 3.37 0.00	39.00 2.96 0.00
EAST HAMPTON___GT 23717	41.11 2.58 -0.01	39.03 2.79 0.00	36.65 2.59 -0.01	35.63 2.15 0.00	37.61 2.65 -0.01	43.93 3.74 -0.01	57.24 4.92 0.00	55.83 5.30 0.00	45.94 4.70 -0.01	38.17 4.06 -0.01	37.60 4.38 -0.01	37.04 4.58 -0.01	36.07 4.39 -0.05	35.63 4.26 -0.26	36.11 4.07 -3.39	38.42 4.13 -4.39	45.54 4.29 -9.45	57.31 4.64 -15.81	62.46 5.21 -12.34	68.90 6.63 -0.29	73.79 6.65 -0.01	58.32 4.85 -0.14	44.85 3.66 -0.06	38.90 2.85 -0.01
EAST RIVER___6 23660	41.33 2.81 0.00	38.99 2.75 0.00	36.57 2.52 0.00	35.77 2.28 0.00	37.40 2.45 0.00	43.32 3.14 0.00	56.51 4.19 0.00	54.67 4.14 0.00	44.78 3.55 0.00	37.24 3.14 0.00	36.50 3.29 0.00	35.83 3.37 0.00	35.03 3.35 -0.05	34.82 3.45 -0.27	35.20 3.15 -3.40	37.49 3.20 -4.38	42.71 3.31 -7.60	48.54 3.87 -7.82	62.05 4.81 -12.33	68.46 6.20 -0.28	73.58 6.45 0.00	58.26 4.80 -0.13	44.80 3.62 -0.05	38.86 2.81 0.00
EAST RIVER___7 23524	41.33 2.81 0.00	38.99 2.75 0.00	36.57 2.52 0.00	35.77 2.28 0.00	37.40 2.45 0.00	43.32 3.14 0.00	56.51 4.19 0.00	54.67 4.14 0.00	44.78 3.55 0.00	37.24 3.14 0.00	36.50 3.29 0.00	35.83 3.37 0.00	35.03 3.35 -0.05	34.82 3.45 -0.27	35.20 3.15 -3.40	37.49 3.20 -4.38	42.71 3.31 -7.60	48.54 3.87 -7.82	62.05 4.81 -12.33	68.46 6.20 -0.28	73.58 6.45 0.00	58.26 4.80 -0.13	44.80 3.62 -0.05	38.86 2.81 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	41.10 2.58 0.00	38.59 2.36 0.00	36.33 2.28 0.00	35.63 2.14 0.00	37.19 2.24 0.00	43.04 2.85 0.00	56.04 3.72 0.00	54.16 3.64 0.00	44.33 3.09 0.00	36.83 2.73 0.00	36.07 2.86 0.00	35.37 2.92 0.00	34.54 2.88 -0.04	34.30 2.96 -0.24	34.76 2.72 -3.38	37.06 2.78 -4.38	42.29 2.89 -7.60	48.10 3.43 -7.82	58.86 4.22 -9.73	67.43 5.45 0.00	72.84 5.71 0.00	57.59 4.27 0.00	44.42 3.29 0.00	38.78 2.74 0.00
EAST_HAMPTON___DIESEL 23722	41.03 2.50 -0.01	38.96 2.72 0.00	36.58 2.52 -0.01	35.56 2.08 0.00	37.55 2.59 -0.01	43.85 3.66 -0.01	57.19 4.87 0.00	55.78 5.25 0.00	45.90 4.66 -0.01	38.17 4.06 -0.01	37.57 4.35 -0.01	37.04 4.58 -0.01	36.07 4.39 -0.05	35.63 4.26 -0.26	36.09 4.04 -3.39	38.42 4.13 -4.39	45.51 4.26 -9.45	57.27 4.61 -15.81	62.37 5.12 -12.34	68.83 6.57 -0.29	73.73 6.58 -0.01	58.21 4.74 -0.14	44.76 3.58 -0.06	38.83 2.78 -0.01
EAST_POINT___SOLAR 323840	40.68 2.16 0.00	38.38 2.14 0.00	35.99 1.94 0.00	35.39 1.91 0.00	37.01 2.06 0.00	42.76 2.57 0.00	55.65 3.03 -0.29	51.08 0.56 0.00	40.33 -0.91 0.00	32.84 -1.26 0.00	31.78 -1.43 0.00	30.93 -1.52 0.00	30.18 -1.45 -0.01	30.30 -1.12 -0.32	32.06 -0.94 -4.35	34.80 -0.81 -5.70	40.99 -0.70 -9.89	47.03 -0.07 -10.25	61.21 1.30 -15.00	65.83 3.59 -0.26	71.57 4.43 0.00	56.91 3.46 -0.12	43.89 2.71 -0.05	38.10 2.05 0.00
EAST_PULASKI___ESR 323781	38.02 -0.50 0.00	35.73 -0.51 0.00	33.61 -0.44 0.00	33.05 -0.44 0.00	34.53 -0.42 0.00	39.58 -0.60 0.00	51.75 -0.57 0.00	49.67 -0.86 0.00	40.37 -0.87 0.00	33.42 -0.68 0.00	32.45 -0.76 0.00	31.71 -0.75 0.00	30.84 -0.79 0.00	30.31 -0.81 -0.02	28.13 -0.75 -0.22	29.39 -0.81 -0.29	31.36 -0.95 -0.51	36.27 -1.10 -0.52	43.64 -0.99 0.28	62.59 -0.93 -1.54	68.10 -0.87 -1.84	53.11 -0.86 -0.64	40.60 -0.70 -0.17	35.50 -0.54 0.00
EAST_RIVER___1 323558	41.33 2.81 0.00	38.99 2.75 0.00	36.54 2.48 0.00	35.77 2.28 0.00	37.40 2.45 0.00	43.28 3.09 0.00	56.46 4.13 0.00	54.57 4.04 0.00	44.70 3.46 0.00	37.14 3.03 0.00	36.40 3.19 0.00	35.73 3.28 0.00	34.93 3.26 -0.05	34.73 3.36 -0.27	35.08 3.04 -3.40	37.39 3.11 -4.38	42.61 3.21 -7.60	48.44 3.76 -7.82	61.91 4.67 -12.33	68.27 6.01 -0.28	73.38 6.24 0.00	58.15 4.69 -0.13	44.72 3.54 -0.05	38.86 2.81 0.00
EAST_RIVER___2 323559	41.33 2.81 0.00	38.99 2.75 0.00	36.57 2.52 0.00	35.77 2.28 0.00	37.40 2.45 0.00	43.32 3.14 0.00	56.51 4.19 0.00	54.67 4.14 0.00	44.78 3.55 0.00	37.24 3.14 0.00	36.50 3.29 0.00	35.83 3.37 0.00	35.03 3.35 -0.05	34.82 3.45 -0.27	35.20 3.15 -3.40	37.49 3.20 -4.38	42.71 3.31 -7.60	48.54 3.87 -7.82	62.05 4.81 -12.33	68.46 6.20 -0.28	73.58 6.45 0.00	58.26 4.80 -0.13	44.80 3.62 -0.05	38.86 2.81 0.00
EAST___DELAWARE_HYD 23607	41.22 2.70 0.00	38.96 2.72 0.00	36.47 2.42 0.00	35.77 2.28 0.00	37.40 2.45 0.00	43.32 3.14 0.00	56.90 4.29 -0.28	54.52 3.99 0.00	44.45 3.22 0.00	36.63 2.52 0.00	35.77 2.56 0.00	34.95 2.50 0.00	34.09 2.44 -0.03	33.85 2.52 -0.23	34.07 2.32 -3.09	36.38 2.48 -4.00	41.38 2.64 -6.94	47.20 3.20 -7.14	61.05 4.09 -12.05	67.93 5.64 -0.31	73.31 6.11 -0.06	57.95 4.48 -0.15	44.59 3.41 -0.06	38.75 2.70 0.00
EIGHT_POINT___WT_PWR 323820	36.88 -1.62 0.03	34.98 -1.23 0.03	32.70 -1.33 0.03	32.15 -1.31 0.03	33.70 -1.22 0.03	38.79 -1.37 0.03	49.59 -1.68 1.06	47.65 -2.83 0.05	38.93 -2.27 0.04	31.81 -2.25 0.04	30.69 -2.49 0.03	29.65 -2.76 0.04	28.93 -2.66 0.04	28.30 -2.77 0.04	26.04 -2.61 0.00	27.18 -2.57 0.15	28.71 -2.83 0.26	32.75 -2.95 1.15	32.79 -2.38 9.74	55.49 -2.91 3.58	62.20 -3.29 1.65	48.98 -2.61 1.73	38.43 -2.06 0.64	33.92 -2.09 0.03
ELBRIDGE_115KV_TB2 80188	38.17 -0.35 0.00	35.95 -0.29 0.00	33.78 -0.27 0.00	33.22 -0.27 0.00	34.70 -0.24 0.00	39.82 -0.36 0.00	52.61 -0.42 -0.71	49.92 -0.61 0.00	40.82 -0.41 0.00	33.76 -0.34 0.00	32.81 -0.40 0.00	32.00 -0.45 0.00	31.22 -0.41 0.00	30.69 -0.44 -0.02	28.53 -0.43 -0.31	29.83 -0.48 -0.40	31.95 -0.54 -0.69	36.87 -0.70 -0.71	42.83 -0.54 1.54	61.29 -0.68 0.00	67.25 -0.67 -0.78	52.55 -0.69 0.09	40.48 -0.58 0.07	35.57 -0.47 0.00
ELEC_TRO_TEK 24086	41.77 3.24 -0.02	39.21 2.97 0.00	36.86 2.79 -0.02	36.27 2.78 0.00	37.83 2.87 -0.02	43.74 3.54 -0.02	56.88 4.55 0.00	55.02 4.50 0.00	45.04 3.79 -0.02	37.43 3.31 -0.02	36.55 3.32 -0.02	35.84 3.37 -0.02	34.93 3.26 -0.05	34.57 3.20 -0.26	35.14 3.09 -3.39	37.50 3.20 -4.40	45.91 3.31 -10.81	62.37 3.87 -21.65	59.38 4.72 -9.75	68.00 6.01 -0.02	73.60 6.45 -0.02	58.25 4.91 -0.02	45.01 3.87 -0.02	39.30 3.24 -0.02
ELLENBURG_WT_PWR 323604	37.94 -0.58 0.00	35.70 -0.54 0.00	33.40 -0.65 0.00	32.92 -0.57 0.00	34.29 -0.67 0.00	39.54 -0.64 0.00	51.43 -0.89 0.00	49.46 -1.06 0.00	40.12 -1.11 0.00	33.18 -0.92 0.00	32.25 -0.96 0.00	31.58 -0.87 0.00	30.74 -0.89 0.00	30.27 -0.84 0.00	27.91 -0.75 0.00	29.16 -0.75 0.00	31.04 -0.76 0.00	35.93 -0.92 0.00	44.05 -0.85 0.00	60.98 -0.99 0.00	66.13 -1.01 0.00	52.69 -0.64 0.00	40.47 -0.66 0.00	35.47 -0.58 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.46 -3.04 0.02	33.65 -2.57 0.02	31.51 -2.52 0.02	31.06 -2.41 0.02	32.28 -2.66 0.02	36.59 -3.58 0.02	45.25 -4.81 2.26	45.66 -4.85 0.02	38.09 -3.13 0.02	31.43 -2.66 0.02	30.37 -2.82 0.01	29.38 -3.05 0.02	28.70 -2.91 0.02	28.12 -2.99 0.00	25.97 -2.84 -0.16	27.40 -2.96 -0.46	29.31 -3.28 -0.79	33.98 -3.69 -0.81	35.29 -3.68 5.94	53.01 -5.45 3.51	59.43 -5.84 1.87	47.10 -4.53 1.70	37.35 -3.17 0.61	33.29 -2.74 0.02
EMPIRE_CC_1 323656	40.29 1.77 0.00	38.01 1.78 0.00	35.65 1.60 0.00	35.03 1.54 0.00	36.59 1.64 0.00	42.04 1.85 0.00	54.73 2.41 0.00	52.60 2.07 0.00	42.89 1.65 0.00	35.40 1.30 0.00	34.54 1.33 0.00	33.72 1.26 0.00	32.91 1.23 -0.05	32.54 1.15 -0.28	33.59 1.06 -3.88	36.05 1.14 -5.01	41.83 1.34 -8.70	47.47 1.66 -8.95	60.11 2.11 -13.09	65.04 2.85 -0.21	70.02 2.88 0.00	55.99 2.56 -0.10	43.22 2.06 -0.04	37.77 1.73 0.00
EMPIRE_CC_2 323658	40.29 1.77 0.00	38.01 1.78 0.00	35.65 1.60 0.00	35.03 1.54 0.00	36.59 1.64 0.00	42.04 1.85 0.00	54.73 2.41 0.00	52.60 2.07 0.00	42.89 1.65 0.00	35.40 1.30 0.00	34.54 1.33 0.00	33.72 1.26 0.00	32.91 1.23 -0.05	32.54 1.15 -0.28	33.59 1.06 -3.88	36.05 1.14 -5.01	41.83 1.34 -8.70	47.47 1.66 -8.95	60.11 2.11 -13.09	65.04 2.85 -0.21	70.02 2.88 0.00	55.99 2.56 -0.10	43.22 2.06 -0.04	37.77 1.73 0.00
ENORWICH_115KV_TB1 80156	40.49 1.96 0.00	38.16 1.92 0.00	35.73 1.67 0.00	35.10 1.61 0.00	36.77 1.82 0.00	42.40 2.21 0.00	57.59 3.98 -1.29	53.63 3.08 -0.02	42.70 1.44 -0.02	35.01 0.89 -0.02	33.62 0.40 -0.01	32.70 0.23 -0.02	31.71 0.06 -0.02	31.48 0.28 -0.10	30.01 0.23 -1.13	31.57 0.48 -1.19	34.40 0.54 -2.06	40.19 1.22 -2.12	52.41 2.43 -5.07	66.61 4.59 -0.05	72.39 5.10 -0.15	56.88 3.57 0.02	43.54 2.43 0.01	38.03 1.98 0.00
ERIE_ST__34_KV_TB1-2 80199	35.84 -2.66 0.02	33.94 -2.28 0.02	31.65 -2.38 0.02	31.06 -2.41 0.02	32.35 -2.59 0.02	37.43 -2.73 0.02	46.34 -3.72 2.27	45.96 -4.55 0.02	38.37 -2.85 0.02	31.63 -2.46 0.02	30.54 -2.66 0.02	29.51 -2.92 0.02	28.86 -2.75 0.02	28.24 -2.86 0.00	26.09 -2.72 -0.16	28.30 -2.06 -0.46	30.27 -2.32 -0.79	35.09 -2.58 -0.82	36.49 -2.25 6.18	55.09 -3.41 3.48	60.90 -4.36 1.87	48.81 -2.83 1.69	38.42 -2.10 0.61	34.08 -1.95 0.02
ERIE_WT_PWR 323693	35.65 -2.85 0.02	33.65 -2.57 0.02	31.62 -2.42 0.02	31.12 -2.35 0.02	32.38 -2.55 0.02	36.87 -3.29 0.02	45.56 -4.50 2.27	46.06 -4.45 0.02	38.29 -2.93 0.02	31.56 -2.52 0.02	30.51 -2.69 0.02	29.55 -2.89 0.02	28.86 -2.75 0.02	28.24 -2.86 0.00	26.14 -2.66 -0.16	27.14 -2.75 0.01	28.73 -3.05 0.02	32.88 -3.39 0.59	35.89 -3.23 5.79	53.69 -4.77 3.51	60.10 -5.17 1.87	47.68 -3.95 1.70	37.76 -2.76 0.61	33.50 -2.52 0.02
ESPRGFLD_115KV_TB1 80157	39.91 1.39 0.00	37.58 1.34 0.00	35.28 1.23 0.00	34.70 1.21 0.00	36.28 1.33 0.00	41.88 1.69 0.00	55.84 3.14 -0.38	52.50 1.97 0.00	41.78 0.54 0.00	34.21 0.10 0.00	32.98 -0.23 0.00	32.10 -0.36 0.00	31.20 -0.44 -0.01	30.87 -0.22 0.02	28.17 -0.20 0.29	29.52 0.03 0.42	31.08 0.00 0.72	36.70 0.59 0.74	48.79 1.57 -2.31	65.44 2.91 -0.55	70.53 3.29 -0.10	55.99 2.40 -0.26	43.08 1.85 -0.10	37.49 1.44 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.21 0.69 0.01	36.88 0.65 0.01	34.62 0.58 0.01	34.05 0.57 0.01	35.61 0.66 0.01	40.98 0.80 0.01	54.16 1.26 -0.58	51.34 0.76 -0.06	41.73 0.45 -0.04	34.38 0.24 -0.04	33.34 0.10 -0.03	32.46 -0.03 -0.04	31.63 -0.03 -0.04	31.19 -0.03 -0.11	29.69 -0.03 -1.07	30.63 -0.09 -0.82	33.19 -0.03 -1.42	38.46 0.15 -1.46	42.93 0.85 2.83	62.34 1.55 1.19	68.67 1.61 0.08	53.78 1.07 0.62	41.62 0.74 0.25	36.65 0.61 0.01
ETNA____115KV_TB2 80207	39.21 0.69 0.01	36.88 0.65 0.01	34.62 0.58 0.01	34.05 0.57 0.01	35.61 0.66 0.01	40.98 0.80 0.01	54.16 1.26 -0.58	51.34 0.76 -0.06	41.73 0.45 -0.04	34.38 0.24 -0.04	33.34 0.10 -0.03	32.46 -0.03 -0.04	31.63 -0.03 -0.04	31.19 -0.03 -0.11	29.69 -0.03 -1.07	30.63 -0.09 -0.82	33.19 -0.03 -1.42	38.46 0.15 -1.46	42.93 0.85 2.83	62.34 1.55 1.19	68.67 1.61 0.08	53.78 1.07 0.62	41.62 0.74 0.25	36.65 0.61 0.01
EUCLID___115KV_TB2 356179	38.10 -0.42 0.00	35.88 -0.36 0.00	33.71 -0.34 0.00	33.15 -0.33 0.00	34.64 -0.31 0.00	39.74 -0.44 0.00	52.15 -0.52 -0.35	49.82 -0.71 0.00	40.78 -0.45 0.00	33.73 -0.38 0.00	32.81 -0.40 0.00	32.00 -0.45 0.00	31.22 -0.41 0.00	30.69 -0.44 -0.02	28.51 -0.40 -0.26	29.76 -0.48 -0.33	31.83 -0.54 -0.57	36.74 -0.70 -0.59	42.73 -0.81 1.37	59.57 -1.05 1.35	65.81 -1.14 0.18	51.60 -1.01 0.71	40.03 -0.82 0.28	35.36 -0.68 0.00
E_CANADA_CAP_HY 24051	40.18 1.66 0.00	37.87 1.63 0.00	35.52 1.46 0.00	34.90 1.41 0.00	36.53 1.57 0.00	42.16 1.97 0.00	55.41 2.72 -0.37	51.74 1.21 0.00	41.19 -0.04 0.00	33.59 -0.51 0.00	32.48 -0.73 0.00	31.61 -0.84 0.00	30.78 -0.85 -0.01	30.75 -0.68 -0.33	32.56 -0.57 -4.48	35.39 -0.39 -5.88	41.62 -0.38 -10.20	47.60 0.15 -10.60	61.97 1.26 -15.81	65.07 2.79 -0.31	70.36 3.16 -0.07	55.92 2.45 -0.14	43.28 2.10 -0.05	37.63 1.58 0.00
E_CANADA_MHWK_HY 24050	39.87 1.35 0.00	37.47 1.23 0.00	35.24 1.19 0.00	34.66 1.17 0.00	36.21 1.26 0.00	41.67 1.49 0.00	54.36 2.04 0.00	52.29 1.77 0.00	42.39 1.15 0.00	34.92 0.82 0.00	33.84 0.63 0.00	33.00 0.55 0.00	32.04 0.41 0.00	31.48 0.37 0.00	28.91 0.26 0.00	30.20 0.30 0.00	32.09 0.29 0.00	37.26 0.41 0.00	45.76 0.85 0.00	63.78 1.80 0.00	69.35 2.21 0.00	55.08 1.76 0.00	42.48 1.36 0.00	37.27 1.23 0.00
E_FISHKILL___LBMP 23776	40.75 2.23 0.00	38.27 2.03 0.00	36.03 1.98 0.00	35.36 1.88 0.00	36.91 1.96 0.00	42.68 2.49 0.00	55.52 3.19 0.00	53.61 3.08 0.00	43.83 2.60 0.00	36.35 2.25 0.00	35.60 2.39 0.00	34.88 2.43 0.00	34.07 2.40 -0.04	33.82 2.46 -0.25	34.38 2.26 -3.46	36.68 2.30 -4.47	42.01 2.45 -7.77	47.72 2.87 -7.99	58.40 3.55 -9.94	66.56 4.59 0.00	71.97 4.83 0.00	57.01 3.68 0.00	43.97 2.84 0.00	38.42 2.38 0.00
FALCON___SEABRD_CC1 323796	38.33 -0.19 0.00	36.06 -0.18 0.00	33.74 -0.31 0.00	33.25 -0.23 0.00	34.64 -0.32 0.00	39.99 -0.20 0.00	52.06 -0.26 0.00	50.02 -0.51 0.00	40.53 -0.70 0.00	33.52 -0.58 0.00	32.51 -0.70 0.00	31.87 -0.58 0.00	31.03 -0.60 0.00	30.55 -0.56 0.00	28.14 -0.51 0.00	29.46 -0.45 0.00	31.35 -0.45 0.00	36.30 -0.55 0.00	44.55 -0.36 0.00	61.79 -0.19 0.00	66.94 -0.20 0.00	53.33 0.00 0.00	40.92 -0.20 0.00	35.83 -0.21 0.00
FALCON___SEABRD_CC2 323797	38.33 -0.19 0.00	36.06 -0.18 0.00	33.74 -0.31 0.00	33.25 -0.23 0.00	34.64 -0.32 0.00	39.99 -0.20 0.00	52.06 -0.26 0.00	50.02 -0.51 0.00	40.53 -0.70 0.00	33.52 -0.58 0.00	32.51 -0.70 0.00	31.87 -0.58 0.00	31.03 -0.60 0.00	30.55 -0.56 0.00	28.14 -0.51 0.00	29.46 -0.45 0.00	31.35 -0.45 0.00	36.30 -0.55 0.00	44.55 -0.36 0.00	61.79 -0.19 0.00	66.94 -0.20 0.00	53.33 0.00 0.00	40.92 -0.20 0.00	35.83 -0.21 0.00

FAR ROCKAWAY___4 23548	42.20 3.66 -0.02	39.61 3.37 0.00	37.27 3.20 -0.02	36.60 3.11 0.00	38.22 3.25 -0.02	44.18 3.98 -0.02	57.35 5.02 0.00	55.53 5.00 0.00	45.46 4.21 -0.02	37.77 3.65 -0.02	36.91 3.69 -0.02	36.20 3.73 -0.02	35.25 3.57 -0.05	34.91 3.55 -0.26	35.46 3.41 -0.39	37.83 3.53 -0.40	46.38 3.66 -10.92	63.23 4.24 -22.13	59.96 5.30 -9.75	68.81 6.82 -0.02	74.47 7.32 -0.02	58.94 5.60 -0.02	45.50 4.36 -0.02	39.74 3.68 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	41.33 2.81 0.00	38.78 2.54 0.00	36.54 2.49 0.00	35.83 2.34 0.00	37.40 2.45 0.00	43.28 3.09 0.00	56.35 4.03 0.00	54.57 4.04 0.00	44.66 3.42 0.00	37.17 3.07 0.00	36.40 3.19 0.00	35.73 3.28 0.00	34.93 3.26 -0.05	34.70 3.33 -0.27	35.09 3.04 -0.340	37.40 3.11 -0.438	42.59 3.18 -0.761	48.44 3.76 -0.783	59.32 4.67 -0.974	67.99 6.01 0.00	73.45 6.31 0.00	58.02 4.69 0.00	44.66 3.54 0.00	39.03 2.99 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	41.33 2.81 0.00	38.78 2.54 0.00	36.54 2.49 0.00	35.83 2.34 0.00	37.40 2.45 0.00	43.28 3.09 0.00	56.35 4.03 0.00	54.52 3.99 0.00	44.66 3.42 0.00	37.14 3.04 0.00	36.40 3.19 0.00	35.73 3.28 0.00	34.93 3.26 -0.05	34.70 3.33 -0.27	35.09 3.04 -0.340	37.40 3.11 -0.438	42.59 3.18 -0.761	48.44 3.76 -0.783	59.32 4.67 -0.974	67.99 6.01 0.00	73.45 6.31 0.00	58.02 4.69 0.00	44.66 3.54 0.00	39.03 2.99 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	41.33 2.81 0.00	38.74 2.50 0.00	36.54 2.49 0.00	35.80 2.31 0.00	37.36 2.41 0.00	43.28 3.09 0.00	56.35 4.03 0.00	54.52 3.99 0.00	44.66 3.42 0.00	37.14 3.04 0.00	36.40 3.19 0.00	35.73 3.28 0.00	34.93 3.26 -0.05	34.70 3.33 -0.27	35.09 3.04 -0.340	37.40 3.11 -0.438	42.59 3.18 -0.761	48.40 3.72 -0.783	59.27 4.63 -0.974	67.93 5.95 0.00	73.38 6.24 0.00	57.97 4.64 0.00	44.66 3.54 0.00	39.03 2.99 0.00
FARRAGUT___LBMP 323566	41.29 2.77 0.00	38.74 2.50 0.00	36.50 2.45 0.00	35.80 2.31 0.00	37.36 2.41 0.00	43.24 3.05 0.00	56.30 3.98 0.00	54.47 3.94 0.00	44.62 3.38 0.00	37.10 3.00 0.00	36.36 3.15 0.00	35.70 3.25 0.00	34.90 3.23 -0.05	34.67 3.30 -0.27	35.06 3.01 -0.340	37.37 3.08 -0.438	42.55 3.15 -0.761	48.37 3.69 -0.783	59.23 4.58 -0.974	67.87 5.89 0.00	73.31 6.18 0.00	57.97 4.64 0.00	44.62 3.50 0.00	39.00 2.96 0.00
FARRCKWY_69_KV_BK2 55825	42.20 3.66 -0.02	39.61 3.37 0.00	37.27 3.20 -0.02	36.60 3.11 0.00	38.22 3.25 -0.02	44.18 3.98 -0.02	57.35 5.02 0.00	55.53 5.00 0.00	45.46 4.21 -0.02	37.77 3.65 -0.02	36.91 3.69 -0.02	36.20 3.73 -0.02	35.25 3.57 -0.05	34.91 3.55 -0.26	35.46 3.41 -0.39	37.83 3.53 -0.40	46.38 3.66 -10.92	63.23 4.24 -22.13	59.96 5.30 -9.75	68.81 6.82 -0.02	74.47 7.32 -0.02	58.94 5.60 -0.02	45.50 4.36 -0.02	39.74 3.68 -0.02
FENNER___WINDPWR 24204	39.14 0.61 0.00	36.82 0.58 0.00	34.56 0.51 0.00	33.99 0.50 0.00	35.54 0.59 0.00	40.87 0.68 0.00	53.92 1.15 -0.44	51.34 0.81 -0.01	41.66 0.41 -0.01	34.38 0.27 -0.01	33.38 0.17 -0.01	32.56 0.10 -0.01	31.67 0.03 -0.01	31.18 0.03 -0.04	29.13 0.03 -0.45	30.43 0.06 -0.47	32.67 0.06 -0.81	37.91 0.22 -0.83	45.04 0.76 0.63	62.76 1.49 0.70	68.84 1.68 -0.02	54.07 1.12 0.37	41.76 0.78 0.15	36.66 0.61 0.00
FIBERTEK___ENERGY 23856	38.40 -0.12 0.00	36.16 -0.07 0.00	33.95 -0.10 0.00	33.42 -0.07 0.00	34.91 -0.03 0.00	40.10 -0.08 0.00	52.80 -0.05 -0.53	50.27 -0.25 0.00	41.11 -0.12 0.00	33.97 -0.14 0.00	33.04 -0.17 0.00	32.22 -0.23 0.00	31.44 -0.19 0.00	30.91 -0.22 -0.02	28.75 -0.20 -0.30	30.02 -0.27 -0.38	32.14 -0.32 -0.66	37.13 -0.41 -0.68	43.24 -0.31 1.35	61.76 -0.25 -0.03	67.65 -0.27 -0.78	52.88 -0.37 0.07	40.73 -0.33 0.07	35.79 -0.25 0.00
FITZPATRICK___ 23598	37.40 -1.12 0.00	35.12 -1.12 0.00	33.10 -0.95 0.00	32.58 -0.90 0.00	34.01 -0.94 0.00	38.98 -1.20 0.00	50.81 -1.52 0.00	48.91 -1.62 0.00	40.00 -1.24 0.00	33.15 -0.95 0.00	32.25 -0.96 0.00	31.48 -0.97 0.00	30.68 -0.95 0.00	30.15 -0.96 -0.01	27.93 -0.89 -0.16	29.16 -0.96 -0.21	31.09 -1.08 -0.37	35.91 -1.33 -0.38	44.10 -1.48 -0.67	58.00 -2.04 1.93	60.89 -2.15 4.09	51.00 -1.81 0.51	39.73 -1.40 0.00	34.93 -1.12 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.10 2.58 0.00	38.63 2.39 0.00	36.33 2.28 0.00	35.66 2.18 0.00	37.22 2.27 0.00	43.12 2.93 0.00	56.14 3.82 0.00	54.16 3.64 0.00	44.16 2.93 0.00	36.52 2.42 0.00	35.70 2.49 0.00	34.95 2.50 0.00	34.13 2.47 -0.04	33.87 2.52 -0.25	34.40 2.32 -0.343	36.82 2.48 -0.443	42.13 2.64 -0.769	47.94 3.17 -0.91	58.75 4.00 -0.985	67.31 5.33 0.00	72.91 5.77 0.00	57.65 4.32 0.00	44.42 3.29 0.00	38.75 2.70 0.00
FORT ORANGE___ 23900	40.10 1.58 0.00	37.83 1.59 0.00	35.52 1.46 0.00	34.86 1.37 0.00	36.42 1.47 0.00	41.75 1.57 0.00	54.31 1.99 0.00	52.14 1.62 0.00	42.47 1.24 0.00	34.99 0.89 0.00	34.11 0.90 0.00	33.33 0.88 0.00	32.46 0.82 -0.02	32.11 0.72 -0.29	33.29 0.66 -0.398	35.80 0.75 -0.515	41.66 0.92 -0.894	47.26 1.21 -0.920	58.59 1.57 -12.11	64.27 2.29 0.00	69.49 2.35 0.00	55.35 2.03 0.00	42.85 1.73 0.00	37.59 1.55 0.00
FORT_DRUM_COGEN 23780	38.10 -0.42 0.00	35.80 -0.43 0.00	33.51 -0.54 0.00	32.92 -0.57 0.00	34.46 -0.49 0.00	39.62 -0.56 0.00	52.43 0.10 0.00	50.22 -0.30 0.00	40.00 -1.24 0.00	33.08 -1.02 0.00	31.95 -1.26 0.00	31.12 -1.33 0.00	30.08 -1.55 0.00	29.62 -1.49 -0.01	27.35 -1.46 -0.16	28.77 -1.35 -0.21	30.70 -1.46 -0.36	35.83 -1.40 -0.37	44.84 -0.54 -0.47	62.98 0.68 -0.32	68.89 1.07 -0.68	53.84 0.43 -0.09	41.17 0.04 0.00	35.93 -0.11 0.00
FOX_HILLS___ESR 323835	41.65 3.12 -0.01	39.33 3.08 -0.01	36.84 2.79 0.00	36.00 2.51 0.00	37.64 2.69 0.00	43.32 3.14 0.00	56.30 3.97 0.00	54.21 3.69 0.00	44.29 3.05 0.00	36.83 2.73 0.00	36.13 2.92 0.00	35.47 3.02 0.00	34.71 3.04 -0.05	34.48 3.11 -0.27	34.86 2.81 -0.340	37.16 2.87 -0.438	42.29 2.89 -0.760	48.14 3.46 -0.782	61.69 4.45 -12.33	67.90 5.64 -0.28	73.05 5.91 0.00	57.94 4.48 -0.13	44.67 3.49 -0.05	38.89 2.85 0.00
FPL_FAR_ROCK_GT1 24212	42.16 3.62 -0.02	39.75 3.51 0.00	37.27 3.20 -0.02	36.47 2.98 0.00	38.22 3.25 -0.02	44.14 3.94 -0.02	57.45 5.13 0.00	55.53 5.00 0.00	45.50 4.25 -0.02	37.77 3.65 -0.02	36.94 3.72 -0.02	36.20 3.73 -0.02	35.25 3.57 -0.05	34.91 3.54 -0.26	35.43 3.38 -0.39	37.80 3.50 -0.439	46.34 3.62 -10.92	63.22 4.24 -22.13	62.56 5.30 -12.35	69.09 6.82 -0.30	74.41 7.25 -0.02	59.07 5.60 -0.15	45.55 4.36 -0.07	39.59 3.53 -0.02
FPL_FAR_ROCK_GT2 23815	42.16 3.62 -0.02	39.75 3.51 0.00	37.27 3.20 -0.02	36.47 2.98 0.00	38.22 3.25 -0.02	44.14 3.94 -0.02	57.45 5.13 0.00	55.53 5.00 0.00	45.50 4.25 -0.02	37.77 3.65 -0.02	36.94 3.72 -0.02	36.20 3.73 -0.02	35.25 3.57 -0.05	34.91 3.54 -0.26	35.43 3.38 -0.39	37.80 3.50 -0.439	46.34 3.62 -10.92	63.22 4.24 -22.13	62.56 5.30 -12.35	69.09 6.82 -0.30	74.41 7.25 -0.02	59.07 5.60 -0.15	45.55 4.36 -0.07	39.59 3.53 -0.02



FRANKLIN_FALL_HYD 24054	38.29 -0.23 0.00	35.99 -0.25 0.00	33.71 -0.34 0.00	33.22 -0.27 0.00	34.64 -0.31 0.00	40.07 -0.12 0.00	52.43 0.10 0.00	50.17 -0.35 0.00	40.62 -0.62 0.00	33.56 -0.55 0.00	32.51 -0.70 0.00	31.90 -0.55 0.00	31.06 -0.57 0.00	30.51 -0.59 0.00	28.14 -0.52 0.00	29.46 -0.45 0.00	31.39 -0.41 0.00	36.30 -0.55 0.00	44.64 -0.27 0.00	61.98 0.00 0.00	67.14 0.00 0.00	53.49 0.16 0.00	40.96 -0.16 0.00	35.86 -0.18 0.00
FREEPORT_EQUS_GT1 23764	42.00 3.47 -0.01	39.61 3.37 0.00	37.13 3.07 -0.01	36.33 2.84 0.00	38.07 3.11 -0.01	44.02 3.82 -0.01	57.30 4.97 0.00	55.38 4.85 0.00	45.37 4.12 -0.01	37.63 3.51 -0.01	36.81 3.59 -0.01	36.06 3.60 -0.01	35.12 3.45 -0.05	34.79 3.42 -0.26	35.31 3.27 -0.39	37.70 3.41 -0.49	45.37 3.56 -10.01	59.22 4.13 -18.23	62.28 5.03 -12.35	68.72 6.45 -0.29	74.00 6.85 -0.01	58.80 5.33 -0.14	45.39 4.20 -0.06	39.44 3.39 -0.01
FREEPORT___CT2 23818	42.00 3.47 -0.01	39.61 3.37 0.00	37.13 3.07 -0.01	36.33 2.84 0.00	38.07 3.11 -0.01	44.02 3.82 -0.01	57.30 4.97 0.00	55.38 4.85 0.00	45.37 4.12 -0.01	37.63 3.51 -0.01	36.81 3.59 -0.01	36.06 3.60 -0.01	35.12 3.45 -0.05	34.79 3.42 -0.26	35.31 3.27 -0.39	37.70 3.41 -0.49	45.37 3.56 -10.01	59.22 4.13 -18.23	62.28 5.03 -12.35	68.72 6.45 -0.29	74.00 6.85 -0.01	58.80 5.33 -0.14	45.39 4.20 -0.06	39.44 3.39 -0.01
FRESHKLS_33_KV_LOAD 356253	41.76 3.24 -0.01	39.44 3.19 -0.01	36.88 2.82 0.00	36.07 2.58 0.00	37.68 2.73 0.00	43.32 3.14 0.00	56.30 3.97 0.00	54.21 3.69 0.00	44.24 3.01 0.00	36.80 2.69 0.00	36.10 2.89 0.00	35.43 2.98 0.00	34.65 2.97 -0.05	34.45 3.08 -0.27	34.83 2.78 -0.34	37.13 2.84 -0.48	42.29 2.89 -7.60	48.10 3.43 -7.82	61.69 4.45 -12.33	67.96 5.70 -0.28	73.05 5.91 0.00	57.99 4.53 -0.13	44.72 3.54 -0.05	38.93 2.88 0.00
FULTON COGEN____ 23766	37.79 -0.73 0.00	35.55 -0.69 0.00	33.41 -0.65 0.00	32.85 -0.64 0.00	34.32 -0.63 0.00	39.42 -0.76 0.00	51.38 -0.94 0.00	49.41 -1.11 0.00	40.41 -0.82 0.00	33.42 -0.68 0.00	32.55 -0.66 0.00	31.74 -0.71 0.00	30.93 -0.70 0.00	30.41 -0.72 -0.02	28.23 -0.66 -0.24	29.50 -0.72 -0.31	31.51 -0.83 -0.54	36.38 -1.03 -0.56	43.29 -1.17 0.45	62.61 -1.49 -2.12	68.03 -1.54 -2.44	52.82 -1.39 -0.88	40.26 -1.11 -0.24	35.11 -0.94 0.00
FULTON___LFGE 323630	40.48 1.96 0.00	38.16 1.92 0.00	35.79 1.74 0.00	35.19 1.71 0.00	36.80 1.85 0.00	42.48 2.29 0.00	55.58 2.98 -0.27	51.99 1.47 0.00	41.44 0.21 0.00	33.73 -0.37 0.00	32.65 -0.56 0.00	31.77 -0.68 0.00	30.94 -0.70 -0.01	30.86 -0.56 -0.31	32.55 -0.43 -0.42	35.35 -0.21 -0.56	41.55 -0.06 -0.91	47.50 0.48 -10.17	61.42 1.71 -14.81	65.70 3.47 -0.25	71.03 3.89 0.00	56.54 3.09 -0.12	43.60 2.43 -0.05	37.88 1.84 0.00
G.F.CEMENT___DRP 24184	41.14 2.62 0.00	38.78 2.54 0.00	36.40 2.35 0.00	35.83 2.34 0.00	37.40 2.45 0.00	43.12 2.93 0.00	56.14 3.82 0.00	53.71 3.18 0.00	43.46 2.23 0.00	35.60 1.50 0.00	34.57 1.36 0.00	33.65 1.20 0.00	32.75 1.11 -0.01	32.46 1.06 -0.30	33.76 1.00 -0.41	36.26 1.05 -0.53	42.52 1.49 -0.22	48.37 2.03 -0.49	59.39 2.69 -11.79	66.07 4.09 0.00	71.57 4.43 0.00	57.22 3.89 0.00	44.05 2.92 0.00	38.46 2.41 0.00
GARDENVILLE___LBMP 24039	35.58 -2.93 0.02	33.76 -2.46 0.02	31.58 -2.45 0.02	31.13 -2.34 0.02	32.35 -2.59 0.02	36.83 -3.34 0.02	45.58 -4.50 2.24	45.91 -4.60 0.02	38.21 -3.01 0.02	31.49 -2.59 0.02	30.47 -2.72 0.02	29.48 -2.95 0.02	28.80 -2.81 0.02	28.24 -2.86 0.00	26.08 -2.72 -0.15	27.53 -2.84 -0.46	29.48 -3.12 -0.80	34.18 -3.50 -0.82	35.42 -3.37 6.12	53.45 -5.02 3.51	59.76 -5.51 1.87	47.47 -4.16 1.70	37.60 -2.92 0.61	33.47 -2.56 0.02
GARDNVLA_35_KV_LD 355827	35.65 -2.85 0.02	33.83 -2.39 0.02	31.65 -2.38 0.02	31.16 -2.31 0.02	32.42 -2.52 0.02	36.95 -3.21 0.02	45.67 -4.40 2.26	46.06 -4.45 0.02	38.33 -2.89 0.02	31.60 -2.49 0.02	30.57 -2.62 0.02	29.58 -2.86 0.02	28.92 -2.69 0.02	28.36 -2.74 0.00	26.20 -2.61 -0.16	27.68 -2.69 -0.46	29.62 -2.99 -0.81	34.29 -3.39 -0.83	35.56 -3.23 6.11	53.70 -4.77 3.50	60.03 -5.24 1.87	47.74 -3.89 1.69	37.80 -2.71 0.61	33.61 -2.41 0.02
GELCKHM___115KV_LOAD 80723	38.21 -0.31 0.00	35.98 -0.25 0.00	33.78 -0.27 0.00	33.22 -0.27 0.00	34.74 -0.21 0.00	39.86 -0.32 0.00	52.25 -0.37 -0.29	49.97 -0.56 0.00	40.91 -0.33 0.00	33.83 -0.27 0.00	32.91 -0.30 0.00	32.09 -0.36 0.00	31.31 -0.32 -0.02	30.78 -0.34 -0.27	28.58 -0.34 -0.27	29.87 -0.39 -0.35	31.93 -0.48 -0.61	36.89 -0.59 -0.62	42.88 -0.63 1.40	60.27 -0.81 0.91	66.43 -0.81 -0.10	52.02 -0.80 0.51	40.26 -0.66 0.21	35.50 -0.54 0.00
GENERAL___MILLS 23808	35.61 -2.89 0.02	33.79 -2.43 0.02	31.62 -2.42 0.02	31.13 -2.34 0.02	32.38 -2.55 0.02	36.91 -3.26 0.02	45.62 -4.45 2.25	46.01 -4.50 0.02	38.25 -2.97 0.02	31.56 -2.52 0.02	30.54 -2.66 0.02	29.55 -2.89 0.02	28.86 -2.75 0.02	28.33 -2.77 0.00	26.17 -2.64 -0.16	27.65 -2.72 -0.46	29.58 -3.02 -0.80	34.29 -3.39 -0.83	35.52 -3.28 6.11	53.64 -4.83 3.50	59.96 -5.30 1.87	47.63 -4.00 1.69	37.72 -2.80 0.61	33.57 -2.45 0.02
GE_PLASTICS___DRP 24183	39.87 1.35 0.00	37.51 1.27 0.00	35.28 1.23 0.00	34.69 1.21 0.00	36.17 1.22 0.00	41.55 1.37 0.00	53.95 1.62 0.00	51.94 1.41 0.00	42.35 1.11 0.00	34.99 0.89 0.00	34.11 0.90 0.00	33.33 0.88 0.00	32.49 0.85 -0.01	32.23 0.84 -0.29	33.37 0.74 -0.97	35.85 0.81 -0.51	41.64 0.92 -0.92	47.18 1.14 -0.18	57.81 1.48 -11.42	64.02 2.05 0.00	69.22 2.08 0.00	55.14 1.81 0.00	42.65 1.52 0.00	37.41 1.37 0.00
GILBOA___1 23756	39.91 1.38 0.00	37.62 1.38 0.00	35.28 1.22 0.00	34.63 1.14 0.00	36.18 1.22 0.00	41.68 1.49 0.00	54.50 1.94 -0.24	51.99 1.47 0.00	42.47 1.24 0.00	35.13 1.02 0.00	34.24 1.03 0.00	33.49 1.04 0.00	32.64 1.01 0.00	32.36 1.02 -0.23	32.69 0.92 -0.31	34.96 0.96 -0.41	39.96 1.05 -0.71	45.53 1.29 -0.73	58.63 1.89 -11.83	64.66 2.35 -0.33	69.69 2.49 -0.07	55.56 2.08 -0.16	42.87 1.69 -0.06	37.41 1.37 0.00
GILBOA___2 23757	39.91 1.38 0.00	37.62 1.38 0.00	35.28 1.22 0.00	34.63 1.14 0.00	36.18 1.22 0.00	41.68 1.49 0.00	54.50 1.94 -0.24	51.99 1.47 0.00	42.47 1.24 0.00	35.13 1.02 0.00	34.24 1.03 0.00	33.49 1.04 0.00	32.64 1.01 0.00	32.36 1.02 -0.23	32.69 0.92 -0.31	34.96 0.96 -0.41	39.96 1.05 -0.71	45.53 1.29 -0.73	58.63 1.89 -11.83	64.66 2.35 -0.33	69.69 2.49 -0.07	55.56 2.08 -0.16	42.87 1.69 -0.06	37.41 1.37 0.00
GILBOA___3 23758	39.91 1.38 0.00	37.62 1.38 0.00	35.28 1.22 0.00	34.63 1.14 0.00	36.18 1.22 0.00	41.68 1.49 0.00	54.50 1.94 -0.24	51.99 1.47 0.00	42.47 1.24 0.00	35.13 1.02 0.00	34.24 1.03 0.00	33.49 1.04 0.00	32.64 1.01 0.00	32.36 1.02 -0.23	32.69 0.92 -0.31	34.96 0.96 -0.41	39.96 1.05 -0.71	45.53 1.29 -0.73	58.63 1.89 -11.83	64.66 2.35 -0.33	69.69 2.49 -0.07	55.56 2.08 -0.16	42.87 1.69 -0.06	37.41 1.37 0.00

GILBOA___4 23759	39.91 1.38 0.00	37.62 1.38 0.00	35.28 1.22 0.00	34.63 1.14 0.00	36.18 1.22 0.00	41.68 1.49 0.00	54.50 1.94 -0.24	51.99 1.47 0.00	42.47 1.24 0.00	35.13 1.02 0.00	34.24 1.03 0.00	33.49 1.04 0.00	32.64 1.01 0.00	32.36 1.02 -0.23	32.69 0.92 -3.12	34.96 0.96 -4.10	39.96 1.05 -7.11	45.53 1.29 -7.38	58.63 1.89 -11.83	64.66 2.35 -0.33	69.69 2.49 -0.07	55.56 2.08 -0.16	42.87 1.69 -0.06	37.41 1.37 0.00
GILBOA____ 23599	39.91 1.39 0.00	37.51 1.27 0.00	35.28 1.23 0.00	34.66 1.17 0.00	36.18 1.22 0.00	41.67 1.49 0.00	54.46 1.88 -0.25	51.99 1.47 0.00	42.43 1.20 0.00	35.13 1.02 0.00	34.24 1.03 0.00	33.49 1.04 0.00	32.64 1.01 0.00	32.36 1.03 -0.23	32.69 0.92 -3.12	34.90 0.96 -4.04	39.86 1.05 -7.01	45.36 1.29 -7.21	57.61 1.89 -10.82	64.65 2.36 -0.31	69.69 2.48 -0.07	55.55 2.08 -0.15	42.87 1.69 -0.06	37.49 1.44 0.00
GINNA____ 23603	35.28 -3.24 0.01	32.68 -3.55 0.01	31.22 -2.83 0.01	30.93 -2.55 0.01	32.18 -2.76 0.01	36.48 -3.70 0.01	43.81 -4.92 3.60	45.82 -4.70 0.01	38.01 -3.22 0.01	31.36 -2.73 0.01	30.28 -2.92 0.01	29.39 -3.05 0.01	28.74 -2.88 0.01	28.03 -3.08 -0.01	25.97 -2.86 -0.18	26.98 -3.05 -0.13	28.71 -3.31 -0.22	33.03 -3.76 0.06	37.32 -4.00 3.59	53.18 -5.58 3.22	59.87 -5.57 1.70	46.86 -4.91 1.56	36.83 -3.74 0.56	33.12 -2.92 0.01
GLEN PARK____ 23778	38.17 -0.35 0.00	35.84 -0.40 0.00	33.58 -0.48 0.00	32.99 -0.50 0.00	34.53 -0.42 0.00	39.66 -0.52 0.00	52.59 0.26 0.00	50.32 -0.20 0.00	40.04 -1.20 0.00	33.11 -0.99 0.00	31.91 -1.30 0.00	31.12 -1.33 0.00	30.05 -1.58 0.00	29.63 -1.49 -0.01	27.36 -1.46 -0.17	28.78 -1.35 -0.22	30.75 -1.43 -0.38	35.88 -1.36 -0.39	45.04 -0.49 -0.63	63.06 0.80 -0.28	69.01 1.27 -0.60	53.93 0.53 -0.08	41.21 0.08 0.00	36.01 -0.04 0.00
GLENDALE_27_KV_LOAD 356172	41.45 2.93 0.00	38.88 2.65 0.00	36.67 2.62 0.00	35.93 2.44 0.00	37.47 2.52 0.00	43.32 3.13 0.00	56.35 4.03 0.00	54.52 3.99 0.00	44.66 3.42 0.00	37.17 3.07 0.00	36.43 3.22 0.00	35.79 3.34 0.00	35.00 3.32 -0.05	34.76 3.39 -0.27	35.14 3.09 -3.40	37.43 3.14 -4.38	42.59 3.18 -7.61	48.40 3.72 -7.83	59.32 4.67 -9.74	67.99 6.01 0.00	73.45 6.31 0.00	58.02 4.69 0.00	44.66 3.54 0.00	39.07 3.03 0.00
GLENWOOD_IC_1_G5 23712	41.73 3.20 -0.01	39.14 2.90 0.00	36.89 2.83 -0.01	36.20 2.71 0.00	37.80 2.83 -0.01	43.70 3.50 -0.01	56.82 4.50 0.00	54.97 4.45 0.00	45.04 3.79 -0.01	37.39 3.27 -0.01	36.61 3.39 -0.01	35.90 3.44 -0.01	34.99 3.32 -0.05	34.69 3.33 -0.26	35.20 3.15 -3.39	37.56 3.26 -4.40	45.72 3.37 -10.55	61.35 3.94 -20.55	59.47 4.81 -9.75	68.19 6.20 -0.01	73.73 6.58 -0.01	58.35 5.01 -0.01	45.05 3.91 -0.01	39.34 3.28 -0.01
GLENWOOD_IC_2_G1 23688	41.41 2.89 0.00	39.07 2.83 0.00	36.64 2.59 0.00	35.87 2.38 0.00	37.50 2.55 0.00	43.40 3.22 0.00	56.56 4.24 0.00	54.62 4.09 0.00	44.74 3.50 0.00	37.14 3.03 0.00	36.37 3.16 0.00	35.67 3.21 0.00	34.81 3.13 -0.05	34.54 3.17 -0.26	35.00 2.95 -3.39	37.30 3.02 -4.38	42.69 3.15 -7.74	48.95 3.69 -8.41	61.78 4.53 -12.34	68.08 5.82 -0.28	73.25 6.11 0.00	58.10 4.64 -0.13	44.80 3.62 -0.05	38.93 2.88 0.00
GLENWOOD_IC_3_G1 23689	41.41 2.89 0.00	39.07 2.83 0.00	36.64 2.59 0.00	35.87 2.38 0.00	37.50 2.55 0.00	43.40 3.22 0.00	56.56 4.24 0.00	54.62 4.09 0.00	44.74 3.50 0.00	37.14 3.03 0.00	36.37 3.16 0.00	35.67 3.21 0.00	34.81 3.13 -0.05	34.54 3.17 -0.26	35.00 2.95 -3.39	37.30 3.02 -4.38	42.69 3.15 -7.74	48.95 3.69 -8.41	61.78 4.53 -12.34	68.08 5.82 -0.28	73.25 6.11 0.00	58.10 4.64 -0.13	44.80 3.62 -0.05	38.93 2.88 0.00
GLENWOOD___4 23550	41.73 3.20 -0.01	39.14 2.90 0.00	36.89 2.83 -0.01	36.20 2.71 0.00	37.80 2.83 -0.01	43.70 3.50 -0.01	56.82 4.50 0.00	54.97 4.45 0.00	45.04 3.79 -0.01	37.39 3.27 -0.01	36.61 3.39 -0.01	35.90 3.44 -0.01	34.99 3.32 -0.05	34.69 3.33 -0.26	35.20 3.15 -3.39	37.56 3.26 -4.40	45.72 3.37 -10.55	61.35 3.94 -20.55	59.47 4.81 -9.75	68.19 6.20 -0.01	73.73 6.58 -0.01	58.35 5.01 -0.01	45.05 3.91 -0.01	39.34 3.28 -0.01
GLENWOOD___5 23614	41.73 3.20 -0.01	39.14 2.90 0.00	36.89 2.83 -0.01	36.20 2.71 0.00	37.80 2.83 -0.01	43.70 3.50 -0.01	56.82 4.50 0.00	54.97 4.45 0.00	45.04 3.79 -0.01	37.39 3.27 -0.01	36.61 3.39 -0.01	35.90 3.44 -0.01	34.99 3.32 -0.05	34.69 3.33 -0.26	35.20 3.15 -3.39	37.56 3.26 -4.40	45.72 3.37 -10.55	61.35 3.94 -20.55	59.47 4.81 -9.75	68.19 6.20 -0.01	73.73 6.58 -0.01	58.35 5.01 -0.01	45.05 3.91 -0.01	39.34 3.28 -0.01
GLOBAL GREEN_PORT_GT1 23814	41.57 3.04 -0.01	39.46 3.22 0.00	37.02 2.96 -0.01	36.03 2.54 0.00	37.97 3.01 -0.01	44.25 4.06 -0.01	57.61 5.28 0.00	56.08 5.56 0.00	46.07 4.82 -0.01	38.27 4.16 -0.01	37.64 4.42 -0.01	37.04 4.58 -0.01	36.04 4.37 -0.05	35.63 4.26 -0.26	36.11 4.07 -3.39	38.45 4.16 -4.39	45.61 4.36 -9.45	57.53 4.86 -15.81	62.77 5.52 -12.34	69.39 7.12 -0.29	74.40 7.25 -0.01	58.85 5.38 -0.14	45.34 4.15 -0.06	39.33 3.28 -0.01
GLOBE___DSASP 323697	34.27 -4.24 0.02	32.60 -3.62 0.02	30.53 -3.51 0.02	30.19 -3.28 0.02	31.34 -3.60 0.02	35.07 -5.10 0.02	43.10 -6.91 2.32	43.79 -6.72 0.01	36.93 -4.29 0.02	30.51 -3.58 0.02	29.39 -3.79 0.03	28.38 -4.06 0.02	27.79 -3.83 0.02	27.12 -3.98 0.00	25.00 -3.81 -0.16	26.30 -4.04 -0.44	28.14 -4.42 -0.76	32.80 -4.83 -0.78	34.13 -5.25 5.53	50.20 -8.24 3.53	56.81 -8.46 1.87	44.81 -6.83 1.69	35.79 -4.73 0.61	31.95 -4.07 0.02
GOETHSLN___LBMP 323567	41.18 2.66 0.00	38.59 2.36 0.00	36.40 2.35 0.00	35.66 2.18 0.00	37.22 2.27 0.00	43.12 2.93 0.00	56.20 3.87 0.00	54.42 3.89 0.00	44.58 3.34 0.00	37.10 3.00 0.00	36.33 3.12 0.00	35.66 3.21 0.00	34.87 3.19 -0.05	34.64 3.27 -0.27	35.06 3.01 -3.40	37.34 3.05 -4.38	42.52 3.12 -7.61	48.33 3.65 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.25 6.11 0.00	57.86 4.53 0.00	44.54 3.41 0.00	38.93 2.88 0.00
GOLAH___69_KV_TB 1_2 80279	36.66 -1.85 0.01	34.63 -1.59 0.01	32.54 -1.50 0.01	32.17 -1.31 0.01	33.54 -1.40 0.01	37.84 -2.33 0.01	46.58 -3.09 2.66	47.43 -3.08 0.01	39.49 -1.73 0.01	32.49 -1.60 0.01	31.34 -1.86 0.01	30.33 -2.11 0.01	29.63 -1.99 0.01	28.96 -2.15 0.00	26.74 -2.09 -0.18	28.01 -2.27 -0.38	30.01 -2.45 -0.66	34.81 -2.73 -0.68	38.09 -2.60 4.22	54.89 -3.78 3.30	61.90 -3.49 1.75	48.53 -3.20 1.60	38.29 -2.26 0.57	34.09 -1.95 0.01
GOODYEAR_LAKE_HYD 323669	39.99 1.46 -0.01	37.66 1.41 -0.01	35.35 1.29 -0.01	34.73 1.24 -0.01	36.32 1.36 -0.01	41.88 1.69 -0.01	56.74 3.82 -0.60	53.36 2.83 0.00	42.52 1.28 -0.01	34.89 0.78 -0.01	33.61 0.40 0.00	32.72 0.26 -0.01	31.73 0.09 -0.01	31.51 0.37 -0.03	29.38 0.32 -0.41	30.92 0.57 -0.45	33.15 0.57 -0.78	38.84 1.18 -0.81	53.35 2.02 -6.42	66.16 3.16 -1.02	70.91 3.42 -0.35	56.30 2.51 -0.46	43.23 1.93 -0.17	37.60 1.55 -0.01

GOUDEY___7 235031	39.00 0.46 -0.02	36.70 0.43 -0.02	34.45 0.37 -0.02	33.88 0.37 -0.02	35.39 0.42 -0.02	40.73 0.52 -0.02	56.09 0.84 -2.93	50.57 0.05 0.00	41.20 -0.04 0.00	34.04 -0.07 0.00	33.08 -0.13 0.00	32.26 -0.19 0.00	31.44 -0.19 0.00	31.03 -0.16 -0.08	29.53 -0.14 -1.02	31.11 -0.06 -1.26	33.92 -0.06 -2.19	39.10 0.00 -2.25	61.39 0.76 -15.72	64.87 1.12 -1.77	68.80 1.07 -0.59	54.93 0.80 -0.80	42.00 0.58 -0.30	36.53 0.47 -0.02
GOUDEY___7 23579	39.00 0.46 -0.02	36.70 0.43 -0.02	34.45 0.37 -0.02	33.88 0.37 -0.02	35.39 0.42 -0.02	40.73 0.52 -0.02	56.09 0.84 -2.93	50.57 0.05 0.00	41.20 -0.04 0.00	34.04 -0.07 0.00	33.08 -0.13 0.00	32.26 -0.19 0.00	31.44 -0.19 0.00	31.03 -0.16 -0.08	29.53 -0.14 -1.02	31.11 -0.06 -1.26	33.92 -0.06 -2.19	39.10 0.00 -2.25	61.39 0.76 -15.72	64.87 1.12 -1.77	68.80 1.07 -0.59	54.93 0.80 -0.80	42.00 0.58 -0.30	36.53 0.47 -0.02
GOUDEY___8 23580	39.00 0.46 -0.02	36.70 0.43 -0.02	34.45 0.37 -0.02	33.88 0.37 -0.02	35.39 0.42 -0.02	40.73 0.52 -0.02	56.09 0.84 -2.93	50.57 0.05 0.00	41.20 -0.04 0.00	34.04 -0.07 0.00	33.08 -0.13 0.00	32.26 -0.19 0.00	31.44 -0.19 0.00	31.03 -0.16 -0.08	29.53 -0.14 -1.02	31.11 -0.06 -1.26	33.92 -0.06 -2.19	39.10 0.00 -2.25	61.39 0.76 -15.72	64.87 1.12 -1.77	68.80 1.07 -0.59	54.93 0.80 -0.80	42.00 0.58 -0.30	36.53 0.47 -0.02
GOWANUS_GT1_1 24077	41.57 3.04 -0.01	39.00 2.75 -0.01	36.74 2.69 0.00	36.00 2.51 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.20 3.87 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.26 3.57 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.25 6.11 0.00	57.91 4.59 0.00	44.62 3.50 0.00	39.07 3.03 0.00
GOWANUS_GT1_2 24078	41.57 3.04 -0.01	39.00 2.75 -0.01	36.74 2.69 0.00	36.00 2.51 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.20 3.87 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.26 3.57 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.25 6.11 0.00	57.91 4.59 0.00	44.62 3.50 0.00	39.07 3.03 0.00
GOWANUS_GT1_3 24079	41.57 3.04 -0.01	39.00 2.75 -0.01	36.74 2.69 0.00	36.00 2.51 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.20 3.87 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.26 3.57 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.25 6.11 0.00	57.91 4.59 0.00	44.62 3.50 0.00	39.07 3.03 0.00
GOWANUS_GT1_4 24080	41.57 3.04 -0.01	39.00 2.75 -0.01	36.74 2.69 0.00	36.00 2.51 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.20 3.87 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.26 3.57 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.25 6.11 0.00	57.91 4.59 0.00	44.62 3.50 0.00	39.07 3.03 0.00
GOWANUS_GT1_5 24084	41.57 3.04 -0.01	39.00 2.75 -0.01	36.74 2.69 0.00	36.00 2.51 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.20 3.87 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.26 3.57 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.25 6.11 0.00	57.91 4.59 0.00	44.62 3.50 0.00	39.07 3.03 0.00
GOWANUS_GT1_6 24111	41.57 3.04 -0.01	39.00 2.75 -0.01	36.74 2.69 0.00	36.00 2.51 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.20 3.87 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.26 3.57 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.25 6.11 0.00	57.91 4.59 0.00	44.62 3.50 0.00	39.07 3.03 0.00
GOWANUS_GT1_7 24112	41.57 3.04 -0.01	39.00 2.75 -0.01	36.74 2.69 0.00	36.00 2.51 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.20 3.87 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.26 3.57 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.25 6.11 0.00	57.91 4.59 0.00	44.62 3.50 0.00	39.07 3.03 0.00
GOWANUS_GT1_8 24113	41.57 3.04 -0.01	39.00 2.75 -0.01	36.74 2.69 0.00	36.00 2.51 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.20 3.87 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.26 3.57 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.25 6.11 0.00	57.91 4.59 0.00	44.62 3.50 0.00	39.07 3.03 0.00
GOWANUS_GT2_1 24114	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.24 3.05 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.23 3.02 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.21 3.54 -7.82	61.78 4.53 -12.33	68.02 5.76 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
GOWANUS_GT2_2 24115	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.24 3.05 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.23 3.02 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.21 3.54 -7.82	61.78 4.53 -12.33	68.02 5.76 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
GOWANUS_GT2_3 24116	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.24 3.05 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.23 3.02 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.21 3.54 -7.82	61.78 4.53 -12.33	68.02 5.76 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
GOWANUS_GT2_4 24117	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.24 3.05 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.23 3.02 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.21 3.54 -7.82	61.78 4.53 -12.33	68.02 5.76 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00

GOWANUS_GT2_5 24118	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.24 3.05 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.23 3.02 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.21 3.54 -7.82	61.78 4.53 -12.33	68.02 5.76 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
GOWANUS_GT2_6 24119	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.24 3.05 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.23 3.02 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.21 3.54 -7.82	61.78 4.53 -12.33	68.02 5.76 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
GOWANUS_GT2_7 24120	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.24 3.05 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.23 3.02 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.21 3.54 -7.82	61.78 4.53 -12.33	68.02 5.76 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
GOWANUS_GT2_8 24121	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.24 3.05 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.23 3.02 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.21 3.54 -7.82	61.78 4.53 -12.33	68.02 5.76 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
GOWANUS_GT3_1 24122	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
GOWANUS_GT3_2 24123	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
GOWANUS_GT3_3 24124	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
GOWANUS_GT3_4 24125	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
GOWANUS_GT3_5 24126	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
GOWANUS_GT3_6 24127	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
GOWANUS_GT3_7 24128	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
GOWANUS_GT3_8 24129	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
GOWANUS_GT4_1 24130	41.53 3.00 -0.01	38.96 2.72 -0.01	36.74 2.69 0.00	36.00 2.51 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.20 3.87 0.00	54.32 3.79 0.00	44.37 3.13 0.00	36.97 2.86 0.00	36.23 3.02 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.22 3.54 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.18 6.04 0.00	57.86 4.53 0.00	44.62 3.50 0.00	39.07 3.03 0.00
GOWANUS_GT4_2 24131	41.53 3.00 -0.01	38.96 2.72 -0.01	36.74 2.69 0.00	36.00 2.51 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.20 3.87 0.00	54.32 3.79 0.00	44.37 3.13 0.00	36.97 2.86 0.00	36.23 3.02 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.22 3.54 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.18 6.04 0.00	57.86 4.53 0.00	44.62 3.50 0.00	39.07 3.03 0.00
GOWANUS_GT4_3 24132	41.53 3.00 -0.01	38.96 2.72 -0.01	36.74 2.69 0.00	36.00 2.51 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.20 3.87 0.00	54.32 3.79 0.00	44.37 3.13 0.00	36.97 2.86 0.00	36.23 3.02 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.22 3.54 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.18 6.04 0.00	57.86 4.53 0.00	44.62 3.50 0.00	39.07 3.03 0.00

GOWANUS_GT4_4 24133	41.53 3.00 -0.01	38.96 2.72 -0.01	36.74 2.69 0.00	36.00 2.51 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.20 3.87 0.00	54.32 3.79 0.00	44.37 3.13 0.00	36.97 2.86 0.00	36.23 3.02 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.22 3.54 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.18 6.04 0.00	57.86 4.53 0.00	44.62 3.50 0.00	39.07 3.03 0.00
GOWANUS_GT4_5 24134	41.53 3.00 -0.01	38.96 2.72 -0.01	36.74 2.69 0.00	36.00 2.51 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.20 3.87 0.00	54.32 3.79 0.00	44.37 3.13 0.00	36.97 2.86 0.00	36.23 3.02 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.22 3.54 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.18 6.04 0.00	57.86 4.53 0.00	44.62 3.50 0.00	39.07 3.03 0.00
GOWANUS_GT4_6 24135	41.53 3.00 -0.01	38.96 2.72 -0.01	36.74 2.69 0.00	36.00 2.51 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.20 3.87 0.00	54.32 3.79 0.00	44.37 3.13 0.00	36.97 2.86 0.00	36.23 3.02 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.22 3.54 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.18 6.04 0.00	57.86 4.53 0.00	44.62 3.50 0.00	39.07 3.03 0.00
GOWANUS_GT4_7 24136	41.53 3.00 -0.01	38.96 2.72 -0.01	36.74 2.69 0.00	36.00 2.51 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.20 3.87 0.00	54.32 3.79 0.00	44.37 3.13 0.00	36.97 2.86 0.00	36.23 3.02 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.22 3.54 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.18 6.04 0.00	57.86 4.53 0.00	44.62 3.50 0.00	39.07 3.03 0.00
GOWANUS_GT4_8 24137	41.53 3.00 -0.01	38.96 2.72 -0.01	36.74 2.69 0.00	36.00 2.51 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.20 3.87 0.00	54.32 3.79 0.00	44.37 3.13 0.00	36.97 2.86 0.00	36.23 3.02 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.22 3.54 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.18 6.04 0.00	57.86 4.53 0.00	44.62 3.50 0.00	39.07 3.03 0.00
GREENBSH_115KV_TB3 55895	39.95 1.43 0.00	37.58 1.34 0.00	35.35 1.29 0.00	34.76 1.27 0.00	36.24 1.29 0.00	41.55 1.37 0.00	53.95 1.62 0.00	51.89 1.36 0.00	42.31 1.07 0.00	34.96 0.85 0.00	34.07 0.86 0.00	33.29 0.84 0.00	32.43 0.79 -0.02	32.17 0.78 -0.29	33.33 0.69 -3.99	35.82 0.75 -5.17	41.69 0.92 -8.97	47.22 1.14 -9.23	57.83 1.44 -11.48	63.90 1.92 0.00	69.08 1.95 0.00	55.09 1.76 0.00	42.65 1.52 0.00	37.48 1.44 0.00
GREENDGE_115KV_TB5 80291	37.53 -0.96 0.02	35.42 -0.80 0.02	33.18 -0.85 0.02	32.69 -0.77 0.02	34.19 -0.73 0.02	39.28 -0.88 0.02	55.77 -0.94 -4.39	49.07 -1.41 0.04	40.08 -1.11 0.04	32.94 -1.13 0.04	31.88 -1.30 0.03	30.95 -1.46 0.04	30.17 -1.42 0.04	29.67 -1.40 0.04	27.32 -1.32 0.01	29.02 -1.47 -0.58	31.24 -1.56 -1.00	36.30 -1.58 -1.03	34.28 -0.99 9.64	57.50 -1.24 3.24	64.24 -1.54 1.35	50.47 -1.28 1.57	39.47 -1.07 0.59	35.08 -0.94 0.03
GREENIDGE___3 23582	37.53 -0.96 0.02	35.42 -0.80 0.02	33.18 -0.85 0.02	32.69 -0.77 0.02	34.19 -0.73 0.02	39.28 -0.88 0.02	55.77 -0.94 -4.39	49.07 -1.41 0.04	40.08 -1.11 0.04	32.94 -1.13 0.04	31.88 -1.30 0.03	30.95 -1.46 0.04	30.17 -1.42 0.04	29.67 -1.40 0.04	27.32 -1.32 0.01	29.02 -1.47 -0.58	31.24 -1.56 -1.00	36.30 -1.58 -1.03	34.28 -0.99 9.64	57.50 -1.24 3.24	64.24 -1.54 1.35	50.47 -1.28 1.57	39.47 -1.07 0.59	35.08 -0.94 0.03
GREENIDGE___4 23583	37.53 -0.96 0.02	35.34 -0.87 0.02	33.18 -0.85 0.02	32.66 -0.80 0.02	34.19 -0.74 0.02	39.24 -0.92 0.02	55.76 -1.00 -4.43	49.06 -1.41 0.05	40.09 -1.11 0.04	32.94 -1.12 0.04	31.85 -1.33 0.03	30.92 -1.49 0.04	30.17 -1.42 0.04	29.61 -1.46 0.04	27.32 -1.32 0.01	28.35 -1.46 0.10	30.09 -1.56 0.16	34.31 -1.58 0.96	34.67 -0.99 9.25	57.48 -1.24 3.26	64.28 -1.48 1.38	50.52 -1.22 1.58	39.47 -1.07 0.59	35.01 -1.01 0.03
GREENLWN_69_KV_BK 3 55738	41.84 3.31 -0.01	39.25 3.01 0.00	36.96 2.89 -0.01	36.30 2.81 0.00	37.93 2.97 -0.01	43.81 3.62 -0.01	56.98 4.66 0.00	55.17 4.65 0.00	45.16 3.92 -0.01	37.49 3.38 -0.01	36.67 3.45 -0.01	35.96 3.50 -0.01	34.99 3.32 -0.05	34.66 3.30 -0.26	35.23 3.18 -3.39	37.62 3.32 -4.39	44.76 3.47 -9.49	56.87 4.05 -15.96	59.15 4.49 -9.75	67.63 5.64 -0.01	73.19 6.04 -0.01	58.29 4.96 -0.01	45.17 4.03 -0.01	39.44 3.39 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	41.57 3.04 -0.01	39.00 2.75 -0.01	36.74 2.69 0.00	36.00 2.51 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.20 3.87 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.26 3.57 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.25 6.11 0.00	57.91 4.59 0.00	44.62 3.50 0.00	39.07 3.03 0.00
GRISSOM___SOLAR 323813	40.48 1.96 0.00	38.16 1.92 0.00	35.79 1.74 0.00	35.19 1.71 0.00	36.77 1.82 0.00	42.43 2.25 0.00	55.51 2.93 -0.25	51.99 1.47 0.00	41.44 0.21 0.00	33.76 -0.34 0.00	32.68 -0.53 0.00	31.83 -0.62 0.00	30.97 -0.67 -0.01	30.89 -0.53 -0.31	32.57 -0.37 -4.29	35.37 -0.15 -5.61	41.53 0.00 -9.73	47.45 0.52 -10.08	61.27 1.75 -14.61	65.69 3.47 -0.24	70.96 3.82 0.00	56.53 3.09 -0.11	43.56 2.38 -0.04	37.88 1.84 0.00
GROVEVILLE___HYD 323602	41.10 2.58 0.00	38.63 2.39 0.00	36.33 2.28 0.00	35.66 2.18 0.00	37.22 2.27 0.00	43.12 2.93 0.00	56.14 3.82 0.00	54.16 3.64 0.00	44.16 2.93 0.00	36.52 2.42 0.00	35.70 2.49 0.00	34.95 2.50 0.00	34.13 2.47 -0.04	33.87 2.52 -0.25	34.40 2.32 -3.43	36.82 2.48 -4.43	42.13 2.64 -7.69	47.94 3.17 -7.91	58.75 4.00 -9.85	67.31 5.33 0.00	72.91 5.77 0.00	57.65 4.32 0.00	44.42 3.29 0.00	38.75 2.70 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.40 -0.12 0.00	36.16 -0.07 0.00	33.95 -0.10 0.00	33.42 -0.07 0.00	34.91 -0.03 0.00	40.10 -0.08 0.00	52.80 -0.05 -0.53	50.27 -0.25 0.00	41.11 -0.12 0.00	33.97 -0.14 0.00	33.04 -0.17 0.00	32.22 -0.23 0.00	31.44 -0.19 0.00	30.91 -0.22 -0.02	28.75 -0.20 -0.30	30.02 -0.27 -0.38	32.14 -0.32 -0.66	37.13 -0.41 -0.68	43.24 -0.31 1.35	61.76 -0.25 -0.03	67.65 -0.27 -0.78	52.88 -0.37 0.07	40.73 -0.33 0.07	35.79 -0.25 0.00
HAMLTNNY_34_KV_TB 80303	38.36 -0.15 0.00	36.13 -0.11 0.00	33.95 -0.10 0.00	33.38 -0.10 0.00	34.91 -0.03 0.00	40.02 -0.16 0.00	52.69 -0.10 -0.47	50.17 -0.35 0.00	41.07 -0.16 0.00	33.93 -0.17 0.00	32.94 -0.27 0.00	32.13 -0.32 0.00	31.31 -0.32 0.00	30.79 -0.34 -0.02	28.64 -0.32 -0.31	29.91 -0.39 -0.40	32.04 -0.45 -0.69	37.05 -0.52 -0.71	42.99 -0.27 1.65	61.69 -0.25 0.04	67.65 -0.20 -0.72	52.85 -0.37 0.10	40.72 -0.33 0.08	35.75 -0.29 0.00

HAMPSHIRE___PAPER_HYD 323593	37.17 -1.35 0.00	34.94 -1.30 0.00	32.69 -1.36 0.00	32.15 -1.34 0.00	33.55 -1.40 0.00	38.70 -1.49 0.00	50.81 -1.52 0.00	48.71 -1.82 0.00	39.13 -2.10 0.00	32.40 -1.70 0.00	31.35 -1.86 0.00	30.63 -1.82 0.00	29.67 -1.96 0.00	29.15 -1.96 -0.01	26.88 -1.86 -0.09	28.20 -1.83 -0.12	30.09 -1.91 -0.20	35.03 -2.03 -0.21	43.73 -1.53 -0.35	60.80 -1.30 -0.12	66.19 -1.21 -0.26	52.29 -1.07 -0.03	40.10 -1.03 0.00	35.07 -0.97 0.00
HARDSCRABBLE_WT_PWR 323673	39.52 1.00 0.00	37.18 0.94 0.00	34.94 0.88 0.00	34.36 0.87 0.00	35.93 0.98 0.00	41.31 1.12 0.00	53.89 1.57 0.00	51.84 1.31 0.00	42.06 0.82 0.00	34.62 0.51 0.00	33.58 0.37 0.00	32.74 0.29 0.00	31.79 0.16 0.00	31.23 0.12 0.00	28.68 0.03 0.00	29.97 0.06 0.00	31.83 0.03 0.00	36.97 0.11 0.00	45.40 0.49 0.00	63.15 1.17 0.00	68.75 1.61 0.00	54.60 1.28 0.00	42.11 0.99 0.00	36.94 0.90 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.99 2.47 0.00	38.49 2.25 0.00	36.23 2.18 0.00	35.57 2.08 0.00	37.12 2.17 0.00	42.96 2.77 0.00	56.16 3.61 -0.23	54.01 3.49 0.00	44.12 2.89 0.00	36.56 2.46 0.00	35.77 2.56 0.00	35.01 2.56 0.00	34.19 2.53 -0.04	33.95 2.61 -0.23	34.29 2.41 -3.23	36.57 2.48 -4.18	41.70 2.64 -7.26	47.46 3.13 -7.47	58.11 3.91 -9.29	67.12 5.14 0.00	72.70 5.51 -0.06	57.43 4.11 0.00	44.25 3.13 0.00	38.64 2.60 0.00
HARSNRAD_115KV_TB1 81005	35.08 -3.43 0.02	33.40 -2.83 0.02	31.28 -2.76 0.02	30.89 -2.58 0.02	32.10 -2.83 0.02	35.95 -4.22 0.02	44.59 -5.39 2.35	44.85 -5.66 0.01	37.68 -3.55 0.01	31.09 -3.00 0.01	29.94 -3.25 0.01	28.90 -3.54 0.01	28.29 -3.32 0.01	27.65 -3.45 0.00	25.49 -3.32 -0.16	26.84 -3.50 -0.43	28.73 -3.82 -0.75	33.50 -4.13 -0.77	35.22 -4.27 5.42	51.76 -6.76 3.47	58.45 -6.85 1.84	46.11 -5.55 1.67	36.70 -3.82 0.60	32.71 -3.32 0.02
HARZA MOOSE___RIVER 24016	38.56 0.04 0.00	36.17 -0.07 0.00	33.88 -0.17 0.00	33.25 -0.23 0.00	34.78 -0.17 0.00	40.02 -0.32 0.00	52.64 0.31 0.00	50.53 0.00 0.00	40.66 -0.58 0.00	33.66 -0.44 0.00	32.58 -0.63 0.00	31.77 -0.68 0.00	30.71 -0.92 0.00	30.18 -0.93 -0.01	27.80 -0.97 -0.12	29.13 -0.93 -0.15	31.11 -0.95 -0.27	36.39 -0.74 -0.27	45.52 0.27 -0.34	63.43 1.30 -0.15	69.07 1.61 -0.32	54.33 0.96 -0.04	41.70 0.58 0.00	36.40 0.36 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.21 -0.31 0.00	35.99 -0.25 0.00	33.78 -0.27 0.00	33.25 -0.23 0.00	34.74 -0.21 0.00	39.86 -0.32 0.00	52.36 -0.31 -0.35	49.97 -0.56 0.00	40.91 -0.33 0.00	33.83 -0.27 0.00	32.91 -0.30 0.00	32.09 -0.36 0.00	31.31 -0.32 0.00	30.78 -0.34 -0.02	28.61 -0.32 -0.27	29.87 -0.39 -0.35	31.97 -0.45 -0.62	36.94 -0.55 -0.63	43.06 -0.58 1.26	60.20 -0.68 1.09	66.36 -0.74 0.04	51.99 -0.75 0.59	40.32 -0.58 0.23	35.54 -0.50 0.00
HELLGATE_13_KV_LD 55870	41.45 2.93 0.00	38.88 2.65 0.00	36.67 2.62 0.00	35.93 2.44 0.00	37.50 2.55 0.00	43.28 3.09 0.00	56.30 3.98 0.00	54.47 3.94 0.00	44.62 3.38 0.00	37.17 3.07 0.00	36.43 3.22 0.00	35.79 3.34 0.00	35.00 3.32 -0.05	34.76 3.39 -0.27	35.14 3.09 -3.40	37.43 3.14 -4.38	42.55 3.15 -7.61	48.37 3.69 -7.83	59.27 4.63 -9.74	67.93 5.95 0.00	73.38 6.24 0.00	57.91 4.59 0.00	44.62 3.50 0.00	39.07 3.03 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.45 2.93 0.00	38.88 2.65 0.00	36.67 2.62 0.00	35.93 2.44 0.00	37.50 2.55 0.00	43.28 3.09 0.00	56.30 3.98 0.00	54.47 3.94 0.00	44.62 3.38 0.00	37.17 3.07 0.00	36.43 3.22 0.00	35.79 3.34 0.00	35.00 3.32 -0.05	34.76 3.39 -0.27	35.14 3.09 -3.40	37.43 3.14 -4.38	42.55 3.15 -7.61	48.37 3.69 -7.83	59.27 4.63 -9.74	67.93 5.95 0.00	73.38 6.24 0.00	57.91 4.59 0.00	44.62 3.50 0.00	39.07 3.03 0.00
HEMPSTEAD___ 23647	41.85 3.31 -0.01	39.46 3.22 0.00	36.99 2.93 -0.01	36.20 2.71 0.00	37.93 2.97 -0.01	43.85 3.66 -0.01	57.08 4.76 0.00	55.17 4.65 0.00	45.21 3.96 -0.01	37.53 3.41 -0.01	36.71 3.49 -0.01	36.00 3.54 -0.01	35.06 3.39 -0.05	34.73 3.36 -0.26	35.25 3.21 -3.39	37.62 3.32 -4.39	45.50 3.47 -10.23	60.04 4.02 -19.16	62.15 4.90 -12.35	68.53 6.26 -0.29	73.80 6.65 -0.01	58.59 5.12 -0.15	45.22 4.03 -0.06	39.30 3.25 -0.01
HICKLING___1 23621	37.17 -1.31 0.04	35.07 -1.12 0.04	32.82 -1.19 0.04	32.31 -1.14 0.04	33.76 -1.15 0.04	38.94 -1.21 0.04	48.41 -1.41 2.50	48.46 -2.02 0.04	39.50 -1.69 0.04	32.53 -1.53 0.04	31.55 -1.63 0.03	30.66 -1.75 0.04	29.88 -1.71 0.04	29.45 -1.62 0.04	27.22 -1.46 -0.03	29.02 -1.56 -0.67	31.28 -1.69 -1.16	36.28 -1.77 -1.20	28.41 -1.08 15.42	56.44 -1.30 4.24	63.37 -1.95 1.82	49.84 -1.44 2.04	39.09 -1.27 0.76	34.99 -1.01 0.04
HICKLING___2 23622	37.17 -1.31 0.04	35.07 -1.12 0.04	32.82 -1.19 0.04	32.31 -1.14 0.04	33.76 -1.15 0.04	38.94 -1.21 0.04	48.41 -1.41 2.50	48.46 -2.02 0.04	39.50 -1.69 0.04	32.53 -1.53 0.04	31.55 -1.63 0.03	30.66 -1.75 0.04	29.88 -1.71 0.04	29.45 -1.62 0.04	27.22 -1.46 -0.03	29.02 -1.56 -0.67	31.28 -1.69 -1.16	36.28 -1.77 -1.20	28.41 -1.08 15.42	56.44 -1.30 4.24	63.37 -1.95 1.82	49.84 -1.44 2.04	39.09 -1.27 0.76	34.99 -1.01 0.04
HIGH FALLS___HY 23754	41.10 2.58 0.00	38.63 2.39 0.00	36.33 2.28 0.00	35.66 2.18 0.00	37.22 2.27 0.00	43.20 3.01 0.00	56.30 3.98 0.00	54.37 3.84 0.00	44.33 3.09 0.00	36.63 2.52 0.00	35.80 2.59 0.00	35.05 2.60 0.00	34.22 2.56 -0.03	33.96 2.61 -0.25	34.47 2.44 -3.38	36.85 2.57 -4.37	42.09 2.70 -7.59	47.91 3.24 -7.81	58.85 4.22 -9.72	67.62 5.64 0.00	73.25 6.11 0.00	57.81 4.48 0.00	44.50 3.37 0.00	38.78 2.74 0.00
HIGH_RIVER___SOLAR 323847	40.10 1.58 0.00	37.80 1.56 0.00	35.48 1.43 0.00	34.86 1.37 0.00	36.42 1.47 0.00	42.00 1.81 0.00	54.68 2.36 0.00	51.99 1.47 0.00	41.81 0.58 0.00	34.17 0.07 0.00	33.21 0.00 0.00	32.39 -0.06 0.00	31.54 -0.09 -0.01	31.35 -0.06 -0.31	32.84 -0.03 -4.21	35.44 0.09 -5.45	41.54 0.29 -9.45	47.36 0.78 -9.73	60.68 1.66 -14.11	64.98 2.79 -0.21	70.23 3.09 0.00	55.93 2.51 -0.10	43.10 1.93 -0.04	37.56 1.51 0.00
HILLBURN___GT 23639	41.02 2.50 0.00	38.74 2.50 0.00	36.30 2.25 0.00	35.53 2.04 0.00	37.15 2.20 0.00	43.00 2.81 0.00	56.32 3.77 -0.23	54.06 3.54 0.00	44.24 3.01 0.00	36.66 2.56 0.00	35.90 2.69 0.00	35.18 2.73 0.00	34.35 2.69 -0.04	34.11 2.77 -0.24	34.44 2.52 -3.26	36.72 2.60 -4.22	41.86 2.74 -7.32	47.59 3.20 -7.53	61.06 4.00 -12.16	67.48 5.21 -0.30	72.64 5.51 0.00	57.57 4.11 -0.14	44.35 3.17 -0.05	38.53 2.49 0.00
HILLSIDE_115KV_TB1 80332	36.70 -1.77 0.05	34.60 -1.59 0.05	32.40 -1.60 0.05	31.87 -1.57 0.05	33.30 -1.61 0.05	38.45 -1.69 0.05	46.98 -2.09 3.25	48.11 -2.37 0.04	39.05 -2.14 0.04	32.25 -1.81 0.04	31.38 -1.79 0.03	30.59 -1.82 0.04	29.78 -1.80 0.04	29.48 -1.59 0.03	27.31 -1.40 -0.06	28.83 -1.79 -0.72	31.14 -1.91 -1.24	36.07 -2.06 -1.28	25.00 -1.48 18.43	55.29 -1.98 4.70	62.44 -2.75 1.95	48.98 -2.08 2.26	38.55 -1.73 0.85	34.63 -1.37 0.05

HISHELDN_WT_PWR 323625	35.80 -2.70 0.02	33.75 -2.47 0.02	31.78 -2.25 0.02	31.29 -2.18 0.02	32.59 -2.34 0.02	37.07 -3.09 0.02	45.99 -4.13 2.20	46.11 -4.40 0.02	38.16 -3.05 0.02	31.42 -2.66 0.02	30.34 -2.86 0.02	29.35 -3.08 0.02	28.63 -2.97 0.02	27.99 -3.11 0.01	25.89 -2.89 -0.13	26.89 -2.96 0.06	28.43 -3.27 0.09	32.49 -3.61 0.75	34.82 -3.37 6.72	53.71 -4.71 3.56	60.24 -5.04 1.86	47.67 -3.95 1.72	37.67 -2.84 0.62	33.46 -2.56 0.02
HOLTSVILLE_IC_1 23690	42.03 3.50 -0.01	39.72 3.48 0.00	37.23 3.17 -0.01	36.33 2.84 0.00	38.14 3.18 -0.01	44.13 3.94 -0.01	57.40 5.07 0.00	55.53 5.00 0.00	45.53 4.29 -0.01	37.76 3.65 -0.01	36.94 3.72 -0.01	36.22 3.76 -0.01	35.25 3.57 -0.05	34.88 3.51 -0.26	35.45 3.41 -3.39	37.85 3.56 -4.39	45.00 3.75 -9.45	57.04 4.38 -15.80	62.24 4.98 -12.34	68.71 6.45 -0.29	73.92 6.78 -0.01	58.85 5.38 -0.14	45.59 4.40 -0.06	39.55 3.50 -0.01
HOLTSVILLE_IC_10 23699	42.23 3.70 -0.01	39.90 3.66 0.00	37.40 3.34 -0.01	36.50 3.02 0.00	38.32 3.36 -0.01	44.33 4.14 -0.01	57.66 5.34 0.00	55.73 5.21 0.00	45.70 4.45 -0.01	37.90 3.79 -0.01	37.10 3.88 -0.01	36.35 3.89 -0.01	35.37 3.70 -0.05	35.04 3.67 -0.26	35.60 3.55 -3.39	38.00 3.71 -4.39	45.17 3.91 -9.46	57.31 4.61 -15.85	62.55 5.30 -12.34	69.08 6.82 -0.29	74.33 7.19 -0.01	59.18 5.71 -0.14	45.79 4.61 -0.06	39.73 3.68 -0.01
HOLTSVILLE_IC_2 23691	42.03 3.50 -0.01	39.72 3.48 0.00	37.23 3.17 -0.01	36.33 2.84 0.00	38.14 3.18 -0.01	44.13 3.94 -0.01	57.40 5.07 0.00	55.53 5.00 0.00	45.53 4.29 -0.01	37.76 3.65 -0.01	36.94 3.72 -0.01	36.22 3.76 -0.01	35.25 3.57 -0.05	34.88 3.51 -0.26	35.45 3.41 -3.39	37.85 3.56 -4.39	45.00 3.75 -9.45	57.04 4.38 -15.80	62.24 4.98 -12.34	68.71 6.45 -0.29	73.92 6.78 -0.01	58.85 5.38 -0.14	45.59 4.40 -0.06	39.55 3.50 -0.01
HOLTSVILLE_IC_3 23692	42.03 3.50 -0.01	39.72 3.48 0.00	37.23 3.17 -0.01	36.33 2.84 0.00	38.14 3.18 -0.01	44.13 3.94 -0.01	57.40 5.07 0.00	55.53 5.00 0.00	45.53 4.29 -0.01	37.76 3.65 -0.01	36.94 3.72 -0.01	36.22 3.76 -0.01	35.25 3.57 -0.05	34.88 3.51 -0.26	35.45 3.41 -3.39	37.85 3.56 -4.39	45.00 3.75 -9.45	57.04 4.38 -15.80	62.24 4.98 -12.34	68.71 6.45 -0.29	73.92 6.78 -0.01	58.85 5.38 -0.14	45.59 4.40 -0.06	39.55 3.50 -0.01
HOLTSVILLE_IC_4 23693	42.03 3.50 -0.01	39.72 3.48 0.00	37.23 3.17 -0.01	36.33 2.84 0.00	38.14 3.18 -0.01	44.13 3.94 -0.01	57.40 5.07 0.00	55.53 5.00 0.00	45.53 4.29 -0.01	37.76 3.65 -0.01	36.94 3.72 -0.01	36.22 3.76 -0.01	35.25 3.57 -0.05	34.88 3.51 -0.26	35.45 3.41 -3.39	37.85 3.56 -4.39	45.00 3.75 -9.45	57.04 4.38 -15.80	62.24 4.98 -12.34	68.71 6.45 -0.29	73.92 6.78 -0.01	58.85 5.38 -0.14	45.59 4.40 -0.06	39.55 3.50 -0.01
HOLTSVILLE_IC_5 23694	42.03 3.50 -0.01	39.72 3.48 0.00	37.23 3.17 -0.01	36.33 2.84 0.00	38.14 3.18 -0.01	44.13 3.94 -0.01	57.40 5.07 0.00	55.53 5.00 0.00	45.53 4.29 -0.01	37.76 3.65 -0.01	36.94 3.72 -0.01	36.22 3.76 -0.01	35.25 3.57 -0.05	34.88 3.51 -0.26	35.45 3.41 -3.39	37.85 3.56 -4.39	45.00 3.75 -9.45	57.04 4.38 -15.80	62.24 4.98 -12.34	68.71 6.45 -0.29	73.92 6.78 -0.01	58.85 5.38 -0.14	45.59 4.40 -0.06	39.55 3.50 -0.01
HOLTSVILLE_IC_6 23695	42.23 3.70 -0.01	39.90 3.66 0.00	37.40 3.34 -0.01	36.50 3.02 0.00	38.32 3.36 -0.01	44.33 4.14 -0.01	57.66 5.34 0.00	55.73 5.21 0.00	45.70 4.45 -0.01	37.90 3.79 -0.01	37.10 3.88 -0.01	36.35 3.89 -0.01	35.37 3.70 -0.05	35.04 3.67 -0.26	35.60 3.55 -3.39	38.00 3.71 -4.39	45.17 3.91 -9.46	57.31 4.61 -15.85	62.55 5.30 -12.34	69.08 6.82 -0.29	74.33 7.19 -0.01	59.18 5.71 -0.14	45.79 4.61 -0.06	39.73 3.68 -0.01
HOLTSVILLE_IC_7 23696	42.23 3.70 -0.01	39.90 3.66 0.00	37.40 3.34 -0.01	36.50 3.02 0.00	38.32 3.36 -0.01	44.33 4.14 -0.01	57.66 5.34 0.00	55.73 5.21 0.00	45.70 4.45 -0.01	37.90 3.79 -0.01	37.10 3.88 -0.01	36.35 3.89 -0.01	35.37 3.70 -0.05	35.04 3.67 -0.26	35.60 3.55 -3.39	38.00 3.71 -4.39	45.17 3.91 -9.46	57.31 4.61 -15.85	62.55 5.30 -12.34	69.08 6.82 -0.29	74.33 7.19 -0.01	59.18 5.71 -0.14	45.79 4.61 -0.06	39.73 3.68 -0.01
HOLTSVILLE_IC_8 23697	42.23 3.70 -0.01	39.90 3.66 0.00	37.40 3.34 -0.01	36.50 3.02 0.00	38.32 3.36 -0.01	44.33 4.14 -0.01	57.66 5.34 0.00	55.73 5.21 0.00	45.70 4.45 -0.01	37.90 3.79 -0.01	37.10 3.88 -0.01	36.35 3.89 -0.01	35.37 3.70 -0.05	35.04 3.67 -0.26	35.60 3.55 -3.39	38.00 3.71 -4.39	45.17 3.91 -9.46	57.31 4.61 -15.85	62.55 5.30 -12.34	69.08 6.82 -0.29	74.33 7.19 -0.01	59.18 5.71 -0.14	45.79 4.61 -0.06	39.73 3.68 -0.01
HOLTSVILLE_IC_9 23698	42.23 3.70 -0.01	39.90 3.66 0.00	37.40 3.34 -0.01	36.50 3.02 0.00	38.32 3.36 -0.01	44.33 4.14 -0.01	57.66 5.34 0.00	55.73 5.21 0.00	45.70 4.45 -0.01	37.90 3.79 -0.01	37.10 3.88 -0.01	36.35 3.89 -0.01	35.37 3.70 -0.05	35.04 3.67 -0.26	35.60 3.55 -3.39	38.00 3.71 -4.39	45.17 3.91 -9.46	57.31 4.61 -15.85	62.55 5.30 -12.34	69.08 6.82 -0.29	74.33 7.19 -0.01	59.18 5.71 -0.14	45.79 4.61 -0.06	39.73 3.68 -0.01
HOMER_HL_115KV_TB2 355744	36.30 -2.20 0.02	34.22 -1.99 0.02	31.85 -2.18 0.02	31.22 -2.24 0.02	32.55 -2.38 0.02	38.32 -1.85 0.02	47.61 -2.51 2.21	48.33 -2.17 0.02	38.66 -2.56 0.02	32.00 -2.08 0.02	31.33 -1.86 0.02	30.68 -1.75 0.02	29.80 -1.80 0.02	29.79 -1.31 0.01	27.78 -1.03 -0.16	29.16 -1.26 -0.51	31.32 -1.37 -0.89	36.22 -1.55 -0.91	37.25 -0.85 6.81	57.22 -1.24 3.52	62.48 -2.75 1.91	50.40 -1.23 1.70	39.36 -1.15 0.61	34.98 -1.05 0.02
HOWARD_WT_PWR 323690	36.91 -1.58 0.03	35.02 -1.19 0.03	32.70 -1.33 0.03	32.19 -1.27 0.03	33.74 -1.19 0.03	38.83 -1.33 0.03	49.73 -1.62 0.97	47.80 -2.68 0.05	39.05 -2.15 0.04	31.92 -2.15 0.04	30.79 -2.39 0.03	29.78 -2.63 0.04	29.03 -2.56 0.04	28.39 -2.68 0.04	26.11 -2.52 0.02	27.23 -2.51 0.16	28.76 -2.77 0.27	32.80 -2.87 1.19	32.58 -2.29 10.04	55.60 -2.79 3.59	62.35 -3.15 1.63	49.08 -2.51 1.74	38.51 -1.97 0.64	33.96 -2.05 0.03
HQ_GEN_CEDARS 23644	37.98 -0.54 0.00	35.73 -0.51 0.00	33.51 -0.54 0.00	32.98 -0.50 0.00	34.39 -0.56 0.00	39.70 -0.48 0.00	51.91 -0.42 0.00	49.72 -0.81 0.00	40.25 -0.99 0.00	33.28 -0.82 0.00	32.28 -0.93 0.00	31.67 -0.78 0.00	30.81 -0.82 0.00	30.30 -0.81 0.00	27.94 -0.72 0.00	29.25 -0.66 0.00	31.10 -0.70 0.00	36.01 -0.85 0.00	44.24 -0.67 0.00	61.30 -0.68 0.00	66.40 -0.74 0.00	52.95 -0.37 0.00	40.68 -0.45 0.00	35.61 -0.43 0.00
HQ_GEN_CEDARS_PROXY 323590	37.98 -0.54 0.00	35.77 -0.47 0.00	33.51 -0.55 0.00	33.02 -0.47 0.00	34.39 -0.56 0.00	39.71 -0.48 0.00	51.75 -0.57 0.00	49.72 -0.81 0.00	40.25 -0.99 0.00	33.28 -0.82 0.00	32.28 -0.93 0.00	31.67 -0.78 0.00	30.81 -0.82 0.00	30.33 -0.78 0.00	27.94 -0.72 0.00	29.25 -0.66 0.00	31.10 -0.70 0.00	36.01 -0.85 0.00	44.24 -0.67 0.00	61.30 -0.68 0.00	66.33 -0.80 0.00	52.96 -0.37 0.00	40.68 -0.45 0.00	35.61 -0.43 0.00

HQ_GEN_CHPE_PROXY 323851	41.22 2.70 0.00	38.92 2.68 0.00	36.47 2.42 0.00	35.66 2.18 0.00	37.29 2.34 0.00	43.16 2.97 0.00	56.30 3.97 0.00	54.36 3.84 0.00	44.54 3.30 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.61 3.23 -0.27	35.00 2.95 -3.40	37.27 2.99 -4.38	42.48 3.08 -7.60	48.29 3.61 -7.82	61.73 4.49 -12.33	68.02 5.76 -0.28	73.18 6.04 0.00	57.94 4.48 -0.13	44.63 3.46 -0.05	38.75 2.70 0.00
HQ_GEN_IMPORT 323601	38.29 -0.23 0.00	36.02 -0.22 0.00	33.82 -0.24 0.00	33.29 -0.20 0.00	34.71 -0.24 0.00	39.95 -0.24 0.00	51.96 -0.36 0.00	50.17 -0.35 0.00	40.86 -0.37 0.00	33.80 -0.31 0.00	32.88 -0.33 0.00	32.16 -0.29 0.00	31.34 -0.29 0.00	30.82 -0.28 0.00	28.39 -0.26 0.00	29.67 -0.24 0.00	31.54 -0.26 0.00	36.52 -0.33 0.00	44.60 -0.31 0.00	61.55 -0.43 0.00	66.67 -0.47 0.00	53.06 -0.27 0.00	40.88 -0.25 0.00	35.83 -0.21 0.00
HQ_GEN_WHEEL 23651	38.29 -0.23 0.00	36.02 -0.22 0.00	33.82 -0.24 0.00	33.29 -0.20 0.00	34.71 -0.24 0.00	39.95 -0.24 0.00	51.96 -0.36 0.00	50.17 -0.35 0.00	40.86 -0.37 0.00	33.80 -0.31 0.00	32.88 -0.33 0.00	32.16 -0.29 0.00	31.34 -0.29 0.00	30.82 -0.28 0.00	28.39 -0.26 0.00	29.67 -0.24 0.00	31.54 -0.26 0.00	36.52 -0.33 0.00	44.60 -0.31 0.00	61.55 -0.43 0.00	66.67 -0.47 0.00	53.06 -0.27 0.00	40.88 -0.25 0.00	35.83 -0.21 0.00
HUDSON AVE_GT_3 23810	41.37 2.85 0.00	38.78 2.54 0.00	36.57 2.52 0.00	35.83 2.34 0.00	37.40 2.45 0.00	43.28 3.09 0.00	56.41 4.08 0.00	54.57 4.04 0.00	44.70 3.46 0.00	37.17 3.07 0.00	36.43 3.22 0.00	35.76 3.31 0.00	34.97 3.29 -0.05	34.73 3.36 -0.27	35.11 3.07 -3.40	37.43 3.14 -4.38	42.62 3.21 -7.61	48.44 3.76 -7.83	59.32 4.67 -9.74	67.99 6.01 0.00	73.45 6.31 0.00	58.02 4.69 0.00	44.71 3.58 0.00	39.03 2.99 0.00
HUDSON AVE_GT_4 23540	41.37 2.85 0.00	38.78 2.54 0.00	36.57 2.52 0.00	35.83 2.34 0.00	37.40 2.45 0.00	43.28 3.09 0.00	56.41 4.08 0.00	54.57 4.04 0.00	44.70 3.46 0.00	37.17 3.07 0.00	36.43 3.22 0.00	35.76 3.31 0.00	34.97 3.29 -0.05	34.73 3.36 -0.27	35.11 3.07 -3.40	37.43 3.14 -4.38	42.62 3.21 -7.61	48.44 3.76 -7.83	59.32 4.67 -9.74	67.99 6.01 0.00	73.45 6.31 0.00	58.02 4.69 0.00	44.71 3.58 0.00	39.03 2.99 0.00
HUDSON AVE_GT_5 23657	41.37 2.85 0.00	38.78 2.54 0.00	36.57 2.52 0.00	35.83 2.34 0.00	37.40 2.45 0.00	43.28 3.09 0.00	56.41 4.08 0.00	54.57 4.04 0.00	44.70 3.46 0.00	37.17 3.07 0.00	36.43 3.22 0.00	35.76 3.31 0.00	34.97 3.29 -0.05	34.73 3.36 -0.27	35.11 3.07 -3.40	37.43 3.14 -4.38	42.62 3.21 -7.61	48.44 3.76 -7.83	59.32 4.67 -9.74	67.99 6.01 0.00	73.45 6.31 0.00	58.02 4.69 0.00	44.71 3.58 0.00	39.03 2.99 0.00
HUDSON_AVE_10 24168	41.18 2.66 0.00	38.59 2.36 0.00	36.39 2.35 0.01	35.66 2.18 0.01	37.21 2.27 0.01	43.07 2.89 0.01	56.09 3.77 0.00	54.32 3.79 0.00	44.45 3.22 0.00	37.00 2.90 0.00	36.23 3.02 0.00	35.57 3.12 0.00	34.78 3.10 -0.05	34.54 3.17 -0.27	34.94 2.89 -3.40	37.25 2.96 -4.38	42.46 3.05 -7.61	48.26 3.57 -7.83	59.09 4.45 -9.74	67.68 5.70 0.00	73.11 5.98 0.00	57.75 4.43 0.00	44.50 3.37 0.00	38.85 2.81 0.01
HUDSON___115KV_TB 4 355613	40.56 2.04 0.00	38.20 1.96 0.00	35.89 1.84 0.00	35.30 1.81 0.00	36.84 1.89 0.00	42.32 2.13 0.00	54.99 2.67 0.00	52.70 2.17 0.00	42.80 1.57 0.00	35.16 1.06 0.00	34.21 1.00 0.00	33.36 0.91 0.00	32.50 0.85 -0.01	32.23 0.84 -0.29	33.22 0.63 -3.94	35.74 0.75 -5.09	41.59 0.95 -8.84	47.27 1.33 -9.09	58.15 1.93 -11.31	65.14 3.16 0.00	70.56 3.42 0.00	56.10 2.77 0.00	43.39 2.26 0.00	38.06 2.02 0.00
HUNTER MOUNT___DRP 323613	40.68 2.16 0.00	38.34 2.10 0.00	36.03 1.98 0.00	35.43 1.94 0.00	36.98 2.03 0.00	42.48 2.29 0.00	55.20 2.88 0.00	52.90 2.37 0.00	42.84 1.61 0.00	35.16 1.06 0.00	34.17 0.96 0.00	33.33 0.88 0.00	32.43 0.79 -0.01	32.20 0.81 -0.28	32.98 0.46 -3.87	35.51 0.60 -5.00	41.31 0.83 -8.68	46.97 1.18 -8.93	57.87 1.84 -11.12	65.32 3.35 0.00	70.83 3.69 0.00	56.31 2.99 0.00	43.51 2.39 0.00	38.17 2.13 0.00
HUNTINGTON_RES_REC 323705	41.96 3.43 -0.01	39.61 3.37 0.00	37.13 3.07 -0.01	36.27 2.78 0.00	38.07 3.11 -0.01	44.01 3.82 -0.01	57.30 4.97 0.00	55.38 4.85 0.00	45.37 4.12 -0.01	37.63 3.51 -0.01	36.81 3.59 -0.01	36.09 3.63 -0.01	35.12 3.45 -0.05	34.79 3.42 -0.26	35.37 3.32 -3.39	37.73 3.44 -4.39	44.92 3.66 -9.47	57.03 4.31 -15.87	62.06 4.81 -12.34	68.40 6.14 -0.29	73.59 6.45 -0.01	58.75 5.28 -0.14	45.46 4.28 -0.06	39.48 3.43 -0.01
HUNTLEY___63 23557	35.11 -3.39 0.02	33.40 -2.83 0.02	31.28 -2.76 0.02	30.86 -2.61 0.02	32.07 -2.87 0.02	36.15 -4.02 0.02	44.65 -5.39 2.29	45.05 -5.46 0.01	37.84 -3.38 0.02	31.19 -2.90 0.02	30.07 -3.12 0.02	29.03 -3.41 0.02	28.42 -3.19 0.02	27.74 -3.36 0.00	25.60 -3.21 -0.16	26.97 -3.38 -0.44	28.88 -3.69 -0.77	33.67 -3.98 -0.79	35.16 -4.09 5.66	52.20 -6.32 3.46	58.70 -6.58 1.86	46.41 -5.23 1.69	36.94 -3.58 0.61	32.89 -3.14 0.02
HUNTLEY___64 23558	35.11 -3.39 0.02	33.40 -2.83 0.02	31.28 -2.76 0.02	30.86 -2.61 0.02	32.07 -2.87 0.02	36.15 -4.02 0.02	44.65 -5.39 2.29	45.05 -5.46 0.01	37.84 -3.38 0.02	31.19 -2.90 0.02	30.07 -3.12 0.02	29.03 -3.41 0.02	28.42 -3.19 0.02	27.74 -3.36 0.00	25.60 -3.21 -0.16	26.97 -3.38 -0.44	28.88 -3.69 -0.77	33.67 -3.98 -0.79	35.16 -4.09 5.66	52.20 -6.32 3.46	58.70 -6.58 1.86	46.41 -5.23 1.69	36.94 -3.58 0.61	32.89 -3.14 0.02
HUNTLEY___65 23559	35.11 -3.39 0.02	33.40 -2.83 0.02	31.28 -2.76 0.02	30.86 -2.61 0.02	32.07 -2.87 0.02	36.15 -4.02 0.02	44.65 -5.39 2.29	45.05 -5.46 0.01	37.84 -3.38 0.02	31.19 -2.90 0.02	30.07 -3.12 0.02	29.03 -3.41 0.02	28.42 -3.19 0.02	27.74 -3.36 0.00	25.60 -3.21 -0.16	26.97 -3.38 -0.44	28.88 -3.69 -0.77	33.67 -3.98 -0.79	35.16 -4.09 5.66	52.20 -6.32 3.46	58.70 -6.58 1.86	46.41 -5.23 1.69	36.94 -3.58 0.61	32.89 -3.14 0.02
HUNTLEY___66 23560	35.11 -3.39 0.02	33.40 -2.83 0.02	31.28 -2.76 0.02	30.86 -2.61 0.02	32.07 -2.87 0.02	36.15 -4.02 0.02	44.65 -5.39 2.29	45.05 -5.46 0.01	37.84 -3.38 0.02	31.19 -2.90 0.02	30.07 -3.12 0.02	29.03 -3.41 0.02	28.42 -3.19 0.02	27.74 -3.36 0.00	25.60 -3.21 -0.16	26.97 -3.38 -0.44	28.88 -3.69 -0.77	33.67 -3.98 -0.79	35.16 -4.09 5.66	52.20 -6.32 3.46	58.70 -6.58 1.86	46.41 -5.23 1.69	36.94 -3.58 0.61	32.89 -3.14 0.02
HUNTLEY___67 23561	35.23 -3.27 0.02	33.47 -2.75 0.02	31.35 -2.69 0.02	30.93 -2.55 0.02	32.14 -2.80 0.02	36.27 -3.90 0.02	44.77 -5.28 2.27	45.31 -5.20 0.02	37.88 -3.34 0.02	31.29 -2.80 0.02	30.21 -2.99 0.01	29.19 -3.25 0.02	28.54 -3.07 0.02	27.96 -3.14 0.00	25.80 -3.01 -0.16	27.18 -3.17 -0.45	29.08 -3.50 -0.78	33.68 -3.98 -0.80	35.10 -4.04 5.77	52.39 -6.07 3.51	58.89 -6.38 1.87	46.62 -5.01 1.69	37.02 -3.50 0.61	33.00 -3.03 0.02



HUNTLEY___68 23562	35.23 -3.27 0.02	33.47 -2.75 0.02	31.35 -2.69 0.02	30.93 -2.55 0.02	32.14 -2.80 0.02	36.27 -3.90 0.02	44.77 -5.28 2.27	45.31 -5.20 0.02	37.88 -3.34 0.02	31.29 -2.80 0.02	30.21 -2.99 0.01	29.19 -3.25 0.02	28.54 -3.07 0.02	27.96 -3.14 0.00	25.80 -3.01 -0.16	27.18 -3.17 -0.45	29.08 -3.50 -0.78	33.68 -3.98 -0.80	35.10 -4.04 5.77	52.39 -6.07 3.51	58.89 -6.38 1.87	46.62 -5.01 1.69	37.02 -3.50 0.61	33.00 -3.03 0.02
HYLAND___LFGE 323620	38.15 -0.35 0.02	35.57 -0.65 0.02	33.76 -0.27 0.02	33.37 -0.10 0.02	34.90 -0.03 0.02	39.80 -0.36 0.02	50.28 -0.42 1.63	49.44 -1.06 0.03	40.35 -0.87 0.02	32.78 -1.30 0.02	31.36 -1.83 0.02	30.22 -2.21 0.02	29.55 -2.06 0.02	28.85 -2.24 0.01	26.75 -2.01 -0.10	27.86 -2.00 0.05	29.66 -2.07 0.07	34.37 -1.77 0.72	37.33 -0.63 6.95	58.43 -0.06 3.49	65.69 0.34 1.79	51.38 -0.27 1.68	40.15 -0.37 0.61	35.66 -0.36 0.02
INDECK___CORINTH 23802	40.99 2.47 0.00	38.67 2.43 0.00	36.26 2.21 0.00	35.66 2.18 0.00	37.26 2.31 0.00	42.96 2.77 0.00	56.04 3.72 0.00	53.51 2.98 0.00	43.34 2.10 0.00	35.53 1.43 0.00	34.50 1.29 0.00	33.62 1.17 0.00	32.68 1.04 -0.01	32.43 1.02 -0.30	33.74 0.97 -4.11	36.18 0.96 -5.32	42.43 1.40 -9.23	48.27 1.92 -9.50	59.86 2.47 -12.48	65.76 3.78 0.00	71.23 4.10 0.00	57.00 3.68 0.00	43.88 2.76 0.00	38.32 2.27 0.00
INDECK___ILION 23567	39.87 1.35 0.00	37.47 1.23 0.00	35.24 1.19 0.00	34.66 1.17 0.00	36.21 1.26 0.00	41.67 1.49 0.00	54.36 2.04 0.00	52.29 1.77 0.00	42.39 1.15 0.00	34.92 0.82 0.00	33.84 0.63 0.00	33.00 0.55 0.00	32.04 0.41 0.00	31.51 0.40 0.00	28.91 0.26 0.00	30.20 0.30 0.00	32.09 0.29 0.00	37.26 0.41 0.00	45.76 0.85 0.00	63.77 1.80 0.00	69.35 2.22 0.00	55.09 1.76 0.00	42.48 1.36 0.00	37.27 1.23 0.00
INDECK___OLEAN 23982	36.19 -2.31 0.02	35.20 -1.01 0.02	31.85 -2.18 0.02	30.92 -2.55 0.02	32.55 -2.38 0.02	38.16 -2.01 0.02	47.36 -2.67 2.30	48.38 -2.12 0.02	38.66 -2.56 0.02	32.00 -2.08 0.02	31.37 -1.83 0.02	30.68 -1.75 0.02	29.77 -1.84 0.02	29.88 -1.21 0.01	27.63 -1.18 -0.16	28.59 -1.25 0.06	30.31 -1.40 0.09	34.56 -1.55 0.75	37.59 -0.85 6.47	57.27 -1.18 3.53	62.57 -2.69 1.88	50.45 -1.17 1.71	39.48 -1.03 0.62	33.82 -2.20 0.02
INDECK___OSWEGO 23783	37.71 -0.81 0.00	35.44 -0.80 0.00	33.37 -0.68 0.00	32.82 -0.67 0.00	34.29 -0.67 0.00	39.30 -0.88 0.00	51.28 -1.05 0.00	49.31 -1.21 0.00	40.29 -0.95 0.00	33.35 -0.75 0.00	32.45 -0.76 0.00	31.67 -0.78 0.00	30.87 -0.76 0.00	30.31 -0.81 -0.02	28.17 -0.72 -0.23	29.43 -0.78 -0.31	31.44 -0.89 -0.53	36.22 -1.18 -0.55	43.84 -1.26 -0.19	64.04 -1.55 -3.61	69.00 -1.61 -3.47	53.46 -1.44 -1.58	40.49 -1.11 -0.47	35.14 -0.90 0.00
INDECK___YERKES 23781	35.19 -3.31 0.02	32.85 -3.37 0.02	31.31 -2.73 0.02	30.96 -2.51 0.02	32.11 -2.83 0.02	36.15 -4.02 0.02	44.59 -5.44 2.29	45.05 -5.46 0.02	37.88 -3.34 0.02	31.22 -2.86 0.02	30.07 -3.12 0.02	29.03 -3.41 0.02	28.45 -3.16 0.02	27.62 -3.48 0.00	25.60 -3.21 -0.16	26.57 -3.35 -0.01	28.14 -3.69 -0.03	32.39 -3.98 0.48	35.52 -4.04 5.34	52.25 -6.26 3.47	58.90 -6.38 1.86	46.47 -5.17 1.69	36.98 -3.54 0.61	33.18 -2.85 0.02
INDIAN POINT_GT_1 24139	41.02 2.50 0.00	38.49 2.25 0.00	36.27 2.21 0.00	35.56 2.08 0.00	37.12 2.17 0.00	42.96 2.77 0.00	55.93 3.61 0.00	54.06 3.54 0.00	44.20 2.97 0.00	36.69 2.59 0.00	35.93 2.72 0.00	35.24 2.79 0.00	34.42 2.75 -0.04	34.18 2.83 -0.24	34.62 2.61 -3.36	36.92 2.66 -4.35	42.15 2.80 -7.55	47.91 3.28 -7.77	58.62 4.04 -9.67	67.18 5.21 0.00	72.71 5.57 0.00	57.49 4.16 0.00	44.29 3.17 0.00	38.71 2.67 0.00
INDIAN POINT_GT_2 23659	41.02 2.50 0.00	38.49 2.25 0.00	36.27 2.21 0.00	35.56 2.08 0.00	37.12 2.17 0.00	42.96 2.77 0.00	55.93 3.61 0.00	54.06 3.54 0.00	44.20 2.97 0.00	36.69 2.59 0.00	35.93 2.72 0.00	35.24 2.79 0.00	34.42 2.75 -0.04	34.18 2.83 -0.24	34.62 2.61 -3.36	36.92 2.66 -4.35	42.15 2.80 -7.55	47.91 3.28 -7.77	58.62 4.04 -9.67	67.18 5.21 0.00	72.71 5.57 0.00	57.49 4.16 0.00	44.29 3.17 0.00	38.71 2.67 0.00
INDIAN POINT_GT_3 24019	41.02 2.50 0.00	38.49 2.25 0.00	36.27 2.21 0.00	35.56 2.08 0.00	37.12 2.17 0.00	42.96 2.77 0.00	55.93 3.61 0.00	54.06 3.54 0.00	44.20 2.97 0.00	36.69 2.59 0.00	35.93 2.72 0.00	35.24 2.79 0.00	34.42 2.75 -0.04	34.18 2.83 -0.24	34.62 2.61 -3.36	36.92 2.66 -4.35	42.15 2.80 -7.55	47.91 3.28 -7.77	58.62 4.04 -9.67	67.18 5.21 0.00	72.71 5.57 0.00	57.49 4.16 0.00	44.29 3.17 0.00	38.71 2.67 0.00
INDIAN POINT___2 23530	40.99 2.47 0.00	38.70 2.47 0.00	36.26 2.21 0.00	35.50 2.01 0.00	37.12 2.17 0.00	42.96 2.77 0.00	55.99 3.66 0.00	54.06 3.54 0.00	44.24 3.01 0.00	36.69 2.59 0.00	35.96 2.75 0.00	35.24 2.79 0.00	34.42 2.75 -0.04	34.18 2.83 -0.24	34.59 2.61 -3.33	36.87 2.66 -4.30	42.07 2.80 -7.47	47.82 3.28 -7.69	61.20 4.04 -12.25	67.47 5.21 -0.29	72.64 5.51 0.00	57.57 4.11 -0.14	44.35 3.17 -0.05	38.53 2.49 0.00
INDIAN POINT___3 23531	40.99 2.47 0.00	38.49 2.25 0.00	36.27 2.21 0.00	35.56 2.08 0.00	37.12 2.17 0.00	42.92 2.73 0.00	55.88 3.56 0.00	54.01 3.49 0.00	44.20 2.97 0.00	36.69 2.59 0.00	35.93 2.72 0.00	35.21 2.76 0.00	34.42 2.75 -0.04	34.15 2.80 -0.24	34.60 2.58 -3.37	36.89 2.63 -4.35	42.12 2.77 -7.56	47.87 3.24 -7.78	58.58 4.00 -9.67	67.18 5.21 0.00	72.64 5.51 0.00	57.43 4.11 0.00	44.29 3.17 0.00	38.67 2.63 0.00
INDIANHD_69_KV_BK1 55831	42.11 3.58 -0.01	39.50 3.26 0.00	37.26 3.20 -0.01	36.53 3.05 0.00	38.18 3.22 -0.01	44.13 3.94 -0.01	57.35 5.02 0.00	55.53 5.00 0.00	45.49 4.25 -0.01	37.73 3.61 -0.01	36.91 3.69 -0.01	36.19 3.73 -0.01	35.22 3.54 -0.05	34.85 3.48 -0.26	35.46 3.41 -3.39	37.86 3.56 -4.39	45.02 3.75 -9.47	57.14 4.42 -15.87	59.69 5.03 -9.75	68.43 6.45 -0.01	73.99 6.85 -0.01	58.83 5.49 -0.01	45.54 4.40 -0.01	39.76 3.71 -0.01
INGHAM_C_115KV_TB7 356103	39.87 1.35 0.00	37.47 1.23 0.00	35.24 1.19 0.00	34.66 1.17 0.00	36.21 1.26 0.00	41.67 1.49 0.00	54.36 2.04 0.00	52.29 1.77 0.00	42.39 1.15 0.00	34.92 0.82 0.00	33.84 0.63 0.00	33.00 0.55 0.00	32.04 0.41 0.00	31.51 0.40 0.00	28.91 0.26 0.00	30.20 0.30 0.00	32.09 0.29 0.00	37.26 0.41 0.00	45.76 0.85 0.00	63.77 1.80 0.00	69.35 2.22 0.00	55.09 1.76 0.00	42.48 1.36 0.00	37.27 1.23 0.00
IP CORINTH___1 23988	40.99 2.47 0.00	38.63 2.39 0.00	36.27 2.21 0.00	35.70 2.21 0.00	37.26 2.31 0.00	42.96 2.77 0.00	55.93 3.61 0.00	53.51 2.98 0.00	43.34 2.10 0.00	35.54 1.43 0.00	34.51 1.30 0.00	33.62 1.17 0.00	32.68 1.04 -0.01	32.43 1.03 -0.30	33.74 0.97 -4.11	36.18 0.96 -5.32	42.43 1.40 -9.24	48.27 1.92 -9.50	59.18 2.47 -11.81	65.76 3.78 0.00	71.23 4.10 0.00	57.01 3.68 0.00	43.88 2.76 0.00	38.35 2.31 0.00

IP___TICONDEROGA 23804	42.06 3.54 0.00	39.68 3.44 0.00	37.22 3.17 0.00	36.67 3.18 0.00	38.27 3.32 0.00	44.16 3.98 0.00	57.66 5.34 0.00	54.77 4.24 0.00	44.08 2.85 0.00	35.88 1.77 0.00	34.77 1.56 0.00	33.78 1.33 0.00	32.78 1.14 -0.01	32.52 1.12 -0.30	33.82 1.06 -4.11	36.45 1.23 -5.31	42.81 1.78 -9.23	48.93 2.58 -9.49	60.38 3.68 -11.79	67.93 5.95 0.00	73.58 6.45 0.00	58.82 5.49 0.00	45.12 3.99 0.00	39.29 3.24 0.00
ISLIP_RES_REC 323679	42.34 3.81 -0.01	40.01 3.77 0.00	37.54 3.48 -0.01	36.60 3.11 0.00	38.42 3.46 -0.01	44.45 4.26 -0.01	57.82 5.49 0.00	55.93 5.41 0.00	45.86 4.62 -0.01	38.03 3.92 -0.01	37.24 4.02 -0.01	36.48 4.02 -0.01	35.50 3.83 -0.05	35.13 3.76 -0.26	35.71 3.67 -3.39	38.12 3.83 -4.39	45.31 4.04 -9.47	57.49 4.76 -15.88	62.73 5.48 -12.34	69.39 7.12 -0.29	74.66 7.52 -0.01	59.39 5.92 -0.14	45.96 4.77 -0.06	39.87 3.82 -0.01
JAMAICA__27_KV_LOAD 355505	41.29 2.77 0.00	38.70 2.46 0.00	36.50 2.45 0.01	35.76 2.28 0.01	37.32 2.38 0.01	43.23 3.05 0.01	56.30 3.98 0.00	54.47 3.94 0.00	44.58 3.34 0.00	37.07 2.97 0.00	36.33 3.12 0.00	35.66 3.21 0.00	34.87 3.19 -0.05	34.64 3.27 -0.27	35.03 2.98 -3.40	37.34 3.05 -4.38	42.52 3.12 -7.61	48.37 3.69 -7.83	59.32 4.67 -9.74	67.87 5.89 0.00	73.31 6.18 0.00	58.02 4.69 0.00	44.62 3.50 0.00	38.95 2.92 0.01
JANIS___SOLAR 323808	39.83 1.31 0.00	37.51 1.27 0.00	35.17 1.12 0.00	34.56 1.07 0.00	36.21 1.26 0.00	41.71 1.53 0.00	55.94 2.62 -1.00	52.33 1.77 -0.04	41.96 0.70 -0.03	34.34 0.21 -0.03	33.07 -0.17 -0.02	32.19 -0.29 -0.03	31.28 -0.38 -0.03	30.93 -0.28 -0.10	29.49 -0.26 -1.10	30.81 -0.12 -1.02	33.57 0.00 -1.77	39.15 0.48 -1.82	49.30 1.57 -2.82	64.65 3.10 0.42	70.58 3.42 -0.02	55.43 2.34 0.24	42.59 1.56 0.10	37.30 1.26 0.00
JARVIS____ 23743	38.71 0.19 0.00	36.46 0.22 0.00	34.26 0.21 0.00	33.66 0.17 0.00	35.13 0.18 0.00	40.39 0.20 0.00	52.59 0.26 0.00	50.68 0.15 0.00	41.36 0.12 0.00	34.17 0.07 0.00	33.31 0.10 0.00	32.52 0.07 0.00	31.69 0.06 0.00	31.17 0.06 0.00	28.71 0.06 0.00	29.97 0.06 0.00	31.86 0.06 0.00	36.97 0.11 0.00	45.18 0.27 0.00	62.35 0.37 0.00	67.54 0.41 0.00	53.65 0.32 0.00	41.42 0.29 0.00	36.26 0.22 0.00
JENNISON___1 23625	39.99 1.46 -0.01	37.63 1.38 -0.01	35.25 1.19 -0.01	34.64 1.14 -0.01	36.25 1.29 -0.01	41.76 1.57 -0.01	57.07 3.14 -1.61	52.96 2.43 -0.01	42.52 1.28 -0.01	34.97 0.85 -0.01	33.78 0.56 -0.01	32.88 0.42 -0.01	31.93 0.28 -0.02	31.67 0.47 -0.09	30.24 0.43 -1.16	31.89 0.63 -1.35	34.82 0.67 -2.35	40.41 1.14 -2.42	55.45 1.93 -8.61	65.99 3.41 -0.60	71.15 3.76 -0.25	56.24 2.67 -0.25	43.07 1.85 -0.09	37.60 1.55 -0.01
JENNISON___2 23626	39.99 1.46 -0.01	37.63 1.38 -0.01	35.25 1.19 -0.01	34.64 1.14 -0.01	36.25 1.29 -0.01	41.76 1.57 -0.01	57.07 3.14 -1.61	52.96 2.43 -0.01	42.52 1.28 -0.01	34.97 0.85 -0.01	33.78 0.56 -0.01	32.88 0.42 -0.01	31.93 0.28 -0.02	31.67 0.47 -0.09	30.24 0.43 -1.16	31.89 0.63 -1.35	34.82 0.67 -2.35	40.41 1.14 -2.42	55.45 1.93 -8.61	65.99 3.41 -0.60	71.15 3.76 -0.25	56.24 2.67 -0.25	43.07 1.85 -0.09	37.60 1.55 -0.01
JERICHO_RISE_WT_PWR 323719	37.90 -0.62 0.00	35.62 -0.62 0.00	33.37 -0.68 0.00	32.89 -0.60 0.00	34.25 -0.70 0.00	39.46 -0.72 0.00	51.38 -0.94 0.00	49.41 -1.11 0.00	40.12 -1.11 0.00	33.15 -0.95 0.00	32.21 -1.00 0.00	31.54 -0.91 0.00	30.74 -0.89 0.00	30.27 -0.84 0.00	27.88 -0.77 0.00	29.16 -0.75 0.00	31.01 -0.79 0.00	35.93 -0.92 0.00	44.01 -0.90 0.00	60.92 -1.05 0.00	66.06 -1.08 0.00	52.58 -0.75 0.00	40.43 -0.70 0.00	35.43 -0.61 0.00
KATONAH___115KV_46KV_TB4 355592	41.10 2.58 0.00	38.63 2.39 0.00	36.33 2.28 0.00	35.66 2.18 0.00	37.22 2.27 0.00	43.08 2.89 0.00	56.09 3.77 0.00	54.16 3.64 0.00	44.25 3.01 0.00	36.66 2.56 0.00	35.93 2.72 0.00	35.27 2.82 0.00	34.39 2.72 -0.04	34.16 2.80 -0.25	34.69 2.61 -3.43	37.03 2.69 -4.44	42.33 2.83 -7.70	48.13 3.35 -7.93	58.90 4.13 -9.86	67.31 5.33 0.00	72.98 5.84 0.00	57.65 4.32 0.00	44.42 3.29 0.00	38.78 2.74 0.00
KCE_NY_1 323755	40.91 2.39 0.00	38.56 2.32 0.00	36.20 2.15 0.00	35.56 2.08 0.00	37.15 2.20 0.00	42.76 2.57 0.00	55.78 3.45 0.00	53.30 2.78 0.00	43.26 2.02 0.00	35.53 1.43 0.00	34.54 1.33 0.00	33.65 1.20 0.00	32.78 1.14 -0.01	32.49 1.09 -0.30	33.78 1.03 -4.09	36.33 1.14 -5.29	42.51 1.53 -9.18	48.33 2.03 -9.45	59.83 2.47 -12.45	65.63 3.66 0.00	71.03 3.89 0.00	56.63 3.31 0.00	43.64 2.51 0.00	38.10 2.05 0.00
KCE_NY_6_ESR 323823	35.65 -2.85 0.02	33.65 -2.57 0.02	31.62 -2.42 0.02	31.12 -2.35 0.02	32.38 -2.55 0.02	36.87 -3.29 0.02	45.56 -4.50 2.27	46.06 -4.45 0.02	38.29 -2.93 0.02	31.56 -2.52 0.02	30.51 -2.69 0.02	29.55 -2.89 0.02	28.86 -2.75 0.02	28.24 -2.86 0.00	26.14 -2.66 -0.16	27.14 -2.75 0.01	28.73 -3.05 0.02	32.88 -3.39 0.59	35.89 -3.23 5.79	53.69 -4.77 3.51	60.10 -5.17 1.87	47.68 -3.95 1.70	37.76 -2.76 0.61	33.50 -2.52 0.02
KEDC_PORT_JEFF_GT2 24210	42.19 3.66 -0.01	39.86 3.62 0.00	37.36 3.30 -0.01	36.47 2.98 0.00	38.24 3.28 -0.01	44.30 4.10 -0.01	57.61 5.28 0.00	55.68 5.16 0.00	45.66 4.41 -0.01	37.86 3.75 -0.01	37.07 3.85 -0.01	36.32 3.86 -0.01	35.34 3.67 -0.05	34.97 3.61 -0.26	35.57 3.52 -3.39	37.94 3.65 -4.39	45.14 3.88 -9.46	57.26 4.57 -15.83	62.46 5.21 -12.34	69.02 6.76 -0.29	74.26 7.11 -0.01	59.12 5.65 -0.14	45.75 4.56 -0.06	39.69 3.64 -0.01
KEDC_PORT_JEFF_GT3 24211	42.19 3.66 -0.01	39.86 3.62 0.00	37.36 3.30 -0.01	36.47 2.98 0.00	38.24 3.28 -0.01	44.30 4.10 -0.01	57.61 5.28 0.00	55.68 5.16 0.00	45.66 4.41 -0.01	37.86 3.75 -0.01	37.07 3.85 -0.01	36.32 3.86 -0.01	35.34 3.67 -0.05	34.97 3.61 -0.26	35.57 3.52 -3.39	37.94 3.65 -4.39	45.14 3.88 -9.46	57.26 4.57 -15.83	62.46 5.21 -12.34	69.02 6.76 -0.29	74.26 7.11 -0.01	59.12 5.65 -0.14	45.75 4.56 -0.06	39.69 3.64 -0.01
KEDC_GLWD_GT4 24219	41.69 3.16 -0.01	39.32 3.08 0.00	36.89 2.82 -0.01	36.07 2.58 0.00	37.79 2.83 -0.01	43.69 3.49 -0.01	56.93 4.61 0.00	54.97 4.45 0.00	45.04 3.79 -0.01	37.39 3.27 -0.01	36.61 3.39 -0.01	35.90 3.44 -0.01	34.99 3.32 -0.05	34.73 3.36 -0.26	35.20 3.15 -3.39	37.53 3.23 -4.39	45.72 3.37 -10.55	61.35 3.95 -20.55	62.07 4.81 -12.35	68.47 6.20 -0.30	73.73 6.58 -0.01	58.48 5.01 -0.15	45.10 3.91 -0.06	39.19 3.13 -0.01
KEDC_GLWD_GT5 24220	41.69 3.16 -0.01	39.32 3.08 0.00	36.89 2.82 -0.01	36.07 2.58 0.00	37.79 2.83 -0.01	43.69 3.49 -0.01	56.93 4.61 0.00	54.97 4.45 0.00	45.04 3.79 -0.01	37.39 3.27 -0.01	36.61 3.39 -0.01	35.90 3.44 -0.01	34.99 3.32 -0.05	34.73 3.36 -0.26	35.20 3.15 -3.39	37.53 3.23 -4.39	45.72 3.37 -10.55	61.35 3.95 -20.55	62.07 4.81 -12.35	68.47 6.20 -0.30	73.73 6.58 -0.01	58.48 5.01 -0.15	45.10 3.91 -0.06	39.19 3.13 -0.01

KENSICO____ 23655	41.10 2.58 0.00	38.59 2.36 0.00	36.33 2.28 0.00	35.63 2.14 0.00	37.19 2.24 0.00	43.04 2.85 0.00	56.04 3.72 0.00	54.16 3.64 0.00	44.33 3.09 0.00	36.83 2.73 0.00	36.07 2.86 0.00	35.37 2.92 0.00	34.54 2.88 -0.04	34.30 2.96 -0.24	34.76 2.72 -3.38	37.06 2.78 -4.38	42.29 2.89 -7.60	48.10 3.43 -7.82	58.86 4.22 -9.73	67.43 5.45 0.00	72.84 5.71 0.00	57.59 4.27 0.00	44.42 3.29 0.00	38.78 2.74 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	41.10 2.58 0.00	38.63 2.39 0.00	36.33 2.28 0.00	35.66 2.18 0.00	37.22 2.27 0.00	43.16 2.97 0.00	56.30 3.98 0.00	54.32 3.79 0.00	44.29 3.05 0.00	36.56 2.46 0.00	35.73 2.52 0.00	34.95 2.50 0.00	34.12 2.47 -0.03	33.89 2.55 -0.24	34.25 2.35 -3.25	36.60 2.48 -4.21	41.74 2.64 -7.30	47.54 3.17 -7.51	58.30 4.04 -9.35	67.49 5.52 0.00	73.11 5.98 0.00	57.70 4.37 0.00	44.46 3.33 0.00	38.75 2.70 0.00
KIAC_JFK_GT1 23816	41.10 2.58 0.00	38.52 2.28 0.00	36.29 2.25 0.01	35.59 2.11 0.01	37.14 2.20 0.01	42.99 2.81 0.01	55.99 3.66 0.00	54.21 3.69 0.00	44.33 3.09 0.00	36.90 2.80 0.00	36.13 2.92 0.00	35.50 3.05 0.00	34.68 3.00 -0.05	34.48 3.11 -0.27	34.88 2.84 -3.40	37.19 2.90 -4.38	42.36 2.96 -7.61	48.14 3.46 -7.83	59.05 4.40 -9.74	67.25 5.27 0.00	72.64 5.51 0.00	57.70 4.37 0.00	44.42 3.29 0.00	38.77 2.74 0.01
KIAC_JFK_GT2 23817	41.10 2.58 0.00	38.52 2.28 0.00	36.29 2.25 0.01	35.59 2.11 0.01	37.14 2.20 0.01	42.99 2.81 0.01	55.99 3.66 0.00	54.21 3.69 0.00	44.33 3.09 0.00	36.90 2.80 0.00	36.13 2.92 0.00	35.50 3.05 0.00	34.68 3.00 -0.05	34.48 3.11 -0.27	34.88 2.84 -3.40	37.19 2.90 -4.38	42.36 2.96 -7.61	48.14 3.46 -7.83	59.05 4.40 -9.74	67.25 5.27 0.00	72.64 5.51 0.00	57.70 4.37 0.00	44.42 3.29 0.00	38.77 2.74 0.01
KIAC_JFK____ 323774	41.10 2.58 0.00	38.74 2.50 0.00	36.29 2.25 0.01	35.52 2.04 0.01	37.15 2.20 0.01	42.99 2.81 0.01	56.09 3.77 0.00	54.21 3.69 0.00	44.37 3.13 0.00	36.90 2.80 0.00	36.16 2.95 0.00	35.50 3.05 0.00	34.68 3.01 -0.05	34.48 3.11 -0.27	34.86 2.81 -3.40	37.16 2.87 -4.38	42.36 2.96 -7.60	48.14 3.46 -7.82	61.65 4.40 -12.33	67.52 5.27 -0.28	72.64 5.51 0.00	57.78 4.32 -0.13	44.47 3.29 -0.05	38.59 2.56 0.01
KINTIGH_24_KV_GSU 356498	35.58 -2.93 0.01	32.89 -3.33 0.01	31.65 -2.38 0.01	31.43 -2.04 0.01	32.53 -2.41 0.01	36.44 -3.74 0.01	44.90 -5.13 2.30	45.61 -4.90 0.01	38.34 -2.89 0.01	31.63 -2.46 0.01	30.44 -2.76 0.01	29.42 -3.02 0.01	28.83 -3.14 0.01	27.97 -2.86 0.00	25.95 -2.86 -0.17	26.83 -3.14 -0.06	28.51 -3.40 -0.11	32.65 -3.91 0.29	36.29 -4.09 4.54	52.39 -6.07 3.52	59.43 -5.84 1.87	46.51 -5.12 1.70	36.94 -3.58 0.61	33.54 -2.49 0.01
KINTIGH____ 23543	35.54 -2.97 0.01	33.69 -2.54 0.01	31.66 -2.38 0.01	31.30 -2.18 0.01	32.53 -2.41 0.01	36.44 -3.74 0.01	44.95 -5.08 2.30	45.61 -4.90 0.01	38.34 -2.89 0.01	31.64 -2.46 0.01	30.48 -2.72 0.01	29.45 -2.99 0.01	28.83 -2.78 0.01	28.12 -2.99 0.00	25.92 -2.89 -0.17	27.20 -3.11 -0.40	29.09 -3.40 -0.70	33.66 -3.91 -0.72	35.99 -4.09 4.83	52.39 -6.07 3.51	59.29 -5.98 1.87	46.51 -5.12 1.69	36.94 -3.58 0.61	33.00 -3.03 0.01
KNTFSRNC_46_KV_46KV_LOAD 80397	38.41 -0.12 0.00	36.09 -0.14 0.00	33.78 -0.27 0.00	33.29 -0.20 0.00	34.71 -0.24 0.00	40.11 -0.08 0.00	52.43 0.10 0.00	50.17 -0.35 0.00	40.62 -0.62 0.00	33.56 -0.55 0.00	32.51 -0.70 0.00	31.90 -0.55 0.00	31.06 -0.57 0.00	30.51 -0.59 0.00	28.16 -0.49 0.00	29.49 -0.42 0.00	31.39 -0.41 0.00	36.34 -0.52 0.00	44.68 -0.22 0.00	62.04 0.06 0.00	67.20 0.07 0.00	53.49 0.16 0.00	41.00 -0.12 0.00	35.93 -0.11 0.00
LACHUTE____HYDRO 323717	42.06 3.54 0.00	39.75 3.51 0.00	37.22 3.17 0.00	36.63 3.15 0.00	38.31 3.36 0.00	44.16 3.98 0.00	57.77 5.44 0.00	54.77 4.24 0.00	44.08 2.84 0.00	35.88 1.77 0.00	34.77 1.56 0.00	33.78 1.33 0.00	32.78 1.14 -0.01	32.52 1.12 -0.30	33.82 1.06 -4.11	36.44 1.23 -5.31	42.80 1.78 -9.22	48.92 2.58 -9.49	61.06 3.68 -12.47	67.93 5.95 0.00	73.58 6.45 0.00	58.82 5.49 0.00	45.12 3.99 0.00	39.22 3.17 0.00
LAWRNCV_115KV_TB1 80681	37.06 -1.46 0.00	34.86 -1.38 0.00	32.66 -1.40 0.00	32.15 -1.34 0.00	33.55 -1.40 0.00	38.74 -1.45 0.00	50.75 -1.57 0.00	48.61 -1.92 0.00	39.17 -2.06 0.00	32.40 -1.71 0.00	31.38 -1.83 0.00	30.80 -1.66 0.00	29.92 -1.71 0.00	29.39 -1.71 0.00	27.10 -1.55 0.00	28.41 -1.50 0.00	30.21 -1.59 0.00	35.01 -1.84 0.00	43.20 -1.71 0.00	60.07 -1.98 -0.07	65.21 -2.08 -0.15	51.91 -1.44 -0.02	39.77 -1.36 0.00	34.82 -1.23 0.00
LEDERLE____ 23769	41.14 2.62 0.00	38.63 2.39 0.00	36.37 2.32 0.00	35.70 2.21 0.00	37.26 2.31 0.00	43.12 2.93 0.00	56.14 3.82 0.00	54.26 3.74 0.00	44.37 3.13 0.00	36.83 2.73 0.00	36.03 2.82 0.00	35.34 2.89 0.00	34.51 2.85 -0.04	34.24 2.89 -0.24	34.62 2.66 -3.30	36.93 2.75 -4.27	42.11 2.89 -7.42	47.88 3.39 -7.64	58.63 4.22 -9.50	67.49 5.52 0.00	72.98 5.84 0.00	57.70 4.37 0.00	44.46 3.33 0.00	38.82 2.78 0.00
LIGHTHSE_115KV_TB6 355974	38.06 -0.46 0.00	35.80 -0.43 0.00	33.61 -0.44 0.00	33.05 -0.44 0.00	34.57 -0.38 0.00	39.54 -0.64 0.00	51.75 -0.58 0.00	49.72 -0.81 0.00	40.33 -0.91 0.00	33.39 -0.72 0.00	32.41 -0.80 0.00	31.64 -0.81 0.00	30.77 -0.85 0.00	30.28 -0.84 -0.02	28.04 -0.83 -0.22	29.32 -0.87 -0.29	31.28 -1.02 -0.50	36.22 -1.14 -0.51	43.23 -0.99 0.69	61.93 -0.87 -0.82	67.71 -0.81 -1.37	52.87 -0.75 -0.29	40.52 -0.66 -0.05	35.50 -0.54 0.00
LINDEN COGEN____ 23786	41.14 2.62 0.00	38.81 2.57 0.00	36.37 2.32 0.00	35.60 2.11 0.00	37.22 2.27 0.00	43.12 2.93 0.00	56.25 3.93 0.00	54.36 3.84 0.00	44.57 3.34 0.00	37.07 2.97 0.00	36.33 3.12 0.00	35.66 3.21 0.00	34.87 3.19 -0.05	34.64 3.27 -0.27	35.03 2.98 -3.40	37.34 3.05 -4.38	42.52 3.12 -7.60	48.32 3.65 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.94 4.48 -0.13	44.55 3.37 -0.05	38.71 2.67 0.00
LINDHRST_69_KV_BK1 356055	42.23 3.70 -0.01	39.61 3.37 0.00	37.33 3.27 -0.01	36.63 3.15 0.00	38.28 3.32 -0.01	44.25 4.06 -0.01	57.56 5.23 0.00	55.68 5.15 0.00	45.58 4.33 -0.01	37.83 3.72 -0.01	37.01 3.79 -0.01	36.29 3.83 -0.01	35.31 3.64 -0.05	34.94 3.58 -0.26	35.51 3.47 -3.39	37.92 3.62 -4.39	45.27 3.82 -9.65	57.97 4.46 -16.65	59.91 5.25 -9.75	68.80 6.82 -0.01	74.40 7.25 -0.01	58.99 5.65 -0.01	45.62 4.48 -0.01	39.84 3.78 -0.01
LIPA_MISC_IPP 23656	42.11 3.58 -0.01	39.50 3.26 0.00	37.30 3.23 -0.01	36.53 3.05 0.00	38.18 3.22 -0.01	44.25 4.06 -0.01	57.40 5.08 0.00	55.63 5.10 0.00	45.57 4.33 -0.01	37.83 3.72 -0.01	37.00 3.79 -0.01	36.29 3.83 -0.01	35.31 3.64 -0.05	34.94 3.58 -0.26	35.54 3.50 -3.39	37.94 3.65 -4.39	45.10 3.85 -9.46	57.16 4.50 -15.81	59.77 5.12 -9.75	68.62 6.63 -0.01	74.13 6.98 -0.01	58.83 5.49 -0.01	45.58 4.44 -0.01	39.80 3.75 -0.01

LISF__SOLAR 323691	42.15 3.62 -0.01	39.83 3.59 0.00	37.36 3.30 -0.01	36.43 2.95 0.00	38.24 3.28 -0.01	44.30 4.10 -0.01	57.61 5.28 0.00	55.68 5.16 0.00	45.66 4.41 -0.01	37.86 3.75 -0.01	37.07 3.85 -0.01	36.32 3.86 -0.01	35.34 3.67 -0.05	35.00 3.64 -0.26	35.57 3.52 -0.39	37.97 3.68 -0.43	45.16 3.91 -0.45	57.24 4.57 -15.82	62.46 5.21 -12.34	69.02 6.76 -0.29	74.26 7.11 -0.01	59.07 5.60 -0.14	45.75 4.56 -0.06	39.69 3.64 -0.01
LITTLE FALLS__HYD 24013	39.87 1.35 0.00	37.47 1.23 0.00	35.24 1.19 0.00	34.66 1.17 0.00	36.21 1.26 0.00	41.67 1.49 0.00	54.36 2.04 0.00	52.29 1.77 0.00	42.39 1.15 0.00	34.92 0.82 0.00	33.84 0.63 0.00	33.00 0.55 0.00	32.04 0.41 0.00	31.51 0.40 0.00	28.91 0.26 0.00	30.20 0.30 0.00	32.09 0.29 0.00	37.26 0.41 0.00	45.76 0.85 0.00	63.77 1.80 0.00	69.35 2.22 0.00	55.09 1.76 0.00	42.48 1.36 0.00	37.27 1.23 0.00
LITTLRIV_115KV_TB1 356100	37.33 -1.19 0.00	35.15 -1.09 0.00	32.89 -1.16 0.00	32.38 -1.11 0.00	33.80 -1.15 0.00	39.10 -1.09 0.00	51.28 -1.05 0.00	49.01 -1.52 0.00	39.30 -1.94 0.00	32.47 -1.64 0.00	31.42 -1.79 0.00	30.83 -1.62 0.00	29.95 -1.68 0.00	29.43 -1.68 0.00	27.16 -1.49 0.00	28.47 -1.44 0.00	30.34 -1.46 0.00	35.20 -1.66 0.00	43.52 -1.39 0.00	60.69 -1.36 -0.08	65.89 -1.41 -0.16	52.44 -0.91 -0.02	40.14 -0.99 0.00	35.11 -0.94 0.00
LI_NEWBRDGE__DRP 323616	41.65 3.12 -0.01	39.10 2.86 0.00	36.78 2.72 -0.01	36.17 2.68 0.00	37.79 2.83 -0.01	43.61 3.42 -0.01	56.72 4.40 0.00	54.92 4.40 0.00	44.96 3.71 -0.01	37.32 3.21 -0.01	36.47 3.25 -0.01	35.77 3.31 -0.01	34.84 3.16 -0.05	34.48 3.11 -0.26	35.05 3.01 -0.39	37.44 3.14 -0.43	44.39 3.24 -0.94	55.98 3.80 -15.33	59.15 4.49 -9.75	67.69 5.70 -0.01	73.26 6.11 -0.01	58.08 4.75 -0.01	44.88 3.74 -0.01	39.22 3.17 -0.01
LOCKPORT_115KV_TB60_63_64 80432	35.08 -3.43 0.01	33.40 -2.83 0.01	31.31 -2.72 0.01	30.93 -2.55 0.01	32.14 -2.80 0.01	35.91 -4.26 0.01	44.63 -5.34 2.36	44.80 -5.71 0.01	37.68 -3.55 0.01	31.05 -3.04 0.01	29.91 -3.29 0.01	28.87 -3.57 0.01	28.26 -3.35 0.01	27.59 -3.51 0.00	25.46 -3.35 -0.16	26.81 -3.53 -0.43	28.70 -3.85 -0.74	33.53 -4.09 -0.77	35.32 -4.22 5.36	51.76 -6.76 3.46	58.38 -6.92 1.84	46.06 -5.60 1.67	36.66 -3.87 0.60	32.68 -3.35 0.02
LOCKPORT__CC1 323769	35.15 -3.35 0.02	32.74 -3.48 0.02	31.28 -2.76 0.02	31.03 -2.44 0.02	32.11 -2.83 0.02	35.91 -4.26 0.02	44.48 -5.49 2.35	44.85 -5.66 0.02	37.67 -3.55 0.01	31.09 -3.00 0.01	29.91 -3.29 0.01	28.90 -3.54 0.01	28.29 -3.32 0.01	27.50 -3.61 0.00	25.49 -3.32 -0.16	26.43 -3.50 -0.03	28.00 -3.85 -0.05	32.30 -4.13 0.43	35.53 -4.27 5.11	51.81 -6.69 3.47	58.58 -6.71 1.84	46.10 -5.55 1.68	36.70 -3.82 0.60	33.04 -2.99 0.02
LOCKPORT__CC2 323770	35.15 -3.35 0.02	32.74 -3.48 0.02	31.28 -2.76 0.02	31.03 -2.44 0.02	32.11 -2.83 0.02	35.91 -4.26 0.02	44.48 -5.49 2.35	44.85 -5.66 0.02	37.67 -3.55 0.01	31.09 -3.00 0.01	29.91 -3.29 0.01	28.90 -3.54 0.01	28.29 -3.32 0.01	27.50 -3.61 0.00	25.49 -3.32 -0.16	26.43 -3.50 -0.03	28.00 -3.85 -0.05	32.30 -4.13 0.43	35.53 -4.27 5.11	51.81 -6.69 3.47	58.58 -6.71 1.84	46.10 -5.55 1.68	36.70 -3.82 0.60	33.04 -2.99 0.02
LOCKPORT__CC3 323771	35.15 -3.35 0.02	32.74 -3.48 0.02	31.28 -2.76 0.02	31.03 -2.44 0.02	32.11 -2.83 0.02	35.91 -4.26 0.02	44.48 -5.49 2.35	44.85 -5.66 0.02	37.67 -3.55 0.01	31.09 -3.00 0.01	29.91 -3.29 0.01	28.90 -3.54 0.01	28.29 -3.32 0.01	27.50 -3.61 0.00	25.49 -3.32 -0.16	26.43 -3.50 -0.03	28.00 -3.85 -0.05	32.30 -4.13 0.43	35.53 -4.27 5.11	51.81 -6.69 3.47	58.58 -6.71 1.84	46.10 -5.55 1.68	36.70 -3.82 0.60	33.04 -2.99 0.02
LOCUSVLY_69_KV_BK2 55797	41.88 3.35 -0.01	39.32 3.08 0.00	37.03 2.96 -0.01	36.37 2.88 0.00	37.97 3.01 -0.01	43.90 3.70 -0.01	57.09 4.76 0.00	55.22 4.70 0.00	45.25 4.00 -0.01	37.56 3.44 -0.01	36.78 3.55 -0.01	36.07 3.60 -0.01	35.15 3.48 -0.05	34.82 3.45 -0.26	35.34 3.29 -0.39	37.71 3.41 -0.43	45.59 3.53 -10.26	60.27 4.13 -19.29	59.60 4.94 -9.75	68.37 6.38 -0.01	73.93 6.78 -0.01	58.56 5.23 -0.01	45.25 4.11 -0.01	39.52 3.46 -0.01
LONG_LAKE_PHOENIX 24014	37.79 -0.73 0.00	35.55 -0.69 0.00	33.41 -0.65 0.00	32.85 -0.64 0.00	34.32 -0.63 0.00	39.42 -0.76 0.00	51.38 -0.94 0.00	49.41 -1.11 0.00	40.41 -0.82 0.00	33.42 -0.68 0.00	32.55 -0.66 0.00	31.74 -0.71 0.00	30.93 -0.70 0.00	30.41 -0.72 -0.02	28.23 -0.66 -0.24	29.50 -0.72 -0.31	31.51 -0.83 -0.54	36.38 -1.03 -0.56	43.29 -1.17 0.45	62.61 -1.49 -2.12	68.03 -1.54 -2.44	52.82 -1.39 -0.88	40.26 -1.11 -0.24	35.11 -0.94 0.00
LOVETT__3 23632	40.99 2.47 0.00	38.49 2.25 0.00	36.23 2.18 0.00	35.56 2.08 0.00	37.12 2.17 0.00	42.92 2.73 0.00	55.88 3.56 0.00	54.01 3.49 0.00	44.20 2.97 0.00	36.69 2.59 0.00	35.90 2.69 0.00	35.21 2.76 0.00	34.38 2.72 -0.04	34.14 2.80 -0.24	34.55 2.58 -0.32	36.83 2.63 -0.42	42.02 2.77 -0.75	47.77 3.24 -0.76	58.45 4.00 -0.95	67.12 5.14 0.00	72.58 5.44 0.00	57.43 4.11 0.00	44.29 3.17 0.00	38.67 2.63 0.00
LOVETT__4 23642	40.99 2.47 0.00	38.49 2.25 0.00	36.23 2.18 0.00	35.56 2.08 0.00	37.12 2.17 0.00	42.92 2.73 0.00	55.88 3.56 0.00	54.01 3.49 0.00	44.20 2.97 0.00	36.69 2.59 0.00	35.90 2.69 0.00	35.21 2.76 0.00	34.38 2.72 -0.04	34.14 2.80 -0.24	34.55 2.58 -0.32	36.83 2.63 -0.42	42.02 2.77 -0.75	47.77 3.24 -0.76	58.45 4.00 -0.95	67.12 5.14 0.00	72.58 5.44 0.00	57.43 4.11 0.00	44.29 3.17 0.00	38.67 2.63 0.00
LOVETT__5 23593	40.99 2.47 0.00	38.49 2.25 0.00	36.23 2.18 0.00	35.56 2.08 0.00	37.12 2.17 0.00	42.92 2.73 0.00	55.88 3.56 0.00	54.01 3.49 0.00	44.20 2.97 0.00	36.69 2.59 0.00	35.90 2.69 0.00	35.21 2.76 0.00	34.38 2.72 -0.04	34.14 2.80 -0.24	34.55 2.58 -0.32	36.83 2.63 -0.42	42.02 2.77 -0.75	47.77 3.24 -0.76	58.45 4.00 -0.95	67.12 5.14 0.00	72.58 5.44 0.00	57.43 4.11 0.00	44.29 3.17 0.00	38.67 2.63 0.00
LOWER RAQUET__HYD 24057	36.79 -1.73 0.00	34.65 -1.59 0.00	32.42 -1.63 0.00	31.95 -1.54 0.00	33.27 -1.68 0.00	38.46 -1.73 0.00	50.28 -2.04 0.00	48.25 -2.27 0.00	38.84 -2.39 0.00	32.12 -1.98 0.00	31.12 -2.09 0.00	30.50 -1.95 0.00	29.64 -1.99 0.00	29.18 -1.93 0.00	26.85 -1.80 0.00	28.14 -1.76 0.00	29.95 -1.85 0.00	34.72 -2.14 0.00	43.05 -2.07 -0.20	59.69 -2.36 -0.07	64.80 -2.48 -0.14	51.53 -1.81 -0.02	39.52 -1.60 0.00	34.56 -1.48 0.00
LOWER__HUDSON 24059	40.41 1.89 0.00	38.09 1.85 0.00	35.72 1.67 0.00	35.09 1.61 0.00	36.66 1.71 0.00	42.19 2.01 0.00	54.94 2.62 0.00	52.75 2.22 0.00	42.97 1.73 0.00	35.40 1.30 0.00	34.50 1.29 0.00	33.68 1.23 0.00	32.82 1.17 -0.02	32.49 1.09 -0.30	33.71 1.00 -0.45	36.22 1.08 -0.52	42.23 1.34 -0.90	47.91 1.70 -0.96	59.41 2.20 -12.30	65.01 3.04 0.00	70.29 3.16 0.00	56.04 2.72 0.00	43.26 2.14 0.00	37.81 1.77 0.00

LOWVILLE_115KV_TB2 356335	38.21 -0.31 0.00	35.77 -0.47 0.00	33.44 -0.61 0.00	32.82 -0.67 0.00	34.29 -0.66 0.00	39.46 -0.72 0.00	52.06 -0.26 0.00	49.92 -0.61 0.00	40.08 -1.15 0.00	33.25 -0.85 0.00	32.15 -1.06 0.00	31.35 -1.10 0.00	30.20 -1.42 0.00	29.62 -1.49 -0.01	27.25 -1.52 -0.12	28.57 -1.50 -0.16	30.51 -1.56 -0.27	35.77 -1.36 -0.28	45.13 -0.13 -0.35	63.03 0.87 -0.18	68.73 1.21 -0.39	54.01 0.64 -0.05	41.42 0.29 0.00	36.19 0.14 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.87 2.35 0.00	38.49 2.25 0.00	36.16 2.11 0.00	35.56 2.08 0.00	37.12 2.17 0.00	42.76 2.57 0.00	55.62 3.30 0.00	53.30 2.78 0.00	43.26 2.02 0.00	35.50 1.40 0.00	34.54 1.33 0.00	33.65 1.20 0.00	32.78 1.14 -0.01	32.49 1.09 -0.30	33.78 1.03 -4.09	36.34 1.14 -5.29	42.48 1.49 -9.19	48.30 1.99 -9.46	59.13 2.47 -11.75	65.57 3.59 0.00	70.96 3.83 0.00	56.63 3.31 0.00	43.64 2.51 0.00	38.13 2.09 0.00
LUTHERNY_35_KV_BK2 355980	40.91 2.39 0.00	38.52 2.28 0.00	36.20 2.15 0.00	35.60 2.11 0.00	37.15 2.20 0.00	42.76 2.57 0.00	55.67 3.35 0.00	53.30 2.78 0.00	43.26 2.02 0.00	35.54 1.43 0.00	34.54 1.33 0.00	33.65 1.20 0.00	32.78 1.14 -0.01	32.49 1.09 -0.30	33.78 1.03 -4.09	36.34 1.14 -5.29	42.52 1.53 -9.19	48.34 2.03 -9.46	59.13 2.47 -11.75	65.63 3.66 0.00	71.03 3.89 0.00	56.63 3.31 0.00	43.64 2.51 0.00	38.17 2.13 0.00
LWR___OSWEGATCHIE_HYD 23850	37.17 -1.35 0.00	34.90 -1.34 0.00	32.69 -1.36 0.00	32.11 -1.37 0.00	33.55 -1.40 0.00	38.70 -1.49 0.00	50.91 -1.41 0.00	48.71 -1.82 0.00	39.13 -2.10 0.00	32.40 -1.71 0.00	31.35 -1.86 0.00	30.63 -1.82 0.00	29.67 -1.96 0.00	29.15 -1.96 -0.01	26.88 -1.86 -0.09	28.20 -1.82 -0.11	30.06 -1.94 -0.20	35.03 -2.03 -0.20	43.64 -1.53 -0.26	60.83 -1.30 -0.15	66.25 -1.21 -0.32	52.30 -1.07 -0.04	40.10 -1.03 0.00	35.07 -0.97 0.00
LYONS_FALL_HYD 23570	38.60 0.08 0.00	36.17 -0.07 0.00	33.88 -0.17 0.00	33.25 -0.23 0.00	34.78 -0.17 0.00	40.03 -0.16 0.00	52.64 0.32 0.00	50.53 0.00 0.00	40.66 -0.58 0.00	33.66 -0.44 0.00	32.58 -0.63 0.00	31.77 -0.68 0.00	30.71 -0.92 0.00	30.18 -0.93 -0.01	27.80 -0.97 -0.12	29.13 -0.93 -0.15	31.11 -0.95 -0.27	36.35 -0.78 -0.28	45.65 0.27 -0.47	63.40 1.30 -0.12	69.00 1.61 -0.25	54.37 1.01 -0.03	41.70 0.58 0.00	36.40 0.36 0.00
MADISON___COUNTY_LFGE 323628	39.25 0.73 0.00	36.96 0.72 0.00	34.66 0.61 0.00	34.09 0.60 0.00	35.65 0.70 0.00	40.99 0.80 0.00	53.68 1.36 0.00	51.59 1.06 0.00	41.73 0.49 0.00	34.44 0.34 0.00	33.44 0.23 0.00	32.58 0.13 0.00	31.69 0.06 0.00	31.21 0.09 -0.01	28.88 0.06 -0.18	30.22 0.09 -0.23	32.32 0.13 -0.39	37.59 0.33 -0.41	46.21 0.94 -0.36	63.46 1.86 0.38	69.24 2.08 -0.02	54.55 1.44 0.22	42.02 0.99 0.09	36.84 0.79 0.00
MALONE___115KV_TB1 356076	38.29 -0.23 0.00	35.99 -0.25 0.00	33.71 -0.34 0.00	33.22 -0.27 0.00	34.64 -0.31 0.00	40.07 -0.12 0.00	52.43 0.10 0.00	50.17 -0.35 0.00	40.62 -0.62 0.00	33.56 -0.55 0.00	32.51 -0.70 0.00	31.90 -0.55 0.00	31.06 -0.57 0.00	30.51 -0.59 0.00	28.14 -0.52 0.00	29.46 -0.45 0.00	31.39 -0.41 0.00	36.30 -0.55 0.00	44.64 -0.27 0.00	61.98 0.00 0.00	67.14 0.00 0.00	53.49 0.16 0.00	40.96 -0.16 0.00	35.86 -0.18 0.00
MAPLEWOD_115KV_TB3 80458	40.25 1.73 0.00	37.87 1.63 0.00	35.62 1.57 0.00	34.99 1.51 0.00	36.52 1.57 0.00	41.95 1.77 0.00	54.47 2.15 0.00	52.40 1.87 0.00	42.72 1.48 0.00	35.23 1.13 0.00	34.34 1.13 0.00	33.55 1.10 0.00	32.69 1.04 -0.02	32.39 1.00 -0.29	33.59 0.92 -4.03	36.10 0.99 -5.21	42.01 1.18 -9.04	47.63 1.47 -9.30	58.41 1.93 -11.57	64.64 2.67 0.00	69.89 2.75 0.00	55.67 2.35 0.00	43.06 1.93 0.00	37.77 1.73 0.00
MAPLE_RIDGE_WT_1 323574	37.75 -0.77 0.00	35.48 -0.76 0.00	33.34 -0.72 0.00	32.78 -0.70 0.00	34.22 -0.74 0.00	39.34 -0.85 0.00	51.22 -1.10 0.00	49.46 -1.06 0.00	40.37 -0.87 0.00	33.35 -0.75 0.00	32.41 -0.80 0.00	31.67 -0.78 0.00	30.81 -0.82 0.00	30.30 -0.81 0.00	27.91 -0.75 0.00	29.13 -0.78 0.00	30.97 -0.83 0.00	35.93 -0.92 0.00	44.01 -0.90 0.00	60.80 -1.18 0.00	65.86 -1.28 0.00	52.26 -1.07 0.00	40.26 -0.87 0.00	35.28 -0.76 0.00
MAPLE_RIDGE_WT_2 323611	37.75 -0.77 0.00	35.48 -0.76 0.00	33.34 -0.72 0.00	32.78 -0.70 0.00	34.22 -0.74 0.00	39.34 -0.85 0.00	51.22 -1.10 0.00	49.46 -1.06 0.00	40.37 -0.87 0.00	33.35 -0.75 0.00	32.41 -0.80 0.00	31.67 -0.78 0.00	30.81 -0.82 0.00	30.30 -0.81 0.00	27.91 -0.75 0.00	29.13 -0.78 0.00	30.97 -0.83 0.00	35.93 -0.92 0.00	44.01 -0.90 0.00	60.80 -1.18 0.00	65.86 -1.28 0.00	52.26 -1.07 0.00	40.26 -0.87 0.00	35.28 -0.76 0.00
MARBLE_RIVER_WT_PWR 323696	37.90 -0.62 0.00	35.62 -0.62 0.00	33.37 -0.68 0.00	32.89 -0.60 0.00	34.25 -0.70 0.00	39.46 -0.72 0.00	51.38 -0.94 0.00	49.41 -1.11 0.00	40.12 -1.11 0.00	33.15 -0.95 0.00	32.21 -1.00 0.00	31.54 -0.91 0.00	30.71 -0.92 0.00	30.27 -0.84 0.00	27.88 -0.77 0.00	29.13 -0.78 0.00	31.01 -0.79 0.00	35.90 -0.96 0.00	44.01 -0.90 0.00	60.92 -1.05 0.00	66.06 -1.08 0.00	52.58 -0.75 0.00	40.43 -0.70 0.00	35.43 -0.61 0.00
MARSHVLE_115KV_TB1 80742	40.29 1.77 0.00	37.94 1.70 0.00	35.62 1.57 0.00	35.03 1.54 0.00	36.63 1.68 0.00	42.28 2.09 0.00	55.34 2.77 -0.25	51.79 1.26 0.00	41.19 -0.04 0.00	33.59 -0.51 0.00	32.48 -0.73 0.00	31.61 -0.84 0.00	30.78 -0.85 -0.01	30.78 -0.65 -0.32	32.55 -0.54 -4.44	35.29 -0.36 -5.74	41.45 -0.32 -9.97	47.37 0.26 -10.26	61.03 1.39 -14.73	65.35 3.04 -0.33	70.69 3.49 -0.07	56.20 2.72 -0.16	43.41 2.22 -0.06	37.78 1.73 0.00
MARSH_HILL_WT_PWR 323713	36.88 -1.62 0.03	34.98 -1.23 0.03	32.70 -1.33 0.03	32.15 -1.31 0.03	33.70 -1.22 0.03	38.79 -1.37 0.03	49.59 -1.68 1.06	47.65 -2.83 0.05	38.93 -2.27 0.04	31.81 -2.25 0.04	30.69 -2.49 0.03	29.65 -2.76 0.04	28.93 -2.66 0.04	28.30 -2.77 0.04	26.04 -2.61 0.00	27.18 -2.57 0.15	28.71 -2.83 0.26	32.75 -2.95 1.15	32.79 -2.38 9.74	55.49 -2.91 3.58	62.20 -3.29 1.65	48.98 -2.61 1.73	38.43 -2.06 0.64	33.92 -2.09 0.03
MCINTYRE_115KV_TB2 80467	37.90 -0.62 0.00	35.70 -0.54 0.00	33.44 -0.61 0.00	32.92 -0.57 0.00	34.36 -0.59 0.00	39.70 -0.48 0.00	52.06 -0.26 0.00	49.72 -0.81 0.00	39.83 -1.40 0.00	32.88 -1.23 0.00	31.82 -1.39 0.00	31.22 -1.23 0.00	30.33 -1.30 0.00	29.80 -1.31 0.00	27.53 -1.12 0.00	28.86 -1.05 0.00	30.78 -1.02 0.00	35.71 -1.14 0.00	44.15 -0.76 0.00	61.61 -0.43 -0.07	66.95 -0.34 -0.15	53.24 -0.11 -0.02	40.76 -0.37 0.00	35.65 -0.40 0.00
MECO____69_KV_BK1 80468	40.87 2.35 0.00	38.49 2.25 0.00	36.13 2.08 0.00	35.56 2.08 0.00	37.15 2.20 0.00	42.92 2.73 0.00	55.88 3.56 0.00	52.65 2.12 0.00	41.90 0.66 0.00	34.07 -0.03 0.00	32.94 -0.27 0.00	32.06 -0.39 0.00	31.19 -0.44 -0.01	31.11 -0.31 -0.31	32.78 -0.20 -4.32	35.56 0.06 -5.59	41.76 0.25 -9.71	47.76 0.92 -9.99	61.20 2.29 -14.00	66.52 4.28 -0.27	71.84 4.70 0.00	57.19 3.73 -0.13	44.01 2.84 -0.05	38.31 2.27 0.00

MENANDS__115KV_TB5 355628	40.14 1.62 0.00	37.76 1.52 0.00	35.52 1.46 0.00	34.93 1.44 0.00	36.42 1.47 0.00	41.79 1.61 0.00	54.26 1.94 0.00	52.24 1.72 0.00	42.60 1.36 0.00	35.16 1.06 0.00	34.27 1.06 0.00	33.49 1.04 0.00	32.66 1.01 -0.02	32.36 0.96 -0.29	33.53 0.86 -4.02	36.03 0.93 -5.20	41.93 1.11 -9.02	47.54 1.40 -9.28	58.21 1.75 -11.55	64.39 2.42 0.00	69.62 2.48 0.00	55.46 2.13 0.00	42.90 1.77 0.00	37.67 1.62 0.00
MG INDUSTRY__DRP 24185	40.14 1.62 0.00	37.76 1.52 0.00	35.52 1.46 0.00	34.93 1.44 0.00	36.45 1.50 0.00	41.83 1.65 0.00	54.31 1.99 0.00	52.09 1.57 0.00	42.35 1.11 0.00	34.92 0.82 0.00	34.01 0.80 0.00	33.23 0.78 0.00	32.36 0.73 -0.01	32.14 0.75 -0.29	33.23 0.63 -3.95	35.73 0.72 -5.11	41.56 0.89 -8.87	47.16 1.18 -9.13	57.93 1.66 -11.36	64.39 2.42 0.00	69.69 2.55 0.00	55.51 2.19 0.00	42.90 1.77 0.00	37.63 1.59 0.00
MID__OSWEGATCHIE_HYD 23849	37.17 -1.35 0.00	34.90 -1.34 0.00	32.69 -1.36 0.00	32.11 -1.37 0.00	33.55 -1.40 0.00	38.70 -1.49 0.00	50.91 -1.41 0.00	48.71 -1.82 0.00	39.13 -2.10 0.00	32.40 -1.71 0.00	31.35 -1.86 0.00	30.63 -1.82 0.00	29.67 -1.96 0.00	29.15 -1.96 -0.01	26.88 -1.86 -0.09	28.20 -1.82 -0.11	30.06 -1.94 -0.20	35.03 -2.03 -0.20	43.64 -1.53 -0.26	60.83 -1.30 -0.15	66.25 -1.21 -0.32	52.30 -1.07 -0.04	40.10 -1.03 0.00	35.07 -0.97 0.00
MID__RAQUETTE_HYD 23851	36.79 -1.73 0.00	34.61 -1.63 0.00	32.42 -1.63 0.00	31.88 -1.61 0.00	33.27 -1.68 0.00	38.46 -1.73 0.00	50.44 -1.88 0.00	48.25 -2.27 0.00	38.84 -2.39 0.00	32.12 -1.98 0.00	31.12 -2.09 0.00	30.50 -1.95 0.00	29.64 -1.99 0.00	29.11 -1.99 0.00	26.85 -1.81 0.00	28.14 -1.76 0.00	29.96 -1.84 0.00	34.72 -2.14 0.00	42.84 -2.07 0.00	59.70 -2.36 -0.08	64.83 -2.48 -0.17	51.54 -1.81 -0.02	39.52 -1.60 0.00	34.57 -1.48 0.00
MILLIKEN__1 23584	39.17 0.65 0.01	36.89 0.65 0.01	34.63 0.58 0.01	34.05 0.57 0.01	35.61 0.66 0.01	40.94 0.76 0.01	54.12 1.20 -0.59	51.28 0.71 -0.05	41.72 0.45 -0.03	34.37 0.24 -0.03	33.33 0.10 -0.02	32.48 0.00 -0.03	31.66 0.00 -0.03	31.20 0.00 -0.09	29.57 0.00 -0.92	30.58 -0.06 -0.74	33.05 -0.03 -1.28	38.28 0.11 -1.31	43.07 0.81 2.64	62.38 1.43 1.03	68.71 1.54 -0.03	53.80 1.01 0.54	41.56 0.66 0.22	36.61 0.58 0.01
MILLIKEN__2 23585	39.17 0.65 0.01	36.89 0.65 0.01	34.63 0.58 0.01	34.05 0.57 0.01	35.61 0.66 0.01	40.94 0.76 0.01	54.12 1.20 -0.59	51.28 0.71 -0.05	41.72 0.45 -0.03	34.37 0.24 -0.03	33.33 0.10 -0.02	32.48 0.00 -0.03	31.66 0.00 -0.03	31.20 0.00 -0.09	29.57 0.00 -0.92	30.58 -0.06 -0.74	33.05 -0.03 -1.28	38.28 0.11 -1.31	43.07 0.81 2.64	62.38 1.43 1.03	68.71 1.54 -0.03	53.80 1.01 0.54	41.56 0.66 0.22	36.61 0.58 0.01
MILLIKEN__DIESEL 23629	39.17 0.65 0.01	36.89 0.65 0.01	34.63 0.58 0.01	34.05 0.57 0.01	35.61 0.66 0.01	40.94 0.76 0.01	54.12 1.20 -0.59	51.28 0.71 -0.05	41.72 0.45 -0.03	34.37 0.24 -0.03	33.33 0.10 -0.02	32.48 0.00 -0.03	31.66 0.00 -0.03	31.20 0.00 -0.09	29.57 0.00 -0.92	30.58 -0.06 -0.74	33.05 -0.03 -1.28	38.28 0.11 -1.31	43.07 0.81 2.64	62.38 1.43 1.03	68.71 1.54 -0.03	53.80 1.01 0.54	41.56 0.66 0.22	36.61 0.58 0.01
MILLSEAT__LFGE 323607	35.81 -2.70 0.01	33.32 -2.90 0.01	31.86 -2.18 0.01	31.60 -1.87 0.01	32.77 -2.17 0.01	36.72 -3.46 0.01	45.56 -4.34 2.42	46.01 -4.50 0.01	38.50 -2.72 0.01	31.67 -2.42 0.01	30.44 -2.76 0.01	29.39 -3.05 0.01	28.77 -2.85 0.01	27.96 -3.14 0.00	25.92 -2.89 -0.16	26.90 -3.05 -0.04	28.57 -3.31 -0.08	33.10 -3.39 0.37	36.82 -3.23 4.85	53.33 -5.21 3.44	60.28 -5.04 1.82	47.35 -4.32 1.66	37.49 -3.04 0.60	33.65 -2.38 0.01
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	41.02 2.50 0.00	38.52 2.28 0.00	36.30 2.25 0.00	35.60 2.11 0.00	37.15 2.20 0.00	42.96 2.77 0.00	55.93 3.61 0.00	54.06 3.54 0.00	44.25 3.01 0.00	36.73 2.63 0.00	35.97 2.76 0.00	35.27 2.82 0.00	34.45 2.78 -0.04	34.21 2.86 -0.24	34.66 2.64 -3.37	36.96 2.69 -4.37	42.18 2.80 -7.58	47.97 3.32 -7.80	58.70 4.09 -9.70	67.25 5.27 0.00	72.71 5.57 0.00	57.49 4.16 0.00	44.34 3.21 0.00	38.71 2.67 0.00
MILLWOOD_13_KV_LOAD 356217	41.10 2.58 0.00	38.59 2.36 0.00	36.33 2.28 0.00	35.66 2.18 0.00	37.19 2.24 0.00	43.04 2.85 0.00	56.04 3.72 0.00	54.16 3.64 0.00	44.29 3.05 0.00	36.76 2.66 0.00	36.00 2.79 0.00	35.31 2.86 0.00	34.48 2.81 -0.04	34.24 2.89 -0.24	34.69 2.66 -3.37	36.99 2.72 -4.37	42.24 2.86 -7.58	48.04 3.39 -7.80	58.74 4.13 -9.70	67.37 5.39 0.00	72.91 5.77 0.00	57.59 4.27 0.00	44.42 3.29 0.00	38.78 2.74 0.00
MODEL_CITY_ENERGY 24167	34.84 -3.66 0.02	32.49 -3.73 0.02	31.07 -2.96 0.02	30.83 -2.65 0.02	31.89 -3.04 0.02	35.51 -4.66 0.02	44.18 -5.81 2.34	44.34 -6.17 0.02	37.30 -3.92 0.01	30.78 -3.31 0.01	29.61 -3.59 0.01	28.61 -3.83 0.01	28.01 -3.61 0.01	27.21 -3.89 0.00	25.23 -3.58 -0.16	26.16 -3.77 -0.02	27.71 -4.13 -0.05	32.10 -4.31 0.44	35.21 -4.53 5.16	50.99 -7.50 3.49	57.84 -7.45 1.85	45.51 -6.13 1.68	36.25 -4.28 0.60	32.71 -3.32 0.02
MODERN_LFGE__ 323580	34.84 -3.66 0.02	32.49 -3.73 0.02	31.07 -2.96 0.02	30.83 -2.65 0.02	31.89 -3.04 0.02	35.51 -4.66 0.02	44.18 -5.81 2.34	44.34 -6.17 0.02	37.30 -3.92 0.01	30.78 -3.31 0.01	29.61 -3.59 0.01	28.61 -3.83 0.01	28.01 -3.61 0.01	27.21 -3.89 0.00	25.23 -3.58 -0.16	26.16 -3.77 -0.02	27.71 -4.13 -0.05	32.10 -4.31 0.44	35.21 -4.53 5.16	50.99 -7.50 3.49	57.84 -7.45 1.85	45.51 -6.13 1.68	36.25 -4.28 0.60	32.71 -3.32 0.02
MOHAWK_PAPER__DRP 24187	40.25 1.73 0.00	37.87 1.63 0.00	35.62 1.57 0.00	34.99 1.51 0.00	36.52 1.57 0.00	41.95 1.77 0.00	54.47 2.15 0.00	52.40 1.87 0.00	42.72 1.48 0.00	35.23 1.13 0.00	34.34 1.13 0.00	33.55 1.10 0.00	32.69 1.04 -0.02	32.39 1.00 -0.29	33.59 0.92 -4.03	36.10 0.99 -5.21	42.01 1.18 -9.04	47.63 1.47 -9.30	58.41 1.93 -11.57	64.64 2.67 0.00	69.89 2.75 0.00	55.67 2.35 0.00	43.06 1.93 0.00	37.77 1.73 0.00
MOHICAN__35_KV_115KV_LD 80490	41.14 2.62 0.00	38.78 2.54 0.00	36.40 2.35 0.00	35.83 2.34 0.00	37.40 2.45 0.00	43.12 2.93 0.00	56.14 3.82 0.00	53.71 3.18 0.00	43.46 2.23 0.00	35.60 1.50 0.00	34.57 1.36 0.00	33.65 1.20 0.00	32.75 1.11 -0.01	32.46 1.06 -0.30	33.76 1.00 -4.11	36.26 1.05 -5.31	42.52 1.49 -9.22	48.37 2.03 -9.49	59.39 2.69 -11.79	66.07 4.09 0.00	71.57 4.43 0.00	57.22 3.89 0.00	44.05 2.92 0.00	38.46 2.41 0.00
MONGAUP__HYD 23641	40.56 2.04 0.00	38.34 2.10 0.00	35.89 1.84 0.00	35.16 1.67 0.00	36.77 1.82 0.00	42.60 2.41 0.00	55.81 3.25 -0.24	53.46 2.93 0.00	43.59 2.35 0.00	36.15 2.05 0.00	35.34 2.13 0.00	34.56 2.11 0.00	33.75 2.09 -0.03	33.51 2.18 -0.23	33.79 1.98 -3.17	36.06 2.06 -4.09	41.13 2.23 -7.10	46.89 2.73 -7.31	60.21 3.28 -12.02	66.75 4.46 -0.31	72.10 4.90 -0.06	57.05 3.57 -0.15	43.90 2.71 -0.06	38.14 2.09 0.00

MONTAUK___DIESEL 23721	41.15 2.62 -0.01	38.63 2.39 0.00	36.65 2.59 -0.01	35.80 2.31 0.00	37.62 2.66 -0.01	43.93 3.74 -0.01	57.19 4.87 0.00	55.83 5.31 0.00	45.90 4.66 -0.01	38.17 4.06 -0.01	37.60 4.38 -0.01	37.04 4.58 -0.01	36.07 4.40 -0.05	35.63 4.26 -0.26	36.11 4.07 -0.39	38.42 4.13 -0.43	45.55 4.29 -0.94	57.32 4.64 -15.82	59.86 5.21 -0.97	68.62 6.63 -0.01	73.86 6.71 -0.01	58.19 4.85 -0.01	44.80 3.66 -0.01	39.08 3.03 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.42 -2.08 0.02	34.55 -1.67 0.02	32.36 -1.67 0.02	31.76 -1.71 0.02	33.04 -1.89 0.02	38.16 -2.01 0.02	47.45 -2.83 2.05	47.63 -2.88 0.02	39.32 -1.90 0.02	32.28 -1.81 0.02	31.23 -1.96 0.02	30.19 -2.24 0.02	29.43 -2.18 0.02	28.86 -2.24 0.01	26.60 -2.21 -0.16	27.97 -2.42 -0.49	29.91 -2.73 -0.84	34.74 -2.99 -0.87	35.99 -2.47 6.45	55.24 -3.22 3.52	61.56 -3.69 1.89	49.01 -2.61 1.70	38.75 -1.77 0.61	34.40 -1.62 0.02
MORRIS_RIDGE___SOLAR 323848	36.34 -2.16 0.02	34.37 -1.85 0.02	32.19 -1.84 0.02	31.69 -1.78 0.02	33.11 -1.82 0.02	37.87 -2.29 0.02	47.43 -3.04 1.86	46.81 -3.69 0.03	38.37 -2.84 0.03	31.48 -2.59 0.03	30.40 -2.79 0.02	29.44 -2.98 0.03	28.76 -2.85 0.03	28.13 -2.96 0.02	26.00 -2.75 -0.10	27.09 -2.69 0.12	28.64 -2.96 0.21	32.63 -3.21 1.01	34.00 -2.78 8.12	54.84 -3.53 3.61	61.45 -3.82 1.86	48.55 -3.04 1.74	38.23 -2.26 0.63	33.86 -2.16 0.03
MORTIMER_115KV_TB3 55949	36.66 -1.85 0.01	34.63 -1.59 0.01	32.54 -1.50 0.01	32.17 -1.31 0.01	33.54 -1.40 0.01	37.88 -2.29 0.01	46.56 -3.09 2.67	47.59 -2.93 0.01	39.62 -1.61 0.01	32.66 -1.43 0.01	31.54 -1.66 0.01	30.56 -1.88 0.01	29.88 -1.74 0.01	29.21 -1.90 0.00	26.97 -1.86 -0.18	28.25 -2.03 -0.38	30.23 -2.23 -0.66	35.03 -2.51 -0.68	38.37 -2.38 4.16	55.21 -3.47 3.30	62.10 -3.29 1.75	48.69 -3.04 1.59	38.34 -2.22 0.57	34.12 -1.91 0.01
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	41.26 2.73 0.00	38.70 2.46 0.00	36.47 2.42 0.00	35.76 2.28 0.00	37.33 2.38 0.00	43.20 3.01 0.00	56.25 3.92 0.00	54.42 3.89 0.00	44.53 3.30 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.57 3.20 -0.26	34.97 2.92 -3.40	37.28 2.99 -4.38	42.49 3.08 -7.61	48.29 3.61 -7.83	59.14 4.49 -9.74	67.74 5.76 0.00	73.18 6.04 0.00	57.86 4.53 0.00	44.58 3.45 0.00	38.96 2.92 0.00
MUNSVILLE_WIND_PWR 323609	40.60 2.08 0.00	38.27 2.03 0.00	35.83 1.77 0.00	35.17 1.67 0.00	36.88 1.92 0.00	42.56 2.37 0.00	57.86 4.19 -1.35	53.83 3.28 -0.02	42.78 1.53 -0.02	35.07 0.95 -0.02	33.66 0.43 -0.01	32.73 0.26 -0.02	31.71 0.06 -0.02	31.48 0.28 -0.10	30.04 0.26 -1.13	31.73 0.51 -1.32	34.66 0.57 -2.29	40.62 1.25 -2.52	53.26 2.56 -5.79	66.89 4.90 -0.02	72.70 5.44 -0.13	57.08 3.79 0.03	43.66 2.55 0.02	38.10 2.05 0.00
N SALMON___HYD 24042	38.29 -0.23 0.00	36.02 -0.22 0.00	33.71 -0.34 0.00	33.25 -0.23 0.00	34.64 -0.32 0.00	40.07 -0.12 0.00	52.32 0.00 0.00	50.17 -0.35 0.00	40.62 -0.62 0.00	33.56 -0.55 0.00	32.51 -0.70 0.00	31.90 -0.55 0.00	31.06 -0.57 0.00	30.55 -0.56 0.00	28.14 -0.51 0.00	29.46 -0.45 0.00	31.39 -0.41 0.00	36.30 -0.55 0.00	44.64 -0.27 0.00	61.98 0.00 0.00	67.14 0.00 0.00	53.49 0.16 0.00	40.96 -0.16 0.00	35.86 -0.18 0.00
N.AKRON__115KV_KNAPP 355671	35.73 -2.77 0.01	33.91 -2.32 0.01	31.82 -2.21 0.01	31.46 -2.01 0.01	32.73 -2.20 0.01	36.68 -3.50 0.01	45.58 -4.34 2.40	45.91 -4.60 0.01	38.46 -2.76 0.01	31.63 -2.46 0.01	30.44 -2.76 0.01	29.39 -3.05 0.01	28.77 -2.85 0.01	28.09 -3.02 0.00	25.89 -2.92 -0.16	27.28 -3.05 -0.42	29.19 -3.34 -0.73	34.15 -3.46 -0.76	36.38 -3.32 5.20	53.21 -5.33 3.44	60.01 -5.30 1.83	47.19 -4.48 1.66	37.41 -3.13 0.60	33.29 -2.74 0.01
N.BELMOR_69_KV_BK1 55787	41.96 3.43 -0.01	39.39 3.15 0.00	37.06 3.00 -0.01	36.43 2.95 0.00	38.04 3.08 -0.01	43.97 3.78 -0.01	57.14 4.81 0.00	55.33 4.80 0.00	45.29 4.04 -0.01	37.59 3.48 -0.01	36.74 3.52 -0.01	36.03 3.57 -0.01	35.09 3.42 -0.05	34.73 3.36 -0.26	35.31 3.27 -3.39	37.68 3.38 -4.39	45.42 3.53 -10.09	59.51 4.09 -18.56	59.64 4.98 -9.75	68.37 6.38 -0.01	74.00 6.85 -0.01	58.62 5.28 -0.01	45.25 4.11 -0.01	39.55 3.50 -0.01
N.E._GEN_SANDY PD 24062	49.00 2.04 -8.44	40.70 1.99 -2.47	42.50 1.84 -6.61	39.80 1.74 -4.57	44.60 1.82 -7.83	47.27 2.21 -4.88	55.20 2.88 0.00	54.20 2.58 -1.10	47.60 2.14 -4.22	39.00 1.74 -3.16	35.60 1.79 -0.60	34.20 1.75 0.00	33.41 1.74 -0.05	33.03 1.65 -0.28	33.95 1.52 -3.78	36.38 1.58 -4.89	42.10 1.81 -8.49	48.99 2.17 -9.96	60.51 2.74 -12.86	65.78 3.59 -0.21	70.83 3.69 0.00	60.97 3.09 -4.55	53.50 2.43 -9.95	47.70 2.02 -9.64
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	41.02 2.50 0.00	38.52 2.28 0.00	36.30 2.25 0.00	35.60 2.11 0.00	37.15 2.20 0.00	43.00 2.81 0.00	55.99 3.66 0.00	54.11 3.59 0.00	44.25 3.01 0.00	36.73 2.63 0.00	35.93 2.72 0.00	35.24 2.79 0.00	34.42 2.75 -0.04	34.17 2.83 -0.24	34.57 2.61 -3.31	36.85 2.66 -4.28	42.03 2.80 -7.43	47.78 3.28 -7.65	58.51 4.09 -9.51	67.25 5.27 0.00	72.78 5.64 0.00	57.54 4.21 0.00	44.34 3.21 0.00	38.75 2.70 0.00
N.QUEENS_27_KV_LOAD 356247	41.18 2.66 0.00	38.67 2.43 0.00	36.57 2.52 0.00	35.76 2.28 0.00	37.33 2.38 0.00	42.96 2.77 0.00	55.88 3.56 0.00	54.16 3.64 0.00	44.41 3.18 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.70 3.25 0.00	34.92 3.26 -0.04	34.69 3.33 -0.26	35.07 3.04 -3.39	37.31 3.02 -4.38	42.43 3.02 -7.61	48.22 3.54 -7.83	59.00 4.36 -9.74	67.49 5.52 0.00	72.91 5.77 0.00	57.59 4.27 0.00	44.34 3.21 0.00	38.82 2.78 0.00
N.TROY___115KV_TB1 355778	40.41 1.89 0.00	38.01 1.78 0.00	35.72 1.67 0.00	35.13 1.64 0.00	36.66 1.71 0.00	42.19 2.01 0.00	54.84 2.51 0.00	52.75 2.22 0.00	42.97 1.73 0.00	35.40 1.30 0.00	34.51 1.30 0.00	33.68 1.23 0.00	32.82 1.17 -0.02	32.49 1.09 -0.30	33.71 1.00 -4.05	36.22 1.08 -5.24	42.23 1.34 -9.10	47.91 1.70 -9.36	58.76 2.20 -11.65	65.01 3.04 0.00	70.29 3.16 0.00	56.05 2.72 0.00	43.27 2.14 0.00	37.88 1.84 0.00
NARROWS_GT1_1 24228	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
NARROWS_GT1_2 24229	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00

NARROWS_GT1_3 24230	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
NARROWS_GT1_4 24231	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
NARROWS_GT1_5 24232	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
NARROWS_GT1_6 24233	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
NARROWS_GT1_7 24234	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
NARROWS_GT1_8 24235	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
NARROWS_GT2_1 24236	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
NARROWS_GT2_2 24237	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
NARROWS_GT2_3 24238	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
NARROWS_GT2_4 24239	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
NARROWS_GT2_5 24240	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
NARROWS_GT2_6 24241	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
NARROWS_GT2_7 24242	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
NARROWS_GT2_8 24243	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.68 2.16 0.00	38.34 2.10 0.00	36.03 1.98 0.00	35.43 1.94 0.00	36.98 2.03 0.00	42.48 2.29 0.00	55.20 2.88 0.00	52.90 2.37 0.00	42.84 1.61 0.00	35.16 1.06 0.00	34.17 0.96 0.00	33.33 0.88 0.00	32.43 0.79 -0.01	32.20 0.81 -0.28	32.98 0.87 -3.87	35.51 0.60 -5.00	41.31 0.83 -8.68	46.97 1.18 -8.93	57.87 1.84 -11.12	65.32 3.35 0.00	70.83 3.69 0.00	56.31 2.99 0.00	43.51 2.39 0.00	38.17 2.13 0.00



NCHELSEA_115KV_TR2 355582	41.06 2.54 0.00	38.59 2.36 0.00	36.30 2.25 0.00	35.66 2.18 0.00	37.19 2.24 0.00	43.08 2.89 0.00	56.09 3.77 0.00	54.11 3.59 0.00	44.16 2.93 0.00	36.52 2.42 0.00	35.70 2.49 0.00	34.95 2.50 0.00	34.10 2.44 -0.04	33.87 2.52 -0.25	34.39 2.32 -3.42	36.78 2.45 -4.42	42.09 2.61 -7.68	47.89 3.13 -7.90	58.69 3.95 -9.83	67.25 5.27 0.00	72.84 5.71 0.00	57.59 4.27 0.00	44.38 3.25 0.00	38.75 2.70 0.00
NEG CAPITAL___MECHNVIL 23645	40.91 2.39 0.00	38.56 2.32 0.00	36.20 2.15 0.00	35.56 2.08 0.00	37.12 2.17 0.00	42.76 2.57 0.00	55.78 3.45 0.00	53.35 2.83 0.00	43.34 2.10 0.00	35.60 1.50 0.00	34.60 1.39 0.00	33.75 1.30 0.00	32.85 1.20 -0.02	32.55 1.15 -0.30	33.82 1.09 -4.08	36.38 1.20 -5.28	42.52 1.56 -9.16	48.34 2.06 -9.42	59.92 2.60 -12.41	65.76 3.78 0.00	71.17 4.03 0.00	56.74 3.42 0.00	43.72 2.59 0.00	38.17 2.13 0.00
NEG CENTRAL_HIGH_ACRES 23767	36.39 -2.12 0.01	33.80 -2.43 0.01	32.24 -1.81 0.01	31.94 -1.54 0.01	33.23 -1.71 0.01	37.69 -2.49 0.01	45.91 -3.29 3.12	47.28 -3.23 0.01	39.25 -1.98 0.01	32.36 -1.74 0.01	31.28 -1.93 0.01	30.33 -2.11 0.01	29.69 -1.93 0.01	28.94 -2.18 -0.01	26.85 -2.01 -0.20	27.87 -2.18 -0.15	29.71 -2.35 -0.26	34.16 -2.69 0.01	38.84 -2.69 3.38	55.24 -3.78 2.95	61.97 -3.63 1.55	48.54 -3.36 1.43	38.11 -2.51 0.51	34.20 -1.84 0.01
NEG CENTRAL___DRP 24199	38.05 -0.46 0.01	35.87 -0.36 0.01	33.63 -0.41 0.01	33.14 -0.33 0.01	34.63 -0.31 0.01	39.77 -0.40 0.01	60.06 -0.37 -8.10	49.76 -0.76 0.01	40.69 -0.54 0.01	33.55 -0.55 0.01	32.54 -0.66 0.01	31.63 -0.81 0.01	30.83 -0.79 0.01	30.33 -0.78 -0.01	28.15 -0.72 -0.22	29.53 -0.81 -0.43	31.69 -0.86 -0.75	36.71 -0.92 -0.77	40.59 -0.49 3.83	60.01 -0.50 1.47	66.25 -0.60 0.28	51.93 -0.64 0.76	40.25 -0.58 0.30	35.53 -0.50 0.01
NEG CENTRAL___INDECK 23768	37.69 -0.81 0.02	35.20 -1.01 0.02	33.38 -0.65 0.02	33.00 -0.47 0.02	34.48 -0.46 0.02	39.28 -0.88 0.02	49.60 -1.10 1.62	48.88 -1.62 0.03	40.18 -1.03 0.02	32.85 -1.23 0.02	31.56 -1.63 0.02	30.48 -1.95 0.02	29.80 -1.80 0.02	29.07 -2.02 0.01	26.92 -1.83 -0.10	28.01 -1.85 0.05	29.72 -2.00 0.07	34.25 -1.88 0.72	36.87 -1.08 6.96	57.49 -0.99 3.49	64.54 -0.80 1.79	50.58 -1.07 1.68	39.58 -0.94 0.61	35.23 -0.79 0.02
NEG CENTRAL___SENECA 23627	37.81 -0.69 0.01	35.65 -0.58 0.01	33.43 -0.61 0.01	32.94 -0.54 0.01	34.45 -0.49 0.01	39.53 -0.64 0.01	65.15 -0.63 -13.45	49.45 -1.06 0.02	40.43 -0.78 0.02	33.27 -0.82 0.02	32.20 -1.00 0.01	31.27 -1.17 0.02	30.50 -1.11 0.02	29.98 -1.12 0.01	27.76 -1.03 -0.14	29.22 -1.14 -0.45	31.38 -1.21 -0.78	36.45 -1.22 -0.81	38.79 -0.67 5.45	58.71 -0.74 2.52	65.23 -0.87 1.04	51.18 -0.91 1.24	39.88 -0.78 0.46	35.38 -0.65 0.01
NEG CENTRAL___STATE_STREET 24147	38.40 -0.12 0.01	36.16 -0.07 0.01	33.94 -0.10 0.01	33.42 -0.07 0.01	34.91 -0.03 0.01	40.10 -0.08 0.01	54.13 0.00 -1.81	50.28 -0.25 -0.01	41.07 -0.16 0.00	33.90 -0.20 0.00	32.91 -0.30 0.00	32.06 -0.39 0.00	31.25 -0.38 0.00	30.73 -0.40 -0.03	28.66 -0.34 -0.35	29.94 -0.42 -0.45	32.14 -0.45 -0.79	37.19 -0.48 -0.81	42.48 -0.13 2.30	61.35 0.00 0.62	67.52 0.07 -0.31	52.74 -0.21 0.37	40.71 -0.25 0.17	35.82 -0.22 0.01
NEG MILLWOOD___DRP 24198	41.18 2.66 0.00	38.70 2.46 0.00	36.40 2.35 0.00	35.76 2.28 0.00	37.29 2.34 0.00	43.20 3.01 0.00	56.25 3.92 0.00	54.67 4.14 0.00	44.53 3.30 0.00	36.80 2.69 0.00	36.17 2.96 0.00	35.57 3.12 0.00	34.52 2.85 -0.04	34.31 2.96 -0.25	34.92 2.84 -3.43	36.97 2.63 -4.44	42.30 2.80 -7.70	48.13 3.35 -7.93	58.96 4.18 -9.87	67.43 5.45 0.00	73.18 6.04 0.00	57.75 4.43 0.00	44.50 3.37 0.00	38.82 2.78 0.00
NEG NORTH_FLCN_SEA 23793	38.33 -0.19 0.00	36.02 -0.22 0.00	33.75 -0.31 0.00	33.22 -0.27 0.00	34.64 -0.31 0.00	39.98 -0.20 0.00	52.17 -0.16 0.00	50.02 -0.51 0.00	40.53 -0.70 0.00	33.52 -0.58 0.00	32.51 -0.70 0.00	31.87 -0.58 0.00	31.03 -0.60 0.00	30.51 -0.59 0.00	28.14 -0.52 0.00	29.46 -0.45 0.00	31.35 -0.45 0.00	36.30 -0.55 0.00	44.55 -0.36 0.00	61.79 -0.19 0.00	66.94 -0.20 0.00	53.33 0.00 0.00	40.92 -0.21 0.00	35.83 -0.22 0.00
NEG NORTH_KES_CHATEGAY 23792	37.98 -0.54 0.00	35.70 -0.54 0.00	33.44 -0.61 0.00	32.92 -0.57 0.00	34.32 -0.63 0.00	39.58 -0.60 0.00	51.64 -0.68 0.00	49.52 -1.01 0.00	40.16 -1.07 0.00	33.15 -0.95 0.00	32.21 -1.00 0.00	31.54 -0.91 0.00	30.71 -0.92 0.00	30.20 -0.90 0.00	27.88 -0.77 0.00	29.16 -0.75 0.00	31.04 -0.76 0.00	35.97 -0.88 0.00	44.15 -0.76 0.00	61.11 -0.87 0.00	66.26 -0.87 0.00	52.74 -0.59 0.00	40.55 -0.58 0.00	35.50 -0.54 0.00
NEG NORTH___ALICE_FALLS 23915	38.41 -0.12 0.00	36.09 -0.14 0.00	33.78 -0.27 0.00	33.29 -0.20 0.00	34.71 -0.24 0.00	40.11 -0.08 0.00	52.43 0.10 0.00	50.17 -0.35 0.00	40.62 -0.62 0.00	33.56 -0.55 0.00	32.51 -0.70 0.00	31.90 -0.55 0.00	31.06 -0.57 0.00	30.51 -0.59 0.00	28.16 -0.49 0.00	29.49 -0.42 0.00	31.39 -0.41 0.00	36.34 -0.52 0.00	44.68 -0.22 0.00	62.04 0.06 0.00	67.20 0.07 0.00	53.49 0.16 0.00	41.00 -0.12 0.00	35.93 -0.11 0.00
NEG NORTH___LWR_SARANAC 23913	38.41 -0.12 0.00	36.09 -0.14 0.00	33.78 -0.27 0.00	33.29 -0.20 0.00	34.71 -0.24 0.00	40.11 -0.08 0.00	52.43 0.10 0.00	50.17 -0.35 0.00	40.62 -0.62 0.00	33.56 -0.55 0.00	32.51 -0.70 0.00	31.90 -0.55 0.00	31.06 -0.57 0.00	30.51 -0.59 0.00	28.16 -0.49 0.00	29.49 -0.42 0.00	31.39 -0.41 0.00	36.34 -0.52 0.00	44.68 -0.22 0.00	62.04 0.06 0.00	67.20 0.07 0.00	53.49 0.16 0.00	41.00 -0.12 0.00	35.93 -0.11 0.00
NEG NORTH___PLATTSBURG 23628	38.41 -0.12 0.00	36.13 -0.11 0.00	33.78 -0.27 0.00	33.32 -0.17 0.00	34.71 -0.24 0.00	40.11 -0.08 0.00	52.27 -0.05 0.00	50.17 -0.35 0.00	40.62 -0.62 0.00	33.56 -0.55 0.00	32.51 -0.70 0.00	31.90 -0.55 0.00	31.06 -0.57 0.00	30.55 -0.56 0.00	28.16 -0.49 0.00	29.49 -0.42 0.00	31.39 -0.41 0.00	36.34 -0.52 0.00	44.69 -0.22 0.00	62.04 0.06 0.00	67.20 0.07 0.00	53.49 0.16 0.00	41.00 -0.12 0.00	35.94 -0.11 0.00
NEG WEST_LEA_LOCKPORT 23791	35.08 -3.43 0.02	33.40 -2.83 0.02	31.28 -2.76 0.02	30.89 -2.58 0.02	32.10 -2.83 0.02	35.95 -4.22 0.02	44.59 -5.39 2.35	44.85 -5.66 0.01	37.68 -3.55 0.01	31.09 -3.00 0.01	29.94 -3.25 0.01	28.90 -3.54 0.01	28.29 -3.32 0.01	27.65 -3.45 0.00	25.49 -3.32 -0.16	26.84 -3.50 -0.43	28.73 -3.82 -0.75	33.50 -4.13 -0.77	35.22 -4.27 5.42	51.76 -6.76 3.47	58.45 -6.85 1.84	46.11 -5.55 1.67	36.70 -3.82 0.60	32.71 -3.32 0.02
NEG WEST___LANCASTR 23811	36.00 -2.50 0.02	34.01 -2.21 0.02	31.55 -2.49 0.02	30.89 -2.58 0.02	32.21 -2.73 0.02	37.84 -2.33 0.02	47.08 -3.19 2.06	47.73 -2.78 0.02	38.08 -3.13 0.02	31.66 -2.42 0.02	31.07 -2.13 0.02	30.45 -1.98 0.02	29.55 -2.06 0.02	29.64 -1.46 0.01	27.61 -1.20 -0.16	28.91 -1.50 -0.50	31.01 -1.65 -0.86	35.83 -1.92 -0.89	37.00 -1.44 6.47	56.24 -2.23 3.50	61.50 -3.76 1.88	49.76 -1.87 1.70	38.95 -1.56 0.61	34.51 -1.51 0.02

NEG_PENN_ALLEGHNY 23528	39.00 0.46 -0.02	36.73 0.47 -0.02	34.45 0.38 -0.02	33.84 0.33 -0.02	35.39 0.42 -0.02	40.73 0.52 -0.02	55.91 0.89 -2.70	50.63 0.10 0.00	41.24 0.00 0.00	34.04 -0.07 0.00	33.08 -0.13 0.00	32.26 -0.19 0.00	31.44 -0.19 0.00	31.03 -0.15 -0.08	29.53 -0.14 -1.02	31.66 -0.03 -1.79	34.83 -0.06 -3.09	40.70 0.04 -3.81	60.56 0.76 -14.89	64.63 1.17 -1.48	68.79 1.14 -0.51	54.79 0.80 -0.66	41.95 0.58 -0.24	36.50 0.43 -0.02
NEG___GEN_MONROE 24207	36.66 -1.85 0.01	34.63 -1.59 0.01	32.54 -1.50 0.01	32.17 -1.31 0.01	33.54 -1.40 0.01	37.84 -2.33 0.01	46.58 -3.09 2.66	47.43 -3.08 0.01	39.49 -1.73 0.01	32.49 -1.60 0.01	31.34 -1.86 0.01	30.33 -2.11 0.01	29.63 -1.99 0.01	28.96 -2.15 0.00	26.74 -2.09 -0.18	28.01 -2.27 -0.38	30.01 -2.45 -0.66	34.81 -2.73 -0.68	38.09 -2.60 4.22	54.89 -3.78 3.30	61.90 -3.49 1.75	48.53 -3.20 1.60	38.29 -2.26 0.57	34.09 -1.95 0.01
NEPA___ENERGY 23901	36.38 -2.12 0.02	34.44 -1.78 0.02	32.23 -1.80 0.02	31.73 -1.74 0.02	33.01 -1.92 0.02	37.88 -2.29 0.02	47.15 -3.09 2.09	47.32 -3.18 0.02	38.95 -2.27 0.02	32.14 -1.94 0.02	31.17 -2.03 0.02	30.23 -2.21 0.02	29.46 -2.15 0.02	29.05 -2.05 0.01	26.86 -1.95 -0.16	28.30 -2.09 -0.49	30.36 -2.29 -0.85	35.19 -2.54 -0.88	36.26 -2.11 6.54	55.36 -3.10 3.52	61.56 -3.69 1.88	48.91 -2.72 1.70	38.54 -1.97 0.61	34.36 -1.66 0.02
NEVERSINK___HYD 23608	41.26 2.74 0.00	38.99 2.75 0.00	36.51 2.45 0.00	35.80 2.31 0.00	37.43 2.48 0.00	43.36 3.17 0.00	56.95 4.34 -0.29	54.57 4.04 0.00	44.49 3.26 0.00	36.66 2.56 0.00	35.77 2.56 0.00	34.98 2.53 0.00	34.09 2.44 -0.03	33.88 2.55 -0.22	34.08 2.35 -3.08	36.36 2.48 -3.97	41.37 2.67 -6.90	47.20 3.24 -7.10	61.07 4.13 -12.03	67.93 5.64 -0.31	73.37 6.17 -0.06	58.00 4.53 -0.15	44.64 3.46 -0.06	38.78 2.74 0.00
NEWKRMKL_115KV_TB1 55635	40.02 1.50 0.00	37.65 1.41 0.00	35.41 1.36 0.00	34.83 1.34 0.00	36.31 1.36 0.00	41.59 1.41 0.00	54.00 1.67 0.00	51.94 1.41 0.00	42.35 1.11 0.00	34.96 0.85 0.00	34.07 0.86 0.00	33.29 0.84 0.00	32.43 0.79 -0.02	32.18 0.78 -0.29	33.36 0.69 -4.02	35.88 0.78 -5.20	41.74 0.92 -9.02	47.31 1.18 -9.28	57.94 1.48 -11.55	63.96 1.98 0.00	69.22 2.08 0.00	55.14 1.81 0.00	42.69 1.56 0.00	37.56 1.51 0.00
NEWTON___FALLS_HYD 23847	37.17 -1.35 0.00	34.90 -1.34 0.00	32.69 -1.36 0.00	32.11 -1.37 0.00	33.55 -1.40 0.00	38.70 -1.49 0.00	50.91 -1.41 0.00	48.71 -1.82 0.00	39.13 -2.10 0.00	32.40 -1.71 0.00	31.35 -1.86 0.00	30.63 -1.82 0.00	29.67 -1.96 0.00	29.15 -1.96 -0.01	26.88 -1.86 -0.09	28.20 -1.82 -0.11	30.06 -1.94 -0.20	35.03 -2.03 -0.20	43.64 -1.53 -0.26	60.83 -1.30 -0.15	66.25 -1.21 -0.32	52.30 -1.07 -0.04	40.10 -1.03 0.00	35.07 -0.97 0.00
NGRID_A1_DSASP 323792	34.34 -4.16 0.02	32.67 -3.55 0.02	30.60 -3.44 0.02	30.26 -3.21 0.02	31.41 -3.53 0.02	35.15 -5.02 0.02	43.20 -6.80 2.32	43.89 -6.62 0.01	37.01 -4.21 0.02	30.58 -3.51 0.02	29.46 -3.72 0.03	28.44 -3.99 0.02	27.85 -3.76 0.02	27.18 -3.92 0.00	25.06 -3.75 -0.16	26.33 -4.01 -0.44	28.20 -4.36 -0.76	32.84 -4.79 -0.78	34.17 -5.21 5.53	50.32 -8.12 3.54	56.95 -8.33 1.87	44.92 -6.72 1.69	35.87 -4.65 0.61	32.03 -4.00 0.02
NGRID_A2_DSASP 323793	34.34 -4.16 0.02	32.67 -3.55 0.02	30.60 -3.44 0.02	30.26 -3.21 0.02	31.41 -3.53 0.02	35.15 -5.02 0.02	43.20 -6.80 2.32	43.89 -6.62 0.01	37.01 -4.21 0.02	30.58 -3.51 0.02	29.46 -3.72 0.03	28.44 -3.99 0.02	27.85 -3.76 0.02	27.18 -3.92 0.00	25.06 -3.75 -0.16	26.33 -4.01 -0.44	28.20 -4.36 -0.76	32.84 -4.79 -0.78	34.17 -5.21 5.53	50.32 -8.12 3.54	56.95 -8.33 1.87	44.92 -6.72 1.69	35.87 -4.65 0.61	32.03 -4.00 0.02
NGRID_A4_DSASP 323807	34.34 -4.16 0.02	32.67 -3.55 0.02	30.60 -3.44 0.02	30.26 -3.21 0.02	31.41 -3.53 0.02	35.15 -5.02 0.02	43.20 -6.80 2.32	43.89 -6.62 0.01	37.01 -4.21 0.02	30.58 -3.51 0.02	29.46 -3.72 0.03	28.44 -3.99 0.02	27.85 -3.76 0.02	27.18 -3.92 0.00	25.06 -3.75 -0.16	26.33 -4.01 -0.44	28.20 -4.36 -0.76	32.84 -4.79 -0.78	34.17 -5.21 5.53	50.32 -8.12 3.54	56.95 -8.33 1.87	44.92 -6.72 1.69	35.87 -4.65 0.61	32.03 -4.00 0.02
NIAGARA_115E_LBMP 323715	34.69 -3.81 0.02	32.35 -3.88 0.02	30.94 -3.10 0.02	30.73 -2.75 0.02	31.76 -3.18 0.02	35.27 -4.90 0.02	43.98 -6.02 2.32	44.04 -6.47 0.02	37.06 -4.16 0.02	30.61 -3.48 0.02	29.48 -3.72 0.01	28.44 -3.99 0.02	27.88 -3.73 0.02	27.06 -4.04 0.00	25.12 -3.70 -0.16	26.01 -3.92 -0.02	27.55 -4.29 -0.04	31.98 -4.42 0.45	34.98 -4.71 5.21	50.60 -7.87 3.50	57.43 -7.85 1.85	45.19 -6.45 1.69	36.04 -4.48 0.61	32.53 -3.50 0.02
NIAGARA_115W_LBMP 323714	34.34 -4.16 0.02	31.84 -4.39 0.02	30.53 -3.51 0.02	30.29 -3.18 0.02	31.34 -3.60 0.02	35.07 -5.10 0.02	43.04 -6.96 2.32	43.79 -6.72 0.02	36.93 -4.29 0.02	30.51 -3.58 0.02	29.36 -3.82 0.03	28.38 -4.06 0.02	27.78 -3.83 0.02	26.97 -4.14 0.00	25.03 -3.78 -0.16	25.89 -4.04 -0.02	27.42 -4.42 -0.04	31.61 -4.79 0.45	34.44 -5.25 5.21	50.25 -8.18 3.54	57.01 -8.26 1.86	44.81 -6.83 1.69	35.79 -4.73 0.61	32.39 -3.64 0.02
NIAGARA_230_LBMP 323716	35.00 -3.51 0.02	32.53 -3.70 0.02	31.11 -2.93 0.02	30.83 -2.65 0.02	31.93 -3.01 0.02	35.75 -4.42 0.02	43.95 -6.07 2.30	44.75 -5.76 0.02	37.59 -3.63 0.01	31.05 -3.04 0.01	29.95 -3.25 0.01	28.93 -3.51 0.01	28.32 -3.29 0.01	27.53 -3.58 0.00	25.55 -3.27 -0.16	26.43 -3.50 -0.03	28.00 -3.85 -0.05	32.00 -4.42 0.43	35.00 -4.71 5.19	51.45 -7.00 3.52	58.22 -7.05 1.87	45.82 -5.81 1.70	36.49 -4.03 0.61	32.96 -3.06 0.02
NIAGARA___115KV_198_GIBSON 55903	34.27 -4.24 0.02	32.60 -3.62 0.02	30.53 -3.51 0.02	30.19 -3.28 0.02	31.34 -3.60 0.02	35.07 -5.10 0.02	43.10 -6.91 2.32	43.79 -6.72 0.01	36.93 -4.29 0.02	30.51 -3.58 0.02	29.39 -3.79 0.03	28.38 -4.06 0.02	27.79 -3.83 0.02	27.12 -3.98 0.00	25.00 -3.81 -0.16	26.30 -4.04 -0.44	28.14 -4.42 -0.76	32.80 -4.83 -0.78	34.13 -5.25 5.53	50.20 -8.24 3.53	56.81 -8.46 1.87	44.81 -6.83 1.69	35.79 -4.73 0.61	31.95 -4.07 0.02
NIAGARA____ 23760	35.00 -3.51 0.02	32.53 -3.70 0.02	31.11 -2.93 0.02	30.83 -2.65 0.02	31.93 -3.01 0.02	35.75 -4.42 0.02	43.94 -6.07 2.31	44.75 -5.76 0.02	37.59 -3.63 0.01	31.05 -3.04 0.01	29.94 -3.25 0.02	28.93 -3.51 0.01	28.32 -3.29 0.01	27.53 -3.58 0.00	25.55 -3.27 -0.16	26.43 -3.50 -0.02	27.99 -3.85 -0.04	32.00 -4.42 0.43	35.00 -4.71 5.20	51.45 -7.00 3.52	58.23 -7.05 1.86	45.82 -5.81 1.69	36.49 -4.03 0.61	32.96 -3.06 0.02
NINE_MILE_1 23575	37.40 -1.12 0.00	35.12 -1.12 0.00	33.10 -0.95 0.00	32.58 -0.90 0.00	34.01 -0.94 0.00	38.98 -1.20 0.00	50.81 -1.52 0.00	48.91 -1.62 0.00	40.00 -1.24 0.00	33.11 -0.99 0.00	32.25 -0.96 0.00	31.48 -0.97 0.00	30.68 -0.95 0.00	30.15 -0.96 -0.01	27.93 -0.89 -0.17	29.17 -0.96 -0.22	31.10 -1.08 -0.38	35.92 -1.33 -0.39	37.97 -1.53 5.41	40.08 -2.04 19.85	50.81 -2.15 14.18	42.25 -1.87 9.21	36.67 -1.40 3.06	34.93 -1.12 0.00

NINE_MILE_2 23744	37.40 -1.12 0.00	35.12 -1.12 0.00	33.10 -0.95 0.00	32.58 -0.90 0.00	34.01 -0.94 0.00	38.98 -1.20 0.00	50.81 -1.52 0.00	48.91 -1.62 0.00	40.00 -1.24 0.00	33.15 -0.95 0.00	32.25 -0.96 0.00	31.48 -0.97 0.00	30.68 -0.95 0.00	30.15 -0.96 -0.01	27.93 -0.89 -0.17	29.17 -0.96 -0.22	31.10 -1.08 -0.38	35.92 -1.33 -0.39	37.91 -1.53 5.47	39.82 -2.04 20.11	50.62 -2.15 14.37	42.13 -1.87 9.33	36.63 -1.40 3.10	34.93 -1.12 0.00
NM_CAPITAL___DRP 24208	40.10 1.58 0.00	37.72 1.49 0.00	35.48 1.43 0.00	34.86 1.37 0.00	36.38 1.43 0.00	41.71 1.53 0.00	54.16 1.83 0.00	52.14 1.62 0.00	42.51 1.28 0.00	35.09 0.99 0.00	34.21 1.00 0.00	33.42 0.97 0.00	32.59 0.95 -0.02	32.30 0.90 -0.29	33.46 0.80 -4.01	35.99 0.90 -5.19	41.85 1.05 -9.00	47.44 1.33 -9.26	58.09 1.66 -11.52	64.21 2.23 0.00	69.42 2.28 0.00	55.35 2.03 0.00	42.81 1.69 0.00	37.63 1.59 0.00
NM_CENTRAL___DRP 24181	38.25 -0.27 0.00	36.02 -0.22 0.00	33.85 -0.20 0.00	33.29 -0.20 0.00	34.78 -0.17 0.00	39.90 -0.28 0.00	52.43 -0.26 -0.37	50.07 -0.45 0.00	40.99 -0.25 0.00	33.90 -0.20 0.00	32.98 -0.23 0.00	32.16 -0.29 0.00	31.34 -0.28 0.00	30.81 -0.31 -0.02	28.63 -0.29 -0.26	29.92 -0.33 -0.34	31.98 -0.41 -0.59	36.95 -0.52 -0.61	43.11 -0.54 1.26	60.32 -0.62 1.04	66.47 -0.67 0.00	52.07 -0.69 0.56	40.37 -0.53 0.23	35.57 -0.47 0.00
NM_FRONTIER___DRP 24179	34.27 -4.24 0.02	32.60 -3.62 0.02	30.53 -3.51 0.02	30.19 -3.28 0.02	31.34 -3.60 0.02	35.07 -5.10 0.02	43.10 -6.91 2.32	43.79 -6.72 0.01	36.93 -4.29 0.02	30.51 -3.58 0.02	29.39 -3.79 0.03	28.38 -4.06 0.02	27.79 -3.83 0.02	27.12 -3.98 0.00	25.00 -3.81 -0.16	26.30 -4.04 -0.44	28.14 -4.42 -0.76	32.80 -4.83 -0.78	34.13 -5.25 5.53	50.20 -8.24 3.53	56.81 -8.46 1.87	44.81 -6.83 1.69	35.79 -4.73 0.61	31.95 -4.07 0.02
NM_ST_REGIS___HYD 24053	36.79 -1.73 0.00	34.61 -1.63 0.00	32.42 -1.63 0.00	31.88 -1.61 0.00	33.27 -1.68 0.00	38.46 -1.73 0.00	50.44 -1.88 0.00	48.25 -2.27 0.00	38.84 -2.39 0.00	32.12 -1.98 0.00	31.12 -2.09 0.00	30.50 -1.95 0.00	29.64 -1.99 0.00	29.11 -1.99 0.00	26.85 -1.81 0.00	28.14 -1.76 0.00	29.96 -1.84 0.00	34.72 -2.14 0.00	42.84 -2.07 0.00	59.70 -2.36 -0.08	64.83 -2.48 -0.17	51.54 -1.81 -0.02	39.52 -1.60 0.00	34.57 -1.48 0.00
NORTHPORT___1 23551	41.80 3.27 -0.01	39.43 3.19 0.00	36.99 2.93 -0.01	36.17 2.68 0.00	37.93 2.97 -0.01	43.85 3.66 -0.01	57.08 4.76 0.00	55.17 4.65 0.00	45.20 3.96 -0.01	37.49 3.38 -0.01	36.67 3.45 -0.01	35.97 3.51 -0.01	35.02 3.35 -0.05	34.66 3.30 -0.26	35.23 3.18 -3.39	37.61 3.32 -4.39	44.73 3.50 -9.43	56.66 4.09 -15.72	61.66 4.40 -12.34	67.78 5.51 -0.29	72.98 5.84 -0.01	58.37 4.90 -0.14	45.22 4.03 -0.06	39.30 3.25 -0.01
NORTHPORT___2 23552	41.80 3.27 -0.01	39.43 3.19 0.00	36.99 2.93 -0.01	36.17 2.68 0.00	37.93 2.97 -0.01	43.85 3.66 -0.01	57.08 4.76 0.00	55.17 4.65 0.00	45.20 3.96 -0.01	37.49 3.38 -0.01	36.67 3.45 -0.01	35.97 3.51 -0.01	35.02 3.35 -0.05	34.66 3.30 -0.26	35.23 3.18 -3.39	37.61 3.32 -4.39	44.73 3.50 -9.43	56.66 4.09 -15.72	61.66 4.40 -12.34	67.78 5.51 -0.29	72.98 5.84 -0.01	58.37 4.90 -0.14	45.22 4.03 -0.06	39.30 3.25 -0.01
NORTHPORT___3 23553	41.80 3.27 -0.01	39.43 3.19 0.00	36.95 2.89 -0.01	36.13 2.64 0.00	37.90 2.94 -0.01	43.81 3.62 -0.01	57.04 4.71 0.00	55.12 4.60 0.00	45.16 3.92 -0.01	37.49 3.38 -0.01	36.67 3.45 -0.01	35.93 3.47 -0.01	34.99 3.32 -0.05	34.63 3.27 -0.26	35.23 3.18 -3.39	37.58 3.29 -4.39	44.70 3.47 -9.43	56.65 4.05 -15.74	61.61 4.35 -12.34	67.72 5.46 -0.29	72.92 5.77 -0.01	58.32 4.85 -0.14	45.17 3.99 -0.06	39.26 3.21 -0.01
NORTHPORT___4 23650	41.80 3.27 -0.01	39.43 3.19 0.00	36.95 2.89 -0.01	36.13 2.64 0.00	37.90 2.94 -0.01	43.81 3.62 -0.01	57.04 4.71 0.00	55.12 4.60 0.00	45.16 3.92 -0.01	37.49 3.38 -0.01	36.67 3.45 -0.01	35.93 3.47 -0.01	34.99 3.32 -0.05	34.63 3.27 -0.26	35.23 3.18 -3.39	37.58 3.29 -4.39	44.70 3.47 -9.43	56.65 4.05 -15.74	61.61 4.35 -12.34	67.72 5.46 -0.29	72.92 5.77 -0.01	58.32 4.85 -0.14	45.17 3.99 -0.06	39.26 3.21 -0.01
NORTHPORT___IC 23718	41.84 3.31 -0.01	39.25 3.01 0.00	36.99 2.93 -0.01	36.30 2.81 0.00	37.93 2.97 -0.01	43.85 3.66 -0.01	56.98 4.66 0.00	55.17 4.65 0.00	45.16 3.92 -0.01	37.52 3.41 -0.01	36.67 3.45 -0.01	35.96 3.50 -0.01	35.03 3.35 -0.05	34.66 3.30 -0.26	35.26 3.21 -3.39	37.62 3.32 -4.39	44.73 3.50 -9.44	56.67 4.09 -15.72	59.06 4.40 -9.75	67.50 5.52 -0.01	72.99 5.84 -0.01	58.24 4.91 -0.01	45.17 4.03 -0.01	39.44 3.39 -0.01
NORTH___COUNTRY_ESR 323785	37.90 -0.62 0.00	35.62 -0.62 0.00	33.37 -0.68 0.00	32.89 -0.60 0.00	34.25 -0.70 0.00	39.46 -0.72 0.00	51.38 -0.94 0.00	49.41 -1.11 0.00	40.12 -1.11 0.00	33.15 -0.95 0.00	32.21 -1.00 0.00	31.54 -0.91 0.00	30.74 -0.89 0.00	30.27 -0.84 0.00	27.88 -0.77 0.00	29.16 -0.75 0.00	31.01 -0.79 0.00	35.93 -0.92 0.00	44.01 -0.90 0.00	60.92 -1.05 0.00	66.06 -1.08 0.00	52.58 -0.75 0.00	40.43 -0.70 0.00	35.43 -0.61 0.00
NPX_GEN_1385_PROXY 323591	41.80 3.27 -0.01	39.43 3.19 0.00	36.99 2.93 -0.01	36.17 2.68 0.00	37.93 2.97 -0.01	43.85 3.66 -0.01	57.08 4.76 0.00	55.17 4.65 0.00	45.20 3.96 -0.01	37.49 3.38 -0.01	36.67 3.45 -0.01	35.97 3.51 -0.01	35.02 3.35 -0.05	34.66 3.30 -0.26	35.23 3.18 -3.39	37.61 3.32 -4.39	44.73 3.50 -9.43	56.66 4.09 -15.72	61.66 4.40 -12.34	67.78 5.51 -0.29	72.98 5.84 -0.01	58.37 4.90 -0.14	45.22 4.03 -0.06	39.30 3.25 -0.01
NPX_GEN_CSC 323557	42.11 3.58 -0.01	39.83 3.59 0.00	37.36 3.30 -0.01	36.43 2.95 0.00	38.24 3.28 -0.01	44.33 4.14 -0.01	57.61 5.28 0.00	55.73 5.21 0.00	45.70 4.45 -0.01	37.90 3.79 -0.01	37.10 3.88 -0.01	36.38 3.92 -0.01	35.40 3.73 -0.05	35.04 3.67 -0.26	35.60 3.55 -3.39	38.00 3.71 -4.39	45.19 3.94 -9.45	57.27 4.61 -15.81	62.50 5.25 -12.34	69.08 6.82 -0.29	74.33 7.19 -0.01	59.12 5.65 -0.14	45.75 4.56 -0.06	39.69 3.64 -0.01
NSINS_S_GLNS_FALLS 23858	41.14 2.62 0.00	38.74 2.50 0.00	36.40 2.35 0.00	35.83 2.34 0.00	37.40 2.45 0.00	43.08 2.89 0.00	56.14 3.82 0.00	53.66 3.13 0.00	43.46 2.23 0.00	35.60 1.50 0.00	34.57 1.36 0.00	33.65 1.20 0.00	32.75 1.11 -0.01	32.49 1.09 -0.30	33.77 1.00 -4.11	36.27 1.05 -5.32	42.52 1.49 -9.23	48.38 2.03 -9.49	59.35 2.65 -11.79	66.07 4.09 0.00	71.50 4.36 0.00	57.22 3.89 0.00	44.01 2.88 0.00	38.46 2.41 0.00
NUCOR_STEEL___DRP 24197	38.55 0.04 0.00	36.31 0.07 0.00	34.08 0.03 0.00	33.55 0.07 0.00	35.05 0.10 0.00	40.26 0.08 0.00	53.00 0.16 -0.52	50.38 -0.15 -0.01	41.20 -0.04 0.00	34.00 -0.10 0.00	33.01 -0.20 0.00	32.16 -0.29 0.00	31.38 -0.25 0.00	30.86 -0.28 -0.03	28.77 -0.26 -0.37	30.02 -0.33 -0.44	32.19 -0.38 -0.77	37.24 -0.41 -0.79	42.95 -0.09 1.87	61.90 0.06 0.14	67.89 0.13 -0.62	53.08 -0.11 0.14	40.92 -0.12 0.09	35.97 -0.07 0.00

NUMBER_THREE_WT_PWR 323818	38.14 -0.39 0.00	35.66 -0.58 0.00	33.37 -0.68 0.00	32.75 -0.74 0.00	34.22 -0.74 0.00	39.38 -0.80 0.00	51.90 -0.42 0.00	49.82 -0.71 0.00	39.96 -1.28 0.00	33.18 -0.92 0.00	32.08 -1.13 0.00	31.28 -1.17 0.00	30.14 -1.49 0.00	29.56 -1.55 -0.01	27.20 -1.58 -0.12	28.51 -1.56 -0.16	30.46 -1.62 -0.28	35.70 -1.44 -0.28	45.16 -0.22 -0.48	62.93 0.80 -0.15	68.53 1.07 -0.32	53.95 0.59 -0.04	41.38 0.25 0.00	36.12 0.07 0.00
NYISO_LBMP_REFERENCE 24008	38.52 0.00 0.00	36.24 0.00 0.00	34.05 0.00 0.00	33.49 0.00 0.00	34.95 0.00 0.00	40.19 0.00 0.00	52.32 0.00 0.00	50.53 0.00 0.00	41.24 0.00 0.00	34.10 0.00 0.00	33.21 0.00 0.00	32.45 0.00 0.00	31.63 0.00 0.00	31.11 0.00 0.00	28.65 0.00 0.00	29.91 0.00 0.00	31.80 0.00 0.00	36.85 0.00 0.00	44.91 0.00 0.00	61.98 0.00 0.00	67.14 0.00 0.00	53.33 0.00 0.00	41.13 0.00 0.00	36.04 0.00 0.00
NYPA_BRENTWD____GT 24164	42.23 3.70 -0.01	39.86 3.62 0.00	37.36 3.30 -0.01	36.50 3.02 0.00	38.28 3.32 -0.01	44.30 4.10 -0.01	57.66 5.34 0.00	55.73 5.21 0.00	45.66 4.41 -0.01	37.86 3.75 -0.01	37.04 3.82 -0.01	36.32 3.86 -0.01	35.34 3.67 -0.05	34.97 3.61 -0.26	35.54 3.49 -3.39	37.94 3.65 -4.39	45.12 3.85 -9.48	57.31 4.53 -15.92	62.28 5.03 -12.34	68.71 6.45 -0.29	73.92 6.78 -0.01	58.96 5.49 -0.14	45.75 4.56 -0.06	39.69 3.64 -0.01
NYPA_GOWANUS____GT5 24156	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
NYPA_GOWANUS____GT6 24157	41.54 3.01 -0.01	39.22 2.97 -0.01	36.74 2.69 0.00	35.93 2.44 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.87 0.00	36.26 3.05 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.25 2.96 -4.38	42.42 3.02 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.67 3.49 -0.05	38.86 2.81 0.00
NYPA_HARLEM__RVR__GT1 24160	41.14 2.62 0.00	38.92 2.68 0.00	36.54 2.48 0.00	35.66 2.18 0.00	37.29 2.34 0.00	42.92 2.73 0.00	55.92 3.61 0.01	54.05 3.54 0.01	44.32 3.09 0.01	36.92 2.83 0.01	36.22 3.02 0.01	35.59 3.15 0.01	34.83 3.16 -0.04	34.64 3.27 -0.26	34.99 2.95 -3.39	37.21 2.93 -4.37	42.32 2.92 -7.59	48.13 3.46 -7.81	61.46 4.22 -12.33	67.64 5.39 -0.27	72.70 5.57 0.01	57.56 4.11 -0.13	44.35 3.17 -0.05	38.57 2.52 0.00
NYPA_HARLEM__RVR__GT2 24161	41.14 2.62 0.00	38.92 2.68 0.00	36.54 2.48 0.00	35.66 2.18 0.00	37.29 2.34 0.00	42.92 2.73 0.00	55.92 3.61 0.01	54.05 3.54 0.01	44.32 3.09 0.01	36.92 2.83 0.01	36.22 3.02 0.01	35.59 3.15 0.01	34.83 3.16 -0.04	34.64 3.27 -0.26	34.99 2.95 -3.39	37.21 2.93 -4.37	42.32 2.92 -7.59	48.13 3.46 -7.81	61.46 4.22 -12.33	67.64 5.39 -0.27	72.70 5.57 0.01	57.56 4.11 -0.13	44.35 3.17 -0.05	38.57 2.52 0.00
NYPA_KENT____GT 24152	41.42 2.89 0.00	39.11 2.86 0.00	36.67 2.62 0.00	35.83 2.34 0.00	37.47 2.52 0.00	43.24 3.05 0.00	56.30 3.97 0.00	54.32 3.79 0.00	44.49 3.26 0.00	37.00 2.90 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.64 3.27 -0.27	35.00 2.95 -3.40	37.27 2.99 -4.38	42.45 3.05 -7.60	48.25 3.57 -7.82	61.78 4.53 -12.33	68.02 5.76 -0.28	73.18 6.04 0.00	57.94 4.48 -0.13	44.63 3.46 -0.05	38.82 2.78 0.00
NYPA_POUCH1____GT 24155	41.65 3.12 -0.01	39.33 3.08 -0.01	36.84 2.79 0.00	36.00 2.51 0.00	37.64 2.69 0.00	43.32 3.14 0.00	56.30 3.97 0.00	54.21 3.69 0.00	44.29 3.05 0.00	36.83 2.73 0.00	36.13 2.92 0.00	35.47 3.02 0.00	34.71 3.04 -0.05	34.48 3.11 -0.27	34.86 2.81 -3.40	37.16 2.87 -4.38	42.29 2.89 -7.60	48.14 3.46 -7.82	61.69 4.45 -12.33	67.90 5.64 -0.28	73.05 5.91 0.00	57.94 4.48 -0.13	44.67 3.49 -0.05	38.89 2.85 0.00
NYPA_VERNON____GT2 24162	41.33 2.81 0.00	39.03 2.79 0.00	36.57 2.52 0.00	35.77 2.28 0.00	37.40 2.45 0.00	43.16 2.97 0.00	56.25 3.93 0.00	54.36 3.84 0.00	44.54 3.30 0.00	37.07 2.97 0.00	36.33 3.12 0.00	35.66 3.21 0.00	34.87 3.19 -0.05	34.67 3.30 -0.27	35.03 2.98 -3.40	37.30 3.02 -4.38	42.48 3.08 -7.60	48.29 3.61 -7.82	61.73 4.49 -12.33	68.02 5.76 -0.28	73.11 5.97 0.00	57.94 4.48 -0.13	44.59 3.41 -0.05	38.78 2.74 0.00
NYPA_VERNON____GT3 24163	41.33 2.81 0.00	39.03 2.79 0.00	36.57 2.52 0.00	35.77 2.28 0.00	37.40 2.45 0.00	43.16 2.97 0.00	56.25 3.93 0.00	54.36 3.84 0.00	44.54 3.30 0.00	37.07 2.97 0.00	36.33 3.12 0.00	35.66 3.21 0.00	34.87 3.19 -0.05	34.67 3.30 -0.27	35.03 2.98 -3.40	37.30 3.02 -4.38	42.48 3.08 -7.60	48.29 3.61 -7.82	61.73 4.49 -12.33	68.02 5.76 -0.28	73.11 5.97 0.00	57.94 4.48 -0.13	44.59 3.41 -0.05	38.78 2.74 0.00
NYPA__ASTORIA_CC1 323568	41.26 2.74 0.00	38.96 2.72 0.00	36.54 2.48 0.00	35.73 2.24 0.00	37.36 2.41 0.00	43.12 2.93 0.00	56.14 3.82 0.00	54.26 3.74 0.00	44.45 3.22 0.00	37.00 2.90 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.64 3.27 -0.27	35.00 2.95 -3.40	37.27 2.99 -4.38	42.42 3.02 -7.60	48.21 3.54 -7.82	61.69 4.45 -12.33	67.90 5.64 -0.28	72.98 5.84 0.00	57.83 4.37 -0.13	44.51 3.33 -0.05	38.71 2.67 0.00
NYPA__ASTORIA_CC2 323569	41.26 2.74 0.00	38.96 2.72 0.00	36.54 2.48 0.00	35.73 2.24 0.00	37.36 2.41 0.00	43.12 2.93 0.00	56.14 3.82 0.00	54.26 3.74 0.00	44.45 3.22 0.00	37.00 2.90 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.64 3.27 -0.27	35.00 2.95 -3.40	37.27 2.99 -4.38	42.42 3.02 -7.60	48.21 3.54 -7.82	61.69 4.45 -12.33	67.90 5.64 -0.28	72.98 5.84 0.00	57.83 4.37 -0.13	44.51 3.33 -0.05	38.71 2.67 0.00
NYPA__HOLTSVILL 23794	42.03 3.50 -0.01	39.72 3.48 0.00	37.23 3.17 -0.01	36.33 2.84 0.00	38.14 3.18 -0.01	44.13 3.94 -0.01	57.40 5.07 0.00	55.53 5.00 0.00	45.53 4.29 -0.01	37.76 3.65 -0.01	36.94 3.72 -0.01	36.22 3.76 -0.01	35.25 3.57 -0.05	34.88 3.51 -0.26	35.45 3.41 -3.39	37.85 3.56 -4.39	45.00 3.75 -9.45	57.04 4.38 -15.80	62.24 4.98 -12.34	68.71 6.45 -0.29	73.92 6.78 -0.01	58.85 5.38 -0.14	45.59 4.40 -0.06	39.55 3.50 -0.01
NYPA__HELLGATE_GT1 24158	41.14 2.62 0.00	38.92 2.68 0.00	36.54 2.48 0.00	35.66 2.18 0.00	37.29 2.34 0.00	42.92 2.73 0.00	55.92 3.61 0.01	54.05 3.54 0.01	44.32 3.09 0.01	36.92 2.83 0.01	36.22 3.02 0.01	35.59 3.15 0.01	34.83 3.16 -0.04	34.62 3.27 -0.25	34.99 2.95 -3.39	37.21 2.93 -4.37	42.32 2.92 -7.59	48.13 3.46 -7.81	61.50 4.27 -12.33	67.64 5.39 -0.27	72.77 5.64 0.01	57.61 4.16 -0.13	44.35 3.17 -0.05	38.57 2.52 0.00

NYPA_____HELLGATE_GT2 24159	41.14	38.92	36.54	35.66	37.29	42.92	55.92	54.05	44.32	36.92	36.22	35.59	34.83	34.62	34.99	37.21	42.32	48.13	61.50	67.64	72.77	57.61	44.35	38.57
	2.62	2.68	2.48	2.18	2.34	2.73	3.61	3.54	3.09	2.83	3.02	3.15	3.16	3.27	2.95	2.93	2.92	3.46	4.27	5.39	5.64	4.16	3.17	2.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	-0.04	-0.25	-3.39	-4.37	-7.59	-7.81	-12.33	-0.27	0.01	-0.13	-0.05	0.00
NYS_BARGE___HYD 23848	35.12	32.74	31.31	31.03	32.14	35.91	44.51	44.80	37.67	31.05	29.88	28.87	28.26	27.46	25.46	26.41	27.98	32.35	35.68	51.76	58.59	46.11	36.66	33.00
	-3.39	-3.48	-2.73	-2.44	-2.80	-4.26	-5.44	-5.71	-3.55	-3.04	-3.32	-3.57	-3.35	-3.64	-3.35	-3.53	-3.88	-4.09	-4.18	-6.75	-6.71	-5.55	-3.87	-3.03
	0.01	0.01	0.01	0.01	0.01	0.01	2.37	0.02	0.01	0.01	0.01	0.01	0.01	0.00	-0.16	-0.03	-0.06	0.41	5.05	3.47	1.84	1.67	0.60	0.02
OAK ORCHARD___HYD 24046	36.74	34.02	32.54	32.27	33.54	37.89	46.57	47.58	39.62	32.69	31.51	30.56	29.88	29.09	26.97	27.98	29.76	34.21	38.65	55.27	62.24	48.69	38.34	34.52
	-1.77	-2.21	-1.50	-1.20	-1.40	-2.29	-3.09	-2.93	-1.61	-1.40	-1.69	-1.88	-1.74	-2.02	-1.86	-2.03	-2.23	-2.51	-2.38	-3.41	-3.15	-3.04	-2.22	-1.51
	0.01	0.01	0.01	0.01	0.01	0.01	2.67	0.01	0.01	0.01	0.01	0.01	0.01	0.00	-0.18	-0.10	-0.18	0.14	3.87	3.30	1.75	1.59	0.57	0.01
OAKDALE___35_KV_LOAD 356122	38.93	36.62	34.41	33.81	35.32	40.65	55.95	50.42	41.07	33.94	32.98	32.16	31.35	30.93	29.42	31.05	33.81	38.98	60.30	64.54	68.63	54.72	41.88	36.50
	0.39	0.36	0.34	0.30	0.35	0.44	0.68	-0.10	-0.16	-0.17	-0.23	-0.29	-0.28	-0.25	-0.23	-0.09	-0.13	-0.07	0.67	0.99	0.94	0.69	0.49	0.43
	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-2.95	0.01	0.00	0.00	0.00	0.00	0.00	-0.08	-1.00	-1.23	-2.14	-2.20	-14.72	-1.57	-0.55	-0.70	-0.26	-0.02
OCC_CHEM___DRP 24175	34.34	32.67	30.60	30.26	31.41	35.15	43.20	43.89	37.01	30.58	29.46	28.44	27.85	27.18	25.06	26.33	28.20	32.84	34.17	50.32	56.95	44.92	35.87	32.03
	-4.16	-3.55	-3.44	-3.21	-3.53	-5.02	-6.80	-6.62	-4.21	-3.51	-3.72	-3.99	-3.76	-3.92	-3.75	-4.01	-4.36	-4.79	-5.21	-8.12	-8.33	-6.72	-4.65	-4.00
	0.02	0.02	0.02	0.02	0.02	0.02	2.32	0.01	0.02	0.02	0.03	0.02	0.02	0.00	-0.16	-0.44	-0.76	-0.78	5.53	3.54	1.87	1.69	0.61	0.02
OH_GEN_PROXY 24063	35.08	32.60	31.14	30.89	32.00	35.87	44.10	44.90	37.67	31.16	30.01	29.03	28.42	27.65	25.63	26.52	28.13	32.11	35.22	51.70	58.42	45.97	36.61	33.00
	-3.43	-3.62	-2.89	-2.58	-2.94	-4.30	-5.91	-5.61	-3.55	-2.93	-3.19	-3.41	-3.19	-3.45	-3.18	-3.41	-3.72	-4.31	-4.53	-6.75	-6.85	-5.65	-3.91	-3.03
	0.02	0.02	0.02	0.02	0.02	0.02	2.31	0.02	0.01	0.01	0.01	0.01	0.01	0.00	-0.16	-0.02	-0.05	0.43	5.15	3.52	1.87	1.70	0.61	0.02
OLIN_CORP_DRP 24177	34.65	33.07	30.97	30.62	31.79	35.35	44.10	44.14	37.18	30.68	29.58	28.54	27.94	27.28	25.14	26.49	28.36	33.22	34.62	50.79	57.42	45.30	36.12	32.21
	-3.85	-3.15	-3.06	-2.85	-3.15	-4.82	-5.91	-6.37	-4.04	-3.41	-3.62	-3.89	-3.67	-3.83	-3.67	-3.86	-4.20	-4.42	-4.72	-7.69	-7.86	-6.35	-4.40	-3.82
	0.02	0.02	0.02	0.02	0.02	0.02	2.31	0.01	0.02	0.02	0.01	0.02	0.02	0.00	-0.16	-0.44	-0.76	-0.79	5.57	3.50	1.86	1.68	0.61	0.02
OLIN_CORP_DSASP 323712	34.34	32.67	30.60	30.26	31.41	35.15	43.20	43.89	37.01	30.58	29.46	28.44	27.85	27.18	25.06	26.33	28.20	32.84	34.17	50.32	56.95	44.92	35.87	32.03
	-4.16	-3.55	-3.44	-3.21	-3.53	-5.02	-6.80	-6.62	-4.21	-3.51	-3.72	-3.99	-3.76	-3.92	-3.75	-4.01	-4.36	-4.79	-5.21	-8.12	-8.33	-6.72	-4.65	-4.00
	0.02	0.02	0.02	0.02	0.02	0.02	2.32	0.01	0.02	0.02	0.03	0.02	0.02	0.00	-0.16	-0.44	-0.76	-0.78	5.53	3.54	1.87	1.69	0.61	0.02
ONEIDA_HERK_LFGE 323681	38.83	36.46	34.15	33.55	35.06	40.35	53.06	50.93	40.99	33.93	32.85	32.03	31.00	30.49	28.11	29.46	31.46	36.72	45.92	63.69	69.31	54.63	41.91	36.62
	0.31	0.22	0.10	0.07	0.11	0.16	0.73	0.40	-0.25	-0.17	-0.36	-0.42	-0.63	-0.62	-0.66	-0.60	-0.61	-0.40	0.54	1.61	1.95	1.28	0.78	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.12	-0.15	-0.26	-0.27	-0.47	-0.11	-0.23	-0.03	0.00	0.00
ONEIDA___115KV_TB4 55905	39.25	36.96	34.66	34.09	35.65	40.99	53.68	51.59	41.73	34.44	33.44	32.58	31.69	31.21	28.88	30.22	32.32	37.59	46.21	63.46	69.24	54.55	42.02	36.84
	0.73	0.72	0.61	0.60	0.70	0.80	1.36	1.06	0.49	0.34	0.23	0.13	0.06	0.09	0.06	0.09	0.13	0.33	0.94	1.86	2.08	1.44	0.99	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.18	-0.23	-0.39	-0.41	-0.36	0.38	-0.02	0.22	0.09	0.00
ONONDAGA_REF_OCCRA 23987	38.44	36.17	33.98	33.42	34.92	40.11	52.83	50.28	41.11	33.97	33.05	32.23	31.41	30.92	28.78	30.06	32.21	37.24	43.40	60.99	67.13	52.56	40.65	35.79
	-0.08	-0.07	-0.07	-0.07	-0.03	-0.08	0.00	-0.25	-0.12	-0.14	-0.17	-0.23	-0.22	-0.22	-0.23	-0.27	-0.32	-0.37	-0.22	-0.19	-0.20	-0.32	-0.29	-0.25
	0.00	0.00	0.00	0.00	0.00	0.00	-0.51	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.35	-0.42	-0.73	-0.75	1.29	0.80	-0.19	0.45	0.19	0.00
ONONDAGA___COGEN 23986	38.40	36.16	33.95	33.42	34.91	40.10	52.80	50.27	41.11	33.97	33.04	32.22	31.44	30.91	28.75	30.02	32.14	37.13	43.24	61.76	67.65	52.88	40.73	35.79
	-0.12	-0.07	-0.10	-0.07	-0.03	-0.08	-0.05	-0.25	-0.12	-0.14	-0.17	-0.23	-0.19	-0.22	-0.20	-0.27	-0.32	-0.41	-0.31	-0.25	-0.27	-0.37	-0.33	-0.25
	0.00	0.00	0.00	0.00	0.00	0.00	-0.53	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.30	-0.38	-0.66	-0.68	1.35	-0.03	-0.78	0.07	0.07	0.00
ONTARIO___LFGE 23819	37.81	35.54	33.43	32.94	34.45	39.53	65.11	49.44	40.43	33.27	32.20	31.27	30.50	29.92	27.73	28.86	30.75	35.37	39.12	58.69	65.19	51.22	39.88	35.34
	-0.69	-0.69	-0.61	-0.54	-0.49	-0.64	-0.68	-1.06	-0.78	-0.82	-1.00	-1.17	-1.11	-1.18	-1.06	-1.14	-1.21	-1.22	-0.67	-0.74	-0.87	-0.86	-0.78	-0.69
	0.01	0.01	0.01	0.01	0.01	0.01	-13.47	0.02	0.02	0.02	0.01	0.02	0.02	0.01	-0.14	-0.09	-0.16	0.27	5.12	2.54	1.07	1.25	0.46	0.01
ORANGEVILLE_WT_PWR 323706	35.96	33.90	31.89	31.39	32.73	37.31	46.18	46.31	38.24	31.42	30.34	29.35	28.63	28.01	25.91	26.93	28.43	32.49	34.51	53.94	60.57	47.93	37.83	33.57
	-2.54	-2.32	-2.14	-2.08	-2.20	-2.85	-3.82	-4.19	-2.97	-2.66	-2.86	-3.08	-2.97	-3.08	-2.86	-2.90	-3.24	-3.54	-3.28	-4.46	-4.70	-3.68	-2.67	-2.45
	0.02	0.02	0.02	0.02	0.02	0.02	2.33	0.03	0.02	0.02	0.02	0.02	0.02	0.01	-0.12	0.08	0.13	0.83	7.12	3.57	1.86	1.72	0.62	0.02
ORANGEVILLE___ESR 323794	35.96	33.90	31.89	31.39	32.73	37.31	46.18	46.31	38.24	31.42	30.34	29.35	28.63	28.01	25.91	26.93	28.43	32.49	34.51	53.94	60.57	47.93	37.83	33.57
	-2.54	-2.32	-2.14	-2.08	-2.20	-2.85	-3.82	-4.19	-2.97	-2.66	-2.86	-3.08	-2.97	-3.08	-2.86	-2.90	-3.24	-3.54	-3.28	-4.46	-4.70	-3.68	-2.67	-2.45
	0.02	0.02	0.02	0.02	0.02	0.02	2.33	0.03	0.02	0.02	0.02	0.02	0.02	0.01	-0.12	0.08	0.13	0.83	7.12	3.57	1.86	1.72	0.62	0.02

OSWEGATCHIE___HYD 24044	37.17 -1.35 0.00	34.94 -1.30 0.00	32.69 -1.36 0.00	32.15 -1.34 0.00	33.55 -1.40 0.00	38.70 -1.49 0.00	50.81 -1.52 0.00	48.71 -1.82 0.00	39.13 -2.10 0.00	32.40 -1.70 0.00	31.35 -1.86 0.00	30.63 -1.82 0.00	29.67 -1.96 0.00	29.15 -1.96 -0.01	26.88 -1.86 -0.09	28.20 -1.83 -0.12	30.09 -1.91 -0.20	35.03 -2.03 -0.21	43.73 -1.53 -0.35	60.80 -1.30 -0.12	66.19 -1.21 -0.26	52.29 -1.07 -0.03	40.10 -1.03 0.00	35.07 -0.97 0.00
OSWEGO___5 23606	37.75 -0.77 0.00	35.44 -0.80 0.00	33.37 -0.68 0.00	32.85 -0.64 0.00	34.29 -0.67 0.00	39.34 -0.85 0.00	51.28 -1.05 0.00	49.31 -1.21 0.00	40.33 -0.91 0.00	33.39 -0.72 0.00	32.48 -0.73 0.00	31.71 -0.75 0.00	30.90 -0.73 0.00	30.35 -0.78 -0.02	28.18 -0.69 -0.22	29.44 -0.75 -0.29	31.44 -0.86 -0.50	36.26 -1.10 -0.51	45.16 -1.17 -1.42	68.73 -1.55 -8.30	72.62 -1.61 -7.10	55.60 -1.44 -3.71	41.19 -1.11 -1.17	35.18 -0.87 0.00
OSWEGO___6 23613	37.75 -0.77 0.00	35.44 -0.80 0.00	33.37 -0.68 0.00	32.85 -0.64 0.00	34.29 -0.67 0.00	39.34 -0.85 0.00	51.28 -1.05 0.00	49.31 -1.21 0.00	40.33 -0.91 0.00	33.39 -0.72 0.00	32.48 -0.73 0.00	31.71 -0.75 0.00	30.90 -0.73 0.00	30.35 -0.78 -0.02	28.18 -0.69 -0.22	29.44 -0.75 -0.29	31.44 -0.86 -0.50	36.26 -1.10 -0.51	45.16 -1.17 -1.42	68.73 -1.55 -8.30	72.62 -1.61 -7.10	55.60 -1.44 -3.71	41.19 -1.11 -1.17	35.18 -0.87 0.00
OUTOKUMPU-AB___DRP 24206	35.11 -3.39 0.02	33.40 -2.83 0.02	31.28 -2.76 0.02	30.86 -2.61 0.02	32.07 -2.87 0.02	36.15 -4.02 0.02	44.65 -5.39 2.29	45.05 -5.46 0.01	37.84 -3.38 0.02	31.19 -2.90 0.02	30.07 -3.12 0.02	29.03 -3.41 0.02	28.42 -3.19 0.02	27.74 -3.36 0.00	25.60 -3.21 -0.16	26.97 -3.38 -0.44	28.88 -3.69 -0.77	33.67 -3.98 -0.79	35.16 -4.09 5.66	52.20 -6.32 3.46	58.70 -6.58 1.86	46.41 -5.23 1.69	36.94 -3.58 0.61	32.89 -3.14 0.02
OXBOW___BTM 323836	34.81 -3.70 0.02	32.42 -3.80 0.02	30.97 -3.06 0.02	30.66 -2.81 0.02	31.75 -3.18 0.02	35.67 -4.50 0.02	43.91 -6.12 2.29	44.55 -5.96 0.02	37.47 -3.75 0.02	30.92 -3.17 0.02	29.76 -3.42 0.03	28.74 -3.70 0.02	28.17 -3.45 0.02	27.34 -3.76 0.00	25.34 -3.47 -0.16	26.24 -3.68 -0.02	27.79 -4.04 -0.03	32.04 -4.35 0.47	35.05 -4.58 5.28	51.38 -7.13 3.47	58.10 -7.18 1.86	45.71 -5.92 1.69	36.45 -4.07 0.61	32.85 -3.17 0.02
OXBOW___ 24026	34.77 -3.74 0.02	33.03 -3.19 0.02	30.97 -3.06 0.02	30.59 -2.88 0.02	31.75 -3.18 0.02	35.67 -4.50 0.02	44.02 -6.02 2.28	44.50 -6.01 0.01	37.47 -3.75 0.02	30.92 -3.17 0.02	29.80 -3.39 0.03	28.77 -3.67 0.02	28.17 -3.45 0.02	27.49 -3.61 0.00	25.35 -3.47 -0.16	26.70 -3.65 -0.44	28.56 -4.01 -0.76	33.29 -4.35 -0.79	34.73 -4.58 5.60	51.38 -7.13 3.46	57.96 -7.32 1.86	45.72 -5.92 1.69	36.45 -4.07 0.61	32.49 -3.53 0.02
OXY_CHEM_DSASP 323612	34.34 -4.16 0.02	32.67 -3.55 0.02	30.60 -3.44 0.02	30.26 -3.21 0.02	31.41 -3.53 0.02	35.15 -5.02 0.02	43.20 -6.80 2.32	43.89 -6.62 0.01	37.01 -4.21 0.02	30.58 -3.51 0.02	29.46 -3.72 0.03	28.44 -3.99 0.02	27.85 -3.76 0.02	27.18 -3.92 0.00	25.06 -3.75 -0.16	26.33 -4.01 -0.44	28.20 -4.36 -0.76	32.84 -4.79 -0.78	34.17 -5.21 5.53	50.32 -8.12 3.54	56.95 -8.33 1.87	44.92 -6.72 1.69	35.87 -4.65 0.61	32.03 -4.00 0.02
OZONE_PARK_ESR 323760	41.56 3.04 0.00	38.96 2.72 0.00	36.71 2.66 0.00	36.00 2.51 0.00	37.57 2.62 0.00	43.48 3.30 0.00	56.67 4.34 0.00	54.82 4.29 0.00	44.91 3.67 0.00	37.34 3.24 0.00	36.60 3.39 0.00	35.92 3.47 0.00	35.12 3.45 -0.05	34.89 3.51 -0.27	35.26 3.21 -3.40	37.58 3.29 -4.38	42.78 3.37 -7.61	48.62 3.94 -7.83	59.63 4.98 -9.74	68.42 6.45 0.00	73.92 6.78 0.00	58.34 5.01 0.00	44.91 3.78 0.00	39.25 3.21 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.34 -4.16 0.02	32.67 -3.55 0.02	30.60 -3.44 0.02	30.26 -3.21 0.02	31.41 -3.53 0.02	35.15 -5.02 0.02	43.20 -6.80 2.32	43.89 -6.62 0.01	37.01 -4.21 0.02	30.58 -3.51 0.02	29.46 -3.72 0.03	28.44 -3.99 0.02	27.85 -3.76 0.02	27.18 -3.92 0.00	25.06 -3.75 -0.16	26.33 -4.01 -0.44	28.20 -4.36 -0.76	32.84 -4.79 -0.78	34.17 -5.21 5.53	50.32 -8.12 3.54	56.95 -8.33 1.87	44.92 -6.72 1.69	35.87 -4.65 0.61	32.03 -4.00 0.02
PACKARD___115KV_DUPONT_184 80571	34.42 -4.08 0.02	31.91 -4.31 0.02	30.60 -3.44 0.02	30.36 -3.11 0.02	31.41 -3.53 0.02	35.15 -5.02 0.02	43.09 -6.91 2.33	43.89 -6.62 0.02	37.01 -4.21 0.02	30.58 -3.51 0.02	29.43 -3.75 0.03	28.41 -4.03 0.02	27.85 -3.76 0.02	27.03 -4.07 0.00	25.06 -3.75 -0.16	25.92 -4.01 -0.02	27.45 -4.39 -0.04	31.61 -4.79 0.45	34.48 -5.21 5.22	50.38 -8.06 3.54	57.15 -8.13 1.86	44.91 -6.72 1.69	35.87 -4.65 0.61	32.46 -3.57 0.02
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	41.26 2.73 0.00	38.70 2.46 0.00	36.57 2.52 0.00	35.80 2.31 0.00	37.33 2.38 0.00	43.00 2.81 0.00	55.83 3.51 0.00	54.06 3.54 0.00	44.25 3.01 0.00	36.87 2.76 0.00	36.13 2.92 0.00	35.50 3.05 0.00	34.70 3.04 -0.04	34.47 3.11 -0.25	34.87 2.84 -3.39	37.16 2.87 -4.38	42.30 2.89 -7.61	48.07 3.39 -7.83	58.87 4.22 -9.74	67.37 5.39 0.00	72.78 5.64 0.00	57.49 4.16 0.00	44.34 3.21 0.00	38.82 2.78 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.87 3.35 0.00	39.32 3.08 0.00	37.15 3.10 0.00	36.37 2.88 0.00	37.92 2.97 0.00	43.68 3.50 0.00	56.72 4.40 0.00	54.87 4.35 0.00	44.86 3.63 0.00	37.34 3.24 0.00	36.63 3.42 0.00	35.96 3.50 0.00	35.14 3.48 -0.04	34.90 3.55 -0.25	35.25 3.21 -3.39	37.55 3.26 -4.38	42.74 3.34 -7.61	48.55 3.87 -7.83	59.59 4.94 -9.74	68.36 6.38 0.00	73.78 6.65 0.00	58.29 4.96 0.00	44.91 3.78 0.00	39.36 3.32 0.00
PATROON___115KV_TB1 80586	40.10 1.58 0.00	37.72 1.49 0.00	35.48 1.43 0.00	34.89 1.41 0.00	36.38 1.43 0.00	41.71 1.53 0.00	54.16 1.83 0.00	52.09 1.57 0.00	42.47 1.24 0.00	35.02 0.92 0.00	34.14 0.93 0.00	33.36 0.91 0.00	32.50 0.85 -0.02	32.24 0.84 -0.29	33.43 0.74 -4.03	35.95 0.84 -5.21	41.83 0.99 -9.05	47.41 1.25 -9.31	58.06 1.57 -11.58	64.15 2.17 0.00	69.42 2.28 0.00	55.30 1.97 0.00	42.81 1.69 0.00	37.63 1.59 0.00
PATTRSNVILLE___SOLAR 323815	40.06 1.54 0.00	37.76 1.52 0.00	35.42 1.36 0.00	34.79 1.30 0.00	36.38 1.43 0.00	41.91 1.73 0.00	54.62 2.30 0.00	52.09 1.57 0.00	42.10 0.87 0.00	34.55 0.44 0.00	33.58 0.37 0.00	32.74 0.29 0.00	31.89 0.25 -0.01	31.69 0.28 -0.31	33.13 0.29 -4.20	35.72 0.39 -5.42	41.79 0.57 -9.41	47.50 0.96 -9.69	60.61 1.71 -13.99	64.91 2.72 -0.21	70.09 2.95 0.00	55.83 2.40 -0.10	43.02 1.85 -0.04	37.52 1.48 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.84 -2.66 0.02	33.94 -2.28 0.02	31.58 -2.45 0.02	30.99 -2.48 0.02	32.28 -2.66 0.02	37.51 -2.65 0.02	46.75 -3.61 1.96	47.73 -2.78 0.02	38.12 -3.09 0.02	31.66 -2.42 0.02	31.10 -2.09 0.02	30.48 -1.95 0.02	29.58 -2.02 0.02	29.67 -1.43 0.01	27.63 -1.17 -0.16	28.46 -1.94 -0.50	30.50 -2.16 -0.86	35.27 -2.47 -0.89	36.59 -2.07 6.25	55.27 -3.22 3.49	60.97 -4.30 1.87	49.02 -2.61 1.70	38.54 -1.97 0.61	34.19 -1.84 0.02

PAWLING_115_KV_BK3_REV_LBMP_H 345028	41.18 2.66 0.00	38.70 2.46 0.00	36.40 2.35 0.00	35.76 2.28 0.00	37.29 2.34 0.00	43.20 3.01 0.00	56.25 3.92 0.00	54.67 4.14 0.00	44.53 3.30 0.00	36.80 2.69 0.00	36.17 2.96 0.00	35.57 3.12 0.00	34.52 2.85 -0.04	34.31 2.96 -0.25	34.92 2.84 -3.43	36.97 2.63 -4.44	42.30 2.80 -7.70	48.13 3.35 -7.93	58.96 4.18 -9.87	67.43 5.45 0.00	73.18 6.04 0.00	57.75 4.43 0.00	44.50 3.37 0.00	38.82 2.78 0.00
PEEKSKILL____ 23653	40.99 2.47 0.00	38.70 2.47 0.00	36.26 2.21 0.00	35.50 2.01 0.00	37.12 2.17 0.00	42.96 2.77 0.00	55.99 3.66 0.00	54.06 3.54 0.00	44.24 3.01 0.00	36.69 2.59 0.00	35.93 2.72 0.00	35.24 2.79 0.00	34.42 2.75 -0.04	34.18 2.83 -0.24	34.62 2.61 -3.36	36.92 2.66 -4.35	42.15 2.80 -7.55	47.90 3.28 -7.77	61.25 4.04 -12.30	67.47 5.21 -0.28	72.64 5.51 0.00	57.62 4.16 -0.13	44.35 3.17 -0.05	38.53 2.49 0.00
PGE MADISON__WINDPWR 24146	40.61 2.08 0.00	38.27 2.03 0.00	35.83 1.77 0.00	35.20 1.71 0.00	36.88 1.92 0.00	42.56 2.37 0.00	57.80 4.19 -1.29	53.83 3.28 -0.02	42.78 1.53 -0.02	35.08 0.95 -0.02	33.66 0.43 -0.01	32.73 0.26 -0.02	31.71 0.06 -0.02	31.48 0.28 -0.10	30.04 0.26 -1.13	31.60 0.51 -1.19	34.43 0.57 -2.06	40.27 1.29 -2.12	52.54 2.56 -5.07	66.92 4.90 -0.05	72.72 5.44 -0.15	57.10 3.79 0.02	43.66 2.55 0.01	38.14 2.09 0.00
PIERCEFIELD__HYD 23852	36.79 -1.73 0.00	34.61 -1.63 0.00	32.42 -1.63 0.00	31.88 -1.61 0.00	33.27 -1.68 0.00	38.46 -1.73 0.00	50.44 -1.88 0.00	48.25 -2.27 0.00	38.84 -2.39 0.00	32.12 -1.98 0.00	31.12 -2.09 0.00	30.50 -1.95 0.00	29.64 -1.99 0.00	29.11 -1.99 0.00	26.85 -1.81 0.00	28.14 -1.76 0.00	29.96 -1.84 0.00	34.72 -2.14 0.00	42.84 -2.07 0.00	59.70 -2.36 -0.08	64.83 -2.48 -0.17	51.54 -1.81 -0.02	39.52 -1.60 0.00	34.57 -1.48 0.00
PINELAWN_CC_I 323563	42.07 3.54 -0.01	39.68 3.44 0.00	37.19 3.13 -0.01	36.37 2.88 0.00	38.14 3.18 -0.01	44.09 3.90 -0.01	57.35 5.02 0.00	55.43 4.90 0.00	45.41 4.16 -0.01	37.66 3.55 -0.01	36.84 3.62 -0.01	36.09 3.63 -0.01	35.12 3.45 -0.05	34.79 3.42 -0.26	35.34 3.29 -3.39	37.73 3.44 -4.39	45.04 3.62 -9.62	57.61 4.24 -16.52	62.24 4.98 -12.34	68.65 6.39 -0.29	73.93 6.78 -0.01	58.80 5.33 -0.14	45.46 4.28 -0.06	39.48 3.43 -0.01
PJM_GEN_HTP_PROXY 323702	41.30 2.78 0.00	38.96 2.72 0.00	36.51 2.45 0.00	35.73 2.24 0.00	37.36 2.41 0.00	43.24 3.05 0.00	56.41 4.08 0.00	54.52 3.99 0.00	44.66 3.42 0.00	37.10 3.00 0.00	36.37 3.16 0.00	35.70 3.24 0.00	34.90 3.23 -0.05	34.67 3.30 -0.27	35.06 3.01 -3.40	37.37 3.08 -4.38	42.55 3.15 -7.60	48.40 3.72 -7.82	61.80 4.58 -12.31	68.15 5.89 -0.28	73.31 6.17 0.00	58.10 4.64 -0.13	44.67 3.49 -0.05	38.82 2.78 0.00
PJM_GEN_KEystone 24065	36.58 -1.92 0.02	34.66 -1.56 0.02	32.36 -1.67 0.02	31.76 -1.71 0.02	33.18 -1.75 0.02	38.07 -2.09 0.02	47.41 -2.77 2.14	47.83 -2.68 0.02	39.20 -2.02 0.02	32.41 -1.67 0.02	31.53 -1.66 0.02	30.71 -1.72 0.02	29.94 -1.68 0.01	29.59 -1.55 -0.03	27.90 -1.46 -0.70	28.94 -1.62 -0.64	31.15 -1.78 -1.13	35.42 -1.95 -0.52	39.21 -1.66 4.04	56.55 -2.48 2.95	62.53 -3.02 1.59	49.62 -2.29 1.42	38.89 -1.73 0.51	34.26 -1.77 0.02
PJM_GEN_NEPTUNE_PROXY 323594	41.61 3.08 -0.01	39.21 2.97 0.00	36.75 2.69 -0.01	36.00 2.51 0.00	37.76 2.80 -0.01	43.61 3.41 -0.01	56.77 4.45 0.00	54.92 4.39 0.00	44.96 3.71 -0.01	37.32 3.20 -0.01	36.44 3.22 -0.01	35.74 3.28 -0.01	34.81 3.13 -0.05	34.47 3.11 -0.26	35.03 2.98 -3.39	37.37 3.08 -4.39	43.69 3.25 -8.65	52.93 3.76 -12.32	61.74 4.49 -12.34	67.91 5.64 -0.29	73.19 6.04 -0.01	58.16 4.69 -0.14	44.93 3.74 -0.06	39.04 2.99 -0.01
PJM_GEN_VFT_PROXY 323633	41.14 2.62 0.00	38.81 2.57 0.00	36.37 2.32 0.00	35.60 2.11 0.00	37.22 2.27 0.00	43.12 2.93 0.00	56.25 3.93 0.00	54.36 3.84 0.00	44.57 3.34 0.00	37.07 2.97 0.00	36.33 3.12 0.00	35.66 3.21 0.00	34.87 3.19 -0.05	34.64 3.27 -0.27	35.03 2.98 -3.40	37.34 3.05 -4.38	42.52 3.12 -7.60	48.32 3.65 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.94 4.48 -0.13	44.55 3.37 -0.05	38.71 2.67 0.00
PLATSBURG_115KV_PMLD1 355749	38.33 -0.19 0.00	35.99 -0.25 0.00	33.71 -0.34 0.00	33.19 -0.30 0.00	34.60 -0.35 0.00	39.94 -0.24 0.00	52.17 -0.16 0.00	49.97 -0.56 0.00	40.53 -0.70 0.00	33.49 -0.61 0.00	32.51 -0.70 0.00	31.87 -0.58 0.00	31.03 -0.60 0.00	30.48 -0.62 0.00	28.14 -0.52 0.00	29.43 -0.48 0.00	31.32 -0.48 0.00	36.27 -0.59 0.00	44.50 -0.40 0.00	61.73 -0.25 0.00	66.87 -0.27 0.00	53.27 -0.05 0.00	40.88 -0.25 0.00	35.83 -0.22 0.00
PLEASANTVLY__LBMP 24000	40.72 2.20 0.00	38.27 2.03 0.00	36.03 1.98 0.00	35.36 1.88 0.00	36.87 1.92 0.00	42.64 2.45 0.00	55.46 3.14 0.00	53.61 3.08 0.00	43.83 2.60 0.00	36.35 2.25 0.00	35.57 2.36 0.00	34.85 2.40 0.00	34.04 2.37 -0.04	33.79 2.43 -0.26	34.40 2.23 -3.52	36.73 2.27 -4.55	42.11 2.42 -7.89	47.81 2.84 -8.12	58.56 3.55 -10.10	66.56 4.59 0.00	71.97 4.83 0.00	56.95 3.63 0.00	43.97 2.84 0.00	38.39 2.34 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	41.14 2.62 0.00	38.63 2.39 0.00	36.37 2.32 0.00	35.66 2.18 0.00	37.22 2.27 0.00	43.08 2.89 0.00	56.09 3.77 0.00	54.21 3.69 0.00	44.37 3.13 0.00	36.87 2.76 0.00	36.10 2.89 0.00	35.44 2.99 0.00	34.61 2.94 -0.04	34.38 3.02 -0.26	34.81 2.75 -3.41	37.14 2.84 -4.40	42.39 2.96 -7.63	48.17 3.46 -7.85	58.95 4.27 -9.77	67.49 5.52 0.00	72.98 5.84 0.00	57.65 4.32 0.00	44.46 3.33 0.00	38.82 2.78 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	41.14 2.62 0.00	38.63 2.39 0.00	36.37 2.32 0.00	35.66 2.18 0.00	37.22 2.27 0.00	43.08 2.89 0.00	56.09 3.77 0.00	54.21 3.69 0.00	44.37 3.13 0.00	36.87 2.76 0.00	36.10 2.89 0.00	35.44 2.99 0.00	34.61 2.94 -0.04	34.38 3.02 -0.26	34.81 2.75 -3.41	37.14 2.84 -4.40	42.39 2.96 -7.63	48.17 3.46 -7.85	58.95 4.27 -9.77	67.49 5.52 0.00	72.98 5.84 0.00	57.65 4.32 0.00	44.46 3.33 0.00	38.82 2.78 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.91 2.39 0.00	38.45 2.21 0.00	36.20 2.15 0.00	35.53 2.04 0.00	37.08 2.13 0.00	42.88 2.69 0.00	55.83 3.51 0.00	53.91 3.39 0.00	44.00 2.76 0.00	36.39 2.28 0.00	35.60 2.39 0.00	34.82 2.37 0.00	34.01 2.34 -0.04	33.75 2.40 -0.25	34.35 2.21 -3.49	36.72 2.30 -4.51	42.08 2.45 -7.83	47.86 2.95 -8.06	58.71 3.77 -10.03	66.94 4.96 0.00	72.51 5.37 0.00	57.33 4.00 0.00	44.21 3.08 0.00	38.60 2.56 0.00
POLETTI____ 23519	41.26 2.73 0.00	38.67 2.43 0.00	36.47 2.42 0.00	35.73 2.24 0.00	37.29 2.34 0.00	43.16 2.97 0.00	56.20 3.87 0.00	54.37 3.84 0.00	44.53 3.30 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.61 3.23 -0.27	35.00 2.95 -3.40	37.31 3.02 -4.38	42.49 3.08 -7.61	48.29 3.61 -7.83	59.14 4.49 -9.74	67.74 5.76 0.00	73.18 6.04 0.00	57.86 4.53 0.00	44.54 3.41 0.00	38.93 2.88 0.00

POMONA___ESR 323819	41.02 2.50 0.00	38.74 2.50 0.00	36.30 2.25 0.00	35.53 2.04 0.00	37.15 2.20 0.00	43.00 2.81 0.00	56.04 3.72 0.00	54.11 3.59 0.00	44.29 3.05 0.00	36.73 2.63 0.00	35.96 2.75 0.00	35.24 2.79 0.00	34.42 2.75 -0.04	34.17 2.83 -0.24	34.54 2.58 -0.31	36.84 2.66 -0.28	42.03 2.80 -0.74	47.78 3.28 -0.64	61.22 4.09 -0.22	67.53 5.27 -0.29	72.71 5.57 0.00	57.68 4.21 -0.14	44.39 3.21 -0.05	38.57 2.52 0.00
PORT_JEFF_3 23555	42.11 3.58 -0.01	39.79 3.55 0.00	37.30 3.24 -0.01	36.40 2.91 0.00	38.21 3.25 -0.01	44.25 4.06 -0.01	57.51 5.18 0.00	55.63 5.10 0.00	45.61 4.37 -0.01	37.83 3.72 -0.01	37.00 3.78 -0.01	36.29 3.83 -0.01	35.31 3.64 -0.05	34.94 3.58 -0.26	35.51 3.47 -0.39	37.91 3.62 -0.49	45.10 3.85 -0.94	57.16 4.49 -0.15	62.37 5.12 -0.23	68.90 6.63 -0.29	74.13 6.98 -0.01	59.01 5.55 -0.14	45.67 4.48 -0.06	39.66 3.60 -0.01
PORT_JEFF_4 23616	42.11 3.58 -0.01	39.79 3.55 0.00	37.30 3.24 -0.01	36.40 2.91 0.00	38.21 3.25 -0.01	44.25 4.06 -0.01	57.51 5.18 0.00	55.63 5.10 0.00	45.61 4.37 -0.01	37.83 3.72 -0.01	37.00 3.78 -0.01	36.29 3.83 -0.01	35.31 3.64 -0.05	34.94 3.58 -0.26	35.51 3.47 -0.39	37.91 3.62 -0.49	45.10 3.85 -0.94	57.16 4.49 -0.15	62.37 5.12 -0.23	68.90 6.63 -0.29	74.13 6.98 -0.01	59.01 5.55 -0.14	45.67 4.48 -0.06	39.66 3.60 -0.01
PORT_JEFF_IC 23713	42.19 3.66 -0.01	39.57 3.33 0.00	37.36 3.30 -0.01	36.60 3.11 0.00	38.25 3.29 -0.01	44.29 4.10 -0.01	57.50 5.18 0.00	55.68 5.15 0.00	45.62 4.37 -0.01	37.86 3.75 -0.01	37.04 3.82 -0.01	36.32 3.86 -0.01	35.34 3.67 -0.05	34.97 3.61 -0.26	35.57 3.52 -0.39	37.97 3.68 -0.49	45.14 3.88 -0.94	57.26 4.57 -0.15	59.86 5.21 -0.97	68.74 6.76 -0.01	74.26 7.12 -0.01	58.99 5.65 -0.01	45.70 4.57 -0.01	39.87 3.82 -0.01
PPL PILGRIM_ST_GT1 24216	42.23 3.70 -0.01	39.86 3.62 0.00	37.36 3.30 -0.01	36.50 3.02 0.00	38.28 3.32 -0.01	44.30 4.10 -0.01	57.66 5.34 0.00	55.73 5.21 0.00	45.66 4.41 -0.01	37.86 3.75 -0.01	37.04 3.82 -0.01	36.32 3.86 -0.01	35.34 3.67 -0.05	34.97 3.61 -0.26	35.54 3.49 -0.39	37.94 3.65 -0.49	45.12 3.85 -0.94	57.31 4.53 -0.15	62.28 5.03 -0.23	68.71 6.45 -0.29	73.92 6.78 -0.01	58.96 5.49 -0.14	45.75 4.56 -0.06	39.69 3.64 -0.01
PPL PILGRIM_ST_GT2 24217	42.23 3.70 -0.01	39.86 3.62 0.00	37.36 3.30 -0.01	36.50 3.02 0.00	38.28 3.32 -0.01	44.30 4.10 -0.01	57.66 5.34 0.00	55.73 5.21 0.00	45.66 4.41 -0.01	37.86 3.75 -0.01	37.04 3.82 -0.01	36.32 3.86 -0.01	35.34 3.67 -0.05	34.97 3.61 -0.26	35.54 3.49 -0.39	37.94 3.65 -0.49	45.12 3.85 -0.94	57.31 4.53 -0.15	62.28 5.03 -0.23	68.71 6.45 -0.29	73.92 6.78 -0.01	58.96 5.49 -0.14	45.75 4.56 -0.06	39.69 3.64 -0.01
PPL_SHRM_GT3 24213	42.15 3.62 -0.01	39.86 3.62 0.00	37.40 3.34 -0.01	36.43 2.95 0.00	38.28 3.32 -0.01	44.33 4.14 -0.01	57.66 5.34 0.00	55.78 5.25 0.00	45.74 4.50 -0.01	37.90 3.79 -0.01	37.14 3.92 -0.01	36.38 3.92 -0.01	35.40 3.73 -0.05	35.04 3.67 -0.26	35.63 3.58 -0.39	38.03 3.74 -0.49	45.20 3.94 -0.94	57.28 4.61 -0.15	62.55 5.30 -0.23	69.15 6.88 -0.29	74.40 7.25 -0.01	59.18 5.71 -0.14	45.79 4.61 -0.06	39.73 3.68 -0.01
PPL_SHRM_GT4 24214	42.15 3.62 -0.01	39.86 3.62 0.00	37.40 3.34 -0.01	36.43 2.95 0.00	38.28 3.32 -0.01	44.33 4.14 -0.01	57.66 5.34 0.00	55.78 5.25 0.00	45.74 4.50 -0.01	37.90 3.79 -0.01	37.14 3.92 -0.01	36.38 3.92 -0.01	35.40 3.73 -0.05	35.04 3.67 -0.26	35.63 3.58 -0.39	38.03 3.74 -0.49	45.20 3.94 -0.94	57.28 4.61 -0.15	62.55 5.30 -0.23	69.15 6.88 -0.29	74.40 7.25 -0.01	59.18 5.71 -0.14	45.79 4.61 -0.06	39.73 3.68 -0.01
PROJECT___ORANGE 1 24174	38.29 -0.23 0.00	36.06 -0.18 0.00	33.85 -0.20 0.00	33.29 -0.20 0.00	34.81 -0.14 0.00	39.94 -0.24 0.00	52.47 -0.21 -0.36	50.07 -0.45 0.00	40.99 -0.25 0.00	33.90 -0.20 0.00	32.98 -0.23 0.00	32.16 -0.29 0.00	31.37 -0.25 0.00	30.85 -0.28 -0.02	28.66 -0.26 -0.27	29.92 -0.33 -0.35	31.99 -0.41 -0.60	36.99 -0.48 -0.62	43.16 -0.49 1.26	60.36 -0.56 1.06	66.52 -0.60 0.01	52.12 -0.64 0.57	40.36 -0.53 0.23	35.61 -0.43 0.00
PROJECT___ORANGE 2 24166	38.29 -0.23 0.00	36.06 -0.18 0.00	33.85 -0.20 0.00	33.29 -0.20 0.00	34.81 -0.14 0.00	39.94 -0.24 0.00	52.47 -0.21 -0.36	50.07 -0.45 0.00	40.99 -0.25 0.00	33.90 -0.20 0.00	32.98 -0.23 0.00	32.16 -0.29 0.00	31.37 -0.25 0.00	30.85 -0.28 -0.02	28.66 -0.26 -0.27	29.92 -0.33 -0.35	31.99 -0.41 -0.60	36.99 -0.48 -0.62	43.16 -0.49 1.26	60.36 -0.56 1.06	66.52 -0.60 0.01	52.12 -0.64 0.57	40.36 -0.53 0.23	35.61 -0.43 0.00
PUCKETT___SOLAR 323809	39.38 0.85 -0.02	37.09 0.83 -0.02	34.78 0.72 -0.02	34.14 0.63 -0.02	35.73 0.77 -0.02	41.16 0.96 -0.02	56.44 1.78 -2.33	51.44 0.91 0.00	41.57 0.33 -0.01	34.21 0.10 -0.01	33.15 -0.07 0.00	32.30 -0.16 -0.01	31.45 -0.19 -0.01	31.10 -0.09 -0.08	29.63 -0.09 -1.06	31.69 0.06 -1.72	34.88 0.10 -2.98	40.81 0.37 -3.59	59.02 1.21 -0.29	65.17 2.04 -1.15	69.70 2.15 -0.41	55.33 1.49 -0.51	42.38 1.07 -0.19	36.89 0.83 -0.02
PYRITES___HYD 24023	37.56 -0.96 0.00	35.37 -0.87 0.00	33.10 -0.95 0.00	32.58 -0.90 0.00	34.01 -0.94 0.00	39.34 -0.84 0.00	51.64 -0.68 0.00	49.31 -1.21 0.00	39.50 -1.73 0.00	32.60 -1.50 0.00	31.55 -1.66 0.00	30.93 -1.53 0.00	30.05 -1.58 0.00	29.55 -1.56 0.00	27.28 -1.38 0.00	28.59 -1.32 0.00	30.46 -1.34 0.00	35.38 -1.47 0.00	43.74 -1.17 0.00	61.12 -0.93 -0.08	66.36 -0.94 -0.16	52.76 -0.59 -0.02	40.39 -0.74 0.00	35.32 -0.72 0.00
QUAKERRD_115KV_BK1 80622	36.12 -2.39 0.01	34.09 -2.14 0.01	32.07 -1.98 0.01	31.67 -1.81 0.01	33.02 -1.92 0.01	37.40 -2.77 0.01	45.07 -3.72 3.54	46.98 -3.54 0.01	39.00 -2.23 0.01	32.18 -1.91 0.01	31.08 -2.13 0.01	30.17 -2.27 0.01	29.50 -2.12 0.01	28.87 -2.24 -0.01	26.66 -2.18 -0.18	27.92 -2.36 -0.37	29.90 -2.54 -0.65	34.61 -2.91 -0.66	38.03 -3.01 3.87	54.50 -4.28 3.20	61.22 -4.23 1.69	48.05 -3.73 1.54	37.82 -2.76 0.55	33.62 -2.41 0.01
QUENSBRY_115KV_TB8 356137	41.26 2.73 0.00	38.85 2.61 0.00	36.50 2.45 0.00	35.90 2.41 0.00	37.50 2.55 0.00	43.24 3.05 0.00	56.35 4.03 0.00	53.86 3.33 0.00	43.55 2.31 0.00	35.64 1.53 0.00	34.60 1.39 0.00	33.68 1.23 0.00	32.78 1.14 -0.01	32.52 1.12 -0.30	33.79 1.03 -0.41	36.30 1.08 -0.53	42.56 1.53 -0.92	48.45 2.10 -0.95	59.49 2.78 -11.80	66.32 4.34 0.00	71.77 4.63 0.00	57.43 4.11 0.00	44.17 3.04 0.00	38.57 2.52 0.00
RAMAPO___LBMP 323565	40.95 2.43 0.00	38.41 2.17 0.00	36.20 2.15 0.00	35.50 2.01 0.00	37.05 2.10 0.00	42.88 2.69 0.00	55.78 3.45 0.00	53.91 3.39 0.00	44.12 2.89 0.00	36.63 2.52 0.00	35.83 2.62 0.00	35.14 2.69 0.00	34.32 2.66 -0.04	34.08 2.74 -0.24	34.44 2.49 -0.32	36.74 2.57 -0.42	41.89 2.70 -0.73	47.63 3.17 -0.60	58.28 3.91 -0.94	67.06 5.08 0.00	72.51 5.37 0.00	57.33 4.00 0.00	44.21 3.08 0.00	38.60 2.56 0.00



RANKINE____ 23646	35.61 -2.89 0.02	33.79 -2.43 0.02	31.62 -2.42 0.02	31.13 -2.34 0.02	32.38 -2.55 0.02	36.91 -3.26 0.02	45.62 -4.45 2.25	46.01 -4.50 0.02	38.25 -2.97 0.02	31.56 -2.52 0.02	30.54 -2.66 0.02	29.55 -2.89 0.02	28.86 -2.75 0.02	28.33 -2.77 0.00	26.17 -2.64 -0.16	27.65 -2.72 -0.46	29.58 -3.02 -0.80	34.29 -3.39 -0.83	35.52 -3.28 6.11	53.64 -4.83 3.50	59.96 -5.30 1.87	47.63 -4.00 1.69	37.72 -2.80 0.61	33.57 -2.45 0.02
RAVENSWOOD_GT2_1 24244	41.26 2.73 0.00	38.70 2.46 0.00	36.47 2.42 0.00	35.76 2.28 0.00	37.33 2.38 0.00	43.20 3.01 0.00	56.20 3.87 0.00	54.42 3.89 0.00	44.53 3.30 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.61 3.23 -0.27	35.00 2.95 -3.40	37.31 3.02 -4.38	42.49 3.08 -7.61	48.29 3.61 -7.83	59.14 4.49 -9.74	67.74 5.76 0.00	73.25 6.11 0.00	57.86 4.53 0.00	44.58 3.45 0.00	38.96 2.92 0.00
RAVENSWOOD_GT2_2 24245	41.26 2.73 0.00	38.70 2.46 0.00	36.47 2.42 0.00	35.76 2.28 0.00	37.33 2.38 0.00	43.20 3.01 0.00	56.20 3.87 0.00	54.42 3.89 0.00	44.53 3.30 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.61 3.23 -0.27	35.00 2.95 -3.40	37.31 3.02 -4.38	42.49 3.08 -7.61	48.29 3.61 -7.83	59.14 4.49 -9.74	67.74 5.76 0.00	73.25 6.11 0.00	57.86 4.53 0.00	44.58 3.45 0.00	38.96 2.92 0.00
RAVENSWOOD_GT2_3 24246	41.26 2.73 0.00	38.70 2.46 0.00	36.50 2.45 0.00	35.76 2.28 0.00	37.33 2.38 0.00	43.20 3.01 0.00	56.25 3.92 0.00	54.42 3.89 0.00	44.53 3.30 0.00	37.07 2.97 0.00	36.33 3.12 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.64 3.27 -0.27	35.03 2.98 -3.40	37.31 3.02 -4.38	42.52 3.12 -7.61	48.33 3.65 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.25 6.11 0.00	57.86 4.53 0.00	44.58 3.45 0.00	38.96 2.92 0.00
RAVENSWOOD_GT2_4 24247	41.26 2.73 0.00	38.70 2.46 0.00	36.50 2.45 0.00	35.76 2.28 0.00	37.33 2.38 0.00	43.20 3.01 0.00	56.25 3.92 0.00	54.42 3.89 0.00	44.53 3.30 0.00	37.07 2.97 0.00	36.33 3.12 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.64 3.27 -0.27	35.03 2.98 -3.40	37.31 3.02 -4.38	42.52 3.12 -7.61	48.33 3.65 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.25 6.11 0.00	57.86 4.53 0.00	44.58 3.45 0.00	38.96 2.92 0.00
RAVENSWOOD_GT3_1 24248	41.29 2.77 0.00	38.70 2.46 0.00	36.50 2.45 0.00	35.76 2.28 0.00	37.33 2.38 0.00	43.20 3.01 0.00	56.25 3.92 0.00	54.42 3.89 0.00	44.58 3.34 0.00	37.07 2.97 0.00	36.33 3.12 0.00	35.66 3.21 0.00	34.84 3.16 -0.05	34.64 3.27 -0.27	35.03 2.98 -3.40	37.34 3.05 -4.38	42.52 3.12 -7.61	48.33 3.65 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.25 6.11 0.00	57.91 4.59 0.00	44.58 3.45 0.00	38.96 2.92 0.00
RAVENSWOOD_GT3_2 24249	41.29 2.77 0.00	38.70 2.46 0.00	36.50 2.45 0.00	35.76 2.28 0.00	37.33 2.38 0.00	43.20 3.01 0.00	56.25 3.92 0.00	54.42 3.89 0.00	44.58 3.34 0.00	37.07 2.97 0.00	36.33 3.12 0.00	35.66 3.21 0.00	34.84 3.16 -0.05	34.64 3.27 -0.27	35.03 2.98 -3.40	37.34 3.05 -4.38	42.52 3.12 -7.61	48.33 3.65 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.25 6.11 0.00	57.91 4.59 0.00	44.58 3.45 0.00	38.96 2.92 0.00
RAVENSWOOD_GT3_3 24250	41.33 2.81 0.00	38.78 2.54 0.00	36.54 2.49 0.00	35.83 2.34 0.00	37.36 2.41 0.00	43.24 3.05 0.00	56.30 3.98 0.00	54.52 3.99 0.00	44.62 3.38 0.00	37.10 3.00 0.00	36.36 3.15 0.00	35.70 3.25 0.00	34.90 3.23 -0.05	34.67 3.30 -0.27	35.06 3.01 -3.40	37.37 3.08 -4.38	42.55 3.15 -7.61	48.40 3.72 -7.83	59.27 4.63 -9.74	67.93 5.95 0.00	73.38 6.24 0.00	57.97 4.64 0.00	44.66 3.54 0.00	39.00 2.96 0.00
RAVENSWOOD_GT3_4 24251	41.33 2.81 0.00	38.78 2.54 0.00	36.54 2.49 0.00	35.83 2.34 0.00	37.36 2.41 0.00	43.24 3.05 0.00	56.30 3.98 0.00	54.52 3.99 0.00	44.62 3.38 0.00	37.10 3.00 0.00	36.36 3.15 0.00	35.70 3.25 0.00	34.90 3.23 -0.05	34.67 3.30 -0.27	35.06 3.01 -3.40	37.37 3.08 -4.38	42.55 3.15 -7.61	48.40 3.72 -7.83	59.27 4.63 -9.74	67.93 5.95 0.00	73.38 6.24 0.00	57.97 4.64 0.00	44.66 3.54 0.00	39.00 2.96 0.00
RAVENSWOOD_GT_1 23729	41.33 2.81 0.00	38.78 2.54 0.00	36.57 2.52 0.00	35.86 2.38 0.00	37.40 2.45 0.00	43.16 2.97 0.00	56.20 3.87 0.00	54.37 3.84 0.00	44.49 3.26 0.00	37.07 2.97 0.00	36.33 3.12 0.00	35.66 3.21 0.00	34.87 3.19 -0.05	34.67 3.30 -0.27	35.03 2.98 -3.40	37.34 3.05 -4.38	42.49 3.08 -7.61	48.29 3.61 -7.83	59.14 4.49 -9.74	67.74 5.76 0.00	73.18 6.04 0.00	57.81 4.48 0.00	44.54 3.41 0.00	38.96 2.92 0.00
RAVENSWOOD_GT_10 24258	41.26 2.73 0.00	38.70 2.46 0.00	36.47 2.42 0.00	35.76 2.28 0.00	37.33 2.38 0.00	43.20 3.01 0.00	56.25 3.92 0.00	54.42 3.89 0.00	44.53 3.30 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.61 3.23 -0.27	35.00 2.95 -3.40	37.31 3.02 -4.38	42.49 3.08 -7.61	48.29 3.61 -7.83	59.14 4.49 -9.74	67.74 5.76 0.00	73.25 6.11 0.00	57.86 4.53 0.00	44.58 3.45 0.00	38.96 2.92 0.00
RAVENSWOOD_GT_11 24259	41.26 2.73 0.00	38.70 2.46 0.00	36.47 2.42 0.00	35.76 2.28 0.00	37.33 2.38 0.00	43.20 3.01 0.00	56.25 3.92 0.00	54.42 3.89 0.00	44.53 3.30 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.61 3.23 -0.27	35.00 2.95 -3.40	37.31 3.02 -4.38	42.49 3.08 -7.61	48.29 3.61 -7.83	59.14 4.49 -9.74	67.74 5.76 0.00	73.25 6.11 0.00	57.86 4.53 0.00	44.58 3.45 0.00	38.96 2.92 0.00
RAVENSWOOD_GT_4 24252	41.29 2.77 0.00	38.70 2.46 0.00	36.50 2.45 0.00	35.80 2.31 0.00	37.33 2.38 0.00	43.16 2.97 0.00	56.20 3.87 0.00	54.37 3.84 0.00	44.49 3.26 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.61 3.23 -0.27	35.00 2.95 -3.40	37.31 3.02 -4.38	42.49 3.08 -7.61	48.29 3.61 -7.83	59.14 4.49 -9.74	67.74 5.76 0.00	73.18 6.04 0.00	57.81 4.48 0.00	44.54 3.41 0.00	38.96 2.92 0.00
RAVENSWOOD_GT_5 24254	41.29 2.77 0.00	38.70 2.46 0.00	36.50 2.45 0.00	35.80 2.31 0.00	37.33 2.38 0.00	43.16 2.97 0.00	56.20 3.87 0.00	54.37 3.84 0.00	44.49 3.26 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.61 3.23 -0.27	35.00 2.95 -3.40	37.31 3.02 -4.38	42.49 3.08 -7.61	48.29 3.61 -7.83	59.14 4.49 -9.74	67.74 5.76 0.00	73.18 6.04 0.00	57.81 4.48 0.00	44.54 3.41 0.00	38.96 2.92 0.00
RAVENSWOOD_GT_6 24253	41.29 2.77 0.00	38.70 2.46 0.00	36.50 2.45 0.00	35.80 2.31 0.00	37.33 2.38 0.00	43.16 2.97 0.00	56.20 3.87 0.00	54.37 3.84 0.00	44.49 3.26 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.61 3.23 -0.27	35.00 2.95 -3.40	37.31 3.02 -4.38	42.49 3.08 -7.61	48.29 3.61 -7.83	59.14 4.49 -9.74	67.74 5.76 0.00	73.18 6.04 0.00	57.81 4.48 0.00	44.54 3.41 0.00	38.96 2.92 0.00

RAVENSWOOD_GT_7 24255	41.29 2.77 0.00	38.70 2.46 0.00	36.50 2.45 0.00	35.80 2.31 0.00	37.33 2.38 0.00	43.16 2.97 0.00	56.20 3.87 0.00	54.37 3.84 0.00	44.49 3.26 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.61 3.23 -0.27	35.00 2.95 -3.40	37.31 3.02 -4.38	42.49 3.08 -7.61	48.29 3.61 -7.83	59.14 4.49 -9.74	67.74 5.76 0.00	73.18 6.04 0.00	57.81 4.48 0.00	44.54 3.41 0.00	38.96 2.92 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	41.26 2.73 0.00	38.70 2.46 0.00	36.47 2.42 0.00	35.76 2.28 0.00	37.33 2.38 0.00	43.20 3.01 0.00	56.25 3.92 0.00	54.42 3.89 0.00	44.53 3.30 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.61 3.23 -0.27	35.00 2.95 -3.40	37.31 3.02 -4.38	42.49 3.08 -7.61	48.29 3.61 -7.83	59.14 4.49 -9.74	67.74 5.76 0.00	73.25 6.11 0.00	57.86 4.53 0.00	44.58 3.45 0.00	38.96 2.92 0.00
RAVENSWOOD_GT_9 24257	41.26 2.73 0.00	38.70 2.46 0.00	36.47 2.42 0.00	35.76 2.28 0.00	37.33 2.38 0.00	43.20 3.01 0.00	56.25 3.92 0.00	54.42 3.89 0.00	44.53 3.30 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.61 3.23 -0.27	35.00 2.95 -3.40	37.31 3.02 -4.38	42.49 3.08 -7.61	48.29 3.61 -7.83	59.14 4.49 -9.74	67.74 5.76 0.00	73.25 6.11 0.00	57.86 4.53 0.00	44.58 3.45 0.00	38.96 2.92 0.00
RAVENSWOOD___1 23533	41.30 2.78 0.00	38.99 2.75 0.00	36.57 2.52 0.00	35.77 2.28 0.00	37.36 2.41 0.00	43.16 2.97 0.00	56.25 3.93 0.00	54.32 3.79 0.00	44.49 3.26 0.00	37.04 2.93 0.00	36.33 3.12 0.00	35.66 3.21 0.00	34.87 3.19 -0.05	34.67 3.30 -0.27	35.03 2.98 -3.40	37.30 3.02 -4.38	42.45 3.05 -7.60	48.25 3.57 -7.82	61.73 4.49 -12.33	67.96 5.70 -0.28	73.11 5.97 0.00	57.88 4.42 -0.13	44.59 3.41 -0.05	38.75 2.70 0.00
RAVENSWOOD___2 23534	41.30 2.78 0.00	38.99 2.75 0.00	36.54 2.48 0.00	35.73 2.24 0.00	37.36 2.41 0.00	43.16 2.97 0.00	56.20 3.87 0.00	54.32 3.79 0.00	44.49 3.26 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.66 3.21 0.00	34.87 3.19 -0.05	34.64 3.27 -0.27	35.00 2.95 -3.40	37.27 2.99 -4.38	42.45 3.05 -7.60	48.25 3.57 -7.82	61.69 4.45 -12.33	67.96 5.70 -0.28	73.05 5.91 0.00	57.88 4.42 -0.13	44.55 3.37 -0.05	38.75 2.70 0.00
RAVENSWOOD___3 23535	41.26 2.74 0.00	38.92 2.68 0.00	36.51 2.45 0.00	35.70 2.21 0.00	37.33 2.38 0.00	43.20 3.02 0.00	56.30 3.97 0.00	54.42 3.89 0.00	44.57 3.34 0.00	37.07 2.97 0.00	36.33 3.12 0.00	35.63 3.18 0.00	34.84 3.16 -0.05	34.64 3.27 -0.27	35.00 2.95 -3.40	37.30 3.02 -4.38	42.48 3.08 -7.60	48.32 3.65 -7.82	61.78 4.53 -12.33	68.08 5.82 -0.28	73.18 6.04 0.00	57.99 4.53 -0.13	44.63 3.46 -0.05	38.78 2.74 0.00
RAVENSWOOD___4 23820	41.29 2.78 0.00	38.96 2.72 0.00	36.54 2.48 0.00	35.73 2.24 0.00	37.36 2.41 0.00	43.12 2.93 0.00	56.20 3.87 0.00	54.32 3.79 0.00	44.49 3.26 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.87 3.19 -0.05	34.64 3.27 -0.27	35.00 2.95 -3.40	37.27 2.99 -4.38	42.45 3.05 -7.60	48.25 3.57 -7.82	61.69 4.45 -12.33	67.96 5.70 -0.28	73.05 5.91 0.00	57.88 4.42 -0.13	44.55 3.37 -0.05	38.75 2.70 0.00
RCPL_TRUST___DRP 24196	41.33 2.81 0.00	38.78 2.54 0.00	36.54 2.49 0.00	35.83 2.34 0.00	37.40 2.45 0.00	43.28 3.09 0.00	56.41 4.08 0.00	54.57 4.04 0.00	44.66 3.42 0.00	37.17 3.07 0.00	36.43 3.22 0.00	35.73 3.28 0.00	34.93 3.26 -0.05	34.73 3.36 -0.27	35.11 3.07 -3.40	37.43 3.14 -4.38	42.62 3.21 -7.61	48.44 3.76 -7.83	59.32 4.67 -9.74	67.99 6.01 0.00	73.45 6.31 0.00	58.02 4.69 0.00	44.71 3.58 0.00	39.03 2.99 0.00
RED___ROCHESTER 323720	37.01 -1.50 0.01	34.24 -1.99 0.01	32.78 -1.26 0.01	32.47 -1.00 0.01	33.79 -1.15 0.01	38.17 -2.01 0.01	47.00 -2.67 2.66	47.99 -2.52 0.01	39.95 -1.28 0.01	32.93 -1.16 0.01	31.74 -1.46 0.01	30.75 -1.69 0.01	30.10 -1.52 0.01	29.30 -1.80 0.00	27.16 -1.66 -0.18	28.18 -1.83 -0.10	30.01 -1.97 -0.18	34.54 -2.17 0.14	39.10 -1.93 3.88	55.88 -2.79 3.31	62.90 -2.48 1.75	49.17 -2.56 1.60	38.66 -1.89 0.57	34.77 -1.26 0.01
REGAN___SOLAR 323812	40.72 2.19 0.00	38.41 2.17 0.00	36.03 1.97 0.00	35.39 1.91 0.00	37.01 2.06 0.00	42.72 2.53 0.00	55.88 3.30 -0.26	52.24 1.72 0.00	41.53 0.29 0.00	33.76 -0.34 0.00	32.65 -0.56 0.00	31.77 -0.68 0.00	30.91 -0.73 -0.01	30.83 -0.59 -0.31	32.52 -0.43 -4.30	35.38 -0.15 -5.62	41.59 0.03 -9.76	47.59 0.63 -10.11	61.60 2.02 -14.67	66.19 3.97 -0.24	71.50 4.36 0.00	56.91 3.46 -0.12	43.84 2.67 -0.04	38.13 2.09 0.00
RENSSELAER___COGEN 23796	39.95 1.43 0.00	37.65 1.41 0.00	35.35 1.29 0.00	34.73 1.24 0.00	36.24 1.29 0.00	41.55 1.37 0.00	54.05 1.72 0.00	51.89 1.36 0.00	42.35 1.11 0.00	34.96 0.85 0.00	34.07 0.86 0.00	33.29 0.84 0.00	32.43 0.79 -0.02	32.14 0.75 -0.29	33.33 0.69 -3.99	35.82 0.75 -5.16	41.65 0.89 -8.96	47.22 1.14 -9.22	58.48 1.44 -12.14	63.90 1.92 0.00	69.09 1.95 0.00	55.08 1.76 0.00	42.65 1.52 0.00	37.41 1.37 0.00
REPUBLIC_115KV_BARTNBRK 55605	42.26 3.74 0.00	39.86 3.62 0.00	37.42 3.37 0.00	36.84 3.35 0.00	38.48 3.53 0.00	44.41 4.22 0.00	57.98 5.65 0.00	55.02 4.50 0.00	44.25 3.01 0.00	36.01 1.91 0.00	34.87 1.66 0.00	33.88 1.43 0.00	32.87 1.23 -0.01	32.62 1.21 -0.30	33.91 1.15 -4.11	36.57 1.35 -5.31	42.93 1.91 -9.23	49.07 2.73 -9.49	60.61 3.91 -11.79	68.30 6.32 0.00	73.99 6.85 0.00	59.14 5.81 0.00	45.32 4.20 0.00	39.47 3.42 0.00
REVERE_CPPR_DRP 24186	39.41 0.89 0.00	37.07 0.83 0.00	34.73 0.68 0.00	34.12 0.64 0.00	35.72 0.77 0.00	41.07 0.88 0.00	53.89 1.57 0.00	51.79 1.26 0.00	41.73 0.49 0.00	34.48 0.38 0.00	33.38 0.17 0.00	32.55 0.10 0.00	31.56 -0.06 0.00	31.12 0.00 -0.01	28.72 -0.09 -0.16	30.14 0.03 -0.20	32.18 0.03 -0.35	37.55 0.33 -0.36	46.37 1.12 -0.33	64.05 2.36 0.28	69.96 2.75 -0.07	55.02 1.87 0.17	42.33 1.27 0.07	37.05 1.01 0.00
REYNLDDPA_13_KV_LD 356490	38.25 -0.27 0.00	36.06 -0.18 0.00	33.78 -0.27 0.00	33.29 -0.20 0.00	34.67 -0.28 0.00	39.99 -0.20 0.00	51.64 -0.68 0.00	50.02 -0.51 0.00	40.62 -0.62 0.00	33.63 -0.48 0.00	32.65 -0.56 0.00	32.00 -0.45 0.00	31.15 -0.47 0.00	30.67 -0.44 0.00	28.25 -0.40 0.00	29.55 -0.36 0.00	31.45 -0.35 0.00	36.34 -0.52 0.00	44.50 -0.40 0.00	60.98 -0.99 0.00	66.06 -1.08 0.00	53.11 -0.21 0.00	40.84 -0.29 0.00	35.79 -0.25 0.00
REYNOLDS_115KV_TB3 80639	40.18 1.66 0.00	37.80 1.56 0.00	35.55 1.50 0.00	34.96 1.47 0.00	36.45 1.50 0.00	41.87 1.69 0.00	54.36 2.04 0.00	52.34 1.82 0.00	42.68 1.44 0.00	35.26 1.16 0.00	34.37 1.16 0.00	33.59 1.14 0.00	32.72 1.08 -0.02	32.45 1.06 -0.29	33.60 0.95 -4.00	36.10 1.02 -5.18	41.99 1.21 -8.98	47.57 1.47 -9.24	58.30 1.89 -11.50	64.46 2.48 0.00	69.69 2.55 0.00	55.57 2.24 0.00	42.98 1.85 0.00	37.70 1.66 0.00

RIVERBAY____ 323610	41.87 3.35 0.00	39.32 3.08 0.00	37.15 3.10 0.00	36.37 2.88 0.00	37.92 2.97 0.00	43.68 3.50 0.00	56.72 4.40 0.00	54.87 4.35 0.00	44.86 3.63 0.00	37.34 3.24 0.00	36.63 3.42 0.00	35.96 3.50 0.00	35.14 3.48 -0.04	34.90 3.55 -0.25	35.25 3.21 -0.39	37.55 3.26 -0.438	42.74 3.34 -0.761	48.55 3.87 -0.783	59.59 4.94 -0.974	68.36 6.38 0.00	73.78 6.65 0.00	58.29 4.96 0.00	44.91 3.78 0.00	39.36 3.32 0.00
RIVERSDE_115KV_TB3 55908	40.10 1.58 0.00	37.72 1.49 0.00	35.48 1.43 0.00	34.86 1.37 0.00	36.38 1.43 0.00	41.71 1.53 0.00	54.16 1.83 0.00	52.14 1.62 0.00	42.51 1.28 0.00	35.09 0.99 0.00	34.21 1.00 0.00	33.42 0.97 0.00	32.59 0.95 -0.02	32.30 0.90 -0.29	33.46 0.80 -0.401	35.99 0.90 -0.519	41.85 1.05 -0.900	47.44 1.33 -0.926	58.09 1.66 -0.1152	64.21 2.23 0.00	69.42 2.28 0.00	55.35 2.03 0.00	42.81 1.69 0.00	37.63 1.59 0.00
ROARING__BROOK_WT_PWR 323790	37.75 -0.77 0.00	35.48 -0.76 0.00	33.34 -0.72 0.00	32.78 -0.70 0.00	34.22 -0.74 0.00	39.34 -0.85 0.00	51.22 -1.10 0.00	49.46 -1.06 0.00	40.37 -0.87 0.00	33.35 -0.75 0.00	32.41 -0.80 0.00	31.67 -0.78 0.00	30.81 -0.82 0.00	30.30 -0.81 0.00	27.91 -0.75 0.00	29.13 -0.78 0.00	30.97 -0.83 0.00	35.93 -0.92 0.00	44.01 -0.90 0.00	60.80 -1.18 0.00	65.86 -1.28 0.00	52.26 -1.07 0.00	40.26 -0.87 0.00	35.28 -0.76 0.00
ROCHESRG_115KV_T4 355643	36.51 -2.00 0.01	34.49 -1.74 0.01	32.44 -1.60 0.01	32.07 -1.41 0.01	33.40 -1.54 0.01	37.68 -2.49 0.01	46.44 -3.35 2.54	47.33 -3.18 0.01	39.41 -1.81 0.01	32.52 -1.57 0.01	31.41 -1.79 0.01	30.43 -2.01 0.01	29.75 -1.87 0.01	29.09 -2.02 0.00	26.85 -1.98 -0.17	28.13 -2.15 -0.37	30.13 -2.32 -0.65	34.83 -2.69 -0.67	38.15 -2.65 4.11	54.76 -3.84 3.37	61.65 -3.69 1.79	48.39 -3.31 1.63	38.16 -2.39 0.58	33.94 -2.09 0.01
ROCHESTER_9_IC 23652	36.78 -1.73 0.01	34.71 -1.52 0.01	32.65 -1.40 0.01	32.27 -1.21 0.01	33.65 -1.29 0.01	38.01 -2.17 0.01	46.79 -2.88 2.66	47.79 -2.73 0.01	39.74 -1.48 0.01	32.80 -1.30 0.01	31.64 -1.56 0.01	30.66 -1.78 0.01	29.97 -1.64 0.01	29.30 -1.80 0.00	27.05 -1.78 -0.18	28.34 -1.94 -0.38	30.36 -2.10 -0.66	35.17 -2.36 -0.68	38.55 -2.20 4.16	55.45 -3.22 3.31	62.36 -3.02 1.75	48.90 -2.83 1.60	38.50 -2.06 0.57	34.19 -1.84 0.01
ROCKVIEW_13_KV_LD 356306	41.22 2.70 0.00	38.70 2.46 0.00	36.47 2.42 0.00	35.73 2.24 0.00	37.29 2.34 0.00	43.20 3.01 0.00	56.25 3.92 0.00	54.42 3.89 0.00	44.53 3.30 0.00	37.04 2.93 0.00	36.27 3.06 0.00	35.60 3.15 0.00	34.77 3.10 -0.04	34.53 3.17 -0.25	34.97 2.92 -0.39	37.28 2.99 -0.438	42.52 3.12 -0.761	48.33 3.65 -0.783	59.14 4.49 -0.974	67.80 5.83 0.00	73.25 6.11 0.00	57.86 4.53 0.00	44.62 3.50 0.00	38.93 2.88 0.00
ROME____115KV_TB2 80656	39.41 0.89 0.00	37.07 0.83 0.00	34.73 0.68 0.00	34.12 0.64 0.00	35.72 0.77 0.00	41.07 0.88 0.00	53.89 1.57 0.00	51.79 1.26 0.00	41.73 0.49 0.00	34.48 0.38 0.00	33.38 0.17 0.00	32.55 0.10 0.00	31.56 -0.06 0.00	31.12 0.00 -0.01	28.72 -0.09 -0.16	30.14 0.03 -0.20	32.18 0.03 -0.35	37.55 0.33 -0.36	46.37 1.12 -0.33	64.05 2.36 0.28	69.96 2.75 -0.07	55.02 1.87 0.17	42.33 1.27 0.07	37.05 1.01 0.00
ROSETON__1 23587	40.68 2.16 0.00	38.38 2.14 0.00	35.99 1.94 0.00	35.26 1.77 0.00	36.87 1.92 0.00	42.60 2.41 0.00	55.52 3.19 0.00	53.56 3.03 0.00	43.79 2.56 0.00	36.29 2.18 0.00	35.53 2.32 0.00	34.82 2.37 0.00	34.00 2.34 -0.04	33.75 2.40 -0.25	34.23 2.18 -0.340	36.54 2.24 -0.439	41.78 2.35 -0.762	47.50 2.80 -0.785	60.72 3.46 -0.1235	66.72 4.46 -0.28	71.84 4.70 0.00	57.03 3.57 -0.13	43.93 2.76 -0.05	38.21 2.16 0.00
ROSETON__2 23588	40.68 2.16 0.00	38.38 2.14 0.00	35.99 1.94 0.00	35.26 1.77 0.00	36.87 1.92 0.00	42.60 2.41 0.00	55.52 3.19 0.00	53.56 3.03 0.00	43.79 2.56 0.00	36.29 2.18 0.00	35.53 2.32 0.00	34.82 2.37 0.00	34.00 2.34 -0.04	33.75 2.40 -0.25	34.23 2.18 -0.340	36.54 2.24 -0.439	41.78 2.35 -0.762	47.50 2.80 -0.785	60.72 3.46 -0.1235	66.72 4.46 -0.28	71.84 4.70 0.00	57.03 3.57 -0.13	43.93 2.76 -0.05	38.21 2.16 0.00
ROTTDRAM_115KV_TB3 80664	39.91 1.39 0.00	37.54 1.30 0.00	35.28 1.23 0.00	34.69 1.21 0.00	36.21 1.26 0.00	41.67 1.49 0.00	54.26 1.94 0.00	52.09 1.57 0.00	42.39 1.15 0.00	34.92 0.82 0.00	34.01 0.80 0.00	33.23 0.78 0.00	32.40 0.76 -0.01	32.15 0.75 -0.30	33.49 0.69 -0.415	36.02 0.75 -0.537	41.98 0.86 -0.932	47.59 1.14 -0.959	58.55 1.71 -0.1193	64.39 2.42 0.00	69.69 2.55 0.00	55.46 2.13 0.00	42.77 1.65 0.00	37.41 1.37 0.00
RUSSELL__1 23602	36.93 -1.58 0.01	34.85 -1.38 0.01	32.78 -1.26 0.01	32.41 -1.07 0.01	33.79 -1.15 0.01	38.17 -2.01 0.01	47.00 -2.67 2.66	47.99 -2.53 0.01	39.95 -1.28 0.01	32.93 -1.16 0.01	31.74 -1.46 0.01	30.79 -1.66 0.01	30.10 -1.52 0.01	29.43 -1.68 0.00	27.14 -1.69 -0.18	28.46 -1.82 -0.38	30.48 -1.97 -0.66	35.36 -2.17 -0.68	38.82 -1.93 4.16	55.88 -2.79 3.31	62.83 -2.55 1.75	49.17 -2.56 1.60	38.71 -1.85 0.57	34.37 -1.66 0.01
RUSSELL__2 23532	36.93 -1.58 0.01	34.85 -1.38 0.01	32.78 -1.26 0.01	32.41 -1.07 0.01	33.79 -1.15 0.01	38.17 -2.01 0.01	47.00 -2.67 2.66	47.99 -2.53 0.01	39.95 -1.28 0.01	32.93 -1.16 0.01	31.74 -1.46 0.01	30.79 -1.66 0.01	30.10 -1.52 0.01	29.43 -1.68 0.00	27.14 -1.69 -0.18	28.46 -1.82 -0.38	30.48 -1.97 -0.66	35.36 -2.17 -0.68	38.82 -1.93 4.16	55.88 -2.79 3.31	62.83 -2.55 1.75	49.17 -2.56 1.60	38.71 -1.85 0.57	34.37 -1.66 0.01
RUSSELL__3 23549	36.93 -1.58 0.01	34.85 -1.38 0.01	32.78 -1.26 0.01	32.41 -1.07 0.01	33.79 -1.15 0.01	38.17 -2.01 0.01	47.00 -2.67 2.66	47.99 -2.53 0.01	39.95 -1.28 0.01	32.93 -1.16 0.01	31.74 -1.46 0.01	30.79 -1.66 0.01	30.10 -1.52 0.01	29.43 -1.68 0.00	27.14 -1.69 -0.18	28.46 -1.82 -0.38	30.48 -1.97 -0.66	35.36 -2.17 -0.68	38.82 -1.93 4.16	55.88 -2.79 3.31	62.83 -2.55 1.75	49.17 -2.56 1.60	38.71 -1.85 0.57	34.37 -1.66 0.01
RUSSELL__4 23556	36.93 -1.58 0.01	34.85 -1.38 0.01	32.78 -1.26 0.01	32.41 -1.07 0.01	33.79 -1.15 0.01	38.17 -2.01 0.01	47.00 -2.67 2.66	47.99 -2.53 0.01	39.95 -1.28 0.01	32.93 -1.16 0.01	31.74 -1.46 0.01	30.79 -1.66 0.01	30.10 -1.52 0.01	29.43 -1.68 0.00	27.14 -1.69 -0.18	28.46 -1.82 -0.38	30.48 -1.97 -0.66	35.36 -2.17 -0.68	38.82 -1.93 4.16	55.88 -2.79 3.31	62.83 -2.55 1.75	49.17 -2.56 1.60	38.71 -1.85 0.57	34.37 -1.66 0.01
RUSSELL__STATION 23914	36.93 -1.58 0.01	34.85 -1.38 0.01	32.78 -1.26 0.01	32.41 -1.07 0.01	33.79 -1.15 0.01	38.17 -2.01 0.01	47.00 -2.67 2.66	47.99 -2.53 0.01	39.95 -1.28 0.01	32.93 -1.16 0.01	31.74 -1.46 0.01	30.79 -1.66 0.01	30.10 -1.52 0.01	29.43 -1.68 0.00	27.14 -1.69 -0.18	28.46 -1.82 -0.38	30.48 -1.97 -0.66	35.36 -2.17 -0.68	38.82 -1.93 4.16	55.88 -2.79 3.31	62.83 -2.55 1.75	49.17 -2.56 1.60	38.71 -1.85 0.57	34.37 -1.66 0.01

S SALMON___HYD 24043	38.06 -0.46 0.00	35.73 -0.51 0.00	33.61 -0.44 0.00	33.05 -0.44 0.00	34.57 -0.38 0.00	39.54 -0.64 0.00	51.75 -0.57 0.00	49.72 -0.81 0.00	40.33 -0.91 0.00	33.39 -0.72 0.00	32.41 -0.80 0.00	31.64 -0.81 0.00	30.78 -0.85 0.00	30.25 -0.87 -0.02	28.04 -0.83 -0.22	29.33 -0.87 -0.29	31.28 -1.02 -0.50	36.23 -1.14 -0.52	43.46 -0.99 0.46	61.87 -0.87 -0.76	67.55 -0.80 -1.22	52.86 -0.75 -0.28	40.52 -0.66 -0.06	35.57 -0.47 0.00
S.PERRY___115KV_TB1 80734	37.69 -0.81 0.02	35.57 -0.65 0.02	33.39 -0.65 0.02	32.96 -0.50 0.02	34.44 -0.49 0.02	39.28 -0.88 0.02	49.61 -1.05 1.67	48.89 -1.62 0.02	40.18 -1.03 0.02	32.85 -1.23 0.02	31.56 -1.63 0.02	30.48 -1.95 0.02	29.80 -1.80 0.02	29.19 -1.90 0.01	26.92 -1.83 -0.10	28.53 -1.85 -0.48	30.66 -1.97 -0.83	35.79 -1.92 -0.86	36.52 -1.08 7.31	57.44 -1.05 3.48	64.48 -0.87 1.78	50.53 -1.12 1.67	39.58 -0.95 0.61	35.09 -0.94 0.02
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.31 -3.20 0.02	33.50 -2.72 0.02	31.38 -2.66 0.02	30.96 -2.51 0.02	32.17 -2.76 0.02	36.31 -3.86 0.02	44.82 -5.23 2.27	45.36 -5.15 0.02	37.96 -3.26 0.02	31.32 -2.76 0.02	30.27 -2.92 0.01	29.22 -3.21 0.02	28.61 -3.00 0.02	27.99 -3.11 0.00	25.83 -2.98 -0.16	27.21 -3.14 -0.45	29.11 -3.47 -0.78	33.71 -3.94 -0.80	35.15 -4.00 5.77	52.45 -6.01 3.51	59.02 -6.24 1.87	46.67 -4.96 1.69	37.10 -3.41 0.61	33.07 -2.96 0.02
SAWYER___23_KV_LOAD 55526	35.31 -3.20 0.02	33.50 -2.72 0.02	31.38 -2.66 0.02	30.96 -2.51 0.02	32.17 -2.76 0.02	36.31 -3.86 0.02	44.82 -5.23 2.27	45.36 -5.15 0.02	37.96 -3.26 0.02	31.32 -2.76 0.02	30.27 -2.92 0.01	29.22 -3.21 0.02	28.61 -3.00 0.02	27.99 -3.11 0.00	25.83 -2.98 -0.16	27.21 -3.14 -0.45	29.11 -3.47 -0.78	33.71 -3.94 -0.80	35.15 -4.00 5.77	52.45 -6.01 3.51	59.02 -6.24 1.87	46.67 -4.96 1.69	37.10 -3.41 0.61	33.07 -2.96 0.02
SELKIRK___I 23801	40.14 1.62 0.00	37.83 1.59 0.00	35.52 1.46 0.00	34.89 1.41 0.00	36.45 1.50 0.00	41.83 1.65 0.00	54.42 2.10 0.00	52.09 1.57 0.00	42.35 1.11 0.00	34.92 0.82 0.00	34.01 0.80 0.00	33.23 0.78 0.00	32.37 0.73 -0.01	32.08 0.68 -0.29	33.23 0.63 -3.95	35.73 0.72 -5.11	41.56 0.89 -8.87	47.16 1.18 -9.12	58.60 1.66 -12.02	64.39 2.41 0.00	69.69 2.55 0.00	55.51 2.19 0.00	42.89 1.77 0.00	37.59 1.55 0.00
SELKIRK___II 23799	39.87 1.35 0.00	37.58 1.34 0.00	35.28 1.22 0.00	34.66 1.17 0.00	36.17 1.22 0.00	41.55 1.37 0.00	54.05 1.72 0.00	51.94 1.41 0.00	42.35 1.11 0.00	34.99 0.89 0.00	34.11 0.90 0.00	33.33 0.88 0.00	32.49 0.85 -0.01	32.20 0.81 -0.29	33.37 0.74 -3.97	35.85 0.81 -5.14	41.64 0.92 -8.92	47.17 1.14 -9.17	58.46 1.48 -12.08	64.02 2.04 0.00	69.22 2.08 0.00	55.14 1.81 0.00	42.65 1.52 0.00	37.38 1.33 0.00
SENECA OSWGO___HYD 24041	37.79 -0.73 0.00	35.48 -0.76 0.00	33.40 -0.65 0.00	32.85 -0.64 0.00	34.32 -0.63 0.00	39.42 -0.76 0.00	51.38 -0.94 0.00	49.41 -1.11 0.00	40.41 -0.82 0.00	33.42 -0.68 0.00	32.55 -0.66 0.00	31.74 -0.71 0.00	30.93 -0.70 0.00	30.41 -0.71 -0.02	28.23 -0.66 -0.24	29.50 -0.72 -0.32	31.52 -0.83 -0.55	36.39 -1.03 -0.56	43.53 -1.17 0.21	62.56 -1.49 -2.07	67.89 -1.54 -2.30	52.81 -1.39 -0.87	40.26 -1.11 -0.24	35.18 -0.87 0.00
SENECA___115KV_TB3 355854	35.65 -2.85 0.02	33.65 -2.57 0.02	31.65 -2.38 0.02	31.12 -2.35 0.02	32.42 -2.52 0.02	36.91 -3.25 0.02	45.56 -4.50 2.27	46.11 -4.40 0.02	38.29 -2.93 0.02	31.60 -2.49 0.02	30.54 -2.66 0.02	29.58 -2.86 0.02	28.89 -2.72 0.02	28.24 -2.86 0.00	26.17 -2.64 -0.16	27.17 -2.72 0.01	28.76 -3.02 0.02	32.92 -3.35 0.59	35.89 -3.23 5.79	53.75 -4.71 3.51	60.17 -5.11 1.87	47.74 -3.89 1.70	37.80 -2.72 0.61	33.54 -2.49 0.02
SENECA___ENERGY 23797	37.90 -0.62 0.01	35.58 -0.65 0.01	33.50 -0.55 0.01	32.98 -0.50 0.01	34.49 -0.46 0.01	39.58 -0.60 0.01	57.00 -0.63 -5.30	49.56 -0.96 0.00	40.57 -0.66 0.00	33.45 -0.65 0.00	32.44 -0.76 0.00	31.57 -0.87 0.00	30.77 -0.85 0.00	30.22 -0.90 -0.02	28.14 -0.80 -0.29	29.28 -0.87 -0.24	31.27 -0.95 -0.42	36.02 -1.03 -0.19	41.42 -0.67 2.81	60.05 -0.81 1.12	66.18 -0.87 0.08	51.83 -0.91 0.59	40.15 -0.74 0.24	35.42 -0.61 0.01
SHOEMAKER___GT 23640	40.56 2.04 0.00	38.27 2.03 0.00	35.86 1.80 0.00	35.16 1.67 0.00	36.73 1.78 0.00	42.48 2.29 0.00	55.60 3.03 -0.24	53.40 2.88 0.00	43.67 2.43 0.00	36.15 2.05 0.00	35.34 2.13 0.00	34.63 2.17 0.00	33.78 2.12 -0.03	33.54 2.21 -0.23	33.82 2.00 -3.17	36.09 2.09 -4.09	41.10 2.19 -7.10	46.78 2.62 -7.31	60.21 3.28 -12.02	66.56 4.27 -0.31	71.77 4.57 -0.06	56.89 3.42 -0.15	43.82 2.63 -0.06	38.10 2.05 0.00
SHOEMAKR_138KV_BK 111 55601	40.56 2.04 0.00	38.13 1.88 0.00	35.89 1.84 0.00	35.20 1.71 0.00	36.77 1.82 0.00	42.48 2.29 0.00	55.54 2.98 -0.24	53.41 2.88 0.00	43.63 2.39 0.00	36.18 2.08 0.00	35.37 2.16 0.00	34.66 2.21 0.00	33.84 2.18 -0.03	33.57 2.24 -0.23	33.87 2.06 -3.15	36.10 2.12 -4.08	41.10 2.23 -7.07	46.79 2.65 -7.28	57.24 3.28 -9.06	66.25 4.28 0.00	71.77 4.57 -0.06	56.74 3.41 0.00	43.76 2.63 0.00	38.24 2.20 0.00
SHOREHAM_IC_1 23715	42.15 3.62 -0.01	39.86 3.62 0.00	37.40 3.34 -0.01	36.43 2.95 0.00	38.28 3.32 -0.01	44.33 4.14 -0.01	57.66 5.34 0.00	55.78 5.25 0.00	45.74 4.50 -0.01	37.90 3.79 -0.01	37.14 3.92 -0.01	36.38 3.92 -0.01	35.40 3.73 -0.05	35.04 3.67 -0.26	35.63 3.58 -3.39	38.03 3.74 -4.39	45.20 3.94 -9.45	57.28 4.61 -15.82	62.55 5.30 -12.34	69.15 6.88 -0.29	74.40 7.25 -0.01	59.18 5.71 -0.14	45.79 4.61 -0.06	39.73 3.68 -0.01
SHOREHAM_IC_2 23716	42.15 3.62 -0.01	39.86 3.62 0.00	37.40 3.34 -0.01	36.43 2.95 0.00	38.28 3.32 -0.01	44.33 4.14 -0.01	57.66 5.34 0.00	55.78 5.25 0.00	45.74 4.50 -0.01	37.90 3.79 -0.01	37.14 3.92 -0.01	36.38 3.92 -0.01	35.40 3.73 -0.05	35.04 3.67 -0.26	35.63 3.58 -3.39	38.03 3.74 -4.39	45.20 3.94 -9.45	57.28 4.61 -15.82	62.55 5.30 -12.34	69.15 6.88 -0.29	74.40 7.25 -0.01	59.18 5.71 -0.14	45.79 4.61 -0.06	39.73 3.68 -0.01
SISSONVILLE____ 23735	36.79 -1.73 0.00	34.61 -1.63 0.00	32.42 -1.63 0.00	31.88 -1.61 0.00	33.27 -1.68 0.00	38.46 -1.73 0.00	50.44 -1.88 0.00	48.25 -2.27 0.00	38.84 -2.39 0.00	32.12 -1.98 0.00	31.12 -2.09 0.00	30.50 -1.95 0.00	29.64 -1.99 0.00	29.11 -1.99 0.00	26.85 -1.81 0.00	28.14 -1.76 0.00	29.96 -1.84 0.00	34.72 -2.14 0.00	42.84 -2.07 0.00	59.70 -2.36 -0.08	64.83 -2.48 -0.17	51.54 -1.81 -0.02	39.52 -1.60 0.00	34.57 -1.48 0.00
SITHE_IND_GS1 24169	37.44 -1.08 0.00	35.15 -1.09 0.00	33.10 -0.95 0.00	32.58 -0.90 0.00	34.01 -0.94 0.00	38.98 -1.20 0.00	50.81 -1.52 0.00	48.91 -1.62 0.00	40.04 -1.20 0.00	33.15 -0.95 0.00	32.28 -0.93 0.00	31.48 -0.97 0.00	30.71 -0.92 0.00	30.15 -0.96 -0.01	27.93 -0.89 -0.17	29.20 -0.93 -0.22	31.14 -1.05 -0.39	35.89 -1.36 -0.40	38.24 -1.53 5.14	41.15 -2.11 18.72	51.59 -2.21 13.33	42.77 -1.87 8.69	36.80 -1.44 2.89	34.89 -1.15 0.00

SITHE_IND_GS2 24170	37.44 -1.08 0.00	35.15 -1.09 0.00	33.10 -0.95 0.00	32.58 -0.90 0.00	34.01 -0.94 0.00	38.98 -1.20 0.00	50.81 -1.52 0.00	48.91 -1.62 0.00	40.04 -1.20 0.00	33.15 -0.95 0.00	32.28 -0.93 0.00	31.48 -0.97 0.00	30.71 -0.92 0.00	30.15 -0.96 -0.01	27.93 -0.89 -0.17	29.20 -0.93 -0.22	31.14 -1.05 -0.39	35.89 -1.36 -0.40	38.24 -1.53 5.14	41.15 -2.11 18.72	51.59 -2.21 13.33	42.77 -1.87 8.69	36.80 -1.44 2.89	34.89 -1.15 0.00
SITHE_IND_GS3 24171	37.44 -1.08 0.00	35.15 -1.09 0.00	33.10 -0.95 0.00	32.58 -0.90 0.00	34.01 -0.94 0.00	38.98 -1.20 0.00	50.81 -1.52 0.00	48.91 -1.62 0.00	40.04 -1.20 0.00	33.15 -0.95 0.00	32.28 -0.93 0.00	31.48 -0.97 0.00	30.71 -0.92 0.00	30.15 -0.96 -0.01	27.93 -0.89 -0.17	29.20 -0.93 -0.22	31.14 -1.05 -0.39	35.89 -1.36 -0.40	38.24 -1.53 5.14	41.15 -2.11 18.72	51.59 -2.21 13.33	42.77 -1.87 8.69	36.80 -1.44 2.89	34.89 -1.15 0.00
SITHE_IND_GS4 24172	37.44 -1.08 0.00	35.15 -1.09 0.00	33.10 -0.95 0.00	32.58 -0.90 0.00	34.01 -0.94 0.00	38.98 -1.20 0.00	50.81 -1.52 0.00	48.91 -1.62 0.00	40.04 -1.20 0.00	33.15 -0.95 0.00	32.28 -0.93 0.00	31.48 -0.97 0.00	30.71 -0.92 0.00	30.15 -0.96 -0.01	27.93 -0.89 -0.17	29.20 -0.93 -0.22	31.14 -1.05 -0.39	35.89 -1.36 -0.40	38.24 -1.53 5.14	41.15 -2.11 18.72	51.59 -2.21 13.33	42.77 -1.87 8.69	36.80 -1.44 2.89	34.89 -1.15 0.00
SITHE___BATAVIA 24024	36.23 -2.27 0.01	33.65 -2.57 0.01	32.17 -1.87 0.01	31.93 -1.54 0.01	33.12 -1.82 0.01	37.20 -2.97 0.01	46.15 -3.71 2.46	46.67 -3.84 0.01	38.95 -2.27 0.01	32.04 -2.05 0.01	30.77 -2.42 0.01	29.71 -2.73 0.01	29.12 -2.50 0.01	28.31 -2.80 0.00	26.24 -2.58 -0.17	27.21 -2.75 -0.05	28.94 -2.96 -0.10	33.51 -3.02 0.33	37.48 -2.74 4.69	54.22 -4.34 3.41	61.23 -4.10 1.81	48.00 -3.68 1.65	37.95 -2.59 0.59	34.05 -1.98 0.01
SITHE___INDEPEND 23800	37.40 -1.12 0.00	35.22 -1.01 0.00	33.10 -0.95 0.00	32.58 -0.90 0.00	34.01 -0.94 0.00	38.98 -1.21 0.00	50.81 -1.52 0.00	48.91 -1.62 0.00	40.04 -1.20 0.00	33.15 -0.95 0.00	32.28 -0.93 0.00	31.48 -0.97 0.00	30.71 -0.92 0.00	30.18 -0.93 -0.01	27.93 -0.89 -0.17	29.20 -0.93 -0.22	31.13 -1.05 -0.38	35.88 -1.36 -0.39	38.03 -1.53 5.35	41.15 -2.11 18.72	51.58 -2.22 13.34	42.77 -1.87 8.69	36.80 -1.44 2.89	34.82 -1.23 0.00
SITHE___MASSENA 23902	38.10 -0.42 0.00	35.91 -0.33 0.00	33.61 -0.44 0.00	33.12 -0.37 0.00	34.53 -0.42 0.00	39.86 -0.32 0.00	51.90 -0.42 0.00	49.92 -0.60 0.00	40.41 -0.82 0.00	33.42 -0.68 0.00	32.41 -0.80 0.00	31.80 -0.65 0.00	30.96 -0.67 0.00	30.45 -0.65 0.00	28.08 -0.57 0.00	29.37 -0.54 0.00	31.26 -0.54 0.00	36.15 -0.70 0.00	44.37 -0.54 0.00	61.48 -0.50 0.00	66.60 -0.54 0.00	53.11 -0.21 0.00	40.80 -0.33 0.00	35.72 -0.33 0.00
SITHE___OGDNSBRG 24021	37.94 -0.58 0.00	35.73 -0.51 0.00	33.47 -0.58 0.00	32.95 -0.54 0.00	34.39 -0.56 0.00	39.74 -0.44 0.00	52.11 -0.21 0.00	49.72 -0.81 0.00	39.92 -1.32 0.00	32.94 -1.16 0.00	31.88 -1.33 0.00	31.28 -1.17 0.00	30.43 -1.20 0.00	29.89 -1.21 0.00	27.59 -1.06 0.00	28.95 -0.96 0.00	30.85 -0.95 0.00	35.79 -1.07 0.00	44.19 -0.72 0.00	61.61 -0.43 -0.06	66.87 -0.40 -0.13	53.24 -0.11 -0.02	40.76 -0.37 0.00	35.68 -0.36 0.00
SITHE___STERLING 23777	39.25 0.73 0.00	36.93 0.69 0.00	34.67 0.61 0.00	34.09 0.60 0.00	35.65 0.70 0.00	40.99 0.80 0.00	53.68 1.36 0.00	51.59 1.06 0.00	41.73 0.50 0.00	34.44 0.34 0.00	33.44 0.23 0.00	32.58 0.13 0.00	31.69 0.06 0.00	31.18 0.06 -0.01	28.88 0.06 -0.18	30.22 0.09 -0.23	32.32 0.13 -0.40	37.59 0.33 -0.41	46.39 0.94 -0.54	63.42 1.86 0.42	69.16 2.08 0.06	54.54 1.44 0.23	42.02 0.99 0.09	36.84 0.79 0.00
SLEIGHT__34_KV_TB1 80719	37.09 -1.43 0.01	35.00 -1.23 0.01	32.89 -1.16 0.01	32.44 -1.04 0.01	33.86 -1.08 0.01	38.53 -1.65 0.01	47.60 -2.09 2.63	48.40 -2.12 0.01	39.99 -1.24 0.01	32.97 -1.13 0.01	31.91 -1.30 0.01	30.98 -1.46 0.01	30.26 -1.36 0.01	29.65 -1.46 -0.01	27.45 -1.43 -0.23	28.74 -1.56 -0.39	30.79 -1.69 -0.67	35.63 -1.92 -0.69	39.72 -1.75 3.43	56.99 -2.42 2.57	63.58 -2.35 1.20	49.83 -2.24 1.26	38.98 -1.69 0.46	34.56 -1.48 0.01
SOUTH CAIRO___GT 23612	40.95 2.43 0.00	38.59 2.36 0.00	36.27 2.21 0.00	35.66 2.18 0.00	37.22 2.27 0.00	42.84 2.65 0.00	55.73 3.40 0.00	53.30 2.78 0.00	43.13 1.90 0.00	35.26 1.16 0.00	34.27 1.06 0.00	33.36 0.91 0.00	32.50 0.85 -0.01	32.23 0.84 -0.28	33.04 0.52 -3.87	35.57 0.66 -5.00	41.40 0.92 -8.68	47.15 1.36 -8.93	58.18 2.16 -11.12	65.88 3.90 0.00	71.50 4.36 0.00	56.74 3.41 0.00	43.84 2.71 0.00	38.42 2.38 0.00
SOUTH HAMPTN___IC 23720	41.92 3.39 -0.01	39.72 3.48 0.00	37.26 3.20 -0.01	36.30 2.81 0.00	38.17 3.21 -0.01	44.37 4.18 -0.01	57.71 5.39 0.00	56.03 5.51 0.00	45.98 4.74 -0.01	38.17 4.06 -0.01	37.47 4.25 -0.01	36.81 4.35 -0.01	35.82 4.14 -0.05	35.41 4.04 -0.26	35.94 3.90 -3.39	38.33 4.04 -4.39	45.48 4.23 -9.45	57.49 4.83 -15.81	62.77 5.52 -12.34	69.45 7.19 -0.29	74.53 7.39 -0.01	59.12 5.65 -0.14	45.63 4.44 -0.06	39.59 3.53 -0.01
SOUTHDOW__115KV_TB1 355954	36.65 -1.85 0.02	34.73 -1.49 0.02	32.47 -1.57 0.02	31.83 -1.64 0.02	33.15 -1.78 0.02	38.52 -1.65 0.02	47.87 -2.35 2.10	48.18 -2.32 0.02	39.61 -1.61 0.02	32.55 -1.53 0.02	31.53 -1.66 0.02	30.58 -1.85 0.02	29.77 -1.83 0.02	29.30 -1.80 0.01	27.09 -1.72 -0.16	28.49 -1.91 -0.49	30.50 -2.16 -0.86	35.42 -2.32 -0.88	36.67 -1.66 6.57	56.29 -2.17 3.52	62.49 -2.75 1.89	49.87 -1.76 1.70	39.28 -1.23 0.61	34.87 -1.15 0.02
SOUTHOLD_69_KV_BK 2 55809	41.61 3.08 -0.01	39.07 2.83 0.00	37.02 2.96 -0.01	36.20 2.71 0.00	37.97 3.01 -0.01	44.25 4.06 -0.01	57.56 5.23 0.00	56.08 5.56 0.00	46.07 4.82 -0.01	38.27 4.16 -0.01	37.64 4.42 -0.01	37.04 4.58 -0.01	36.04 4.36 -0.05	35.63 4.26 -0.26	36.11 4.07 -3.39	38.48 4.19 -4.39	45.61 4.36 -9.46	57.54 4.86 -15.82	60.18 5.52 -9.75	69.11 7.13 -0.01	74.46 7.32 -0.01	58.72 5.39 -0.01	45.29 4.15 -0.01	39.48 3.42 -0.01
SOUTHOLD___IC 23719	41.57 3.04 -0.01	39.46 3.22 0.00	37.02 2.96 -0.01	36.03 2.54 0.00	37.97 3.01 -0.01	44.25 4.06 -0.01	57.61 5.28 0.00	56.08 5.56 0.00	46.07 4.82 -0.01	38.27 4.16 -0.01	37.64 4.42 -0.01	37.04 4.58 -0.01	36.04 4.37 -0.05	35.63 4.26 -0.26	36.11 4.07 -3.39	38.45 4.16 -4.39	45.61 4.36 -9.45	57.53 4.86 -15.81	62.77 5.52 -12.34	69.39 7.12 -0.29	74.40 7.25 -0.01	58.85 5.38 -0.14	45.34 4.15 -0.06	39.33 3.28 -0.01
SOUTH_FORK_WT_PWR 323839	41.03 2.50 -0.01	38.96 2.72 0.00	36.58 2.52 -0.01	35.56 2.08 0.00	37.55 2.59 -0.01	43.85 3.66 -0.01	57.19 4.87 0.00	55.78 5.25 0.00	45.90 4.66 -0.01	38.17 4.06 -0.01	37.57 4.35 -0.01	37.04 4.58 -0.01	36.07 4.39 -0.05	35.63 4.26 -0.26	36.09 4.04 -3.39	38.42 4.13 -4.39	45.51 4.26 -9.45	57.27 4.61 -15.81	62.37 5.12 -12.34	68.83 6.57 -0.29	73.73 6.58 -0.01	58.21 4.74 -0.14	44.76 3.58 -0.06	38.83 2.78 -0.01

SPIERFLS_115KV_TB 1 80737	40.99 2.47 0.00	38.63 2.39 0.00	36.27 2.21 0.00	35.70 2.21 0.00	37.26 2.31 0.00	42.96 2.77 0.00	55.93 3.61 0.00	53.51 2.98 0.00	43.34 2.10 0.00	35.54 1.43 0.00	34.51 1.30 0.00	33.62 1.17 0.00	32.68 1.04 -0.01	32.43 1.03 -0.30	33.74 0.97 -4.11	36.18 0.96 -5.32	42.43 1.40 -9.24	48.27 1.92 -9.50	59.18 2.47 -11.81	65.76 3.78 0.00	71.23 4.10 0.00	57.01 3.68 0.00	43.88 2.76 0.00	38.35 2.31 0.00
ST LAWRENCE____ 23600	37.98 -0.54 0.00	35.73 -0.51 0.00	33.51 -0.55 0.00	32.99 -0.50 0.00	34.39 -0.56 0.00	39.62 -0.56 0.00	51.54 -0.78 0.00	49.67 -0.86 0.00	40.37 -0.87 0.00	33.39 -0.72 0.00	32.48 -0.73 0.00	31.77 -0.68 0.00	30.96 -0.67 0.00	30.48 -0.62 0.00	28.08 -0.57 0.00	29.34 -0.57 0.00	31.19 -0.61 0.00	36.12 -0.74 0.00	44.19 -0.72 0.00	61.05 -0.93 0.00	66.13 -1.01 0.00	52.69 -0.64 0.00	40.55 -0.58 0.00	35.54 -0.50 0.00
STATE_CA_115KV_115_LB 55624	40.10 1.58 0.00	37.72 1.49 0.00	35.48 1.43 0.00	34.89 1.41 0.00	36.38 1.43 0.00	41.71 1.53 0.00	54.16 1.83 0.00	52.09 1.57 0.00	42.47 1.24 0.00	35.02 0.92 0.00	34.14 0.93 0.00	33.36 0.91 0.00	32.50 0.85 -0.02	32.24 0.84 -0.29	33.43 0.74 -4.03	35.96 0.84 -5.21	41.87 1.02 -9.05	47.42 1.25 -9.31	58.11 1.62 -11.59	64.15 2.17 0.00	69.42 2.28 0.00	55.30 1.97 0.00	42.81 1.69 0.00	37.63 1.59 0.00
STATE_ST_34_KV_LOAD 55959	38.40 -0.12 0.01	36.16 -0.07 0.01	33.94 -0.10 0.01	33.42 -0.07 0.01	34.91 -0.03 0.01	40.10 -0.08 0.01	54.13 0.00 -1.81	50.28 -0.25 -0.01	41.07 -0.16 0.00	33.90 -0.20 0.00	32.91 -0.30 0.00	32.06 -0.39 0.00	31.25 -0.38 0.00	30.73 -0.40 -0.03	28.66 -0.34 -0.35	29.94 -0.42 -0.45	32.14 -0.45 -0.79	37.19 -0.48 -0.81	42.48 -0.13 2.30	61.35 0.00 0.62	67.52 0.07 -0.31	52.74 -0.21 0.37	40.71 -0.25 0.17	35.82 -0.22 0.01
STATION 5_MISC_HYD 23604	36.86 -1.66 0.01	34.13 -2.10 0.01	32.64 -1.40 0.01	32.37 -1.10 0.01	33.65 -1.29 0.01	38.00 -2.17 0.01	46.74 -2.93 2.66	47.74 -2.78 0.01	39.74 -1.48 0.01	32.80 -1.30 0.01	31.61 -1.59 0.01	30.66 -1.78 0.01	29.97 -1.65 0.01	29.18 -1.93 0.00	27.05 -1.78 -0.18	28.07 -1.94 -0.10	29.85 -2.13 -0.18	34.36 -2.36 0.14	38.83 -2.20 3.88	55.51 -3.16 3.31	62.50 -2.88 1.75	48.90 -2.83 1.60	38.50 -2.06 0.57	34.63 -1.41 0.01
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.28 -1.23 0.01	35.14 -1.09 0.01	33.02 -1.02 0.01	32.61 -0.87 0.01	34.03 -0.91 0.01	38.73 -1.45 0.01	45.36 -1.83 5.14	48.65 -1.87 0.01	40.15 -1.07 0.01	33.10 -0.99 0.01	32.01 -1.20 0.01	31.08 -1.36 0.01	30.35 -1.27 0.01	29.74 -1.37 -0.01	27.50 -1.35 -0.19	28.86 -1.44 -0.39	30.89 -1.59 -0.68	35.82 -1.73 -0.70	39.58 -1.48 3.85	57.33 -2.05 2.60	63.92 -2.01 1.20	50.08 -1.97 1.27	39.18 -1.48 0.46	34.74 -1.30 0.01
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.58 -1.93 0.01	34.53 -1.70 0.01	32.48 -1.57 0.01	32.10 -1.37 0.01	33.44 -1.50 0.01	37.80 -2.37 0.01	46.17 -3.14 3.01	47.54 -2.98 0.01	39.54 -1.69 0.01	32.63 -1.47 0.01	31.48 -1.73 0.01	30.53 -1.91 0.01	29.85 -1.77 0.01	29.18 -1.93 0.00	26.94 -1.89 -0.18	28.25 -2.03 -0.38	30.23 -2.23 -0.65	35.02 -2.51 -0.67	38.42 -2.43 4.06	55.23 -3.47 3.28	62.04 -3.36 1.74	48.65 -3.09 1.58	38.30 -2.26 0.57	34.05 -1.98 0.01
STA_56____34_KV_BUS2 355983	36.58 -1.93 0.01	34.53 -1.70 0.01	32.48 -1.57 0.01	32.10 -1.37 0.01	33.44 -1.50 0.01	37.80 -2.37 0.01	46.17 -3.14 3.01	47.54 -2.98 0.01	39.54 -1.69 0.01	32.63 -1.47 0.01	31.48 -1.73 0.01	30.53 -1.91 0.01	29.85 -1.77 0.01	29.18 -1.93 0.00	26.94 -1.89 -0.18	28.25 -2.03 -0.38	30.23 -2.23 -0.65	35.02 -2.51 -0.67	38.42 -2.43 4.06	55.23 -3.47 3.28	62.04 -3.36 1.74	48.65 -3.09 1.58	38.30 -2.26 0.57	34.05 -1.98 0.01
STA_67____115KV_BK2 355882	36.74 -1.77 0.01	34.67 -1.56 0.01	32.61 -1.43 0.01	32.24 -1.24 0.01	33.58 -1.36 0.01	37.93 -2.25 0.01	46.68 -2.98 2.66	47.69 -2.83 0.01	39.70 -1.53 0.01	32.73 -1.36 0.01	31.57 -1.63 0.01	30.59 -1.85 0.01	29.94 -1.68 0.01	29.27 -1.84 0.00	26.99 -1.83 -0.18	28.31 -1.97 -0.38	30.29 -2.16 -0.66	35.10 -2.43 -0.68	38.46 -2.29 4.16	55.32 -3.35 3.31	62.23 -3.16 1.75	48.80 -2.93 1.60	38.42 -2.14 0.57	34.16 -1.87 0.01
STA_7____115KV_9TRANS 80674	36.93 -1.58 0.01	34.85 -1.38 0.01	32.78 -1.26 0.01	32.41 -1.07 0.01	33.79 -1.15 0.01	38.17 -2.01 0.01	47.00 -2.67 2.66	47.99 -2.53 0.01	39.95 -1.28 0.01	32.93 -1.16 0.01	31.74 -1.46 0.01	30.79 -1.66 0.01	30.10 -1.52 0.01	29.43 -1.68 0.00	27.14 -1.69 -0.18	28.46 -1.82 -0.38	30.48 -1.97 -0.66	35.36 -2.17 -0.68	38.82 -1.93 4.16	55.88 -2.79 3.31	62.83 -2.55 1.75	49.17 -2.56 1.60	38.71 -1.85 0.57	34.37 -1.66 0.01
STA_82____115KV_TB1 80780	36.66 -1.85 0.01	34.63 -1.59 0.01	32.54 -1.50 0.01	32.17 -1.31 0.01	33.54 -1.40 0.01	37.84 -2.33 0.01	46.58 -3.09 2.66	47.59 -2.93 0.01	39.62 -1.61 0.01	32.66 -1.43 0.01	31.51 -1.69 0.01	30.56 -1.88 0.01	29.88 -1.74 0.01	29.21 -1.90 0.00	26.94 -1.89 -0.18	28.25 -2.03 -0.38	30.23 -2.23 -0.66	35.02 -2.51 -0.68	38.37 -2.38 4.16	55.20 -3.47 3.31	62.10 -3.29 1.75	48.69 -3.04 1.60	38.34 -2.22 0.57	34.09 -1.95 0.01
STEEL____WIND 323596	35.65 -2.85 0.02	33.65 -2.57 0.02	31.62 -2.42 0.02	31.12 -2.35 0.02	32.38 -2.55 0.02	36.87 -3.29 0.02	45.56 -4.50 2.27	46.06 -4.45 0.02	38.29 -2.93 0.02	31.56 -2.52 0.02	30.51 -2.69 0.02	29.55 -2.89 0.02	28.86 -2.75 0.02	28.24 -2.86 0.00	26.14 -2.66 -0.16	27.14 -2.75 0.01	28.73 -3.05 0.02	32.88 -3.39 0.59	35.89 -3.23 5.79	53.69 -4.77 3.51	60.10 -5.17 1.87	47.68 -3.95 1.70	37.76 -2.76 0.61	33.50 -2.52 0.02
STEPHTWN_115KV_BK_2 55603	40.29 1.77 0.00	37.94 1.70 0.00	35.69 1.63 0.00	35.06 1.57 0.00	36.59 1.64 0.00	41.95 1.77 0.00	54.52 2.20 0.00	52.40 1.87 0.00	42.68 1.44 0.00	35.19 1.09 0.00	34.27 1.06 0.00	33.46 1.01 0.00	32.59 0.95 -0.02	32.33 0.93 -0.29	33.48 0.83 -3.99	36.00 0.93 -5.17	41.91 1.14 -8.97	47.56 1.47 -9.23	58.28 1.89 -11.48	64.64 2.67 0.00	69.89 2.75 0.00	55.67 2.35 0.00	43.06 1.93 0.00	37.81 1.77 0.00
STEBEN_REC_LFGE 323667	37.10 -1.39 0.03	35.09 -1.12 0.03	32.87 -1.16 0.03	32.39 -1.07 0.03	33.87 -1.05 0.03	39.11 -1.04 0.03	50.26 -1.26 0.81	48.30 -2.17 0.05	39.46 -1.73 0.05	32.25 -1.81 0.05	31.15 -2.03 0.04	30.10 -2.30 0.05	29.37 -2.21 0.05	28.82 -2.24 0.05	26.44 -2.15 0.07	28.31 -2.21 -0.62	30.43 -2.45 -1.08	35.46 -2.51 -1.11	31.67 -1.89 11.35	56.21 -2.17 3.60	63.05 -2.55 1.53	49.50 -2.08 1.74	38.79 -1.69 0.65	34.46 -1.55 0.03
STILLWATER____SOLAR 323814	40.83 2.31 0.00	38.52 2.28 0.00	36.13 2.08 0.00	35.50 2.01 0.00	37.08 2.13 0.00	42.72 2.53 0.00	55.68 3.35 0.00	53.25 2.73 0.00	43.17 1.94 0.00	35.47 1.37 0.00	34.47 1.26 0.00	33.62 1.17 0.00	32.72 1.08 -0.01	32.43 1.02 -0.30	33.72 0.97 -4.09	36.27 1.08 -5.29	42.44 1.46 -9.18	48.21 1.92 -9.44	59.77 2.42 -12.43	65.51 3.53 0.00	70.90 3.76 0.00	56.58 3.25 0.00	43.60 2.47 0.00	38.06 2.02 0.00

STONY___BROOK 24151	42.23 3.70 -0.01	39.90 3.66 0.00	37.40 3.34 -0.01	36.50 3.02 0.00	38.28 3.32 -0.01	44.33 4.14 -0.01	57.66 5.34 0.00	55.73 5.21 0.00	45.70 4.45 -0.01	37.90 3.79 -0.01	37.10 3.88 -0.01	36.35 3.89 -0.01	35.37 3.70 -0.05	35.00 3.64 -0.26	35.57 3.52 -0.39	37.97 3.68 -0.43	45.17 3.91 -0.94	57.30 4.61 -15.84	62.50 5.25 -12.34	69.08 6.82 -0.29	74.33 7.19 -0.01	59.18 5.71 -0.14	45.79 4.61 -0.06	39.73 3.68 -0.01
STURGEON_POOL_HYD 23609	40.87 2.35 0.00	38.41 2.17 0.00	36.13 2.08 0.00	35.46 1.98 0.00	37.01 2.06 0.00	42.88 2.69 0.00	55.83 3.51 0.00	53.81 3.28 0.00	43.96 2.72 0.00	36.39 2.28 0.00	35.57 2.36 0.00	34.82 2.37 0.00	33.99 2.34 -0.03	33.75 2.40 -0.25	34.21 2.09 -0.34	36.57 2.18 -0.48	41.89 2.32 -0.77	47.62 2.76 -8.00	58.32 3.46 -9.95	66.81 4.83 0.00	72.31 5.17 0.00	57.17 3.84 0.00	44.09 2.96 0.00	38.49 2.45 0.00
ST_LAW_115_BK7_LBMP 345037	37.90 -0.62 0.00	35.70 -0.54 0.00	33.44 -0.61 0.00	32.95 -0.54 0.00	34.32 -0.63 0.00	39.58 -0.60 0.00	51.43 -0.89 0.00	49.62 -0.91 0.00	40.29 -0.95 0.00	33.32 -0.78 0.00	32.41 -0.80 0.00	31.74 -0.71 0.00	30.90 -0.73 0.00	30.42 -0.68 0.00	28.05 -0.60 0.00	29.31 -0.60 0.00	31.16 -0.64 0.00	36.08 -0.78 0.00	44.15 -0.76 0.00	60.92 -1.05 0.00	66.00 -1.14 0.00	52.63 -0.69 0.00	40.51 -0.62 0.00	35.47 -0.58 0.00
ST_LAW_115_BK8_LBMP 345038	37.90 -0.62 0.00	35.70 -0.54 0.00	33.44 -0.61 0.00	32.95 -0.54 0.00	34.32 -0.63 0.00	39.58 -0.60 0.00	51.43 -0.89 0.00	49.62 -0.91 0.00	40.29 -0.95 0.00	33.32 -0.78 0.00	32.41 -0.80 0.00	31.74 -0.71 0.00	30.90 -0.73 0.00	30.42 -0.68 0.00	28.05 -0.60 0.00	29.31 -0.60 0.00	31.16 -0.64 0.00	36.08 -0.78 0.00	44.15 -0.76 0.00	60.92 -1.05 0.00	66.00 -1.14 0.00	52.63 -0.69 0.00	40.51 -0.62 0.00	35.47 -0.58 0.00
ST_LAW_230_BK5_LBMP 345035	37.98 -0.54 0.00	35.73 -0.51 0.00	33.51 -0.55 0.00	32.99 -0.50 0.00	34.39 -0.56 0.00	39.62 -0.56 0.00	51.54 -0.78 0.00	49.67 -0.86 0.00	40.37 -0.87 0.00	33.39 -0.72 0.00	32.48 -0.73 0.00	31.77 -0.68 0.00	30.96 -0.67 0.00	30.48 -0.62 0.00	28.08 -0.57 0.00	29.34 -0.57 0.00	31.19 -0.61 0.00	36.12 -0.74 0.00	44.19 -0.72 0.00	61.05 -0.93 0.00	66.13 -1.01 0.00	52.69 -0.64 0.00	40.55 -0.58 0.00	35.54 -0.50 0.00
ST_LAW_230_BK6_LBMP 345036	37.98 -0.54 0.00	35.73 -0.51 0.00	33.51 -0.55 0.00	32.99 -0.50 0.00	34.39 -0.56 0.00	39.62 -0.56 0.00	51.54 -0.78 0.00	49.67 -0.86 0.00	40.37 -0.87 0.00	33.39 -0.72 0.00	32.48 -0.73 0.00	31.77 -0.68 0.00	30.96 -0.67 0.00	30.48 -0.62 0.00	28.08 -0.57 0.00	29.34 -0.57 0.00	31.19 -0.61 0.00	36.12 -0.74 0.00	44.19 -0.72 0.00	61.05 -0.93 0.00	66.13 -1.01 0.00	52.69 -0.64 0.00	40.55 -0.58 0.00	35.54 -0.50 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.76 2.23 0.00	38.27 2.03 0.00	36.06 2.01 0.00	35.36 1.88 0.00	36.91 1.96 0.00	42.72 2.53 0.00	55.80 3.24 -0.23	53.66 3.13 0.00	43.88 2.64 0.00	36.39 2.28 0.00	35.60 2.39 0.00	34.88 2.43 0.00	34.07 2.40 -0.04	33.80 2.46 -0.23	34.13 2.26 -0.32	36.40 2.33 -0.41	41.48 2.45 -0.73	47.20 2.91 -7.44	57.75 3.59 -9.25	66.69 4.71 0.00	72.23 5.04 -0.06	57.06 3.73 0.00	44.01 2.88 0.00	38.42 2.38 0.00
SWANROAD_115KV_TB1 355699	34.69 -3.81 0.02	33.11 -3.12 0.02	31.01 -3.03 0.02	30.63 -2.85 0.02	31.82 -3.11 0.02	35.39 -4.78 0.02	44.19 -5.81 2.33	44.20 -6.32 0.01	37.18 -4.04 0.01	30.68 -3.41 0.01	29.58 -3.62 0.01	28.54 -3.89 0.01	27.94 -3.67 0.01	27.28 -3.83 0.00	25.15 -3.67 -0.16	26.48 -3.86 -0.43	28.36 -4.20 -0.75	33.25 -4.39 -0.78	34.80 -4.63 5.49	50.87 -7.62 3.48	57.50 -7.79 1.85	45.35 -6.29 1.68	36.12 -4.40 0.60	32.24 -3.78 0.02
SYNERGY___BIOGAS 323694	36.16 -2.35 0.01	34.27 -1.96 0.01	32.17 -1.87 0.01	31.83 -1.64 0.01	33.16 -1.78 0.01	37.24 -2.93 0.01	46.20 -3.66 2.46	46.67 -3.84 0.01	38.95 -2.27 0.01	32.01 -2.08 0.01	30.81 -2.39 0.01	29.74 -2.69 0.01	29.12 -2.50 0.01	28.43 -2.68 0.00	26.21 -2.61 -0.17	27.57 -2.75 -0.41	29.56 -2.96 -0.72	34.57 -3.02 -0.74	37.18 -2.74 4.99	54.23 -4.34 3.41	61.10 -4.23 1.81	48.00 -3.68 1.65	37.91 -2.63 0.59	33.69 -2.34 0.01
SYRACUSE___ENERGY_ST1 323597	38.40 -0.12 0.00	36.16 -0.07 0.00	33.95 -0.10 0.00	33.42 -0.07 0.00	34.91 -0.03 0.00	40.10 -0.08 0.00	52.80 -0.05 -0.53	50.27 -0.25 0.00	41.11 -0.12 0.00	33.97 -0.14 0.00	33.04 -0.17 0.00	32.22 -0.23 0.00	31.44 -0.19 0.00	30.91 -0.22 -0.02	28.75 -0.20 -0.30	30.02 -0.27 -0.38	32.14 -0.32 -0.66	37.13 -0.41 -0.68	43.24 -0.31 1.35	61.76 -0.25 -0.03	67.65 -0.27 -0.78	52.88 -0.37 0.07	40.73 -0.33 0.07	35.79 -0.25 0.00
SYRACUSE___ENERGY_ST2 323598	38.40 -0.12 0.00	36.16 -0.07 0.00	33.95 -0.10 0.00	33.42 -0.07 0.00	34.91 -0.03 0.00	40.10 -0.08 0.00	52.80 -0.05 -0.53	50.27 -0.25 0.00	41.11 -0.12 0.00	33.97 -0.14 0.00	33.04 -0.17 0.00	32.22 -0.23 0.00	31.44 -0.19 0.00	30.91 -0.22 -0.02	28.75 -0.20 -0.30	30.02 -0.27 -0.38	32.14 -0.32 -0.66	37.13 -0.41 -0.68	43.24 -0.31 1.35	61.76 -0.25 -0.03	67.65 -0.27 -0.78	52.88 -0.37 0.07	40.73 -0.33 0.07	35.79 -0.25 0.00
SYRACUSE___POWER 24017	38.41 -0.12 0.00	36.17 -0.07 0.00	33.95 -0.10 0.00	33.39 -0.10 0.00	34.88 -0.07 0.00	40.07 -0.12 0.00	52.77 -0.05 -0.50	50.28 -0.25 0.00	41.07 -0.16 0.00	33.97 -0.14 0.00	33.05 -0.17 0.00	32.23 -0.23 0.00	31.41 -0.22 0.00	30.91 -0.22 -0.03	28.76 -0.23 -0.34	30.04 -0.27 -0.41	32.19 -0.32 -0.71	37.18 -0.41 -0.73	43.35 -0.27 1.29	60.93 -0.25 0.80	67.06 -0.27 -0.19	52.50 -0.37 0.45	40.61 -0.33 0.19	35.79 -0.25 0.00
TALLMAN__138KV_BK151 55660	41.02 2.50 0.00	38.52 2.28 0.00	36.27 2.21 0.00	35.60 2.11 0.00	37.15 2.20 0.00	42.96 2.77 0.00	55.93 3.61 0.00	54.06 3.54 0.00	44.25 3.01 0.00	36.73 2.63 0.00	35.93 2.72 0.00	35.24 2.79 0.00	34.42 2.75 -0.04	34.17 2.83 -0.24	34.55 2.61 -0.32	36.82 2.66 -0.46	41.99 2.80 -0.73	47.74 3.28 -0.76	58.41 4.04 -9.46	67.25 5.27 0.00	72.71 5.57 0.00	57.49 4.16 0.00	44.34 3.21 0.00	38.71 2.67 0.00
TEALLAVE_115KV_TB7 355573	38.25 -0.27 0.00	36.02 -0.22 0.00	33.85 -0.20 0.00	33.29 -0.20 0.00	34.78 -0.17 0.00	39.90 -0.28 0.00	52.43 -0.26 -0.37	50.07 -0.45 0.00	40.99 -0.25 0.00	33.90 -0.20 0.00	32.98 -0.23 0.00	32.16 -0.29 0.00	31.34 -0.28 0.00	30.81 -0.31 -0.02	28.63 -0.29 -0.26	29.92 -0.33 -0.34	31.98 -0.41 -0.59	36.95 -0.52 -0.61	43.11 -0.54 1.26	60.32 -0.62 1.04	66.47 -0.67 0.00	52.07 -0.69 0.56	40.37 -0.53 0.23	35.57 -0.47 0.00
TELGRAPH_34_KV_EAST 80808	35.54 -2.97 0.01	33.76 -2.46 0.01	31.65 -2.38 0.01	31.30 -2.18 0.01	32.56 -2.38 0.01	36.47 -3.70 2.41	45.26 -4.66 0.01	45.61 -4.90 0.01	38.21 -3.01 0.01	31.50 -2.59 0.01	30.31 -2.89 0.01	29.26 -3.18 0.01	28.64 -2.97 0.01	27.99 -3.11 0.00	25.81 -3.01 -0.16	27.16 -3.17 -0.42	29.10 -3.43 -0.73	34.00 -3.61 -0.76	36.12 -3.59 5.19	52.84 -5.70 3.43	59.54 -5.77 1.83	46.87 -4.80 1.66	37.20 -3.33 0.60	33.11 -2.92 0.01

TEMPLE___115KV_TB 2 55572	38.29 -0.23 0.00	36.06 -0.18 0.00	33.85 -0.20 0.00	33.29 -0.20 0.00	34.81 -0.14 0.00	39.94 -0.24 0.00	52.47 -0.21 -0.36	50.07 -0.45 0.00	40.99 -0.25 0.00	33.90 -0.20 0.00	32.98 -0.23 0.00	32.16 -0.29 0.00	31.37 -0.25 0.00	30.85 -0.28 -0.02	28.66 -0.26 -0.27	29.92 -0.33 -0.35	31.99 -0.41 -0.60	36.99 -0.48 -0.62	43.16 -0.49 1.26	60.36 -0.56 1.06	66.52 -0.60 0.01	52.12 -0.64 0.57	40.36 -0.53 0.23	35.61 -0.43 0.00
TIANA___69_KV_BK 1 55817	42.11 3.58 -0.01	39.50 3.26 0.00	37.36 3.30 -0.01	36.57 3.08 0.00	38.28 3.32 -0.01	44.45 4.26 -0.01	57.71 5.39 0.00	55.98 5.46 0.00	45.95 4.70 -0.01	38.14 4.02 -0.01	37.37 4.15 -0.01	36.68 4.22 -0.01	35.72 4.05 -0.05	35.32 3.95 -0.26	35.89 3.84 -3.39	38.27 3.98 -4.39	45.45 4.20 -9.46	57.50 4.83 -15.82	60.18 5.52 -9.75	69.18 7.19 -0.01	74.67 7.52 -0.01	59.15 5.81 -0.01	45.70 4.57 -0.01	39.87 3.82 -0.01
TILDEN___115KV_TB1 80814	38.41 -0.12 0.00	36.17 -0.07 0.00	33.95 -0.10 0.00	33.39 -0.10 0.00	34.88 -0.07 0.00	40.07 -0.12 0.00	52.77 -0.05 -0.50	50.28 -0.25 0.00	41.07 -0.16 0.00	33.97 -0.14 0.00	33.05 -0.17 0.00	32.23 -0.23 0.00	31.41 -0.22 0.00	30.91 -0.22 -0.03	28.76 -0.23 -0.34	30.04 -0.27 -0.41	32.19 -0.32 -0.71	37.18 -0.41 -0.73	43.35 -0.27 1.29	60.93 -0.25 0.80	67.06 -0.27 -0.19	52.50 -0.37 0.45	40.61 -0.33 0.19	35.79 -0.25 0.00
TRIGEN___CC 323695	41.77 3.24 -0.02	39.21 2.97 0.00	36.86 2.79 -0.02	36.27 2.78 0.00	37.83 2.87 -0.02	43.74 3.54 -0.02	56.88 4.55 0.00	55.02 4.50 0.00	45.04 3.79 -0.02	37.43 3.31 -0.02	36.55 3.32 -0.02	35.84 3.37 -0.02	34.93 3.26 -0.05	34.57 3.20 -0.26	35.14 3.09 -3.39	37.50 3.20 -4.40	45.91 3.31 -10.81	62.37 3.87 -21.65	59.38 4.72 -9.75	68.00 6.01 -0.02	73.60 6.45 -0.02	58.25 4.91 -0.02	45.01 3.87 -0.02	39.30 3.24 -0.02
TRINITY___115KV___ 4 BK 55933	39.98 1.46 0.00	37.62 1.38 0.00	35.41 1.36 0.00	34.79 1.31 0.00	36.31 1.36 0.00	41.59 1.41 0.00	54.00 1.67 0.00	51.99 1.47 0.00	42.39 1.15 0.00	34.99 0.89 0.00	34.11 0.90 0.00	33.33 0.88 0.00	32.50 0.85 -0.02	32.21 0.81 -0.29	33.37 0.72 -4.00	35.89 0.81 -5.18	41.74 0.95 -8.98	47.31 1.22 -9.24	57.89 1.48 -11.50	64.02 2.05 0.00	69.22 2.08 0.00	55.14 1.81 0.00	42.69 1.56 0.00	37.56 1.51 0.00
UNION___PROCESSING_DRP 323587	36.66 -1.85 0.01	34.63 -1.59 0.01	32.54 -1.50 0.01	32.17 -1.31 0.01	33.54 -1.40 0.01	37.88 -2.29 0.01	46.56 -3.09 2.67	47.59 -2.93 0.01	39.62 -1.61 0.01	32.66 -1.43 0.01	31.54 -1.66 0.01	30.56 -1.88 0.01	29.88 -1.74 0.01	29.21 -1.90 0.00	26.97 -1.86 -0.18	28.25 -2.03 -0.38	30.23 -2.23 -0.66	35.03 -2.51 -0.68	38.37 -2.38 4.16	55.21 -3.47 3.30	62.10 -3.29 1.75	48.69 -3.04 1.59	38.34 -2.22 0.57	34.12 -1.91 0.01
UPPER HUDSON___HYD 24058	40.99 2.47 0.00	38.67 2.43 0.00	36.26 2.21 0.00	35.66 2.18 0.00	37.26 2.31 0.00	42.96 2.77 0.00	56.04 3.72 0.00	53.51 2.98 0.00	43.34 2.10 0.00	35.53 1.43 0.00	34.50 1.29 0.00	33.62 1.17 0.00	32.68 1.04 -0.01	32.43 1.02 -0.30	33.74 0.97 -4.11	36.18 0.96 -5.32	42.43 1.40 -9.23	48.27 1.92 -9.50	59.86 2.47 -12.48	65.76 3.78 0.00	71.23 4.10 0.00	57.00 3.68 0.00	43.88 2.76 0.00	38.32 2.27 0.00
UPPER RAQUET___HYD 24056	36.79 -1.73 0.00	34.65 -1.59 0.00	32.42 -1.63 0.00	31.95 -1.54 0.00	33.27 -1.68 0.00	38.46 -1.73 0.00	50.28 -2.04 0.00	48.25 -2.27 0.00	38.84 -2.39 0.00	32.12 -1.98 0.00	31.12 -2.09 0.00	30.50 -1.95 0.00	29.64 -1.99 0.00	29.18 -1.93 0.00	26.85 -1.80 0.00	28.14 -1.76 0.00	29.95 -1.85 0.00	34.72 -2.14 0.00	43.05 -2.07 -0.20	59.69 -2.36 -0.07	64.80 -2.48 -0.14	51.53 -1.81 -0.02	39.52 -1.60 0.00	34.56 -1.48 0.00
VALLEY44_115KV_TB2 355964	36.23 -2.27 0.02	34.19 -2.03 0.02	31.82 -2.21 0.02	31.19 -2.28 0.02	32.52 -2.41 0.02	38.12 -2.05 0.02	47.36 -2.77 2.19	48.03 -2.48 0.02	38.54 -2.68 0.02	31.90 -2.18 0.02	31.23 -1.96 0.02	30.55 -1.88 0.02	29.68 -1.93 0.02	29.64 -1.46 0.01	27.61 -1.20 -0.16	29.01 -1.41 -0.51	31.13 -1.56 -0.88	36.00 -1.77 -0.91	36.96 -1.17 6.78	56.78 -1.67 3.52	62.15 -3.09 1.90	50.08 -1.55 1.70	39.16 -1.36 0.61	34.80 -1.23 0.02
VALLEY___115KV_TB 1-4 80826	39.37 0.85 0.00	37.04 0.80 0.00	34.80 0.75 0.00	34.26 0.77 0.00	35.79 0.84 0.00	41.15 0.96 0.00	53.63 1.31 0.00	51.64 1.11 0.00	41.94 0.70 0.00	34.58 0.48 0.00	33.54 0.33 0.00	32.71 0.26 0.00	31.79 0.16 0.00	31.26 0.16 0.00	28.71 0.06 0.00	30.00 0.09 0.00	31.86 0.06 0.00	37.00 0.15 0.00	45.40 0.49 0.00	63.09 1.12 0.00	68.61 1.48 0.00	54.45 1.12 0.00	42.03 0.90 0.00	36.84 0.79 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.41 1.89 -0.01	38.06 1.81 -0.01	35.73 1.67 -0.01	35.10 1.61 -0.01	36.71 1.75 -0.01	42.28 2.09 -0.01	57.87 4.50 -1.04	54.12 3.59 0.00	43.06 1.81 -0.01	35.41 1.30 -0.01	34.05 0.83 -0.01	33.11 0.65 -0.01	32.08 0.44 -0.01	31.91 0.75 -0.06	30.00 0.63 -0.72	31.70 0.96 -0.83	34.20 0.95 -1.45	39.97 1.62 -1.49	55.71 2.56 -8.24	67.02 3.84 -1.20	71.80 4.23 -0.43	57.02 3.15 -0.55	43.71 2.39 -0.20	38.03 1.98 -0.01
VISCHER___FERRY HYD 24020	40.41 1.89 0.00	38.09 1.85 0.00	35.72 1.67 0.00	35.09 1.61 0.00	36.66 1.71 0.00	42.19 2.01 0.00	54.94 2.62 0.00	52.75 2.22 0.00	42.97 1.73 0.00	35.40 1.30 0.00	34.50 1.29 0.00	33.68 1.23 0.00	32.82 1.17 -0.02	32.49 1.09 -0.30	33.71 1.00 -4.05	36.22 1.08 -5.24	42.23 1.34 -9.09	47.91 1.70 -9.36	59.41 2.20 -12.30	65.01 3.04 0.00	70.29 3.16 0.00	56.04 2.72 0.00	43.26 2.14 0.00	37.81 1.77 0.00
V_A_10_SYNC_DSASP 323832	35.54 -2.97 0.01	33.69 -2.54 0.01	31.66 -2.38 0.01	31.30 -2.18 0.01	32.53 -2.41 0.01	36.44 -3.74 0.01	44.95 -5.08 2.30	45.61 -4.90 0.01	38.34 -2.89 0.01	31.64 -2.46 0.01	30.48 -2.72 0.01	29.45 -2.99 0.01	28.83 -2.78 0.01	28.12 -2.99 0.00	25.92 -2.89 -0.17	27.20 -3.11 -0.40	29.09 -3.40 -0.70	33.66 -3.91 -0.72	35.99 -4.09 4.83	52.39 -6.07 3.51	59.29 -5.98 1.87	46.51 -5.12 1.69	36.94 -3.58 0.61	33.00 -3.03 0.01
V_CMM_10_SYNC_DSASP 323787	38.10 -0.42 0.00	35.84 -0.40 0.00	33.61 -0.44 0.00	33.09 -0.40 0.00	34.50 -0.45 0.00	39.78 -0.40 0.00	51.85 -0.47 0.00	49.82 -0.71 0.00	40.45 -0.78 0.00	33.49 -0.61 0.00	32.51 -0.70 0.00	31.87 -0.58 0.00	31.03 -0.60 0.00	30.51 -0.59 0.00	28.16 -0.49 0.00	29.43 -0.48 0.00	31.29 -0.51 0.00	36.19 -0.66 0.00	44.33 -0.58 0.00	60.99 -0.99 0.00	66.06 -1.07 0.00	52.90 -0.43 0.00	40.68 -0.45 0.00	35.65 -0.40 0.00
V_CMP_10_SYNC_DSASP 323788	38.33 -0.19 0.00	35.99 -0.25 0.00	33.71 -0.34 0.00	33.19 -0.30 0.00	34.60 -0.35 0.00	39.94 -0.24 0.00	52.17 -0.16 0.00	49.97 -0.56 0.00	40.53 -0.70 0.00	33.49 -0.61 0.00	32.51 -0.70 0.00	31.87 -0.58 0.00	31.03 -0.60 0.00	30.48 -0.62 0.00	28.14 -0.52 0.00	29.43 -0.48 0.00	31.32 -0.48 0.00	36.27 -0.59 0.00	44.50 -0.40 0.00	61.73 -0.25 0.00	66.87 -0.27 0.00	53.27 -0.05 0.00	40.88 -0.25 0.00	35.83 -0.22 0.00



V_D_10_SYNC_DSASP 323841	38.14 -0.39 0.00	35.88 -0.36 0.00	33.64 -0.41 0.00	33.12 -0.37 0.00	34.53 -0.42 0.00	39.86 -0.32 0.00	52.06 -0.26 0.00	49.92 -0.61 0.00	40.41 -0.82 0.00	33.45 -0.65 0.00	32.45 -0.76 0.00	31.80 -0.65 0.00	30.96 -0.66 0.00	30.42 -0.68 0.00	28.08 -0.57 0.00	29.37 -0.54 0.00	31.26 -0.54 0.00	36.15 -0.70 0.00	44.37 -0.54 0.00	61.48 -0.50 0.00	66.60 -0.54 0.00	53.11 -0.21 0.00	40.80 -0.33 0.00	35.75 -0.29 0.00
V_E_10_SYNC_DSASP 323830	40.61 2.08 0.00	38.27 2.03 0.00	35.83 1.77 0.00	35.20 1.71 0.00	36.88 1.92 0.00	42.56 2.37 0.00	57.80 4.19 -1.29	53.83 3.28 -0.02	42.78 1.53 -0.02	35.08 0.95 -0.02	33.66 0.43 -0.01	32.73 0.26 -0.02	31.71 0.06 -0.02	31.48 0.28 -0.10	30.04 0.26 -1.13	31.60 0.51 -1.19	34.43 0.57 -2.06	40.27 1.29 -2.12	52.54 2.56 -5.07	66.92 4.90 -0.05	72.72 5.44 -0.15	57.10 3.79 0.02	43.66 2.55 0.01	38.14 2.09 0.00
V_F_30_NSYNC___DSASP 323816	40.87 2.35 0.00	38.49 2.25 0.00	36.16 2.11 0.00	35.56 2.08 0.00	37.12 2.17 0.00	42.76 2.57 0.00	55.62 3.30 0.00	53.30 2.78 0.00	43.26 2.02 0.00	35.50 1.40 0.00	34.54 1.33 0.00	33.65 1.20 0.00	32.78 1.14 -0.01	32.49 1.09 -0.30	33.78 1.03 -4.09	36.34 1.14 -5.29	42.48 1.49 -9.19	48.30 1.99 -9.46	59.13 2.47 -11.75	65.57 3.59 0.00	70.96 3.83 0.00	56.63 3.31 0.00	43.64 2.51 0.00	38.13 2.09 0.00
V_F_30_SYNC_DSASP 323786	40.10 1.58 0.00	37.72 1.49 0.00	35.48 1.43 0.00	34.89 1.41 0.00	36.38 1.43 0.00	41.71 1.53 0.00	54.16 1.83 0.00	52.09 1.57 0.00	42.47 1.24 0.00	35.02 0.92 0.00	34.14 0.93 0.00	33.36 0.91 0.00	32.50 0.85 -0.02	32.24 0.84 -0.29	33.43 0.74 -4.03	35.95 0.84 -5.21	41.83 0.99 -9.05	47.41 1.25 -9.31	58.06 1.57 -11.58	64.15 2.17 0.00	69.42 2.28 0.00	55.30 1.97 0.00	42.81 1.69 0.00	37.63 1.59 0.00
V_XM_10_SYNC_DSASP 323789	38.33 -0.19 0.00	35.99 -0.25 0.00	33.71 -0.34 0.00	33.19 -0.30 0.00	34.60 -0.35 0.00	39.94 -0.24 0.00	52.17 -0.16 0.00	49.97 -0.56 0.00	40.53 -0.70 0.00	33.49 -0.61 0.00	32.51 -0.70 0.00	31.87 -0.58 0.00	31.03 -0.60 0.00	30.48 -0.62 0.00	28.14 -0.52 0.00	29.43 -0.48 0.00	31.32 -0.48 0.00	36.27 -0.59 0.00	44.50 -0.40 0.00	61.73 -0.25 0.00	66.87 -0.27 0.00	53.27 -0.05 0.00	40.88 -0.25 0.00	35.83 -0.22 0.00
W.BABYLN_69_KV_BK1 56697	42.34 3.81 -0.01	39.72 3.48 0.00	37.47 3.41 -0.01	36.74 3.25 0.00	38.39 3.43 -0.01	44.41 4.22 -0.01	57.66 5.34 0.00	55.83 5.31 0.00	45.70 4.45 -0.01	37.93 3.82 -0.01	37.11 3.89 -0.01	36.39 3.93 -0.01	35.41 3.73 -0.05	35.04 3.67 -0.26	35.60 3.55 -3.39	38.01 3.71 -4.39	45.33 3.91 -9.62	57.99 4.61 -16.53	60.05 5.39 -9.75	68.99 7.00 -0.01	74.60 7.45 -0.01	59.15 5.81 -0.01	45.78 4.65 -0.01	39.98 3.93 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	41.10 2.58 0.00	38.59 2.36 0.00	36.37 2.32 0.00	35.66 2.18 0.00	37.22 2.27 0.00	43.08 2.89 0.00	56.09 3.77 0.00	54.21 3.69 0.00	44.33 3.09 0.00	36.76 2.66 0.00	36.00 2.79 0.00	35.31 2.86 0.00	34.48 2.81 -0.04	34.21 2.86 -0.24	34.60 2.64 -3.31	36.91 2.72 -4.28	42.10 2.86 -7.43	47.86 3.35 -7.65	58.60 4.18 -9.52	67.43 5.45 0.00	72.91 5.77 0.00	57.65 4.32 0.00	44.42 3.29 0.00	38.78 2.74 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	41.33 2.81 0.00	38.78 2.54 0.00	36.54 2.49 0.00	35.83 2.34 0.00	37.40 2.45 0.00	43.28 3.09 0.00	56.41 4.08 0.00	54.57 4.04 0.00	44.70 3.46 0.00	37.17 3.07 0.00	36.43 3.22 0.00	35.73 3.28 0.00	34.93 3.26 -0.05	34.73 3.36 -0.27	35.11 3.07 -3.40	37.43 3.14 -4.38	42.62 3.21 -7.61	48.44 3.76 -7.83	59.32 4.67 -9.74	67.99 6.01 0.00	73.45 6.31 0.00	58.02 4.69 0.00	44.71 3.58 0.00	39.03 2.99 0.00
W50THST__13_KV_LOAD 356117	41.49 2.97 0.00	38.88 2.65 0.00	36.67 2.62 0.00	35.93 2.44 0.00	37.50 2.55 0.00	43.44 3.26 0.00	56.61 4.29 0.00	54.77 4.24 0.00	44.86 3.63 0.00	37.34 3.24 0.00	36.56 3.35 0.00	35.89 3.44 0.00	35.09 3.42 -0.05	34.89 3.51 -0.27	35.26 3.21 -3.40	37.55 3.26 -4.38	42.78 3.37 -7.61	48.62 3.94 -7.83	59.54 4.90 -9.74	68.24 6.26 0.00	73.72 6.58 0.00	58.23 4.91 0.00	44.83 3.70 0.00	39.18 3.14 0.00
WADING RIVER_IC_1 23522	42.15 3.62 -0.01	39.86 3.62 0.00	37.36 3.30 -0.01	36.43 2.95 0.00	38.28 3.32 -0.01	44.33 4.14 -0.01	57.66 5.34 0.00	55.78 5.25 0.00	45.74 4.50 -0.01	37.93 3.82 -0.01	37.14 3.92 -0.01	36.42 3.96 -0.01	35.44 3.76 -0.05	35.07 3.70 -0.26	35.63 3.58 -3.39	38.03 3.74 -4.39	45.23 3.97 -9.45	57.31 4.64 -15.81	62.55 5.30 -12.34	69.15 6.88 -0.29	74.40 7.25 -0.01	59.12 5.65 -0.14	45.75 4.56 -0.06	39.73 3.68 -0.01
WADING RIVER_IC_2 23547	42.15 3.62 -0.01	39.86 3.62 0.00	37.36 3.30 -0.01	36.43 2.95 0.00	38.28 3.32 -0.01	44.33 4.14 -0.01	57.66 5.34 0.00	55.78 5.25 0.00	45.74 4.50 -0.01	37.93 3.82 -0.01	37.14 3.92 -0.01	36.42 3.96 -0.01	35.44 3.76 -0.05	35.07 3.70 -0.26	35.63 3.58 -3.39	38.03 3.74 -4.39	45.23 3.97 -9.45	57.31 4.64 -15.81	62.55 5.30 -12.34	69.15 6.88 -0.29	74.40 7.25 -0.01	59.12 5.65 -0.14	45.75 4.56 -0.06	39.73 3.68 -0.01
WADING RIVER_IC_3 23601	42.15 3.62 -0.01	39.86 3.62 0.00	37.36 3.30 -0.01	36.43 2.95 0.00	38.28 3.32 -0.01	44.33 4.14 -0.01	57.66 5.34 0.00	55.78 5.25 0.00	45.74 4.50 -0.01	37.93 3.82 -0.01	37.14 3.92 -0.01	36.42 3.96 -0.01	35.44 3.76 -0.05	35.07 3.70 -0.26	35.63 3.58 -3.39	38.03 3.74 -4.39	45.23 3.97 -9.45	57.31 4.64 -15.81	62.55 5.30 -12.34	69.15 6.88 -0.29	74.40 7.25 -0.01	59.12 5.65 -0.14	45.75 4.56 -0.06	39.73 3.68 -0.01
WALDENNY_12_KV_BK2 80841	35.58 -2.93 0.02	33.79 -2.43 0.02	31.62 -2.42 0.02	31.13 -2.34 0.02	32.38 -2.55 0.02	36.83 -3.34 0.02	45.56 -4.50 2.26	45.91 -4.60 0.02	38.25 -2.97 0.02	31.53 -2.56 0.02	30.50 -2.69 0.02	29.48 -2.95 0.02	28.83 -2.78 0.02	28.24 -2.86 0.00	26.09 -2.72 -0.16	27.56 -2.81 -0.46	29.48 -3.12 -0.80	34.21 -3.46 -0.82	35.54 -3.32 6.05	53.45 -5.02 3.50	59.83 -5.44 1.87	47.47 -4.16 1.69	37.64 -2.88 0.61	33.47 -2.56 0.02
WALDEN___HYDRO 24148	40.95 2.43 0.00	38.49 2.25 0.00	36.23 2.18 0.00	35.56 2.08 0.00	37.12 2.17 0.00	42.96 2.77 0.00	55.93 3.61 0.00	53.96 3.44 0.00	44.08 2.85 0.00	36.46 2.35 0.00	35.67 2.46 0.00	34.92 2.47 0.00	34.07 2.40 -0.04	33.84 2.49 -0.24	34.29 2.29 -3.35	36.63 2.39 -4.33	41.86 2.54 -7.51	47.61 3.02 -7.73	58.34 3.82 -9.62	67.06 5.08 0.00	72.64 5.51 0.00	57.38 4.05 0.00	44.25 3.13 0.00	38.64 2.60 0.00
WARRENSBURG____ 23737	40.99 2.47 0.00	38.63 2.39 0.00	36.27 2.21 0.00	35.70 2.21 0.00	37.26 2.31 0.00	42.96 2.77 0.00	55.93 3.61 0.00	53.51 2.98 0.00	43.34 2.10 0.00	35.54 1.43 0.00	34.51 1.30 0.00	33.62 1.17 0.00	32.68 1.04 -0.01	32.43 1.03 -0.30	33.74 0.97 -4.11	36.18 0.96 -5.32	42.43 1.40 -9.24	48.27 1.92 -9.50	59.18 2.47 -11.81	65.76 3.78 0.00	71.23 4.10 0.00	57.01 3.68 0.00	43.88 2.76 0.00	38.35 2.31 0.00

WATERSIDE___6 8 9 23538	41.29 2.77 0.00	38.74 2.50 0.00	36.54 2.49 0.00	35.83 2.34 0.00	37.36 2.41 0.00	43.12 2.93 0.00	56.09 3.77 0.00	54.32 3.79 0.00	44.45 3.22 0.00	37.04 2.93 0.00	36.30 3.09 0.00	35.63 3.18 0.00	34.87 3.19 -0.05	34.64 3.27 -0.27	35.03 2.98 -3.40	37.31 3.02 -4.38	42.46 3.05 -7.61	48.26 3.57 -7.83	59.09 4.45 -9.74	67.68 5.70 0.00	73.11 5.98 0.00	57.75 4.43 0.00	44.50 3.37 0.00	38.93 2.88 0.00
WATKINRD_115KV_LN8_ILLION 55919	39.87 1.35 0.00	37.47 1.23 0.00	35.24 1.19 0.00	34.66 1.17 0.00	36.21 1.26 0.00	41.67 1.49 0.00	54.36 2.04 0.00	52.29 1.77 0.00	42.39 1.15 0.00	34.92 0.82 0.00	33.84 0.63 0.00	33.00 0.55 0.00	32.04 0.41 0.00	31.51 0.40 0.00	28.91 0.26 0.00	30.20 0.30 0.00	32.09 0.29 0.00	37.26 0.41 0.00	45.76 0.85 0.00	63.77 1.80 0.00	69.35 2.22 0.00	55.09 1.76 0.00	42.48 1.36 0.00	37.27 1.23 0.00
WDELAWARE___HYD 323627	41.22 2.70 0.00	38.99 2.75 0.00	36.47 2.42 0.00	35.77 2.28 0.00	37.40 2.45 0.00	43.32 3.14 0.00	56.90 4.29 -0.28	54.57 4.04 0.00	44.45 3.22 0.00	36.63 2.52 0.00	35.77 2.56 0.00	34.95 2.50 0.00	34.09 2.44 -0.03	33.88 2.55 -0.23	34.06 2.32 -3.09	36.38 2.48 -3.99	41.37 2.64 -6.93	47.19 3.20 -7.13	61.09 4.13 -12.05	67.93 5.64 -0.31	73.31 6.11 -0.06	58.00 4.53 -0.15	44.64 3.46 -0.06	38.75 2.70 0.00
WEST BABYLON___IC 23714	42.34 3.81 -0.01	39.72 3.48 0.00	37.47 3.41 -0.01	36.74 3.25 0.00	38.39 3.43 -0.01	44.41 4.22 -0.01	57.66 5.34 0.00	55.83 5.31 0.00	45.70 4.45 -0.01	37.93 3.82 -0.01	37.11 3.89 -0.01	36.39 3.93 -0.01	35.41 3.73 -0.05	35.04 3.67 -0.26	35.60 3.55 -3.39	38.01 3.71 -4.39	45.33 3.91 -9.62	57.99 4.61 -16.53	60.05 5.39 -9.75	68.99 7.00 -0.01	74.60 7.45 -0.01	59.15 5.81 -0.01	45.78 4.65 -0.01	39.98 3.93 -0.01
WEST CANADA___HYD 24049	38.71 0.19 0.00	36.46 0.22 0.00	34.26 0.21 0.00	33.66 0.17 0.00	35.13 0.18 0.00	40.39 0.20 0.00	52.59 0.26 0.00	50.68 0.15 0.00	41.36 0.12 0.00	34.17 0.07 0.00	33.31 0.10 0.00	32.52 0.07 0.00	31.69 0.06 0.00	31.17 0.06 0.00	28.71 0.06 0.00	29.97 0.06 0.00	31.86 0.06 0.00	36.97 0.11 0.00	45.18 0.27 0.00	62.35 0.37 0.00	67.54 0.41 0.00	53.65 0.32 0.00	41.42 0.29 0.00	36.26 0.22 0.00
WESTERN_NY_WIND 24143	36.08 -2.43 0.01	34.23 -1.99 0.01	32.13 -1.91 0.01	31.77 -1.71 0.01	33.08 -1.85 0.01	37.12 -3.05 0.01	46.12 -3.77 2.44	46.52 -3.99 0.01	38.87 -2.35 0.01	31.98 -2.11 0.01	30.74 -2.46 0.01	29.68 -2.76 0.01	29.05 -2.56 0.01	28.37 -2.74 0.00	26.15 -2.66 -0.17	27.51 -2.81 -0.42	29.50 -3.02 -0.72	34.50 -3.10 -0.75	37.01 -2.83 5.07	54.10 -4.46 3.42	60.96 -4.36 1.82	47.84 -3.84 1.65	37.82 -2.71 0.59	33.61 -2.41 0.01
WESTOVER___LESR 323668	39.00 0.46 -0.02	36.70 0.43 -0.02	34.45 0.37 -0.02	33.88 0.37 -0.02	35.39 0.42 -0.02	40.73 0.52 -0.02	56.09 0.84 -2.93	50.57 0.05 0.00	41.20 -0.04 0.00	34.04 -0.07 0.00	33.08 -0.13 0.00	32.26 -0.19 0.00	31.44 -0.19 0.00	31.03 -0.16 -0.08	29.53 -0.14 -1.02	31.11 -0.06 -1.26	33.92 -0.06 -2.19	39.10 0.00 -2.25	61.39 0.76 -15.72	64.87 1.12 -1.77	68.80 1.07 -0.59	54.93 0.80 -0.80	42.00 0.58 -0.30	36.53 0.47 -0.02
WETHRSFD_WT_PWR 323626	36.00 -2.50 0.02	33.97 -2.25 0.02	31.92 -2.11 0.02	31.42 -2.04 0.02	32.80 -2.13 0.02	37.35 -2.81 0.02	46.60 -3.71 2.01	46.36 -4.14 0.03	38.24 -2.97 0.02	31.42 -2.66 0.02	30.33 -2.86 0.02	29.34 -3.08 0.02	28.66 -2.94 0.02	28.01 -3.08 0.01	25.90 -2.86 -0.12	26.92 -2.90 0.08	28.46 -3.21 0.13	32.47 -3.54 0.85	34.45 -3.23 7.23	54.06 -4.34 3.58	60.64 -4.63 1.86	47.98 -3.63 1.72	37.87 -2.63 0.62	33.57 -2.45 0.02
WHAVSTOR_138KV_BK127 55557	40.99 2.47 0.00	38.49 2.25 0.00	36.27 2.21 0.00	35.56 2.08 0.00	37.12 2.17 0.00	42.92 2.73 0.00	55.88 3.56 0.00	54.01 3.49 0.00	44.20 2.97 0.00	36.69 2.59 0.00	35.90 2.69 0.00	35.21 2.76 0.00	34.38 2.72 -0.04	34.14 2.80 -0.24	34.55 2.58 -3.31	36.83 2.63 -4.29	42.01 2.77 -7.44	47.76 3.24 -7.66	58.43 4.00 -9.53	67.18 5.21 0.00	72.64 5.51 0.00	57.43 4.11 0.00	44.29 3.17 0.00	38.67 2.63 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.99 2.47 0.00	38.49 2.25 0.00	36.27 2.21 0.00	35.56 2.08 0.00	37.12 2.17 0.00	42.92 2.73 0.00	55.88 3.56 0.00	54.01 3.49 0.00	44.20 2.97 0.00	36.69 2.59 0.00	35.90 2.69 0.00	35.21 2.76 0.00	34.38 2.72 -0.04	34.14 2.80 -0.24	34.55 2.58 -3.31	36.83 2.63 -4.29	42.01 2.77 -7.44	47.76 3.24 -7.66	58.43 4.00 -9.53	67.18 5.21 0.00	72.64 5.51 0.00	57.43 4.11 0.00	44.29 3.17 0.00	38.67 2.63 0.00
WHITEHAL_115KV_TB1 80871	41.53 3.00 0.00	39.14 2.90 0.00	36.74 2.69 0.00	36.17 2.68 0.00	37.78 2.83 0.00	43.56 3.38 0.00	56.82 4.50 0.00	54.16 3.64 0.00	43.71 2.47 0.00	35.71 1.60 0.00	34.64 1.43 0.00	33.68 1.23 0.00	32.75 1.11 -0.01	32.46 1.06 -0.30	33.76 1.00 -4.11	36.33 1.11 -5.31	42.62 1.59 -9.23	48.60 2.25 -9.49	59.80 3.10 -11.79	66.87 4.90 0.00	72.44 5.30 0.00	57.97 4.64 0.00	44.50 3.37 0.00	38.82 2.78 0.00
WHITEPLN_13_KV_LOAD 356215	41.37 2.85 0.00	38.85 2.61 0.00	36.57 2.52 0.00	35.86 2.38 0.00	37.43 2.48 0.00	43.32 3.13 0.00	56.46 4.13 0.00	54.57 4.04 0.00	44.66 3.42 0.00	37.14 3.04 0.00	36.36 3.15 0.00	35.70 3.25 0.00	34.83 3.16 -0.04	34.65 3.30 -0.24	35.04 3.01 -3.38	37.42 3.14 -4.38	42.67 3.28 -7.60	48.50 3.83 -7.82	59.35 4.72 -9.73	68.05 6.07 0.00	73.52 6.38 0.00	58.02 4.69 0.00	44.71 3.58 0.00	39.03 2.99 0.00
WM_FLOYD_69_KV_BK2 356380	42.23 3.70 -0.01	39.61 3.37 0.00	37.40 3.34 -0.01	36.63 3.15 0.00	38.32 3.36 -0.01	44.37 4.18 -0.01	57.61 5.28 0.00	55.78 5.25 0.00	45.70 4.45 -0.01	37.90 3.79 -0.01	37.10 3.89 -0.01	36.39 3.93 -0.01	35.41 3.73 -0.05	35.04 3.67 -0.26	35.63 3.58 -3.39	38.03 3.74 -4.39	45.20 3.94 -9.46	57.29 4.61 -15.83	59.95 5.30 -9.75	68.93 6.94 -0.01	74.46 7.32 -0.01	59.04 5.71 -0.01	45.74 4.61 -0.01	39.94 3.89 -0.01
WOODARD___115KV_TB2 355635	38.21 -0.31 0.00	35.99 -0.25 0.00	33.81 -0.24 0.00	33.25 -0.23 0.00	34.74 -0.21 0.00	39.86 -0.32 0.00	52.28 -0.31 -0.27	50.02 -0.51 0.00	40.95 -0.29 0.00	33.86 -0.24 0.00	32.94 -0.27 0.00	32.13 -0.32 0.00	31.34 -0.28 0.00	30.81 -0.31 -0.02	28.60 -0.32 -0.27	29.89 -0.36 -0.35	31.96 -0.45 -0.60	36.92 -0.55 -0.62	42.99 -0.63 1.29	60.57 -0.74 0.67	66.65 -0.81 -0.32	52.13 -0.80 0.39	40.34 -0.62 0.17	35.54 -0.50 0.00
YORK___WARBASSE 23770	41.57 3.04 -0.01	39.00 2.75 -0.01	36.74 2.69 0.00	36.00 2.51 0.00	37.54 2.59 0.00	43.28 3.09 0.00	56.20 3.87 0.00	54.32 3.79 0.00	44.41 3.18 0.00	36.97 2.86 0.00	36.27 3.06 0.00	35.60 3.15 0.00	34.81 3.13 -0.05	34.61 3.23 -0.27	34.97 2.92 -3.40	37.28 2.99 -4.38	42.43 3.02 -7.61	48.26 3.57 -7.83	59.18 4.54 -9.74	67.80 5.83 0.00	73.25 6.11 0.00	57.91 4.59 0.00	44.62 3.50 0.00	39.07 3.03 0.00