

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								12/06/2023		
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	33.65	32.47	31.99	31.61	32.05	35.37	46.03	54.65	51.01	50.15	55.09	51.47	51.43	50.57	50.77	51.48	64.25	109.66	85.97	64.79	57.26	51.31	47.20	43.26			
		1.72	1.55	1.46	1.39	1.55	1.94	2.97	3.09	2.92	3.26	3.43	3.31	3.40	3.39	3.51	3.48	4.18	5.61	3.92	2.72	2.24	2.27	2.51	2.68			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-5.16	-7.07	-5.71	-6.02	-5.86	-5.45	-4.52	-8.38	-20.41	-23.50	-21.47	-18.90	-15.14	-10.76	-4.41			
74TH STREET_GT_1	24260	33.65	32.50	32.02	31.66	31.99	35.38	45.99	54.60	50.97	50.02	54.90	51.33	51.29	50.43	50.64	51.38	64.03	110.53	86.72	65.20	57.26	51.24	47.20	43.29			
		1.72	1.58	1.50	1.45	1.49	1.94	2.93	3.04	2.87	3.13	3.25	3.18	3.28	3.26	3.39	3.39	3.98	5.44	3.86	2.64	2.24	2.20	2.51	2.71			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-5.15	-7.06	-5.70	-6.01	-5.85	-5.43	-4.51	-8.36	-21.45	-24.31	-21.96	-18.90	-15.14	-10.76	-4.41			
74TH STREET_GT_2	24261	33.65	32.50	32.02	31.66	31.99	35.38	45.99	54.60	50.97	50.02	54.90	51.33	51.29	50.43	50.64	51.38	64.03	110.53	86.72	65.20	57.26	51.24	47.20	43.29			
		1.72	1.58	1.50	1.45	1.49	1.94	2.93	3.04	2.87	3.13	3.25	3.18	3.28	3.26	3.39	3.39	3.98	5.44	3.86	2.64	2.24	2.20	2.51	2.71			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-5.15	-7.06	-5.70	-6.01	-5.85	-5.43	-4.51	-8.36	-21.45	-24.31	-21.96	-18.90	-15.14	-10.76	-4.41			
ADK HUDSON___FALLS	24011	33.21	32.19	31.83	31.42	31.81	35.01	45.61	54.34	49.96	45.85	49.76	46.67	46.08	45.31	45.68	47.36	57.37	118.24	106.22	90.09	91.03	78.26	65.99	50.91			
		1.28	1.27	1.31	1.21	1.31	1.57	2.54	2.78	2.59	2.71	3.25	2.67	2.44	2.40	2.38	2.65	3.41	5.44	3.81	2.64	2.28	2.20	2.10	2.46			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-1.40	-1.92	-1.55	-1.63	-1.59	-1.48	-1.23	-2.28	-29.15	-43.87	-46.85	-52.62	-42.15	-29.95	-12.28			
ADK RESOURCE___RCVRY	23798	33.30	32.28	31.96	31.48	31.93	35.14	45.82	54.54	50.19	46.06	49.98	46.88	46.25	45.47	45.84	47.53	57.62	119.01	106.85	90.48	91.36	78.55	66.22	51.13			
		1.37	1.36	1.43	1.27	1.43	1.70	2.76	2.99	2.83	2.92	3.48	2.89	2.61	2.56	2.55	2.82	3.67	5.85	4.10	2.76	2.46	2.37	2.24	2.64			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-1.40	-1.92	-1.55	-1.63	-1.59	-1.48	-1.22	-2.27	-29.51	-44.21	-47.12	-52.78	-42.28	-30.04	-12.32			
ADK S GLENS___FALLS	24028	33.21	32.19	31.83	31.42	31.81	35.01	45.61	54.34	49.96	45.85	49.76	46.67	46.08	45.31	45.68	47.36	57.37	118.24	106.22	90.09	91.03	78.26	65.99	50.91			
		1.28	1.27	1.31	1.21	1.31	1.57	2.54	2.78	2.59	2.71	3.25	2.67	2.44	2.40	2.38	2.65	3.41	5.44	3.81	2.64	2.28	2.20	2.10	2.46			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-1.40	-1.92	-1.55	-1.63	-1.59	-1.48	-1.23	-2.28	-29.15	-43.87	-46.85	-52.62	-42.15	-29.95	-12.28			
ADK_NYS___DAM	23527	34.04	32.90	32.48	32.09	32.51	35.81	46.43	55.22	50.79	46.95	50.88	48.08	47.71	46.91	47.34	48.79	59.04	116.64	101.87	84.61	84.01	72.66	62.41	49.77			
		2.11	1.98	1.96	1.87	2.01	2.37	3.36	3.66	3.34	3.42	3.83	3.65	3.61	3.55	3.64	3.74	4.45	6.61	4.69	3.29	2.92	2.74	2.88	3.11			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.35	-1.79	-2.46	-1.98	-2.09	-2.03	-1.89	-1.57	-2.91	-26.39	-38.63	-40.72	-44.96	-36.01	-25.59	-10.49			
AIR_PRODUCTS___DRP	24190	31.93	30.95	30.58	30.27	30.56	33.50	43.37	51.61	47.51	43.70	48.31	45.72	45.35	44.62	45.07	46.60	56.10	108.16	92.17	75.32	74.27	64.63	56.24	46.31			
		0.00	0.03	0.06	0.06	0.06	0.07	0.30	0.05	0.14	0.58	1.83	1.74	1.72	1.74	1.80	1.91	2.17	3.26	2.34	1.66	1.52	1.39	1.46	1.59			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-1.38	-1.90	-1.53	-1.61	-1.57	-1.46	-1.21	-2.25	-21.25	-31.28	-33.06	-36.62	-29.33	-20.84	-8.55			
AKWESSNE_115KV_BK	355683	32.18	31.20	30.77	30.52	30.74	33.57	43.19	52.02	47.33	41.49	44.27	42.15	41.68	40.99	41.48	43.04	51.12	83.23	58.14	40.27	35.91	33.73	33.80	35.99			
		0.26	0.28	0.24	0.30	0.24	0.13	0.13	0.46	0.24	-0.25	-0.31	-0.30	-0.34	-0.33	-0.33	-0.43	-0.57	-0.42	-0.41	-0.32	-0.22	-0.17	-0.14	-0.18			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1	23571	31.93	30.95	30.58	30.27	30.56	33.50	43.37	51.61	47.51	43.70	48.31	45.72	45.35	44.62	45.07	46.60	56.10	108.16	92.17	75.32	74.27	64.63	56.24	46.31			
		0.00	0.03	0.06	0.06	0.06	0.07	0.30	0.05	0.14	0.58	1.83	1.74	1.72	1.74	1.80	1.91	2.17	3.26	2.34	1.66	1.52	1.39	1.46	1.59			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-1.38	-1.90	-1.53	-1.61	-1.57	-1.46	-1.21	-2.25	-21.25	-31.28	-33.06	-36.62	-29.33	-20.84	-8.55			
ALBANY___2	23572	31.93	30.95	30.58	30.27	30.56	33.50	43.37	51.61	47.51	43.70	48.31	45.72	45.35	44.62	45.07	46.60	56.10	108.16	92.17	75.32	74.27	64.63	56.24	46.31			
		0.00	0.03	0.06	0.06	0.06	0.07	0.30	0.05	0.14	0.58	1.83	1.74	1.72	1.74	1.80	1.91	2.17	3.26	2.34	1.66	1.52	1.39	1.46	1.59			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-1.38	-1.90	-1.53	-1.61	-1.57	-1.46	-1.21	-2.25	-21.25	-31.28	-33.06	-36.62	-29.33	-20.84	-8.55			
ALBANY___3	23573	31.93	30.95	30.58	30.27	30.56	33.50	43.37	51.61	47.51	43.70	48.31	45.72	45.35	44.62	45.07	46.60	56.10	108.16	92.17	75.32	74.27	64.63	56.24	46.31			
		0.00	0.03	0.06	0.06	0.06	0.07	0.30	0.05	0.14	0.58	1.83	1.74	1.72	1.74	1.80	1.91	2.17	3.26	2.34	1.66	1.52	1.39	1.46	1.59			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-1.38	-1.90	-1.53	-1.61	-1.57	-1.46	-1.21	-2.25	-21.25	-31.28	-33.06	-36.62	-29.33	-20.84	-8.55			

ALBANY___4 23574	31.93 0.00 0.00	30.95 0.03 0.00	30.58 0.06 0.00	30.27 0.06 0.00	30.56 0.06 0.00	33.50 0.07 0.00	43.37 0.30 0.00	51.61 0.05 0.00	47.51 0.14 -0.27	43.70 0.58 -1.38	48.31 1.83 -1.90	45.72 1.74 -1.53	45.35 1.72 -1.61	44.62 1.74 -1.57	45.07 1.80 -1.46	46.60 1.91 -1.21	56.10 2.17 -2.25	108.16 3.26 -21.25	92.17 2.34 -31.28	75.32 1.66 -33.06	74.27 1.52 -36.62	64.63 1.39 -29.33	56.24 1.46 -20.84	46.31 1.59 -8.55
ALBANY___LFGE 323615	32.22 0.29 0.00	31.26 0.34 0.00	30.89 0.37 0.00	30.55 0.33 0.00	30.92 0.43 0.00	33.84 0.40 0.00	43.84 0.78 0.00	52.18 0.62 0.00	48.07 0.71 -0.27	44.20 1.08 -1.38	48.70 2.23 -1.89	46.05 2.08 -1.53	45.72 2.10 -1.61	44.95 2.07 -1.57	45.40 2.13 -1.46	46.95 2.26 -1.21	56.61 2.69 -2.24	111.57 4.01 -23.90	96.56 2.81 -35.20	79.80 1.99 -37.21	79.18 1.81 -41.25	68.60 1.66 -33.04	59.11 1.70 -23.48	47.64 1.84 -9.63
ALCOA_PA_115KV_PL-6C 55860	32.34 0.42 0.00	31.38 0.46 0.00	30.92 0.40 0.00	30.79 0.57 0.00	30.98 0.49 0.00	33.67 0.23 0.00	43.32 0.26 0.00	52.38 0.82 0.00	47.66 0.57 0.00	41.61 -0.13 0.00	44.45 -0.13 0.00	42.28 -0.17 0.00	41.80 -0.21 0.00	41.15 -0.17 0.00	41.61 -0.21 0.00	43.17 -0.30 0.00	51.27 -0.41 0.00	83.48 -0.17 0.00	58.31 -0.23 0.00	40.44 -0.16 0.00	36.09 -0.04 0.00	33.90 0.00 0.00	33.97 0.03 0.00	36.17 0.00 0.00
ALCOA_RYNLDS___DRP 24188	32.34 0.42 0.00	31.38 0.46 0.00	30.92 0.40 0.00	30.79 0.57 0.00	30.98 0.49 0.00	33.67 0.23 0.00	43.32 0.26 0.00	52.38 0.82 0.00	47.66 0.57 0.00	41.61 -0.13 0.00	44.45 -0.13 0.00	42.28 -0.17 0.00	41.80 -0.21 0.00	41.15 -0.17 0.00	41.61 -0.21 0.00	43.17 -0.30 0.00	51.27 -0.41 0.00	83.48 -0.17 0.00	58.31 -0.23 0.00	40.44 -0.16 0.00	36.09 -0.04 0.00	33.90 0.00 0.00	33.97 0.03 0.00	36.17 0.00 0.00
ALCOA___DSASP 323711	32.34 0.41 0.00	31.39 0.46 0.00	30.92 0.40 0.00	30.79 0.57 0.00	30.77 0.27 0.00	33.67 0.24 0.00	43.28 0.22 0.00	52.38 0.82 0.00	47.67 0.57 0.00	41.61 -0.12 0.00	44.45 -0.13 0.00	42.28 -0.17 0.00	41.80 -0.21 0.00	41.15 -0.16 0.00	41.61 -0.21 0.00	43.18 -0.30 0.00	51.22 -0.47 0.00	83.48 -0.17 0.00	58.32 -0.23 0.00	40.44 -0.16 0.00	36.05 -0.07 0.00	33.94 0.03 0.00	33.97 0.03 0.00	36.17 0.00 0.00
ALLEGHENY___COGEN 23514	33.49 1.56 0.00	32.44 1.51 0.00	32.02 1.50 0.00	31.69 1.48 0.00	31.93 1.43 0.00	34.98 1.54 0.00	43.28 0.22 0.00	51.45 -0.10 0.00	47.08 0.05 0.07	41.64 0.25 0.35	43.44 -0.67 0.48	41.72 -0.34 0.39	41.22 -0.38 0.41	40.67 -0.25 0.40	40.99 -0.46 0.37	43.13 -0.04 0.31	51.84 0.72 0.57	87.34 1.67 -2.01	63.52 1.17 -3.80	46.02 0.97 -4.45	43.70 2.02 -5.55	39.71 1.36 -4.45	38.08 0.98 -3.16	38.84 1.37 -1.30
ALTAMONT_115KV_TB 2 55880	32.47 0.54 0.00	31.45 0.53 0.00	31.07 0.55 0.00	30.73 0.51 0.00	31.01 0.52 0.00	34.07 0.64 0.00	44.10 1.03 0.00	52.48 0.93 0.00	48.26 0.89 -0.27	44.28 1.17 -1.37	48.20 1.74 -1.88	45.62 1.66 -1.52	45.25 1.64 -1.60	44.53 1.65 -1.56	44.98 1.71 -1.45	46.46 1.78 -1.20	55.98 2.07 -2.23	106.29 3.09 -19.55	89.35 2.22 -28.57	72.28 1.58 -30.10	70.77 1.45 -33.20	61.85 1.36 -26.59	54.26 1.43 -18.90	45.47 1.56 -7.75
ALTONA_WT_PWR 323606	33.14 1.21 0.00	32.13 1.20 0.00	31.71 1.19 0.00	31.42 1.21 0.00	31.50 1.00 0.00	34.14 0.70 0.00	43.84 0.78 0.00	52.33 0.77 0.00	47.57 0.47 0.00	42.28 0.54 0.00	45.08 0.49 0.00	42.91 0.47 0.00	42.22 0.21 0.00	41.53 0.21 0.00	41.90 0.08 0.00	43.39 -0.09 0.00	51.22 -0.47 0.00	83.32 -0.33 0.00	57.85 -0.70 0.00	40.60 0.00 0.00	36.24 0.11 0.00	33.94 0.03 0.00	33.94 0.00 0.00	36.61 0.44 0.00
AMERICAN_REF_FUEL 24010	31.32 -0.61 0.00	30.52 -0.40 0.00	30.19 -0.34 0.00	29.91 -0.30 0.00	30.10 -0.40 0.00	32.73 -0.70 0.00	40.65 -2.41 0.00	47.79 -3.76 0.00	43.69 -3.34 0.06	38.98 -2.42 0.33	40.47 -3.66 0.46	38.77 -3.31 0.37	38.26 -3.36 0.39	37.72 -3.22 0.38	37.87 -3.60 0.35	39.71 -3.48 0.29	46.90 -4.24 0.54	78.55 -6.94 -1.85	57.30 -4.74 -3.49	41.68 -3.00 -4.08	38.55 -2.67 -5.10	35.07 -2.92 -4.08	34.09 -2.75 -2.90	35.26 -2.10 -1.19
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.21 1.28 0.00	32.31 1.39 0.00	31.96 1.43 0.00	31.61 1.39 0.00	31.84 1.34 0.00	34.71 1.27 0.00	43.67 0.60 0.00	51.55 0.00 0.00	46.94 -0.09 0.07	41.85 0.46 0.35	43.48 -0.62 0.48	41.59 -0.47 0.39	41.02 -0.59 0.41	40.43 -0.49 0.40	40.57 -0.88 0.37	42.56 -0.61 0.31	50.55 -0.57 0.57	84.96 -0.67 -1.98	61.99 -0.29 -3.73	44.97 0.00 -4.37	41.51 -0.07 -5.45	37.69 -0.58 -4.37	36.39 -0.65 -3.10	37.48 0.04 -1.27
ARTHUR_KILL_GT_1 23520	33.68 1.75 0.00	32.47 1.55 0.00	31.96 1.43 0.00	31.61 1.39 0.00	31.99 1.49 0.00	35.21 1.77 0.00	45.69 2.63 0.00	54.08 2.53 0.00	50.40 2.31 -0.99	49.60 2.71 -5.15	54.36 2.72 -7.06	50.52 2.38 -5.70	50.53 2.52 -6.00	49.64 2.48 -5.84	49.84 2.59 -5.43	50.55 2.56 -4.51	63.14 3.10 -8.36	107.87 3.85 -20.37	84.77 2.75 -23.47	63.96 1.91 -21.45	56.53 1.52 -18.89	50.79 1.76 -15.13	46.65 1.97 -10.75	42.78 2.21 -4.40
ARTHUR_KILL_2 23512	33.59 1.66 0.00	32.40 1.48 0.00	31.90 1.37 0.00	31.51 1.30 0.00	31.93 1.43 0.00	35.11 1.67 0.00	45.56 2.50 0.00	53.93 2.37 0.00	50.26 2.17 -0.99	49.47 2.59 -5.15	54.27 2.63 -7.06	50.39 2.25 -5.70	50.40 2.39 -6.00	49.51 2.35 -5.84	49.71 2.47 -5.43	50.42 2.43 -4.51	62.98 2.94 -8.36	107.62 3.59 -20.37	84.59 2.57 -23.47	63.80 1.74 -21.45	56.42 1.41 -18.89	50.69 1.66 -15.13	46.55 1.87 -10.75	42.67 2.10 -4.40
ARTHUR_KILL_3 23513	33.30 1.37 0.00	32.13 1.20 0.00	31.65 1.13 0.00	31.30 1.09 0.00	31.72 1.22 0.00	35.01 1.57 0.00	45.56 2.50 0.00	54.03 2.47 0.00	50.40 2.31 -1.00	49.56 2.67 -5.15	54.51 2.86 -7.07	50.91 2.76 -5.71	50.84 2.82 -6.01	49.98 2.81 -5.85	50.18 2.93 -5.44	50.82 2.82 -4.52	63.52 3.46 -8.37	108.39 4.35 -20.40	85.14 3.10 -23.49	64.22 2.15 -21.47	56.79 1.77 -18.90	50.90 1.86 -15.14	46.86 2.17 -10.76	42.90 2.32 -4.41
ARTHUR_KILL_COGEN 323718	33.68 1.75 0.00	32.47 1.55 0.00	31.96 1.43 0.00	31.61 1.39 0.00	31.99 1.49 0.00	35.21 1.77 0.00	45.69 2.63 0.00	54.08 2.53 0.00	50.40 2.31 -0.99	49.60 2.71 -5.15	54.36 2.72 -7.06	50.52 2.38 -5.70	50.53 2.52 -6.00	49.64 2.48 -5.84	49.84 2.59 -5.43	50.55 2.56 -4.51	63.14 3.10 -8.36	107.87 3.85 -20.37	84.77 2.75 -23.47	63.96 1.91 -21.45	56.53 1.52 -18.89	50.79 1.76 -15.13	46.65 1.97 -10.75	42.78 2.21 -4.40
ASHOKAN____ 23654	33.24 1.31 0.00	32.13 1.20 0.00	31.80 1.28 0.00	31.36 1.15 0.00	31.81 1.31 0.00	34.67 1.24 0.00	45.05 1.98 0.00	53.36 1.80 0.00	49.89 2.64 -0.16	45.00 2.46 -0.80	48.76 3.07 -1.10	46.31 2.97 -0.89	45.89 2.94 -0.94	45.12 2.89 -0.91	45.71 3.05 -0.85	47.62 3.43 -0.70	57.38 4.39 -1.31	100.97 2.34 -14.98	82.95 1.93 -22.47	65.69 1.14 -23.96	63.96 0.98 -26.85	56.19 0.78 -21.51	49.97 0.75 -15.28	43.34 0.90 -6.27

ASTORIA_EAST_ENERGY_CC1 323581	33.56 1.63 -0.01	32.38 1.45 -0.01	31.89 1.37 0.01	31.50 1.30 0.01	31.92 1.43 0.01	35.11 1.67 0.00	45.34 2.28 0.01	53.61 2.06 0.01	50.06 1.98 -0.99	49.30 2.42 -5.14	54.18 2.54 -7.05	50.65 2.50 -5.70	50.66 2.65 -6.00	49.76 2.60 -5.84	49.96 2.72 -5.43	50.64 2.65 -4.51	63.25 3.21 -8.36	107.96 3.93 -20.37	84.83 2.81 -23.47	64.00 1.95 -21.45	56.57 1.55 -18.89	50.90 1.86 -15.14	46.79 2.10 -10.75	43.22 2.64 -4.41
ASTORIA_EAST_ENERGY_CC2 323582	33.56 1.63 -0.01	32.38 1.45 -0.01	31.89 1.37 0.01	31.50 1.30 0.01	31.92 1.43 0.01	35.11 1.67 0.00	45.34 2.28 0.01	53.61 2.06 0.01	50.06 1.98 -0.99	49.30 2.42 -5.14	54.18 2.54 -7.05	50.65 2.50 -5.70	50.66 2.65 -6.00	49.76 2.60 -5.84	49.96 2.72 -5.43	50.64 2.65 -4.51	63.25 3.21 -8.36	107.96 3.93 -20.37	84.83 2.81 -23.47	64.00 1.95 -21.45	56.57 1.55 -18.89	50.90 1.86 -15.14	46.79 2.10 -10.75	43.22 2.64 -4.41
ASTORIA_GT2_1 24094	33.56 1.63 0.00	32.40 1.48 0.00	31.88 1.37 0.02	31.53 1.33 0.02	31.85 1.37 0.02	35.11 1.67 0.00	45.35 2.28 0.00	53.62 2.06 0.00	50.13 2.03 -1.00	49.31 2.42 -5.15	54.14 2.50 -7.06	50.65 2.50 -5.70	50.66 2.65 -6.01	49.77 2.60 -5.85	49.97 2.72 -5.43	50.69 2.70 -4.51	63.15 3.10 -8.36	109.11 4.02 -21.45	85.67 2.81 -24.31	64.47 1.91 -21.96	56.61 1.59 -18.90	50.77 1.73 -15.14	46.83 2.14 -10.76	43.29 2.71 -4.41
ASTORIA_GT2_2 24095	33.56 1.63 0.00	32.40 1.48 0.00	31.88 1.37 0.02	31.53 1.33 0.02	31.85 1.37 0.02	35.11 1.67 0.00	45.35 2.28 0.00	53.62 2.06 0.00	50.13 2.03 -1.00	49.31 2.42 -5.15	54.14 2.50 -7.06	50.65 2.50 -5.70	50.66 2.65 -6.01	49.77 2.60 -5.85	49.97 2.72 -5.43	50.69 2.70 -4.51	63.15 3.10 -8.36	109.11 4.02 -21.45	85.67 2.81 -24.31	64.47 1.91 -21.96	56.61 1.59 -18.90	50.77 1.73 -15.14	46.83 2.14 -10.76	43.29 2.71 -4.41
ASTORIA_GT2_3 24096	33.56 1.63 0.00	32.40 1.48 0.00	31.88 1.37 0.02	31.53 1.33 0.02	31.85 1.37 0.02	35.11 1.67 0.00	45.35 2.28 0.00	53.62 2.06 0.00	50.13 2.03 -1.00	49.31 2.42 -5.15	54.14 2.50 -7.06	50.65 2.50 -5.70	50.66 2.65 -6.01	49.77 2.60 -5.85	49.97 2.72 -5.43	50.69 2.70 -4.51	63.15 3.10 -8.36	109.11 4.02 -21.45	85.67 2.81 -24.31	64.47 1.91 -21.96	56.61 1.59 -18.90	50.77 1.73 -15.14	46.83 2.14 -10.76	43.29 2.71 -4.41
ASTORIA_GT2_4 24097	33.56 1.63 0.00	32.40 1.48 0.00	31.88 1.37 0.02	31.53 1.33 0.02	31.85 1.37 0.02	35.11 1.67 0.00	45.35 2.28 0.00	53.62 2.06 0.00	50.13 2.03 -1.00	49.31 2.42 -5.15	54.14 2.50 -7.06	50.65 2.50 -5.70	50.66 2.65 -6.01	49.77 2.60 -5.85	49.97 2.72 -5.43	50.69 2.70 -4.51	63.15 3.10 -8.36	109.11 4.02 -21.45	85.67 2.81 -24.31	64.47 1.91 -21.96	56.61 1.59 -18.90	50.77 1.73 -15.14	46.83 2.14 -10.76	43.29 2.71 -4.41
ASTORIA_GT3_1 24098	33.56 1.63 0.00	32.40 1.48 0.00	31.88 1.37 0.02	31.53 1.33 0.02	31.85 1.37 0.02	35.11 1.67 0.00	45.35 2.28 0.00	53.62 2.06 0.00	50.13 2.03 -1.00	49.31 2.42 -5.15	54.14 2.50 -7.06	50.65 2.50 -5.70	50.66 2.65 -6.01	49.77 2.60 -5.85	49.97 2.72 -5.43	50.69 2.70 -4.51	63.15 3.10 -8.36	109.11 4.02 -21.45	85.67 2.81 -24.31	64.47 1.91 -21.96	56.61 1.59 -18.90	50.77 1.73 -15.14	46.83 2.14 -10.76	43.29 2.71 -4.41
ASTORIA_GT3_2 24099	33.56 1.63 0.00	32.40 1.48 0.00	31.88 1.37 0.02	31.53 1.33 0.02	31.85 1.37 0.02	35.11 1.67 0.00	45.35 2.28 0.00	53.62 2.06 0.00	50.13 2.03 -1.00	49.31 2.42 -5.15	54.14 2.50 -7.06	50.65 2.50 -5.70	50.66 2.65 -6.01	49.77 2.60 -5.85	49.97 2.72 -5.43	50.69 2.70 -4.51	63.15 3.10 -8.36	109.11 4.02 -21.45	85.67 2.81 -24.31	64.47 1.91 -21.96	56.61 1.59 -18.90	50.77 1.73 -15.14	46.83 2.14 -10.76	43.29 2.71 -4.41
ASTORIA_GT3_3 24100	33.56 1.63 0.00	32.40 1.48 0.00	31.88 1.37 0.02	31.53 1.33 0.02	31.85 1.37 0.02	35.11 1.67 0.00	45.35 2.28 0.00	53.62 2.06 0.00	50.13 2.03 -1.00	49.31 2.42 -5.15	54.14 2.50 -7.06	50.65 2.50 -5.70	50.66 2.65 -6.01	49.77 2.60 -5.85	49.97 2.72 -5.43	50.69 2.70 -4.51	63.15 3.10 -8.36	109.11 4.02 -21.45	85.67 2.81 -24.31	64.47 1.91 -21.96	56.61 1.59 -18.90	50.77 1.73 -15.14	46.83 2.14 -10.76	43.29 2.71 -4.41
ASTORIA_GT3_4 24101	33.56 1.63 0.00	32.40 1.48 0.00	31.88 1.37 0.02	31.53 1.33 0.02	31.85 1.37 0.02	35.11 1.67 0.00	45.35 2.28 0.00	53.62 2.06 0.00	50.13 2.03 -1.00	49.31 2.42 -5.15	54.14 2.50 -7.06	50.65 2.50 -5.70	50.66 2.65 -6.01	49.77 2.60 -5.85	49.97 2.72 -5.43	50.69 2.70 -4.51	63.15 3.10 -8.36	109.11 4.02 -21.45	85.67 2.81 -24.31	64.47 1.91 -21.96	56.61 1.59 -18.90	50.77 1.73 -15.14	46.83 2.14 -10.76	43.29 2.71 -4.41
ASTORIA_GT4_1 24102	33.56 1.63 0.00	32.40 1.48 0.00	31.88 1.37 0.02	31.53 1.33 0.02	31.85 1.37 0.02	35.11 1.67 0.00	45.35 2.28 0.00	53.62 2.06 0.00	50.13 2.03 -1.00	49.31 2.42 -5.15	54.14 2.50 -7.06	50.65 2.50 -5.70	50.66 2.65 -6.01	49.77 2.60 -5.85	49.97 2.72 -5.43	50.69 2.70 -4.51	63.15 3.10 -8.36	109.11 4.02 -21.45	85.67 2.81 -24.31	64.47 1.91 -21.96	56.61 1.59 -18.90	50.77 1.73 -15.14	46.83 2.14 -10.76	43.29 2.71 -4.41
ASTORIA_GT4_2 24103	33.56 1.63 0.00	32.40 1.48 0.00	31.88 1.37 0.02	31.53 1.33 0.02	31.85 1.37 0.02	35.11 1.67 0.00	45.35 2.28 0.00	53.62 2.06 0.00	50.13 2.03 -1.00	49.31 2.42 -5.15	54.14 2.50 -7.06	50.65 2.50 -5.70	50.66 2.65 -6.01	49.77 2.60 -5.85	49.97 2.72 -5.43	50.69 2.70 -4.51	63.15 3.10 -8.36	109.11 4.02 -21.45	85.67 2.81 -24.31	64.47 1.91 -21.96	56.61 1.59 -18.90	50.77 1.73 -15.14	46.83 2.14 -10.76	43.29 2.71 -4.41
ASTORIA_GT4_3 24104	33.56 1.63 0.00	32.40 1.48 0.00	31.88 1.37 0.02	31.53 1.33 0.02	31.85 1.37 0.02	35.11 1.67 0.00	45.35 2.28 0.00	53.62 2.06 0.00	50.13 2.03 -1.00	49.31 2.42 -5.15	54.14 2.50 -7.06	50.65 2.50 -5.70	50.66 2.65 -6.01	49.77 2.60 -5.85	49.97 2.72 -5.43	50.69 2.70 -4.51	63.15 3.10 -8.36	109.11 4.02 -21.45	85.67 2.81 -24.31	64.47 1.91 -21.96	56.61 1.59 -18.90	50.77 1.73 -15.14	46.83 2.14 -10.76	43.29 2.71 -4.41
ASTORIA_GT4_4 24105	33.56 1.63 0.00	32.40 1.48 0.00	31.88 1.37 0.02	31.53 1.33 0.02	31.85 1.37 0.02	35.11 1.67 0.00	45.35 2.28 0.00	53.62 2.06 0.00	50.13 2.03 -1.00	49.31 2.42 -5.15	54.14 2.50 -7.06	50.65 2.50 -5.70	50.66 2.65 -6.01	49.77 2.60 -5.85	49.97 2.72 -5.43	50.69 2.70 -4.51	63.15 3.10 -8.36	109.11 4.02 -21.45	85.67 2.81 -24.31	64.47 1.91 -21.96	56.61 1.59 -18.90	50.77 1.73 -15.14	46.83 2.14 -10.76	43.29 2.71 -4.41
ASTORIA_GT_1 23523	33.63 1.69 -0.01	32.44 1.51 -0.01	31.95 1.43 0.01	31.57 1.36 0.01	31.98 1.49 0.01	35.17 1.74 0.00	45.47 2.41 0.01	53.71 2.16 0.01	50.21 2.12 -0.99	49.42 2.55 -5.14	54.31 2.67 -7.05	50.73 2.59 -5.70	50.74 2.73 -6.00	49.84 2.68 -5.84	50.04 2.80 -5.43	50.77 2.79 -4.51	63.35 3.31 -8.36	108.20 4.18 -20.37	84.95 2.93 -23.47	64.08 2.03 -21.45	56.68 1.66 -18.89	50.97 1.93 -15.14	46.89 2.20 -10.75	43.33 2.75 -4.41

ASTORIA_GT_10 24110	33.59 1.66 0.00	32.44 1.52 0.00	31.92 1.40 0.00	31.57 1.36 0.00	31.90 1.40 0.00	35.21 1.77 0.00	45.65 2.58 0.00	54.08 2.53 0.00	50.50 2.40 -1.00	49.60 2.71 -5.15	54.45 2.81 -7.06	50.91 2.76 -5.70	50.92 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.46 3.41 -8.36	109.61 4.52 -21.45	86.02 3.16 -24.31	64.71 2.15 -21.96	56.87 1.84 -18.90	51.01 1.97 -15.14	47.00 2.31 -10.76	43.26 2.68 -4.41
ASTORIA_GT_11 24225	33.59 1.66 0.00	32.44 1.52 0.00	31.92 1.40 0.00	31.57 1.36 0.00	31.90 1.40 0.00	35.21 1.77 0.00	45.65 2.58 0.00	54.08 2.53 0.00	50.50 2.40 -1.00	49.60 2.71 -5.15	54.45 2.81 -7.06	50.91 2.76 -5.70	50.92 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.46 3.41 -8.36	109.61 4.52 -21.45	86.02 3.16 -24.31	64.71 2.15 -21.96	56.87 1.84 -18.90	51.01 1.97 -15.14	47.00 2.31 -10.76	43.26 2.68 -4.41
ASTORIA_GT_12 24226	33.59 1.66 0.00	32.44 1.52 0.00	31.92 1.40 0.00	31.57 1.36 0.00	31.90 1.40 0.00	35.21 1.77 0.00	45.65 2.58 0.00	54.08 2.53 0.00	50.50 2.40 -1.00	49.60 2.71 -5.15	54.45 2.81 -7.06	50.91 2.76 -5.70	50.92 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.46 3.41 -8.36	109.61 4.52 -21.45	86.02 3.16 -24.31	64.71 2.15 -21.96	56.87 1.84 -18.90	51.01 1.97 -15.14	47.00 2.31 -10.76	43.26 2.68 -4.41
ASTORIA_GT_13 24227	33.59 1.66 0.00	32.44 1.52 0.00	31.92 1.40 0.00	31.57 1.36 0.00	31.90 1.40 0.00	35.21 1.77 0.00	45.65 2.58 0.00	54.08 2.53 0.00	50.50 2.40 -1.00	49.60 2.71 -5.15	54.45 2.81 -7.06	50.91 2.76 -5.70	50.92 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.46 3.41 -8.36	109.61 4.52 -21.45	86.02 3.16 -24.31	64.71 2.15 -21.96	56.87 1.84 -18.90	51.01 1.97 -15.14	47.00 2.31 -10.76	43.26 2.68 -4.41
ASTORIA_GT_5 24106	33.63 1.69 -0.01	32.44 1.51 -0.01	31.95 1.43 0.01	31.57 1.36 0.01	31.98 1.49 0.01	35.17 1.74 0.00	45.47 2.41 0.01	53.71 2.16 0.01	50.21 2.12 -0.99	49.42 2.55 -5.14	54.31 2.67 -7.05	50.73 2.59 -5.70	50.74 2.73 -6.00	49.84 2.68 -5.84	50.04 2.80 -5.43	50.77 2.79 -4.51	63.35 3.31 -8.36	108.20 4.18 -20.37	84.95 2.93 -23.47	64.08 2.03 -21.45	56.68 1.66 -18.89	50.97 1.93 -15.14	46.89 2.20 -10.75	43.33 2.75 -4.41
ASTORIA_GT_7 24107	33.63 1.69 -0.01	32.44 1.51 -0.01	31.95 1.43 0.01	31.57 1.36 0.01	31.98 1.49 0.01	35.17 1.74 0.00	45.47 2.41 0.01	53.71 2.16 0.01	50.21 2.12 -0.99	49.42 2.55 -5.14	54.31 2.67 -7.05	50.73 2.59 -5.70	50.74 2.73 -6.00	49.84 2.68 -5.84	50.04 2.80 -5.43	50.77 2.79 -4.51	63.35 3.31 -8.36	108.20 4.18 -20.37	84.95 2.93 -23.47	64.08 2.03 -21.45	56.68 1.66 -18.89	50.97 1.93 -15.14	46.89 2.20 -10.75	43.33 2.75 -4.41
ASTORIA_GT_8 24108	33.62 1.69 0.00	32.44 1.52 0.00	31.91 1.40 0.02	31.59 1.39 0.02	31.91 1.43 0.02	35.17 1.74 0.00	45.43 2.37 0.00	53.72 2.17 0.00	50.22 2.12 -1.00	49.39 2.50 -5.15	54.23 2.59 -7.06	50.70 2.55 -5.70	50.71 2.69 -6.01	49.85 2.69 -5.85	50.01 2.76 -5.43	50.77 2.78 -4.51	63.25 3.20 -8.36	109.28 4.18 -21.45	85.79 2.93 -24.31	64.55 1.99 -21.96	56.69 1.66 -18.90	50.84 1.80 -15.14	46.90 2.21 -10.76	43.33 2.75 -4.41
ASTORIA___2 24149	33.56 1.63 -0.01	32.38 1.45 -0.01	31.89 1.37 0.01	31.50 1.30 0.01	31.92 1.43 0.01	35.11 1.67 0.00	45.38 2.32 0.01	53.61 2.06 0.01	50.11 2.02 -0.99	49.34 2.46 -5.14	54.22 2.58 -7.05	50.65 2.50 -5.70	50.66 2.65 -6.00	49.76 2.60 -5.84	49.96 2.72 -5.43	50.68 2.70 -4.51	63.25 3.21 -8.36	108.04 4.01 -20.37	84.83 2.81 -23.47	64.00 1.95 -21.45	56.60 1.59 -18.89	50.90 1.86 -15.14	46.82 2.14 -10.75	43.26 2.68 -4.41
ASTORIA___3 23516	33.59 1.66 0.00	32.40 1.48 0.00	31.93 1.40 0.00	31.54 1.33 0.00	31.96 1.46 0.00	35.21 1.77 0.00	45.65 2.58 0.00	54.08 2.53 0.00	50.45 2.35 -0.99	49.64 2.75 -5.15	54.54 2.90 -7.06	50.95 2.80 -5.70	50.96 2.94 -6.01	50.06 2.89 -5.85	50.26 3.01 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.19 3.16 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.11 2.07 -15.14	47.00 2.31 -10.76	43.22 2.64 -4.41
ASTORIA___4 23517	33.59 1.66 0.00	32.44 1.52 0.00	31.92 1.40 0.00	31.57 1.36 0.00	31.90 1.40 0.00	35.21 1.77 0.00	45.65 2.58 0.00	54.08 2.53 0.00	50.50 2.40 -1.00	49.60 2.71 -5.15	54.45 2.81 -7.06	50.91 2.76 -5.70	50.92 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.46 3.41 -8.36	109.61 4.52 -21.45	86.02 3.16 -24.31	64.71 2.15 -21.96	56.87 1.84 -18.90	51.01 1.97 -15.14	47.00 2.31 -10.76	43.26 2.68 -4.41
ASTORIA___5 23518	33.59 1.66 0.00	32.40 1.48 0.00	31.93 1.40 0.00	31.54 1.33 0.00	31.96 1.46 0.00	35.21 1.77 0.00	45.65 2.58 0.00	54.08 2.53 0.00	50.45 2.35 -0.99	49.64 2.75 -5.15	54.54 2.90 -7.06	50.95 2.80 -5.70	50.96 2.94 -6.01	50.06 2.89 -5.85	50.26 3.01 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.19 3.16 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.11 2.07 -15.14	47.00 2.31 -10.76	43.22 2.64 -4.41
AST_ENERGY_2_CC3 323677	33.40 1.47 0.00	32.22 1.30 0.00	31.74 1.22 0.00	31.36 1.15 0.00	31.81 1.31 0.00	35.11 1.67 0.00	45.61 2.54 0.00	54.08 2.53 0.00	50.45 2.35 -1.00	49.65 2.75 -5.15	54.59 2.94 -7.07	51.00 2.84 -5.71	51.01 2.98 -6.01	50.11 2.93 -5.85	50.31 3.05 -5.44	50.99 3.00 -4.52	63.67 3.62 -8.37	108.64 4.60 -20.40	85.31 3.28 -23.49	64.38 2.31 -21.47	56.94 1.91 -18.90	51.00 1.97 -15.14	46.96 2.27 -10.76	43.04 2.46 -4.41
AST_ENERGY_2_CC4 323678	33.40 1.47 0.00	32.22 1.30 0.00	31.74 1.22 0.00	31.36 1.15 0.00	31.81 1.31 0.00	35.11 1.67 0.00	45.61 2.54 0.00	54.08 2.53 0.00	50.45 2.35 -1.00	49.65 2.75 -5.15	54.59 2.94 -7.07	51.00 2.84 -5.71	51.01 2.98 -6.01	50.11 2.93 -5.85	50.31 3.05 -5.44	50.99 3.00 -4.52	63.67 3.62 -8.37	108.64 4.60 -20.40	85.31 3.28 -23.49	64.38 2.31 -21.47	56.94 1.91 -18.90	51.00 1.97 -15.14	46.96 2.27 -10.76	43.04 2.46 -4.41
ATHENS_STG_1 23668	32.79 0.86 0.00	31.72 0.80 0.00	31.31 0.79 0.00	30.97 0.76 0.00	31.35 0.85 0.00	34.44 1.00 0.00	44.61 1.55 0.00	53.00 1.44 0.00	48.86 1.37 -0.39	45.40 1.63 -2.04	49.39 2.01 -2.80	46.62 1.91 -2.26	46.32 1.93 -2.38	45.54 1.90 -2.32	45.93 1.97 -2.15	47.31 2.04 -1.79	57.33 2.33 -3.31	101.14 3.10 -14.39	80.02 2.22 -19.25	61.58 1.63 -19.35	57.57 1.45 -19.99	51.31 1.39 -16.01	46.84 1.53 -11.38	42.50 1.66 -4.67
ATHENS_STG_2 23670	32.79 0.86 0.00	31.72 0.80 0.00	31.31 0.79 0.00	30.97 0.76 0.00	31.35 0.85 0.00	34.44 1.00 0.00	44.61 1.55 0.00	53.00 1.44 0.00	48.86 1.37 -0.39	45.40 1.63 -2.04	49.39 2.01 -2.80	46.62 1.91 -2.26	46.32 1.93 -2.38	45.54 1.90 -2.32	45.93 1.97 -2.15	47.31 2.04 -1.79	57.33 2.33 -3.31	101.14 3.10 -14.39	80.02 2.22 -19.25	61.58 1.63 -19.35	57.57 1.45 -19.99	51.31 1.39 -16.01	46.84 1.53 -11.38	42.50 1.66 -4.67

ATHENS_STG_3 23677	32.79 0.86 0.00	31.72 0.80 0.00	31.31 0.79 0.00	30.97 0.76 0.00	31.35 0.85 0.00	34.44 1.00 0.00	44.61 1.55 0.00	53.00 1.44 0.00	48.86 1.37 -0.39	45.40 1.63 -2.04	49.39 2.01 -2.80	46.62 1.91 -2.26	46.32 1.93 -2.38	45.54 1.90 -2.32	45.93 1.97 -2.15	47.31 2.04 -1.79	57.33 2.33 -3.31	101.14 3.10 -14.39	80.02 2.22 -19.25	61.58 1.63 -19.35	57.57 1.45 -19.99	51.31 1.39 -16.01	46.84 1.53 -11.38	42.50 1.66 -4.67
AUBURN___LFGE 323710	31.99 0.06 0.00	30.95 0.03 0.00	30.55 0.03 0.00	30.24 0.03 0.00	30.53 0.03 0.00	33.54 0.10 0.00	43.24 0.17 0.00	51.55 0.00 0.00	47.24 0.19 0.04	41.81 0.38 0.30	44.35 0.18 0.41	42.28 0.17 0.34	41.83 0.17 0.35	41.14 0.17 0.34	41.58 0.08 0.32	43.34 0.13 0.27	51.61 0.41 0.49	85.99 0.84 -1.51	62.31 0.76 -3.00	44.73 0.57 -3.56	41.05 0.40 -4.53	37.80 0.27 -3.63	36.55 0.03 -2.58	37.34 0.11 -1.06
BABYLON_RES_REC 323704	34.65 2.71 -0.01	33.27 2.35 0.00	32.75 2.23 0.00	32.33 2.11 0.00	32.84 2.35 0.00	36.42 2.97 -0.01	48.82 4.26 -1.49	55.16 3.61 0.00	51.57 3.49 -0.99	50.80 3.92 -5.14	58.30 4.64 -9.07	55.17 4.46 -8.27	52.42 4.41 -6.00	58.58 4.38 -12.88	58.81 4.60 -12.40	61.97 4.52 -13.97	73.42 4.81 -16.93	110.29 6.28 -20.36	110.78 4.45 -47.78	78.20 3.17 -34.43	78.20 2.74 -39.33	63.93 2.78 -27.25	56.68 3.60 -19.15	47.71 3.83 -7.70
BABYLON__69_KV_BK2 356345	35.10 3.16 -0.01	33.80 2.88 0.00	33.24 2.72 0.00	32.84 2.63 0.00	33.27 2.78 0.00	36.92 3.48 -0.01	49.35 4.82 -1.46	55.89 4.33 0.00	52.53 4.43 -1.00	51.34 4.47 -5.14	58.83 5.22 -9.03	55.71 5.05 -8.21	53.01 5.00 -6.00	59.14 5.08 -12.74	59.30 5.23 -12.25	62.42 5.17 -13.77	74.38 5.94 -16.75	113.86 8.78 -21.43	112.92 6.26 -48.11	79.56 4.30 -34.66	78.79 3.76 -38.90	64.49 3.59 -26.99	57.08 4.14 -19.00	48.23 4.41 -7.64
BALL_HILL_WT_PWR 323825	32.66 0.73 0.00	31.82 0.90 0.00	31.50 0.98 0.00	31.18 0.97 0.00	31.41 0.91 0.00	34.21 0.77 0.00	42.89 -0.17 0.00	50.52 -1.03 0.00	46.09 -0.94 0.07	41.10 -0.29 0.35	42.73 -1.38 0.47	40.87 -1.19 0.38	40.35 -1.26 0.40	39.77 -1.16 0.39	39.95 -1.50 0.37	41.87 -1.30 0.30	49.67 -1.45 0.56	83.36 -2.25 -1.96	60.79 -1.46 -3.70	44.15 -0.77 -4.33	40.84 -0.69 -5.40	37.11 -1.12 -4.33	35.89 -1.12 -3.07	37.03 -0.40 -1.26
BARON_WINDS___WT_PWR 323822	32.79 0.86 0.00	31.85 0.93 0.00	31.50 0.98 0.00	31.18 0.97 0.00	31.44 0.95 0.00	34.34 0.90 0.00	43.45 0.39 0.00	51.45 -0.10 0.00	46.88 -0.14 0.08	41.72 0.37 0.39	43.64 -0.40 0.54	41.76 -0.25 0.44	41.21 -0.34 0.46	40.58 -0.29 0.45	40.85 -0.54 0.42	42.78 -0.35 0.35	50.84 -0.21 0.64	85.65 -0.42 -2.42	62.98 -0.12 -4.55	46.00 0.08 -5.31	42.97 0.22 -6.63	39.07 -0.14 -5.31	37.47 -0.24 -3.77	38.00 0.29 -1.55
BARRETT_IC_1 23704	34.27 2.33 -0.02	32.96 2.04 0.00	32.44 1.92 0.00	32.06 1.84 0.00	32.54 2.04 0.00	35.99 2.54 -0.02	48.05 3.62 -1.37	54.76 3.20 -0.01	51.15 3.06 -0.99	50.38 3.51 -5.14	57.37 3.88 -8.91	54.24 3.74 -8.06	51.93 3.91 -6.01	57.36 3.72 -12.32	57.50 3.84 -11.84	60.47 3.78 -13.21	153.06 4.45 -96.93	109.70 5.69 -20.36	108.19 3.80 -45.83	76.79 2.80 -33.39	76.34 2.53 -37.69	77.21 2.54 -40.76	54.89 2.95 -18.01	46.57 3.15 -7.26
BARRETT_IC_10 23701	34.27 2.33 -0.02	32.96 2.04 0.00	32.44 1.92 0.00	32.06 1.84 0.00	32.54 2.04 0.00	35.99 2.54 -0.02	48.05 3.62 -1.37	54.76 3.20 -0.01	51.15 3.06 -0.99	50.38 3.51 -5.14	57.37 3.88 -8.91	54.24 3.74 -8.06	51.93 3.91 -6.01	57.36 3.72 -12.32	57.50 3.84 -11.84	60.47 3.78 -13.21	153.06 4.45 -96.93	109.70 5.69 -20.36	108.19 3.80 -45.83	76.79 2.80 -33.39	76.34 2.53 -37.69	77.21 2.54 -40.76	54.89 2.95 -18.01	46.57 3.15 -7.26
BARRETT_IC_11 23702	34.27 2.33 -0.02	32.96 2.04 0.00	32.44 1.92 0.00	32.06 1.84 0.00	32.54 2.04 0.00	35.99 2.54 -0.02	48.05 3.62 -1.37	54.76 3.20 -0.01	51.15 3.06 -0.99	50.38 3.51 -5.14	57.37 3.88 -8.91	54.24 3.74 -8.06	51.93 3.91 -6.01	57.36 3.72 -12.32	57.50 3.84 -11.84	60.47 3.78 -13.21	153.06 4.45 -96.93	109.70 5.69 -20.36	108.19 3.80 -45.83	76.79 2.80 -33.39	76.34 2.53 -37.69	77.21 2.54 -40.76	54.89 2.95 -18.01	46.57 3.15 -7.26
BARRETT_IC_12 23703	34.27 2.33 -0.02	32.96 2.04 0.00	32.44 1.92 0.00	32.06 1.84 0.00	32.54 2.04 0.00	35.99 2.54 -0.02	48.05 3.62 -1.37	54.76 3.20 -0.01	51.15 3.06 -0.99	50.38 3.51 -5.14	57.37 3.88 -8.91	54.24 3.74 -8.06	51.93 3.91 -6.01	57.36 3.72 -12.32	57.50 3.84 -11.84	60.47 3.78 -13.21	153.06 4.45 -96.93	109.70 5.69 -20.36	108.19 3.80 -45.83	76.79 2.80 -33.39	76.34 2.53 -37.69	77.21 2.54 -40.76	54.89 2.95 -18.01	46.57 3.15 -7.26
BARRETT_IC_2 23705	34.27 2.33 -0.02	32.96 2.04 0.00	32.44 1.92 0.00	32.06 1.84 0.00	32.54 2.04 0.00	35.99 2.54 -0.02	48.05 3.62 -1.37	54.76 3.20 -0.01	51.15 3.06 -0.99	50.38 3.51 -5.14	57.37 3.88 -8.91	54.24 3.74 -8.06	51.93 3.91 -6.01	57.36 3.72 -12.32	57.50 3.84 -11.84	60.47 3.78 -13.21	153.06 4.45 -96.93	109.70 5.69 -20.36	108.19 3.80 -45.83	76.79 2.80 -33.39	76.34 2.53 -37.69	77.21 2.54 -40.76	54.89 2.95 -18.01	46.57 3.15 -7.26
BARRETT_IC_3 23706	34.27 2.33 -0.02	32.96 2.04 0.00	32.44 1.92 0.00	32.06 1.84 0.00	32.54 2.04 0.00	35.99 2.54 -0.02	48.05 3.62 -1.37	54.76 3.20 -0.01	51.15 3.06 -0.99	50.38 3.51 -5.14	57.37 3.88 -8.91	54.24 3.74 -8.06	51.93 3.91 -6.01	57.36 3.72 -12.32	57.50 3.84 -11.84	60.47 3.78 -13.21	153.06 4.45 -96.93	109.70 5.69 -20.36	108.19 3.80 -45.83	76.79 2.80 -33.39	76.34 2.53 -37.69	77.21 2.54 -40.76	54.89 2.95 -18.01	46.57 3.15 -7.26
BARRETT_IC_4 23707	34.27 2.33 -0.02	32.96 2.04 0.00	32.44 1.92 0.00	32.06 1.84 0.00	32.54 2.04 0.00	35.99 2.54 -0.02	48.05 3.62 -1.37	54.76 3.20 -0.01	51.15 3.06 -0.99	50.38 3.51 -5.14	57.37 3.88 -8.91	54.24 3.74 -8.06	51.93 3.91 -6.01	57.36 3.72 -12.32	57.50 3.84 -11.84	60.47 3.78 -13.21	153.06 4.45 -96.93	109.70 5.69 -20.36	108.19 3.80 -45.83	76.79 2.80 -33.39	76.34 2.53 -37.69	77.21 2.54 -40.76	54.89 2.95 -18.01	46.57 3.15 -7.26
BARRETT_IC_5 23708	34.27 2.33 -0.02	32.96 2.04 0.00	32.44 1.92 0.00	32.06 1.84 0.00	32.54 2.04 0.00	35.99 2.54 -0.02	48.05 3.62 -1.37	54.76 3.20 -0.01	51.15 3.06 -0.99	50.38 3.51 -5.14	57.37 3.88 -8.91	54.24 3.74 -8.06	51.93 3.91 -6.01	57.36 3.72 -12.32	57.50 3.84 -11.84	60.47 3.78 -13.21	153.06 4.45 -96.93	109.70 5.69 -20.36	108.19 3.80 -45.83	76.79 2.80 -33.39	76.34 2.53 -37.69	77.21 2.54 -40.76	54.89 2.95 -18.01	46.57 3.15 -7.26
BARRETT_IC_6 23709	34.27 2.33 -0.02	32.96 2.04 0.00	32.44 1.92 0.00	32.06 1.84 0.00	32.54 2.04 0.00	35.99 2.54 -0.02	48.05 3.62 -1.37	54.76 3.20 -0.01	51.15 3.06 -0.99	50.38 3.51 -5.14	57.37 3.88 -8.91	54.24 3.74 -8.06	51.93 3.91 -6.01	57.36 3.72 -12.32	57.50 3.84 -11.84	60.47 3.78 -13.21	153.06 4.45 -96.93	109.70 5.69 -20.36	108.19 3.80 -45.83	76.79 2.80 -33.39	76.34 2.53 -37.69	77.21 2.54 -40.76	54.89 2.95 -18.01	46.57 3.15 -7.26

BARRETT_IC_7 23710	34.28 2.33 -0.02	33.02 2.10 0.00	32.50 1.98 0.00	32.15 1.93 0.00	32.54 2.04 0.00	35.96 2.51 -0.02	47.84 3.40 -1.37	54.81 3.25 -0.01	51.39 3.30 -1.00	50.34 3.46 -5.14	57.33 3.83 -8.91	54.20 3.69 -8.06	51.88 3.87 -6.01	57.35 3.72 -12.32	57.50 3.85 -11.84	60.47 3.78 -13.21	152.95 4.34 -96.93	110.77 5.69 -21.43	109.02 3.81 -46.66	77.25 2.76 -33.89	76.38 2.56 -37.69	77.21 2.54 -40.76	54.93 2.99 -18.01	46.61 3.18 -7.26
BARRETT_IC_8 23711	34.27 2.33 -0.02	32.96 2.04 0.00	32.44 1.92 0.00	32.06 1.84 0.00	32.54 2.04 0.00	35.99 2.54 -0.02	48.05 3.62 -1.37	54.76 3.20 -0.01	51.15 3.06 -0.99	50.38 3.51 -5.14	57.37 3.88 -8.91	54.24 3.74 -8.06	51.93 3.91 -6.01	57.36 3.72 -12.32	57.50 3.84 -11.84	60.47 3.78 -13.21	153.06 4.45 -96.93	109.70 5.69 -20.36	108.19 3.80 -45.83	76.79 2.80 -33.39	76.34 2.53 -37.69	77.21 2.54 -40.76	54.89 2.95 -18.01	46.57 3.15 -7.26
BARRETT_IC_9 23700	34.27 2.33 -0.02	32.96 2.04 0.00	32.44 1.92 0.00	32.06 1.84 0.00	32.54 2.04 0.00	35.99 2.54 -0.02	48.05 3.62 -1.37	54.76 3.20 -0.01	51.15 3.06 -0.99	50.38 3.51 -5.14	57.37 3.88 -8.91	54.24 3.74 -8.06	51.93 3.91 -6.01	57.36 3.72 -12.32	57.50 3.84 -11.84	60.47 3.78 -13.21	153.06 4.45 -96.93	109.70 5.69 -20.36	108.19 3.80 -45.83	76.79 2.80 -33.39	76.34 2.53 -37.69	77.21 2.54 -40.76	54.89 2.95 -18.01	46.57 3.15 -7.26
BARRETT___1 23545	34.27 2.33 -0.02	32.96 2.04 0.00	32.44 1.92 0.00	32.06 1.84 0.00	32.54 2.04 0.00	35.99 2.54 -0.02	48.05 3.62 -1.37	54.76 3.20 -0.01	51.15 3.06 -0.99	50.38 3.51 -5.14	57.37 3.88 -8.91	54.24 3.74 -8.06	51.93 3.91 -6.01	57.36 3.72 -12.32	57.50 3.84 -11.84	60.47 3.78 -13.21	153.06 4.45 -96.93	109.70 5.69 -20.36	108.19 3.80 -45.83	76.79 2.80 -33.39	76.34 2.53 -37.69	77.21 2.54 -40.76	54.89 2.95 -18.01	46.57 3.15 -7.26
BARRETT___2 23546	34.27 2.33 -0.02	32.96 2.04 0.00	32.44 1.92 0.00	32.06 1.84 0.00	32.54 2.04 0.00	35.99 2.54 -0.02	48.05 3.62 -1.37	54.76 3.20 -0.01	51.15 3.06 -0.99	50.38 3.51 -5.14	57.37 3.88 -8.91	54.24 3.74 -8.06	51.93 3.91 -6.01	57.36 3.72 -12.32	57.50 3.84 -11.84	60.47 3.78 -13.21	153.06 4.45 -96.93	109.70 5.69 -20.36	108.19 3.80 -45.83	76.79 2.80 -33.39	76.34 2.53 -37.69	77.21 2.54 -40.76	54.89 2.95 -18.01	46.57 3.15 -7.26
BATAVIA___115KV_TB1 55881	32.41 0.48 0.00	31.48 0.56 0.00	31.13 0.61 0.00	30.73 0.51 0.00	30.98 0.49 0.00	33.90 0.47 0.00	42.42 -0.65 0.00	49.96 -1.60 0.00	46.16 -0.89 0.05	40.95 -0.46 0.32	42.85 -1.29 0.45	40.77 -1.32 0.36	40.29 -1.34 0.38	39.71 -1.24 0.37	39.84 -1.63 0.34	41.76 -1.43 0.28	49.76 -1.40 0.53	83.09 -2.17 -1.62	60.24 -1.52 -3.22	43.70 -0.73 -3.83	40.16 -0.83 -4.86	36.68 -1.12 -3.90	35.68 -1.02 -2.77	36.65 -0.65 -1.13
BAYONEEC___CTG1 323682	33.43 1.50 0.00	32.25 1.33 0.00	31.80 1.28 0.00	31.42 1.21 0.00	31.84 1.34 0.00	35.14 1.70 0.00	45.74 2.67 0.00	54.18 2.63 0.00	50.54 2.45 -1.00	49.73 2.84 -5.15	54.64 2.99 -7.07	51.04 2.89 -5.71	51.05 3.03 -6.01	50.15 2.98 -5.85	50.35 3.09 -5.44	50.99 3.00 -4.52	63.73 3.67 -8.37	108.73 4.68 -20.40	85.37 3.34 -23.49	64.38 2.31 -21.47	56.94 1.91 -18.90	51.04 2.00 -15.14	47.00 2.31 -10.76	43.04 2.46 -4.41
BAYONEEC___CTG10 323750	33.43 1.50 0.00	32.25 1.33 0.00	31.80 1.28 0.00	31.42 1.21 0.00	31.84 1.34 0.00	35.14 1.70 0.00	45.74 2.67 0.00	54.18 2.63 0.00	50.54 2.45 -1.00	49.73 2.84 -5.15	54.64 2.99 -7.07	51.04 2.89 -5.71	51.05 3.03 -6.01	50.15 2.98 -5.85	50.35 3.09 -5.44	50.99 3.00 -4.52	63.73 3.67 -8.37	108.73 4.68 -20.40	85.37 3.34 -23.49	64.38 2.31 -21.47	56.94 1.91 -18.90	51.04 2.00 -15.14	47.00 2.31 -10.76	43.04 2.46 -4.41
BAYONEEC___CTG2 323683	33.43 1.50 0.00	32.25 1.33 0.00	31.80 1.28 0.00	31.42 1.21 0.00	31.84 1.34 0.00	35.14 1.70 0.00	45.74 2.67 0.00	54.18 2.63 0.00	50.54 2.45 -1.00	49.73 2.84 -5.15	54.64 2.99 -7.07	51.04 2.89 -5.71	51.05 3.03 -6.01	50.15 2.98 -5.85	50.35 3.09 -5.44	50.99 3.00 -4.52	63.73 3.67 -8.37	108.73 4.68 -20.40	85.37 3.34 -23.49	64.38 2.31 -21.47	56.94 1.91 -18.90	51.04 2.00 -15.14	47.00 2.31 -10.76	43.04 2.46 -4.41
BAYONEEC___CTG3 323684	33.43 1.50 0.00	32.25 1.33 0.00	31.80 1.28 0.00	31.42 1.21 0.00	31.84 1.34 0.00	35.14 1.70 0.00	45.74 2.67 0.00	54.18 2.63 0.00	50.54 2.45 -1.00	49.73 2.84 -5.15	54.64 2.99 -7.07	51.04 2.89 -5.71	51.05 3.03 -6.01	50.15 2.98 -5.85	50.35 3.09 -5.44	50.99 3.00 -4.52	63.73 3.67 -8.37	108.73 4.68 -20.40	85.37 3.34 -23.49	64.38 2.31 -21.47	56.94 1.91 -18.90	51.04 2.00 -15.14	47.00 2.31 -10.76	43.04 2.46 -4.41
BAYONEEC___CTG4 323685	33.43 1.50 0.00	32.25 1.33 0.00	31.80 1.28 0.00	31.42 1.21 0.00	31.84 1.34 0.00	35.14 1.70 0.00	45.74 2.67 0.00	54.18 2.63 0.00	50.54 2.45 -1.00	49.73 2.84 -5.15	54.64 2.99 -7.07	51.04 2.89 -5.71	51.05 3.03 -6.01	50.15 2.98 -5.85	50.35 3.09 -5.44	50.99 3.00 -4.52	63.73 3.67 -8.37	108.73 4.68 -20.40	85.37 3.34 -23.49	64.38 2.31 -21.47	56.94 1.91 -18.90	51.04 2.00 -15.14	47.00 2.31 -10.76	43.04 2.46 -4.41
BAYONEEC___CTG5 323686	33.43 1.50 0.00	32.25 1.33 0.00	31.80 1.28 0.00	31.42 1.21 0.00	31.84 1.34 0.00	35.14 1.70 0.00	45.74 2.67 0.00	54.18 2.63 0.00	50.54 2.45 -1.00	49.73 2.84 -5.15	54.64 2.99 -7.07	51.04 2.89 -5.71	51.05 3.03 -6.01	50.15 2.98 -5.85	50.35 3.09 -5.44	50.99 3.00 -4.52	63.73 3.67 -8.37	108.73 4.68 -20.40	85.37 3.34 -23.49	64.38 2.31 -21.47	56.94 1.91 -18.90	51.04 2.00 -15.14	47.00 2.31 -10.76	43.04 2.46 -4.41
BAYONEEC___CTG6 323687	33.43 1.50 0.00	32.25 1.33 0.00	31.80 1.28 0.00	31.42 1.21 0.00	31.84 1.34 0.00	35.14 1.70 0.00	45.74 2.67 0.00	54.18 2.63 0.00	50.54 2.45 -1.00	49.73 2.84 -5.15	54.64 2.99 -7.07	51.04 2.89 -5.71	51.05 3.03 -6.01	50.15 2.98 -5.85	50.35 3.09 -5.44	50.99 3.00 -4.52	63.73 3.67 -8.37	108.73 4.68 -20.40	85.37 3.34 -23.49	64.38 2.31 -21.47	56.94 1.91 -18.90	51.04 2.00 -15.14	47.00 2.31 -10.76	43.04 2.46 -4.41
BAYONEEC___CTG7 323688	33.43 1.50 0.00	32.25 1.33 0.00	31.80 1.28 0.00	31.42 1.21 0.00	31.84 1.34 0.00	35.14 1.70 0.00	45.74 2.67 0.00	54.18 2.63 0.00	50.54 2.45 -1.00	49.73 2.84 -5.15	54.64 2.99 -7.07	51.04 2.89 -5.71	51.05 3.03 -6.01	50.15 2.98 -5.85	50.35 3.09 -5.44	50.99 3.00 -4.52	63.73 3.67 -8.37	108.73 4.68 -20.40	85.37 3.34 -23.49	64.38 2.31 -21.47	56.94 1.91 -18.90	51.04 2.00 -15.14	47.00 2.31 -10.76	43.04 2.46 -4.41
BAYONEEC___CTG8 323689	33.43 1.50 0.00	32.25 1.33 0.00	31.80 1.28 0.00	31.42 1.21 0.00	31.84 1.34 0.00	35.14 1.70 0.00	45.74 2.67 0.00	54.18 2.63 0.00	50.54 2.45 -1.00	49.73 2.84 -5.15	54.64 2.99 -7.07	51.04 2.89 -5.71	51.05 3.03 -6.01	50.15 2.98 -5.85	50.35 3.09 -5.44	50.99 3.00 -4.52	63.73 3.67 -8.37	108.73 4.68 -20.40	85.37 3.34 -23.49	64.38 2.31 -21.47	56.94 1.91 -18.90	51.04 2.00 -15.14	47.00 2.31 -10.76	43.04 2.46 -4.41

BAYONEEC___CTG9 323749	33.43 1.50 0.00	32.25 1.33 0.00	31.80 1.28 0.00	31.42 1.21 0.00	31.84 1.34 0.00	35.14 1.70 0.00	45.74 2.67 0.00	54.18 2.63 0.00	50.54 2.45 -1.00	49.73 2.84 -5.15	54.64 2.99 -7.07	51.04 2.89 -5.71	51.05 3.03 -6.01	50.15 2.98 -5.85	50.35 3.09 -5.44	50.99 3.00 -4.52	63.73 3.67 -8.37	108.73 4.68 -20.40	85.37 3.34 -23.49	64.38 2.31 -21.47	56.94 1.91 -18.90	51.04 2.00 -15.14	47.00 2.31 -10.76	43.04 2.46 -4.41
BEACON___LESR 323632	32.53 0.61 0.00	31.54 0.62 0.00	31.16 0.64 0.00	30.82 0.60 0.00	31.20 0.70 0.00	34.17 0.73 0.00	44.40 1.34 0.00	52.84 1.29 0.00	48.68 1.32 -0.27	44.79 1.67 -1.38	49.29 2.81 -1.90	46.61 2.63 -1.53	46.14 2.52 -1.61	45.37 2.48 -1.57	45.83 2.55 -1.46	47.48 2.79 -1.21	57.29 3.36 -2.25	110.66 5.19 -21.83	93.99 3.57 -31.87	76.67 2.52 -33.55	75.38 2.28 -36.98	65.63 2.10 -29.62	57.09 2.10 -21.05	46.97 2.17 -8.63
BEAVER RIVER___HYD 24048	31.74 -0.19 0.00	30.71 -0.21 0.00	30.28 -0.25 0.00	30.00 -0.21 0.00	30.22 -0.28 0.00	33.07 -0.37 0.00	42.81 -0.26 0.00	51.61 0.05 0.00	47.10 0.00 0.00	41.57 -0.17 0.00	44.28 -0.31 0.00	42.06 -0.38 0.00	41.55 -0.46 0.00	40.99 -0.33 0.00	41.57 -0.25 0.00	43.43 -0.04 0.00	51.89 0.21 0.00	84.93 0.59 -0.69	59.89 0.24 -1.11	41.98 0.16 -1.22	37.65 0.11 -1.41	35.14 0.10 -1.13	34.61 -0.14 -0.81	36.28 -0.22 -0.33
BEEBEE_GT_13 23619	31.74 -0.19 0.00	30.77 -0.15 0.00	30.40 -0.12 0.00	30.03 -0.18 0.00	30.31 -0.18 0.00	33.20 -0.23 0.00	42.20 -0.86 0.00	49.96 -1.60 0.00	46.11 -0.94 0.04	40.89 -0.54 0.31	43.05 -1.11 0.42	41.04 -1.06 0.34	40.56 -1.09 0.36	39.94 -1.03 0.35	40.19 -1.30 0.33	42.03 -1.17 0.27	50.05 -1.14 0.50	83.35 -1.76 -1.46	60.30 -1.17 -2.92	43.48 -0.61 -3.49	39.89 -0.69 -4.45	36.62 -0.85 -3.56	35.48 -0.98 -2.53	36.34 -0.87 -1.04
BENSHRST_27_KV_BENSHRST_1 355998	33.81 1.88 0.00	32.62 1.70 0.00	32.08 1.56 0.00	31.73 1.51 0.00	32.05 1.56 0.00	35.38 1.94 0.00	45.91 2.84 0.00	54.44 2.89 0.00	50.83 2.73 -1.00	49.93 3.05 -5.15	54.72 3.08 -7.06	51.08 2.93 -5.70	51.08 3.07 -6.01	50.18 3.02 -5.85	50.39 3.14 -5.43	51.12 3.13 -4.51	63.61 3.57 -8.36	109.95 4.85 -21.45	86.31 3.45 -24.31	64.87 2.31 -21.96	57.01 1.99 -18.90	51.11 2.07 -15.14	47.10 2.41 -10.76	43.29 2.71 -4.41
BETHLEHEM___GRP 23843	31.93 0.00 0.00	30.95 0.03 0.00	30.58 0.06 0.00	30.27 0.06 0.00	30.56 0.06 0.00	33.50 0.07 0.00	43.37 0.30 0.00	51.61 0.05 0.00	47.51 0.14 -0.27	43.70 0.58 -1.38	48.31 1.83 -1.90	45.72 1.74 -1.53	45.35 1.72 -1.61	44.62 1.74 -1.57	45.07 1.80 -1.46	46.60 1.91 -1.21	56.10 2.17 -2.25	108.16 3.26 -21.25	92.17 2.34 -31.28	75.32 1.66 -33.06	74.27 1.52 -36.62	64.63 1.39 -29.33	56.24 1.46 -20.84	46.31 1.59 -8.55
BETHLEHEM___GS1 323560	31.93 0.00 0.00	30.95 0.03 0.00	30.58 0.06 0.00	30.28 0.06 0.00	30.62 0.12 0.00	33.50 0.07 0.00	43.37 0.30 0.00	51.61 0.05 0.00	47.55 0.19 -0.27	43.75 0.63 -1.38	48.35 1.87 -1.90	45.72 1.74 -1.53	45.39 1.76 -1.61	44.62 1.74 -1.57	45.07 1.80 -1.46	46.60 1.91 -1.21	56.15 2.22 -2.25	108.55 3.26 -21.64	92.48 2.34 -31.58	75.50 1.67 -33.24	74.23 1.48 -36.62	64.63 1.39 -29.33	56.24 1.46 -20.84	46.31 1.59 -8.55
BETHLEHEM___GS2 323561	31.93 0.00 0.00	30.95 0.03 0.00	30.58 0.06 0.00	30.28 0.06 0.00	30.62 0.12 0.00	33.50 0.07 0.00	43.37 0.30 0.00	51.61 0.05 0.00	47.55 0.19 -0.27	43.75 0.63 -1.38	48.35 1.87 -1.90	45.72 1.74 -1.53	45.39 1.76 -1.61	44.62 1.74 -1.57	45.07 1.80 -1.46	46.60 1.91 -1.21	56.15 2.22 -2.25	108.55 3.26 -21.64	92.48 2.34 -31.58	75.50 1.67 -33.24	74.23 1.48 -36.62	64.63 1.39 -29.33	56.24 1.46 -20.84	46.31 1.59 -8.55
BETHLEHEM___GS3 323562	31.93 0.00 0.00	30.95 0.03 0.00	30.58 0.06 0.00	30.28 0.06 0.00	30.62 0.12 0.00	33.50 0.07 0.00	43.37 0.30 0.00	51.61 0.05 0.00	47.55 0.19 -0.27	43.75 0.63 -1.38	48.35 1.87 -1.90	45.72 1.74 -1.53	45.39 1.76 -1.61	44.62 1.74 -1.57	45.07 1.80 -1.46	46.60 1.91 -1.21	56.15 2.22 -2.25	108.55 3.26 -21.64	92.48 2.34 -31.58	75.50 1.67 -33.24	74.23 1.48 -36.62	64.63 1.39 -29.33	56.24 1.46 -20.84	46.31 1.59 -8.55
BETHLEHEM___STEEL 23779	32.63 0.70 0.00	31.76 0.83 0.00	31.44 0.92 0.00	31.03 0.82 0.00	31.29 0.79 0.00	34.17 0.74 0.00	42.68 -0.39 0.00	50.06 -1.50 0.00	46.11 -0.94 0.05	40.94 -0.46 0.34	42.78 -1.34 0.47	40.84 -1.23 0.38	40.27 -1.34 0.40	39.69 -1.24 0.39	39.82 -1.63 0.36	41.70 -1.48 0.30	49.47 -1.65 0.56	82.68 -2.76 -1.79	60.32 -1.76 -3.53	43.89 -0.89 -4.19	40.56 -0.87 -5.30	37.03 -1.12 -4.25	35.76 -1.19 -3.02	36.86 -0.54 -1.24
BETHLHEM_115KV_TB1 79974	32.02 0.10 0.00	31.04 0.12 0.00	30.67 0.15 0.00	30.37 0.15 0.00	30.65 0.15 0.00	33.60 0.17 0.00	43.50 0.43 0.00	51.76 0.21 0.00	47.65 0.28 -0.27	43.83 0.71 -1.38	48.31 1.83 -1.89	45.67 1.70 -1.53	45.34 1.72 -1.61	44.62 1.74 -1.57	45.03 1.76 -1.46	46.56 1.87 -1.21	56.10 2.17 -2.24	107.75 3.26 -20.84	91.46 2.28 -30.63	74.57 1.62 -32.34	73.40 1.48 -35.80	63.96 1.39 -28.67	55.77 1.46 -20.37	46.12 1.59 -8.35
BETHPAGE_CC_5 323564	34.52 2.59 -0.01	33.08 2.16 0.00	32.53 2.01 0.00	32.15 1.94 0.00	32.63 2.13 0.00	36.19 2.74 -0.01	48.39 3.74 -1.58	54.60 3.04 0.00	51.06 2.97 -0.99	50.34 3.46 -5.14	57.84 4.06 -9.20	54.77 3.90 -8.42	51.96 3.95 -6.00	58.47 3.84 -13.31	58.69 4.05 -12.82	61.97 3.96 -14.54	75.86 4.55 -19.62	110.20 6.19 -20.36	112.20 4.39 -49.26	78.86 3.05 -35.22	79.33 2.64 -40.57	64.92 2.65 -28.37	56.65 3.12 -19.59	47.41 3.36 -7.88
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.82 0.89 0.00	31.94 1.02 0.00	31.62 1.10 0.00	31.21 1.00 0.00	31.47 0.98 0.00	34.37 0.94 0.00	42.98 -0.09 0.00	50.42 -1.13 0.00	46.39 -0.66 0.05	41.19 -0.21 0.34	43.04 -1.07 0.47	41.09 -0.98 0.38	40.52 -1.09 0.40	39.98 -0.95 0.39	40.07 -1.38 0.36	41.96 -1.22 0.30	49.83 -1.29 0.56	83.28 -2.17 -1.81	60.75 -1.35 -3.55	44.20 -0.61 -4.21	40.84 -0.61 -5.33	37.26 -0.92 -4.27	35.95 -1.02 -3.03	37.05 -0.36 -1.24
BINGHAMTON___COGEN 23790	32.41 0.48 0.00	31.38 0.46 0.00	31.01 0.49 0.00	30.67 0.45 0.00	30.98 0.49 0.00	33.97 0.53 0.00	43.67 0.60 0.00	51.86 0.31 0.00	47.39 0.38 0.08	41.88 0.63 0.48	44.37 0.45 0.66	42.34 0.42 0.54	41.87 0.42 0.56	41.23 0.45 0.55	41.68 0.38 0.51	43.58 0.52 0.42	51.67 0.78 0.78	88.06 1.09 -3.33	65.68 0.88 -6.25	48.59 0.69 -7.30	45.80 0.58 -9.10	41.63 0.44 -7.29	39.45 0.34 -5.18	38.84 0.54 -2.12
BIXINCNT_115KV_LOAD 355685	33.52 1.60 0.00	32.62 1.70 0.00	32.32 1.80 0.00	31.91 1.69 0.00	32.14 1.65 0.00	35.14 1.71 0.00	44.06 0.99 0.00	51.76 0.21 0.00	47.52 0.47 0.05	42.22 0.83 0.35	44.15 0.04 0.48	42.10 0.04 0.39	41.44 -0.17 0.41	40.88 -0.04 0.40	40.99 -0.46 0.37	42.91 -0.26 0.31	50.96 -0.16 0.57	85.51 0.00 -1.86	62.19 0.00 -3.64	45.28 0.37 -4.32	41.84 0.25 -5.46	38.18 -0.10 -4.38	36.71 -0.34 -3.11	37.66 0.22 -1.28

BLACK RIVER___HYD 24047	31.58 -0.35 0.00	30.55 -0.37 0.00	30.12 -0.40 0.00	29.82 -0.39 0.00	30.13 -0.36 0.00	33.00 -0.44 0.00	42.77 -0.30 0.00	51.40 -0.15 0.00	46.91 -0.19 0.00	41.53 -0.21 0.00	44.14 -0.45 0.00	41.89 -0.55 0.00	41.42 -0.59 0.00	40.91 -0.41 0.00	41.48 -0.34 0.00	43.43 -0.04 0.00	52.15 0.46 0.00	85.68 1.01 -1.02	60.77 0.59 -1.64	42.84 0.45 -1.80	38.47 0.25 -2.09	35.74 0.17 -1.67	34.92 -0.20 -1.19	36.37 -0.29 -0.49
BLACKRVR_115KV_TB2 79977	31.58 -0.35 0.00	30.55 -0.37 0.00	30.12 -0.40 0.00	29.79 -0.42 0.00	30.16 -0.34 0.00	33.00 -0.43 0.00	42.76 -0.30 0.00	51.35 -0.21 0.00	46.96 -0.14 0.00	41.53 -0.21 0.00	44.14 -0.45 0.00	41.89 -0.55 0.00	41.42 -0.59 0.00	40.91 -0.41 0.00	41.48 -0.33 0.00	43.43 -0.04 0.00	52.15 0.47 0.00	85.68 1.00 -1.02	60.77 0.59 -1.64	42.84 0.45 -1.80	38.47 0.25 -2.09	35.74 0.17 -1.67	34.95 -0.17 -1.19	36.37 -0.29 -0.49
BLISS_WT_PWR 323608	33.52 1.60 0.00	32.62 1.70 0.00	32.29 1.77 0.00	31.97 1.75 0.00	32.20 1.71 0.00	35.14 1.70 0.00	44.14 1.08 0.00	52.02 0.46 0.00	47.36 0.33 0.07	42.31 0.92 0.35	43.97 -0.13 0.48	42.06 0.00 0.39	41.35 -0.25 0.41	40.80 -0.12 0.40	40.99 -0.46 0.37	42.91 -0.26 0.31	50.91 -0.21 0.57	85.63 0.00 -1.98	62.29 0.00 -3.74	45.26 0.29 -4.38	41.88 0.29 -5.46	38.08 -0.20 -4.38	36.81 -0.24 -3.11	37.84 0.40 -1.28
BLUESTONE___WT_PWR 323821	34.45 2.52 0.00	33.36 2.44 0.00	32.90 2.38 0.00	32.54 2.33 0.00	33.00 2.50 0.00	36.18 2.74 0.00	46.86 3.79 0.00	55.93 4.38 0.00	50.91 3.91 0.09	44.98 3.71 0.47	47.55 3.61 0.64	45.41 3.48 0.52	44.78 3.32 0.55	44.21 3.43 0.53	44.83 3.51 0.49	46.89 3.83 0.41	56.04 5.12 0.76	96.14 8.03 -4.46	72.31 5.74 -8.02	53.88 4.06 -9.22	50.85 3.43 -11.29	45.96 3.02 -9.05	43.08 2.72 -6.43	41.88 3.07 -2.64
BLUE_CIRC_CHEM_DRP 24182	32.54 0.61 0.00	31.54 0.62 0.00	31.16 0.64 0.00	30.82 0.60 0.00	31.11 0.61 0.00	34.14 0.70 0.00	44.14 1.08 0.00	52.53 0.98 0.00	48.29 0.94 -0.25	44.29 1.25 -1.30	48.42 2.05 -1.78	45.79 1.91 -1.44	45.46 1.93 -1.51	44.69 1.90 -1.47	45.15 1.97 -1.37	46.70 2.09 -1.14	56.22 2.43 -2.11	106.19 3.76 -18.77	88.67 2.63 -27.48	71.48 1.91 -28.97	69.84 1.73 -31.98	61.15 1.63 -25.62	53.84 1.70 -18.20	45.48 1.84 -7.46
BOC_GAS_DRP 24189	32.34 0.42 0.00	31.32 0.40 0.00	30.92 0.40 0.00	30.61 0.39 0.00	30.89 0.40 0.00	33.94 0.50 0.00	43.88 0.82 0.00	52.22 0.67 0.00	48.03 0.66 -0.27	44.11 1.00 -1.37	48.08 1.61 -1.89	45.50 1.53 -1.52	45.13 1.51 -1.60	44.41 1.53 -1.56	44.81 1.55 -1.45	46.34 1.65 -1.21	55.78 1.86 -2.23	104.90 2.68 -18.58	87.50 1.93 -27.02	70.37 1.38 -28.39	68.60 1.26 -31.21	60.12 1.22 -25.00	52.99 1.29 -17.76	44.86 1.41 -7.28
BOONVILLE_115KV_TB1 79983	32.54 0.61 0.00	31.51 0.59 0.00	31.07 0.55 0.00	30.76 0.54 0.00	31.11 0.61 0.00	34.07 0.64 0.00	44.10 1.03 0.00	53.05 1.50 0.00	48.51 1.41 0.00	42.99 1.25 0.00	45.88 1.29 0.00	43.64 1.19 0.00	43.10 1.09 0.00	42.43 1.12 0.00	43.03 1.21 0.00	44.87 1.39 0.00	53.60 1.91 0.00	86.49 2.84 0.00	60.48 1.93 0.00	41.94 1.34 0.00	37.21 1.08 0.00	34.85 0.95 0.00	34.72 0.78 0.00	36.97 0.80 0.00
BORALEX_4TH_BRANCH 23824	34.04 2.11 0.00	32.90 1.98 0.00	32.47 1.95 0.00	32.12 1.90 0.00	32.48 1.98 0.00	35.81 2.37 0.00	46.38 3.32 0.00	55.21 3.66 0.00	50.84 3.39 -0.35	46.95 3.42 -1.79	50.83 3.79 -2.46	48.04 3.61 -1.98	47.71 3.61 -2.09	46.91 3.55 -2.03	47.30 3.60 -1.89	48.79 3.74 -1.57	58.99 4.39 -2.91	116.57 6.61 -26.31	101.81 4.68 -38.57	84.57 3.29 -40.68	84.01 2.93 -44.96	72.69 2.78 -36.01	62.41 2.88 -25.59	49.77 3.11 -10.49
BOWLINE___1 23526	33.08 1.15 0.00	31.94 1.02 0.00	31.53 1.01 0.00	31.18 0.97 0.00	31.59 1.10 0.00	34.78 1.34 0.00	45.13 2.07 0.00	53.46 1.91 0.00	47.07 1.55 1.58	35.56 2.00 8.18	35.60 2.23 11.21	35.55 2.16 9.06	34.74 2.27 9.54	34.26 2.23 9.29	35.52 2.34 8.63	38.61 2.30 7.17	41.13 2.74 13.29	75.62 3.26 11.28	59.42 2.34 1.47	48.44 1.63 -6.22	55.71 1.37 -18.21	49.91 1.42 -14.58	45.93 1.63 -10.36	42.16 1.74 -4.25
BOWLINE___2 23595	33.08 1.15 0.00	31.94 1.02 0.00	31.53 1.01 0.00	31.15 0.94 0.00	31.56 1.07 0.00	34.78 1.34 0.00	45.09 2.02 0.00	53.46 1.91 0.00	47.12 1.60 1.58	35.60 2.04 8.18	35.68 2.32 11.22	35.59 2.21 9.07	34.78 2.31 9.55	34.30 2.27 9.29	35.56 2.38 8.64	38.65 2.35 7.17	41.23 2.84 13.29	75.70 3.35 11.30	59.47 2.40 1.48	48.48 1.67 -6.22	55.74 1.41 -18.21	49.94 1.46 -14.59	46.00 1.70 -10.36	42.23 1.81 -4.25
BRADY___115KV_TB2 356060	32.63 0.70 0.00	31.63 0.71 0.00	31.16 0.64 0.00	31.06 0.85 0.00	31.29 0.79 0.00	33.90 0.47 0.00	43.67 0.60 0.00	52.84 1.29 0.00	48.09 0.99 0.00	41.99 0.25 0.00	44.81 0.22 0.00	42.62 0.17 0.00	42.10 0.08 0.00	41.44 0.12 0.00	41.98 0.17 0.00	43.57 0.09 0.00	51.79 0.10 0.00	84.32 0.67 0.00	58.90 0.35 0.00	40.84 0.24 0.00	36.45 0.33 0.00	34.31 0.41 0.00	34.31 0.37 0.00	36.53 0.36 0.00
BRANSCOMB___SOLAR 323811	33.17 1.24 0.00	32.13 1.20 0.00	31.77 1.25 0.00	31.36 1.15 0.00	31.78 1.28 0.00	34.91 1.47 0.00	45.39 2.32 0.00	54.03 2.47 0.00	49.68 2.31 -0.28	45.59 2.42 -1.44	49.54 2.99 -1.97	46.63 2.59 -1.59	46.17 2.48 -1.68	45.39 2.44 -1.63	45.80 2.47 -1.52	47.39 2.65 -1.26	57.33 3.31 -2.33	117.62 5.10 -28.87	105.23 3.57 -43.11	88.96 2.48 -45.88	89.63 2.20 -51.30	77.10 2.10 -41.09	65.24 2.10 -29.20	50.49 2.35 -11.97
BRENTWOD_69_KV_W. BRTWOOD 56703	34.97 3.03 -0.01	33.67 2.75 0.00	33.12 2.59 0.00	32.72 2.51 0.00	33.15 2.65 0.00	36.79 3.34 -0.01	49.09 4.65 -1.37	55.52 3.97 0.00	52.29 4.19 -1.00	51.13 4.26 -5.14	58.58 5.08 -8.92	55.44 4.92 -8.07	52.88 4.87 -6.00	58.61 4.96 -12.33	58.73 5.06 -11.86	61.62 4.91 -13.23	70.35 5.58 -13.08	113.36 8.28 -21.43	111.19 5.91 -46.73	78.58 4.06 -33.92	77.37 3.50 -37.74	63.03 3.39 -25.73	56.53 4.00 -18.59	47.96 4.30 -7.48
BRISTLHL_115KV_TB1 79998	31.32 -0.61 0.00	30.30 -0.62 0.00	29.94 -0.58 0.00	29.61 -0.60 0.00	29.89 -0.61 0.00	32.77 -0.67 0.00	42.16 -0.90 0.00	50.11 -1.44 0.00	45.89 -1.18 0.03	40.69 -0.79 0.25	43.21 -1.03 0.35	41.19 -0.98 0.28	40.75 -0.97 0.29	40.08 -0.95 0.29	40.55 -1.00 0.27	42.30 -0.96 0.22	50.34 -0.93 0.41	83.48 -1.25 -1.08	59.95 -0.82 -2.22	42.74 -0.53 -2.66	39.04 -0.51 -3.42	36.13 -0.51 -2.74	35.24 -0.64 -1.94	36.32 -0.65 -0.80
BROOKHAVEN___DRP 24191	35.13 3.19 -0.01	33.80 2.88 0.00	33.21 2.69 0.00	32.84 2.63 0.00	33.27 2.78 0.00	36.99 3.54 -0.01	49.33 4.91 -1.35	55.88 4.33 0.00	52.57 4.47 -1.00	51.34 4.47 -5.14	58.73 5.26 -8.88	55.52 5.05 -8.03	53.01 5.00 -6.00	58.58 5.04 -12.22	58.79 5.23 -11.75	61.78 5.22 -13.08	70.14 6.15 -12.31	114.45 9.37 -21.43	111.56 6.67 -46.34	78.90 4.59 -33.72	77.52 3.97 -37.42	63.09 3.76 -25.43	56.65 4.24 -18.47	48.16 4.56 -7.44

BROOKLYN_NAVY_YARD 23515	33.40 1.47 0.00	32.22 1.30 0.00	31.74 1.22 0.00	31.39 1.18 0.00	31.81 1.31 0.00	35.11 1.67 0.00	45.69 2.63 0.00	54.23 2.68 0.00	50.59 2.49 -1.00	49.77 2.88 -5.15	54.64 2.99 -7.07	51.08 2.93 -5.71	51.05 3.03 -6.01	50.15 2.98 -5.85	50.35 3.09 -5.44	51.04 3.04 -4.52	63.78 3.72 -8.37	108.89 4.85 -20.40	85.55 3.51 -23.49	64.46 2.39 -21.47	57.01 1.99 -18.90	51.07 2.03 -15.14	47.00 2.31 -10.76	43.04 2.46 -4.41
BROOKLYN___ARMY_DRP 323595	33.68 1.76 0.00	32.50 1.58 0.00	31.99 1.47 0.00	31.63 1.42 0.00	31.96 1.46 0.00	35.24 1.81 0.00	45.74 2.67 0.00	54.24 2.68 0.00	50.64 2.54 -1.00	49.77 2.88 -5.15	54.54 2.90 -7.06	50.91 2.76 -5.70	50.87 2.86 -6.01	50.02 2.85 -5.85	50.18 2.93 -5.43	50.95 2.96 -4.51	63.36 3.31 -8.36	109.53 4.43 -21.45	86.02 3.16 -24.31	64.67 2.11 -21.96	56.87 1.84 -18.90	50.97 1.93 -15.14	46.93 2.24 -10.76	43.15 2.57 -4.41
BROOKVLE_69_KV_TB1 55790	34.24 2.30 -0.02	33.02 2.10 0.00	32.50 1.98 0.00	32.15 1.93 0.00	32.51 2.01 0.00	35.99 2.54 -0.02	48.90 3.62 -2.22	54.96 3.40 0.00	51.44 3.34 -1.00	50.42 3.55 -5.14	58.62 3.97 -10.07	55.84 3.86 -9.53	51.93 3.91 -6.01	61.53 3.88 -16.33	61.64 4.01 -15.81	66.07 4.00 -18.59	85.89 4.65 -29.56	111.61 6.52 -21.44	123.68 4.63 -60.51	85.04 3.17 -41.28	88.26 2.82 -49.31	71.29 2.71 -34.68	59.72 3.02 -22.77	48.55 3.26 -9.13
BROOME_2_LFGE 323671	32.41 0.48 0.00	31.39 0.46 0.00	31.01 0.49 0.00	30.70 0.48 0.00	31.01 0.52 0.00	33.97 0.53 0.00	43.67 0.60 0.00	51.92 0.36 0.00	47.34 0.33 0.09	41.88 0.63 0.48	44.32 0.40 0.66	42.29 0.38 0.54	41.83 0.38 0.56	41.18 0.41 0.55	41.68 0.38 0.51	43.58 0.52 0.42	51.68 0.78 0.78	88.10 1.08 -3.37	65.71 0.88 -6.28	48.61 0.69 -7.32	45.80 0.58 -9.10	41.60 0.41 -7.29	39.45 0.34 -5.18	38.87 0.58 -2.12
BROOME___LFGE 323600	32.41 0.48 0.00	31.39 0.46 0.00	31.01 0.49 0.00	30.70 0.48 0.00	31.01 0.52 0.00	33.97 0.53 0.00	43.67 0.60 0.00	51.92 0.36 0.00	47.34 0.33 0.09	41.88 0.63 0.48	44.32 0.40 0.66	42.29 0.38 0.54	41.83 0.38 0.56	41.18 0.41 0.55	41.68 0.38 0.51	43.58 0.52 0.42	51.68 0.78 0.78	88.10 1.08 -3.37	65.71 0.88 -6.28	48.61 0.69 -7.32	45.80 0.58 -9.10	41.60 0.41 -7.29	39.45 0.34 -5.18	38.87 0.58 -2.12
BROWNFLS_115KV_TB_3_5 80003	31.74 -0.19 0.00	30.74 -0.19 0.00	30.31 -0.21 0.00	30.12 -0.09 0.00	30.31 -0.18 0.00	32.87 -0.57 0.00	42.42 -0.65 0.00	51.25 -0.31 0.00	46.72 -0.38 0.00	41.03 -0.71 0.00	43.83 -0.76 0.00	41.64 -0.81 0.00	41.17 -0.84 0.00	40.58 -0.74 0.00	41.10 -0.71 0.00	42.83 -0.65 0.00	50.96 -0.72 0.00	82.81 -0.84 0.00	57.79 -0.76 0.00	40.07 -0.53 0.00	35.73 -0.40 0.00	33.66 -0.24 0.00	33.60 -0.34 0.00	35.77 -0.40 0.00
BROWNSV1_27_KV_LOAD 356125	33.68 1.76 0.00	32.53 1.61 0.00	32.02 1.50 0.00	31.70 1.48 0.00	32.02 1.52 0.00	35.41 1.97 0.00	46.04 2.97 0.00	54.70 3.14 0.00	51.07 2.97 -1.00	50.11 3.21 -5.15	54.95 3.30 -7.07	51.42 3.27 -5.71	51.38 3.36 -6.01	50.48 3.31 -5.85	50.68 3.43 -5.44	51.43 3.43 -4.52	64.14 4.08 -8.37	110.72 5.60 -21.46	86.85 3.98 -24.32	65.28 2.72 -21.96	57.34 2.31 -18.90	51.34 2.31 -15.14	47.27 2.58 -10.76	43.37 2.79 -4.41
BURROWS___LYONSDAL 23803	32.38 0.45 0.00	31.35 0.43 0.00	30.92 0.40 0.00	30.58 0.36 0.00	30.95 0.46 0.00	33.87 0.43 0.00	43.84 0.78 0.00	52.74 1.19 0.00	48.23 1.13 0.00	42.74 1.00 0.00	45.57 0.98 0.00	43.30 0.85 0.00	42.81 0.80 0.00	42.15 0.83 0.00	42.73 0.92 0.00	44.61 1.13 0.00	53.29 1.60 0.00	86.07 2.43 0.00	60.13 1.58 0.00	41.70 1.10 0.00	37.03 0.90 0.00	34.68 0.78 0.00	34.51 0.58 0.00	36.75 0.58 0.00
CAITHNESS_CC_1 323624	34.97 3.03 -0.01	33.58 2.66 0.00	32.99 2.47 0.00	32.60 2.39 0.00	33.12 2.62 0.00	36.82 3.38 -0.01	49.20 4.78 -1.35	55.52 3.97 0.00	51.95 3.86 -0.99	51.17 4.30 -5.14	58.59 5.13 -8.88	55.39 4.92 -8.02	52.84 4.83 -6.00	58.29 4.75 -12.22	58.57 5.02 -11.74	61.55 5.00 -13.08	69.91 5.94 -12.28	112.79 8.78 -20.36	110.31 6.27 -45.50	78.16 4.35 -33.21	77.22 3.69 -37.41	62.84 3.53 -25.42	56.47 4.07 -18.47	47.98 4.37 -7.43
CALPINE BETH_PAGE_GT4 24209	34.49 2.55 -0.01	33.24 2.32 0.00	32.69 2.17 0.00	32.33 2.12 0.00	32.72 2.23 0.00	36.26 2.81 -0.01	48.32 3.57 -1.69	54.55 2.99 0.00	51.25 3.16 -1.00	50.21 3.34 -5.14	57.80 3.88 -9.34	54.83 3.78 -8.60	51.84 3.82 -6.00	58.97 3.84 -13.80	59.06 3.93 -13.31	62.55 3.87 -15.20	78.90 4.39 -22.83	111.10 6.02 -21.43	114.62 4.27 -51.80	80.19 2.96 -36.63	80.76 2.64 -42.00	66.16 2.58 -29.69	57.06 3.02 -20.11	47.50 3.26 -8.08
CALPINE_BETH_PAGE_GT_4 323586	34.50 2.56 -0.01	33.08 2.16 0.00	32.57 2.05 0.00	32.18 1.96 0.00	32.66 2.17 0.00	36.19 2.74 -0.01	48.41 3.66 -1.69	54.49 2.94 0.00	50.96 2.87 -0.99	50.25 3.38 -5.14	57.85 3.92 -9.34	54.83 3.78 -8.60	51.88 3.86 -6.00	58.88 3.76 -13.80	59.06 3.93 -13.31	62.55 3.87 -15.20	79.00 4.49 -22.83	110.04 6.03 -20.37	113.79 4.27 -50.97	79.73 3.00 -36.13	80.73 2.60 -42.00	66.16 2.58 -29.69	57.10 3.06 -20.11	47.50 3.26 -8.08
CALPINE_BP_GT1 23823	34.50 2.56 -0.01	33.08 2.16 0.00	32.57 2.05 0.00	32.18 1.96 0.00	32.66 2.17 0.00	36.19 2.74 -0.01	48.41 3.66 -1.69	54.49 2.94 0.00	50.96 2.87 -0.99	50.25 3.38 -5.14	57.85 3.92 -9.34	54.83 3.78 -8.60	51.88 3.86 -6.00	58.88 3.76 -13.80	59.06 3.93 -13.31	62.55 3.87 -15.20	79.00 4.49 -22.83	110.04 6.03 -20.37	113.79 4.27 -50.97	79.73 3.00 -36.13	80.73 2.60 -42.00	66.16 2.58 -29.69	57.10 3.06 -20.11	47.50 3.26 -8.08
CALSPAN___DRP 24200	32.63 0.70 0.00	31.76 0.83 0.00	31.44 0.92 0.00	31.03 0.82 0.00	31.29 0.79 0.00	34.17 0.74 0.00	42.68 -0.39 0.00	50.06 -1.50 0.00	46.11 -0.94 0.05	40.94 -0.46 0.34	42.78 -1.34 0.47	40.84 -1.23 0.38	40.27 -1.34 0.40	39.69 -1.24 0.39	39.82 -1.63 0.36	41.70 -1.48 0.30	49.47 -1.65 0.56	82.68 -2.76 -1.79	60.32 -1.76 -3.53	43.89 -0.89 -4.19	40.56 -0.87 -5.30	37.03 -1.12 -4.25	35.76 -1.19 -3.02	36.86 -0.54 -1.24
CALVERTON___SOLAR 323806	35.29 3.35 -0.01	33.86 2.94 0.00	33.30 2.78 0.00	32.87 2.66 0.00	33.42 2.93 0.00	37.16 3.71 -0.01	49.67 5.25 -1.35	56.14 4.59 0.00	52.47 4.38 -0.99	51.59 4.71 -5.14	59.04 5.57 -8.88	55.78 5.31 -8.03	53.22 5.21 -6.00	58.71 5.16 -12.22	59.00 5.43 -11.75	62.04 5.48 -13.08	70.61 6.62 -12.31	113.96 9.95 -20.36	111.20 7.14 -45.51	78.77 4.95 -33.22	77.74 4.19 -37.42	63.33 4.00 -25.43	56.89 4.48 -18.47	48.38 4.77 -7.44
CANDIGU_WT_PWR 323617	32.79 0.86 0.00	31.85 0.93 0.00	31.50 0.98 0.00	31.18 0.97 0.00	31.44 0.95 0.00	34.34 0.90 0.00	43.45 0.39 0.00	51.45 -0.10 0.00	46.88 -0.14 0.08	41.72 0.37 0.39	43.64 -0.40 0.54	41.76 -0.25 0.44	41.21 -0.34 0.46	40.58 -0.29 0.45	40.85 -0.54 0.42	42.78 -0.35 0.35	50.84 -0.21 0.64	85.65 -0.42 -2.42	62.98 -0.12 -4.55	46.00 0.08 -5.31	42.97 0.22 -6.63	39.07 -0.14 -5.31	37.47 -0.24 -3.77	38.00 0.29 -1.55

CARR STREET_E_SYR 24060	31.48 -0.45 0.00	30.49 -0.43 0.00	30.12 -0.40 0.00	29.79 -0.42 0.00	30.10 -0.40 0.00	32.90 -0.54 0.00	42.25 -0.82 0.00	50.16 -1.39 0.00	45.87 -1.18 0.05	40.68 -0.79 0.26	43.20 -1.02 0.36	41.22 -0.93 0.29	40.78 -0.92 0.31	40.11 -0.91 0.30	40.53 -1.00 0.28	42.33 -0.92 0.23	50.33 -0.93 0.43	83.71 -1.25 -1.31	60.22 -0.82 -2.50	43.00 -0.53 -2.93	39.28 -0.51 -3.66	36.26 -0.58 -2.93	35.30 -0.71 -2.08	36.34 -0.69 -0.85
CARTHAGE___PAPER 23857	31.61 -0.32 0.00	30.58 -0.34 0.00	30.12 -0.40 0.00	29.85 -0.36 0.00	30.10 -0.40 0.00	32.97 -0.47 0.00	42.72 -0.35 0.00	51.50 -0.05 0.00	47.00 -0.09 0.00	41.49 -0.25 0.00	44.14 -0.45 0.00	41.89 -0.55 0.00	41.42 -0.59 0.00	40.91 -0.41 0.00	41.44 -0.38 0.00	43.39 -0.09 0.00	51.94 0.26 0.00	85.21 0.67 -0.90	60.28 0.29 -1.43	42.42 0.25 -1.57	38.06 0.11 -1.83	35.43 0.07 -1.46	34.74 -0.24 -1.04	36.27 -0.33 -0.43
CASSADAGA_WT_PWR 323784	33.62 1.69 0.00	32.74 1.82 0.00	32.38 1.86 0.00	32.03 1.81 0.00	32.23 1.74 0.00	35.17 1.74 0.00	44.27 1.20 0.00	52.28 0.72 0.00	47.55 0.52 0.07	42.39 1.00 0.35	44.02 -0.09 0.48	42.15 0.09 0.39	41.52 -0.08 0.41	40.92 0.00 0.40	41.07 -0.38 0.37	43.09 -0.09 0.31	51.22 0.10 0.57	86.14 0.50 -1.98	62.76 0.47 -3.74	45.55 0.57 -4.38	42.03 0.44 -5.46	38.14 -0.14 -4.38	36.84 -0.20 -3.11	37.99 0.54 -1.28
CE_DUNWOOD___DRP 24194	33.43 1.50 0.00	32.31 1.39 0.00	31.83 1.31 0.00	31.48 1.27 0.00	31.84 1.34 0.00	35.17 1.74 0.00	45.69 2.63 0.00	54.24 2.68 0.00	50.63 2.50 -1.03	49.83 2.80 -5.29	54.83 2.99 -7.26	51.24 2.93 -5.87	51.17 2.98 -6.18	50.31 2.97 -6.01	50.50 3.09 -5.59	51.21 3.09 -4.64	63.90 3.62 -8.60	110.28 4.85 -21.78	86.57 3.45 -24.56	65.10 2.40 -22.10	57.10 2.10 -18.88	51.02 2.00 -15.12	46.92 2.24 -10.74	42.96 2.39 -4.40
CE_MILLWOOD___DRP 24193	33.40 1.47 0.00	32.25 1.33 0.00	31.80 1.28 0.00	31.45 1.24 0.00	31.78 1.28 0.00	35.11 1.67 0.00	45.61 2.54 0.00	54.13 2.58 0.00	50.56 2.40 -1.06	49.83 2.67 -5.42	54.91 2.90 -7.43	51.25 2.80 -6.00	51.23 2.90 -6.32	50.33 2.85 -6.16	50.51 2.97 -5.72	51.23 3.00 -4.75	64.00 3.51 -8.81	110.40 4.68 -22.07	86.66 3.34 -24.78	65.10 2.27 -22.22	57.01 2.02 -18.86	50.94 1.93 -15.10	46.84 2.17 -10.73	42.89 2.31 -4.40
CE_NYC2_DRP 24202	33.59 1.66 0.00	32.44 1.52 0.00	31.92 1.40 0.00	31.57 1.36 0.00	31.90 1.40 0.00	35.24 1.81 0.00	45.69 2.63 0.00	54.18 2.63 0.00	50.55 2.45 -1.00	49.68 2.80 -5.15	54.54 2.90 -7.06	50.99 2.84 -5.70	50.96 2.94 -6.01	50.10 2.93 -5.85	50.26 3.01 -5.43	50.99 3.00 -4.51	63.51 3.46 -8.36	109.70 4.60 -21.45	86.14 3.28 -24.31	64.75 2.19 -21.96	56.90 1.88 -18.90	51.04 2.00 -15.14	47.03 2.34 -10.76	43.22 2.64 -4.41
CE_NYC_DRP 24195	33.46 1.53 0.00	32.31 1.39 0.00	31.80 1.28 0.00	31.48 1.27 0.00	31.81 1.31 0.00	35.17 1.74 0.00	45.74 2.67 0.00	54.29 2.73 0.00	50.69 2.59 -1.00	49.77 2.88 -5.15	54.64 2.99 -7.07	51.09 2.93 -5.71	51.05 3.02 -6.01	50.19 3.02 -5.85	50.39 3.14 -5.44	51.08 3.09 -4.52	63.73 3.67 -8.37	110.05 4.94 -21.46	86.38 3.51 -24.32	64.92 2.35 -21.97	57.05 2.02 -18.90	51.07 2.03 -15.14	47.03 2.34 -10.76	43.11 2.53 -4.41
CHAFFEE___LFGE 323603	32.73 0.80 0.00	31.88 0.96 0.00	31.53 1.01 0.00	31.21 1.00 0.00	31.44 0.95 0.00	34.27 0.84 0.00	42.94 -0.13 0.00	50.52 -1.03 0.00	46.09 -0.94 0.07	41.14 -0.25 0.35	42.78 -1.34 0.47	40.92 -1.14 0.38	40.39 -1.22 0.40	39.85 -1.07 0.39	39.99 -1.46 0.36	41.91 -1.26 0.30	49.73 -1.39 0.56	83.43 -2.18 -1.95	60.83 -1.41 -3.69	44.18 -0.73 -4.31	40.86 -0.65 -5.38	37.13 -1.09 -4.31	35.91 -1.09 -3.06	37.10 -0.33 -1.26
CHATEAUG_35_KV_LOAD 355732	33.01 1.09 0.00	32.03 1.11 0.00	31.59 1.07 0.00	31.30 1.09 0.00	31.47 0.98 0.00	34.14 0.70 0.00	44.01 0.95 0.00	52.53 0.98 0.00	47.76 0.66 0.00	42.24 0.50 0.00	44.99 0.40 0.00	42.87 0.42 0.00	42.22 0.21 0.00	41.48 0.17 0.00	41.90 0.08 0.00	43.43 -0.04 0.00	51.79 0.10 0.00	83.73 0.08 0.00	58.14 -0.41 0.00	40.64 0.04 0.00	36.27 0.14 0.00	33.94 0.03 0.00	33.94 0.00 0.00	36.50 0.33 0.00
CHATEAUG_WT_PWR 323614	32.95 1.02 0.00	31.94 1.02 0.00	31.53 1.01 0.00	31.24 1.03 0.00	31.35 0.85 0.00	34.04 0.60 0.00	43.71 0.65 0.00	52.22 0.67 0.00	47.47 0.38 0.00	42.11 0.37 0.00	44.85 0.27 0.00	42.75 0.30 0.00	42.05 0.04 0.00	41.36 0.04 0.00	41.73 -0.08 0.00	43.22 -0.26 0.00	51.07 -0.62 0.00	83.15 -0.50 0.00	57.79 -0.76 0.00	40.44 -0.16 0.00	36.13 0.00 0.00	33.80 -0.10 0.00	33.80 -0.14 0.00	36.42 0.25 0.00
CHAT_HIGH_FALL_HYD 323578	33.01 1.09 0.00	32.03 1.11 0.00	31.59 1.07 0.00	31.30 1.09 0.00	31.38 0.88 0.00	34.14 0.70 0.00	43.88 0.82 0.00	52.53 0.98 0.00	47.76 0.66 0.00	42.24 0.50 0.00	45.03 0.45 0.00	42.87 0.42 0.00	42.22 0.21 0.00	41.49 0.17 0.00	41.90 0.08 0.00	43.43 -0.04 0.00	51.38 -0.31 0.00	83.73 0.08 0.00	58.14 -0.41 0.00	40.68 0.08 0.00	36.27 0.15 0.00	33.97 0.07 0.00	33.97 0.03 0.00	36.49 0.32 0.00
CHAUTAUQUA___LFGE 323629	32.98 1.05 0.00	32.13 1.20 0.00	31.77 1.25 0.00	31.45 1.24 0.00	31.65 1.16 0.00	34.51 1.07 0.00	43.37 0.30 0.00	51.14 -0.41 0.00	46.61 -0.42 0.07	41.56 0.17 0.35	43.22 -0.89 0.48	41.34 -0.72 0.38	40.77 -0.84 0.41	40.22 -0.70 0.39	40.36 -1.09 0.37	42.30 -0.87 0.30	50.24 -0.88 0.56	84.37 -1.25 -1.97	61.50 -0.76 -3.72	44.66 -0.28 -4.35	41.26 -0.29 -5.43	37.47 -0.78 -4.35	36.21 -0.81 -3.09	37.33 -0.11 -1.27
CHERRYST_13_KV_LD 356241	33.52 1.60 0.00	32.37 1.45 0.00	31.89 1.37 0.00	31.54 1.33 0.00	31.90 1.40 0.00	35.28 1.84 0.00	45.86 2.80 0.00	54.49 2.94 0.00	50.88 2.78 -1.00	49.94 3.05 -5.15	54.77 3.12 -7.07	51.26 3.10 -5.71	51.22 3.19 -6.01	50.31 3.14 -5.85	50.52 3.26 -5.44	51.26 3.26 -4.52	63.94 3.88 -8.37	110.30 5.19 -21.46	86.56 3.69 -24.32	65.08 2.52 -21.97	57.15 2.13 -18.90	51.14 2.10 -15.14	47.10 2.41 -10.76	43.18 2.60 -4.41
CHESTROR_138KV_BK263 355645	32.98 1.05 0.00	31.88 0.96 0.00	31.47 0.95 0.00	31.12 0.91 0.00	31.44 0.95 0.00	34.64 1.20 0.00	44.87 1.81 0.00	53.31 1.75 0.00	47.48 1.55 1.17	37.15 1.88 6.46	37.73 2.01 8.86	37.28 1.99 7.16	36.53 2.06 7.54	36.00 2.02 7.34	37.12 2.13 6.82	39.99 2.17 5.67	43.72 2.53 10.50	80.27 3.26 6.65	62.78 2.34 -1.89	50.21 1.62 -7.99	55.15 1.45 -17.58	49.37 1.39 -14.08	45.50 1.56 -10.01	41.97 1.70 -4.10
CH_MIDHUDSON___DRP 24192	33.46 1.53 0.00	32.31 1.39 0.00	31.86 1.34 0.00	31.51 1.30 0.00	31.84 1.34 0.00	35.11 1.67 0.00	45.56 2.50 0.00	54.13 2.58 0.00	49.82 2.35 -0.37	46.34 2.63 -1.98	50.10 2.81 -2.71	47.40 2.76 -2.19	47.13 2.81 -2.31	46.37 2.81 -2.25	46.83 2.93 -2.09	48.17 2.96 -1.73	58.36 3.46 -3.21	102.49 4.68 -14.16	80.68 3.34 -18.79	61.68 2.27 -18.81	57.46 2.02 -19.31	51.30 1.93 -15.47	47.03 2.10 -10.99	42.96 2.28 -4.51

CH_MISC_IPPS 23765	33.49 1.56 0.00	32.34 1.42 0.00	31.93 1.40 0.00	31.54 1.33 0.00	31.96 1.46 0.00	35.14 1.70 0.00	45.65 2.58 0.00	54.13 2.58 0.00	49.67 2.40 -0.17	45.28 2.67 -0.87	48.64 2.86 -1.19	46.17 2.76 -0.96	45.89 2.86 -1.02	45.12 2.81 -0.99	45.70 2.97 -0.92	47.24 3.00 -0.76	56.72 3.62 -1.41	98.96 4.85 -10.46	77.86 3.51 -15.79	59.85 2.35 -16.89	57.19 2.06 -19.01	51.06 1.93 -15.23	46.86 2.10 -10.82	42.89 2.28 -4.44
CH_RES_BVR_FALLS 23983	32.02 0.10 0.00	31.01 0.09 0.00	30.61 0.09 0.00	30.34 0.12 0.00	30.53 0.03 0.00	33.47 0.03 0.00	43.02 -0.04 0.00	51.76 0.21 0.00	47.19 0.09 0.00	41.57 -0.17 0.00	44.36 -0.22 0.00	42.24 -0.21 0.00	41.76 -0.25 0.00	41.07 -0.25 0.00	41.57 -0.25 0.00	43.18 -0.30 0.00	51.22 -0.47 0.00	83.23 -0.42 0.00	58.14 -0.41 0.00	40.32 -0.28 0.00	35.91 -0.22 0.00	33.73 -0.17 0.00	33.77 -0.17 0.00	35.95 -0.22 0.00
CH_RES_NIAGARA 23895	31.07 -0.86 0.00	30.27 -0.65 0.00	29.94 -0.58 0.00	29.67 -0.54 0.00	29.85 -0.64 0.00	32.50 -0.94 0.00	40.44 -2.63 0.00	47.48 -4.07 0.00	43.45 -3.58 0.06	38.78 -2.63 0.33	40.25 -3.88 0.46	38.55 -3.52 0.37	38.05 -3.57 0.39	37.51 -3.43 0.38	37.66 -3.80 0.35	39.45 -3.74 0.29	46.59 -4.55 0.54	78.04 -7.45 -1.84	56.93 -5.09 -3.47	41.42 -3.25 -4.07	38.31 -2.89 -5.08	34.88 -3.08 -4.07	33.84 -2.99 -2.89	35.04 -2.32 -1.18
CH_RES_SYRACUSE 23985	31.71 -0.22 0.00	30.71 -0.21 0.00	30.31 -0.21 0.00	29.97 -0.24 0.00	30.28 -0.21 0.00	33.20 -0.23 0.00	42.77 -0.30 0.00	50.83 -0.72 0.00	46.48 -0.56 0.05	41.21 -0.25 0.28	43.72 -0.49 0.38	41.71 -0.42 0.31	41.27 -0.42 0.32	40.55 -0.45 0.32	41.02 -0.50 0.29	42.80 -0.43 0.24	50.92 -0.31 0.45	84.82 -0.25 -1.42	61.18 -0.06 -2.69	43.75 0.00 -3.15	40.03 -0.04 -3.94	36.93 -0.14 -3.16	35.91 -0.27 -2.24	36.87 -0.22 -0.92
CLINTON_WT_PWR 323605	32.95 1.02 0.00	31.94 1.02 0.00	31.53 1.01 0.00	31.24 1.03 0.00	31.35 0.85 0.00	34.04 0.60 0.00	43.71 0.65 0.00	52.22 0.67 0.00	47.47 0.38 0.00	42.11 0.37 0.00	44.85 0.27 0.00	42.75 0.30 0.00	42.05 0.04 0.00	41.36 0.04 0.00	41.73 -0.08 0.00	43.22 -0.26 0.00	51.07 -0.62 0.00	83.15 -0.50 0.00	57.79 -0.76 0.00	40.44 -0.16 0.00	36.13 0.00 0.00	33.80 -0.10 0.00	33.80 -0.14 0.00	36.42 0.25 0.00
CLINTON__LFGE 323618	33.37 1.44 0.00	32.37 1.45 0.00	31.93 1.40 0.00	31.63 1.42 0.00	31.68 1.19 0.00	34.37 0.93 0.00	44.14 1.08 0.00	52.84 1.29 0.00	47.99 0.89 0.00	42.65 0.92 0.00	45.48 0.89 0.00	43.30 0.85 0.00	42.64 0.63 0.00	41.90 0.58 0.00	42.28 0.46 0.00	43.82 0.35 0.00	51.79 0.10 0.00	84.31 0.67 0.00	58.49 -0.06 0.00	41.09 0.49 0.00	36.70 0.58 0.00	34.31 0.41 0.00	34.27 0.34 0.00	37.04 0.87 0.00
COBBLENY_34_KV_TB1 80064	32.73 0.80 0.00	31.85 0.93 0.00	31.53 1.01 0.00	31.12 0.91 0.00	31.38 0.88 0.00	34.31 0.87 0.00	42.89 -0.17 0.00	50.37 -1.19 0.00	46.29 -0.75 0.05	41.14 -0.25 0.35	43.00 -1.11 0.47	41.05 -1.02 0.38	40.47 -1.13 0.40	39.89 -1.03 0.39	40.03 -1.42 0.36	41.91 -1.26 0.30	49.78 -1.34 0.56	83.30 -2.17 -1.83	60.73 -1.41 -3.59	44.20 -0.65 -4.25	40.82 -0.69 -5.38	37.26 -0.95 -4.31	35.95 -1.05 -3.06	37.03 -0.40 -1.26
COFFEEN__115KV_TB3 355620	31.74 -0.19 0.00	30.70 -0.22 0.00	30.28 -0.24 0.00	29.94 -0.27 0.00	30.31 -0.18 0.00	33.17 -0.27 0.00	43.02 -0.04 0.00	51.71 0.15 0.00	47.24 0.14 0.00	41.66 0.08 0.16	44.19 -0.18 0.22	41.93 -0.34 0.18	41.45 -0.38 0.19	40.97 -0.17 0.18	41.60 -0.04 0.17	43.64 0.30 0.14	52.35 0.93 0.26	86.16 1.84 -0.67	61.10 1.17 -1.38	43.07 0.81 -1.66	38.84 0.58 -2.13	36.05 0.44 -1.71	35.18 0.03 -1.21	36.63 -0.04 -0.50
COLDSPRG_115KV_BK1 355956	34.16 2.23 0.00	33.30 2.38 0.00	32.96 2.44 0.00	32.51 2.30 0.00	32.78 2.29 0.00	35.84 2.41 0.00	45.00 1.94 0.00	53.00 1.44 0.00	48.55 1.51 0.05	43.06 1.67 0.35	45.04 0.94 0.48	42.95 0.89 0.39	42.36 0.76 0.41	41.75 0.83 0.40	41.86 0.42 0.37	43.87 0.70 0.31	52.20 1.09 0.57	87.54 2.01 -1.88	63.70 1.46 -3.69	46.31 1.34 -4.37	42.70 1.05 -5.52	38.87 0.54 -4.42	37.38 0.31 -3.14	38.47 1.01 -1.29
COLONIE_LFGE__ 323577	33.01 1.09 0.00	31.97 1.05 0.00	31.56 1.04 0.00	31.21 1.00 0.00	31.59 1.10 0.00	34.71 1.27 0.00	44.96 1.89 0.00	53.56 2.01 0.00	49.32 1.93 -0.29	45.32 2.09 -1.49	49.31 2.67 -2.05	46.56 2.46 -1.66	46.19 2.44 -1.74	45.41 2.40 -1.70	45.86 2.47 -1.58	47.35 2.56 -1.31	57.16 3.05 -2.43	115.34 4.51 -27.17	102.06 3.22 -40.29	85.61 2.27 -42.73	85.71 2.02 -47.57	73.90 1.90 -38.10	62.98 1.97 -27.07	49.44 2.17 -11.10
COOPERNY_115KV_TB1 80082	32.73 0.80 0.00	31.66 0.74 0.00	31.25 0.73 0.00	30.91 0.69 0.00	31.23 0.73 0.00	34.34 0.90 0.00	44.44 1.38 0.00	52.84 1.29 0.00	47.60 1.18 0.67	39.65 1.42 3.51	41.29 1.52 4.81	40.04 1.49 3.89	39.43 1.51 4.09	38.82 1.49 3.99	39.70 1.59 3.71	42.01 1.61 3.08	47.89 1.91 5.70	85.16 2.43 0.91	65.64 1.76 -5.33	50.92 1.26 -9.06	52.28 1.12 -15.03	47.03 1.08 -12.04	43.68 1.19 -8.56	40.98 1.30 -3.51
COPENHAGEN_WT_PWR 323753	31.51 -0.42 0.00	30.49 -0.43 0.00	30.06 -0.46 0.00	29.76 -0.45 0.00	30.07 -0.43 0.00	32.94 -0.50 0.00	42.63 -0.43 0.00	51.20 -0.36 0.00	46.74 -0.33 0.03	41.28 -0.29 0.17	43.78 -0.58 0.23	41.58 -0.68 0.18	41.10 -0.71 0.19	40.59 -0.54 0.19	41.18 -0.46 0.18	43.16 -0.17 0.15	51.67 0.26 0.27	85.49 0.75 -1.09	60.70 0.41 -1.74	42.79 0.29 -1.91	38.49 0.15 -2.21	35.74 0.07 -1.77	34.92 -0.27 -1.26	36.32 -0.36 -0.52
CORNELL____ 23752	32.85 0.93 0.00	31.82 0.90 0.00	31.41 0.89 0.00	31.06 0.85 0.00	31.38 0.88 0.00	34.44 1.00 0.00	44.40 1.34 0.00	52.95 1.39 0.00	48.31 1.27 0.06	42.77 1.42 0.38	45.31 1.25 0.53	43.17 1.15 0.43	42.70 1.13 0.45	42.04 1.16 0.44	42.45 1.05 0.41	44.40 1.26 0.34	52.92 1.86 0.63	89.13 3.09 -2.39	65.40 2.28 -4.56	47.62 1.66 -5.36	44.22 1.37 -6.72	40.44 1.15 -5.38	38.68 0.92 -3.82	38.82 1.09 -1.57
CORONAAV_69_KV_TB1 355595	34.38 2.43 -0.02	33.12 2.20 0.00	32.60 2.08 0.00	32.24 2.02 0.00	32.63 2.13 0.00	36.07 2.61 -0.02	49.11 3.66 -2.38	54.96 3.40 0.00	51.54 3.44 -1.00	50.46 3.59 -5.14	58.98 4.10 -10.29	56.25 3.99 -9.81	52.10 4.08 -6.01	62.35 3.93 -17.11	62.45 4.06 -16.58	67.12 4.00 -19.64	131.94 4.70 -75.56	111.61 6.52 -21.44	126.26 4.51 -63.20	86.48 3.17 -42.71	90.52 2.82 -51.58	80.75 2.75 -44.11	60.51 3.12 -23.45	48.97 3.40 -9.40
CORTLAND_115KV_TB3 80093	32.47 0.54 0.00	31.45 0.53 0.00	31.04 0.52 0.00	30.70 0.48 0.00	30.98 0.49 0.00	34.04 0.60 0.00	43.88 0.82 0.00	52.22 0.67 0.00	47.75 0.71 0.05	42.28 0.88 0.34	44.88 0.76 0.46	42.79 0.72 0.38	42.29 0.67 0.40	41.64 0.70 0.38	42.08 0.63 0.36	43.96 0.78 0.30	52.32 1.19 0.55	87.51 1.92 -1.94	63.71 1.41 -3.76	46.09 1.06 -4.43	42.54 0.83 -5.58	39.09 0.71 -4.47	37.62 0.51 -3.18	38.12 0.65 -1.30

COXSACKIE___GT 23611	33.46 1.53 0.00	32.37 1.45 0.00	32.11 1.59 0.00	31.63 1.42 0.00	32.08 1.58 0.00	34.91 1.47 0.00	45.43 2.37 0.00	53.98 2.42 0.00	49.85 2.54 -0.21	45.11 2.29 -1.08	49.31 3.25 -1.48	46.74 3.10 -1.19	46.29 3.03 -1.25	45.60 3.06 -1.22	46.17 3.22 -1.14	48.07 3.65 -0.94	58.09 4.65 -1.75	108.12 6.86 -17.61	89.59 5.09 -25.95	71.41 3.37 -27.44	69.55 3.00 -30.43	60.85 2.58 -24.37	53.73 2.48 -17.32	46.09 2.82 -7.10
CPV_VALLEY___CC1 323721	32.73 0.80 0.00	31.66 0.74 0.00	31.25 0.73 0.00	30.88 0.66 0.00	31.29 0.79 0.00	34.41 0.97 0.00	44.61 1.55 0.00	52.95 1.39 0.00	47.35 1.22 0.97	38.28 1.59 5.05	39.40 1.74 6.92	38.55 1.70 5.59	37.89 1.76 5.89	37.32 1.74 5.73	38.32 1.84 5.33	40.88 1.83 4.42	45.70 2.22 8.20	81.83 2.60 4.41	63.67 1.87 -3.25	50.37 1.34 -8.44	53.88 1.12 -16.63	48.34 1.12 -13.32	44.69 1.29 -9.47	41.43 1.37 -3.88
CPV_VALLEY___CC2 323722	32.73 0.80 0.00	31.66 0.74 0.00	31.25 0.73 0.00	30.88 0.66 0.00	31.29 0.79 0.00	34.41 0.97 0.00	44.61 1.55 0.00	52.95 1.39 0.00	47.35 1.22 0.97	38.28 1.59 5.05	39.40 1.74 6.92	38.55 1.70 5.59	37.89 1.76 5.89	37.32 1.74 5.73	38.32 1.84 5.33	40.88 1.83 4.42	45.70 2.22 8.20	81.83 2.60 4.41	63.67 1.87 -3.25	50.37 1.34 -8.44	53.88 1.12 -16.63	48.34 1.12 -13.32	44.69 1.29 -9.47	41.43 1.37 -3.88
CRESCENT___HYD 24018	33.01 1.09 0.00	31.97 1.05 0.00	31.56 1.04 0.00	31.21 1.00 0.00	31.59 1.10 0.00	34.71 1.27 0.00	44.96 1.89 0.00	53.56 2.01 0.00	49.32 1.93 -0.29	45.32 2.09 -1.49	49.31 2.67 -2.05	46.56 2.46 -1.66	46.19 2.44 -1.74	45.41 2.40 -1.70	45.86 2.47 -1.58	47.35 2.56 -1.31	57.16 3.05 -2.43	115.34 4.51 -27.17	102.06 3.22 -40.29	85.61 2.27 -42.73	85.71 2.02 -47.57	73.90 1.90 -38.10	62.98 1.97 -27.07	49.44 2.17 -11.10
CRICKET___VALLEY_CC1 323756	33.43 1.50 0.00	32.28 1.36 0.00	31.86 1.34 0.00	31.48 1.27 0.00	31.90 1.40 0.00	35.14 1.70 0.00	45.52 2.45 0.00	54.03 2.47 0.00	50.07 2.26 -0.71	48.00 2.59 -3.67	52.56 2.94 -5.03	49.36 2.84 -4.07	49.19 2.90 -4.28	48.34 2.85 -4.17	48.66 2.97 -3.87	49.65 2.96 -3.22	61.11 3.46 -5.96	105.63 4.51 -17.47	83.52 3.22 -21.75	63.82 2.27 -20.95	58.39 2.02 -20.24	52.08 1.97 -16.21	47.60 2.14 -11.52	43.21 2.32 -4.72
CRICKET___VALLEY_CC2 323757	33.43 1.50 0.00	32.28 1.36 0.00	31.86 1.34 0.00	31.48 1.27 0.00	31.90 1.40 0.00	35.14 1.70 0.00	45.52 2.45 0.00	54.03 2.47 0.00	50.07 2.26 -0.71	48.00 2.59 -3.67	52.56 2.94 -5.03	49.36 2.84 -4.07	49.19 2.90 -4.28	48.34 2.85 -4.17	48.66 2.97 -3.87	49.65 2.96 -3.22	61.11 3.46 -5.96	105.63 4.51 -17.47	83.52 3.22 -21.75	63.82 2.27 -20.95	58.39 2.02 -20.24	52.08 1.97 -16.21	47.60 2.14 -11.52	43.21 2.32 -4.72
CRICKET___VALLEY_CC3 323758	33.43 1.50 0.00	32.28 1.36 0.00	31.86 1.34 0.00	31.48 1.27 0.00	31.90 1.40 0.00	35.14 1.70 0.00	45.52 2.45 0.00	54.03 2.47 0.00	50.07 2.26 -0.71	48.00 2.59 -3.67	52.56 2.94 -5.03	49.36 2.84 -4.07	49.19 2.90 -4.28	48.34 2.85 -4.17	48.66 2.97 -3.87	49.65 2.96 -3.22	61.11 3.46 -5.96	105.63 4.51 -17.47	83.52 3.22 -21.75	63.82 2.27 -20.95	58.39 2.02 -20.24	52.08 1.97 -16.21	47.60 2.14 -11.52	43.21 2.32 -4.72
CRUCIBLE_METL_DRP 24180	31.70 -0.22 0.00	30.70 -0.22 0.00	30.31 -0.21 0.00	29.97 -0.24 0.00	30.25 -0.24 0.00	33.20 -0.23 0.00	42.72 -0.34 0.00	50.83 -0.72 0.00	46.50 -0.57 0.04	41.21 -0.25 0.28	43.76 -0.45 0.38	41.71 -0.42 0.31	41.27 -0.42 0.32	40.59 -0.41 0.32	41.02 -0.50 0.29	42.80 -0.43 0.24	50.92 -0.31 0.45	84.68 -0.25 -1.28	61.07 -0.06 -2.58	43.69 0.00 -3.09	40.00 -0.07 -3.94	36.96 -0.10 -3.16	35.91 -0.27 -2.24	36.87 -0.22 -0.92
DAHOWA___HYDRO 323763	33.17 1.24 0.00	32.16 1.24 0.00	31.77 1.25 0.00	31.36 1.15 0.00	31.78 1.28 0.00	34.94 1.51 0.00	45.43 2.37 0.00	54.08 2.53 0.00	49.77 2.40 -0.27	45.66 2.50 -1.42	49.57 3.03 -1.95	46.61 2.59 -1.58	46.15 2.48 -1.66	45.37 2.44 -1.62	45.74 2.42 -1.50	47.38 2.65 -1.25	57.31 3.31 -2.31	117.92 5.19 -29.09	105.67 3.63 -43.49	89.38 2.48 -46.30	90.17 2.24 -51.80	77.54 2.14 -41.50	65.53 2.10 -29.49	50.65 2.39 -12.09
DANC___LFGE 323619	31.29 -0.64 0.00	30.27 -0.65 0.00	29.85 -0.67 0.00	29.55 -0.66 0.00	29.85 -0.64 0.00	32.73 -0.70 0.00	42.25 -0.82 0.00	50.52 -1.03 0.00	46.16 -0.90 0.04	40.83 -0.71 0.20	43.33 -0.98 0.27	41.21 -1.02 0.22	40.73 -1.05 0.23	40.18 -0.91 0.23	40.73 -0.88 0.21	42.61 -0.70 0.17	50.90 -0.47 0.32	84.54 -0.42 -1.31	60.29 -0.35 -2.09	42.69 -0.20 -2.29	38.50 -0.29 -2.66	35.73 -0.31 -2.13	34.87 -0.58 -1.51	36.14 -0.65 -0.62
DANSKAMMER___1 23586	33.49 1.56 0.00	32.34 1.42 0.00	31.93 1.40 0.00	31.54 1.33 0.00	31.96 1.46 0.00	35.14 1.70 0.00	45.65 2.58 0.00	54.13 2.58 0.00	49.67 2.40 -0.17	45.28 2.67 -0.87	48.64 2.86 -1.19	46.17 2.76 -0.96	45.89 2.86 -1.02	45.12 2.81 -0.99	45.70 2.97 -0.92	47.24 3.00 -0.76	56.72 3.62 -1.41	98.96 4.85 -10.46	77.86 3.51 -15.79	59.85 2.35 -16.89	57.19 2.06 -19.01	51.06 1.93 -15.23	46.86 2.10 -10.82	42.89 2.28 -4.44
DANSKAMMER___2 23589	33.49 1.56 0.00	32.34 1.42 0.00	31.93 1.40 0.00	31.54 1.33 0.00	31.96 1.46 0.00	35.14 1.70 0.00	45.65 2.58 0.00	54.13 2.58 0.00	49.67 2.40 -0.17	45.28 2.67 -0.87	48.64 2.86 -1.19	46.17 2.76 -0.96	45.89 2.86 -1.02	45.12 2.81 -0.99	45.70 2.97 -0.92	47.24 3.00 -0.76	56.72 3.62 -1.41	98.96 4.85 -10.46	77.86 3.51 -15.79	59.85 2.35 -16.89	57.19 2.06 -19.01	51.06 1.93 -15.23	46.86 2.10 -10.82	42.89 2.28 -4.44
DANSKAMMER___3 23590	33.49 1.56 0.00	32.34 1.42 0.00	31.93 1.40 0.00	31.54 1.33 0.00	31.96 1.46 0.00	35.14 1.70 0.00	45.65 2.58 0.00	54.13 2.58 0.00	49.67 2.40 -0.17	45.28 2.67 -0.87	48.64 2.86 -1.19	46.17 2.76 -0.96	45.89 2.86 -1.02	45.12 2.81 -0.99	45.70 2.97 -0.92	47.24 3.00 -0.76	56.72 3.62 -1.41	98.96 4.85 -10.46	77.86 3.51 -15.79	59.85 2.35 -16.89	57.19 2.06 -19.01	51.06 1.93 -15.23	46.86 2.10 -10.82	42.89 2.28 -4.44
DANSKAMMER___4 23591	33.49 1.56 0.00	32.34 1.42 0.00	31.93 1.40 0.00	31.54 1.33 0.00	31.96 1.46 0.00	35.14 1.70 0.00	45.65 2.58 0.00	54.13 2.58 0.00	49.67 2.40 -0.17	45.28 2.67 -0.87	48.64 2.86 -1.19	46.17 2.76 -0.96	45.89 2.86 -1.02	45.12 2.81 -0.99	45.70 2.97 -0.92	47.24 3.00 -0.76	56.72 3.62 -1.41	98.96 4.85 -10.46	77.86 3.51 -15.79	59.85 2.35 -16.89	57.19 2.06 -19.01	51.06 1.93 -15.23	46.86 2.10 -10.82	42.89 2.28 -4.44
DANSKAMMER___DIESEL 23592	33.49 1.56 0.00	32.37 1.45 0.00	31.92 1.40 0.00	31.57 1.36 0.00	31.90 1.40 0.00	35.14 1.71 0.00	45.61 2.54 0.00	54.18 2.63 0.00	49.64 2.40 -0.14	45.24 2.63 -0.87	48.59 2.81 -1.19	46.17 2.76 -0.96	45.84 2.81 -1.02	45.08 2.77 -0.99	45.66 2.93 -0.92	47.24 3.00 -0.76	56.67 3.57 -1.41	99.89 4.85 -11.39	78.58 3.51 -16.52	60.28 2.35 -17.33	57.23 2.10 -19.01	51.09 1.97 -15.23	46.86 2.10 -10.82	42.92 2.31 -4.44

DARBY___SOLAR 323810	33.17 1.24 0.00	32.16 1.24 0.00	31.77 1.25 0.00	31.36 1.15 0.00	31.78 1.28 0.00	34.94 1.51 0.00	45.39 2.32 0.00	54.03 2.47 0.00	49.73 2.35 -0.28	45.64 2.46 -1.44	49.54 2.99 -1.97	46.67 2.63 -1.59	46.16 2.48 -1.67	45.39 2.44 -1.63	45.80 2.47 -1.52	47.43 2.70 -1.26	57.33 3.31 -2.33	117.63 5.10 -28.88	105.25 3.57 -43.13	88.98 2.48 -45.90	89.66 2.20 -51.33	77.12 2.10 -41.11	65.25 2.10 -29.21	50.50 2.35 -11.98
DASHVILLE___HYD 23610	33.17 1.25 0.00	32.03 1.11 0.00	31.62 1.10 0.00	31.24 1.03 0.00	31.59 1.10 0.00	34.77 1.34 0.00	45.05 1.98 0.00	53.46 1.91 0.00	49.24 2.07 -0.07	44.42 2.25 -0.43	47.49 2.32 -0.58	45.21 2.29 -0.47	44.86 2.35 -0.50	44.12 2.31 -0.48	44.73 2.47 -0.45	46.37 2.52 -0.37	55.32 2.95 -0.69	97.66 2.26 -11.75	78.20 1.70 -17.96	61.01 1.10 -19.31	59.03 1.01 -21.89	52.38 0.95 -17.53	47.51 1.12 -12.46	42.51 1.23 -5.11
DEERFIELD_69_KV_DEERFIELD LD 355887	35.93 3.99 -0.01	34.57 3.65 0.00	33.97 3.45 0.00	33.57 3.35 0.00	34.03 3.54 0.00	37.89 4.45 -0.01	50.53 6.12 -1.35	57.38 5.83 0.00	53.89 5.79 -1.00	52.51 5.63 -5.14	59.93 6.46 -8.88	56.67 6.20 -8.03	54.10 6.09 -6.00	59.70 6.16 -12.23	59.88 6.31 -11.75	63.04 6.48 -13.08	71.82 7.80 -12.33	117.29 12.21 -21.43	113.68 8.78 -46.35	80.33 6.01 -33.72	78.76 5.20 -37.43	64.18 4.85 -25.43	57.64 5.23 -18.48	49.21 5.61 -7.44
DELAWARE___LFGE 323621	32.98 1.05 0.00	31.91 0.99 0.00	31.50 0.98 0.00	31.15 0.94 0.00	31.50 1.01 0.00	34.64 1.20 0.00	44.79 1.72 0.00	53.26 1.70 0.00	48.61 1.60 0.08	43.04 1.79 0.49	45.74 1.83 0.67	43.69 1.78 0.54	43.20 1.76 0.57	42.54 1.78 0.56	43.14 1.84 0.52	45.00 1.96 0.43	53.21 2.33 0.80	93.52 3.35 -6.53	72.33 2.40 -11.38	55.32 1.79 -12.94	53.34 1.55 -15.66	47.87 1.42 -12.54	44.24 1.39 -8.91	41.38 1.56 -3.65
DERFIELD_115KV_TB7 355931	31.99 0.06 0.00	30.98 0.06 0.00	30.58 0.06 0.00	30.24 0.03 0.00	30.56 0.06 0.00	33.54 0.10 0.00	43.24 0.17 0.00	51.97 0.41 0.00	47.47 0.38 0.00	42.11 0.38 0.00	45.08 0.49 0.00	42.87 0.42 0.00	42.43 0.42 0.00	41.73 0.41 0.00	42.23 0.42 0.00	43.91 0.43 0.00	52.20 0.52 0.00	84.07 0.42 0.00	58.84 0.29 0.00	40.80 0.20 0.00	36.31 0.18 0.00	34.07 0.17 0.00	34.10 0.17 0.00	36.35 0.18 0.00
DOGLEVILLE___HYD 23807	32.76 0.83 0.00	31.69 0.77 0.00	31.28 0.76 0.00	30.94 0.72 0.00	31.29 0.79 0.00	34.34 0.90 0.00	44.32 1.25 0.00	53.31 1.75 0.00	48.70 1.60 0.00	43.20 1.46 0.00	46.19 1.60 0.00	43.93 1.48 0.00	43.44 1.43 0.00	42.64 1.32 0.00	43.19 1.38 0.00	44.87 1.39 0.00	53.39 1.70 0.00	85.82 2.17 0.00	60.07 1.52 0.00	41.70 1.10 0.00	37.06 0.94 0.00	34.78 0.88 0.00	34.78 0.85 0.00	37.11 0.94 0.00
DUNKIRK___115KV_TB_200 55889	32.89 0.96 0.00	32.00 1.08 0.00	31.68 1.16 0.00	31.27 1.06 0.00	31.53 1.04 0.00	34.44 1.00 0.00	43.15 0.09 0.00	50.78 -0.77 0.00	46.67 -0.38 0.05	41.39 0.00 0.35	43.26 -0.85 0.48	41.30 -0.76 0.38	40.72 -0.88 0.40	40.14 -0.79 0.39	40.28 -1.17 0.37	42.22 -0.96 0.30	50.14 -0.98 0.56	83.90 -1.59 -1.84	61.23 -0.94 -3.62	44.52 -0.37 -4.29	41.12 -0.43 -5.42	37.50 -0.75 -4.34	36.14 -0.88 -3.09	37.18 -0.25 -1.27
DUNKIRK___1 23563	32.89 0.96 0.00	32.00 1.08 0.00	31.68 1.16 0.00	31.27 1.06 0.00	31.53 1.04 0.00	34.44 1.00 0.00	43.15 0.09 0.00	50.78 -0.77 0.00	46.67 -0.38 0.05	41.39 0.00 0.35	43.26 -0.85 0.48	41.30 -0.76 0.38	40.72 -0.88 0.40	40.14 -0.79 0.39	40.28 -1.17 0.37	42.22 -0.96 0.30	50.14 -0.98 0.56	83.90 -1.59 -1.84	61.23 -0.94 -3.62	44.52 -0.37 -4.29	41.12 -0.43 -5.42	37.50 -0.75 -4.34	36.14 -0.88 -3.09	37.18 -0.25 -1.27
DUNKIRK___2 23564	32.89 0.96 0.00	32.00 1.08 0.00	31.68 1.16 0.00	31.27 1.06 0.00	31.53 1.04 0.00	34.44 1.00 0.00	43.15 0.09 0.00	50.78 -0.77 0.00	46.67 -0.38 0.05	41.39 0.00 0.35	43.26 -0.85 0.48	41.30 -0.76 0.38	40.72 -0.88 0.40	40.14 -0.79 0.39	40.28 -1.17 0.37	42.22 -0.96 0.30	50.14 -0.98 0.56	83.90 -1.59 -1.84	61.23 -0.94 -3.62	44.52 -0.37 -4.29	41.12 -0.43 -5.42	37.50 -0.75 -4.34	36.14 -0.88 -3.09	37.18 -0.25 -1.27
DUNKIRK___3 23565	32.76 0.83 0.00	31.88 0.96 0.00	31.56 1.04 0.00	31.18 0.97 0.00	31.44 0.95 0.00	34.31 0.87 0.00	42.98 -0.09 0.00	50.52 -1.03 0.00	46.44 -0.61 0.05	41.18 -0.21 0.35	43.08 -1.03 0.48	41.13 -0.93 0.39	40.56 -1.05 0.41	39.97 -0.95 0.40	40.11 -1.34 0.37	42.00 -1.17 0.30	49.88 -1.24 0.57	83.49 -2.01 -1.85	60.95 -1.23 -3.63	44.33 -0.57 -4.30	40.99 -0.58 -5.44	37.38 -0.88 -4.36	36.05 -0.98 -3.10	37.08 -0.36 -1.27
DUNKIRK___4 23566	32.82 0.89 0.00	31.97 1.05 0.00	31.65 1.13 0.00	31.24 1.03 0.00	31.47 0.98 0.00	34.37 0.94 0.00	43.07 0.00 0.00	50.57 -0.98 0.00	46.48 -0.57 0.05	41.27 -0.13 0.34	43.13 -0.98 0.47	41.17 -0.89 0.38	40.60 -1.01 0.40	40.02 -0.91 0.39	40.15 -1.30 0.36	42.05 -1.13 0.30	49.94 -1.19 0.56	83.63 -1.84 -1.82	60.95 -1.17 -3.57	44.35 -0.49 -4.24	40.95 -0.54 -5.36	37.35 -0.85 -4.30	36.04 -0.95 -3.05	37.10 -0.33 -1.25
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.46 1.53 0.00	32.31 1.39 0.00	31.83 1.31 0.00	31.51 1.30 0.00	31.84 1.34 0.00	35.21 1.77 0.00	45.74 2.67 0.00	54.34 2.78 0.00	50.69 2.59 -1.00	49.77 2.88 -5.15	54.72 3.08 -7.06	51.17 3.01 -5.71	51.09 3.07 -6.01	50.23 3.06 -5.85	50.43 3.18 -5.44	51.17 3.17 -4.52	63.77 3.72 -8.37	110.12 5.02 -21.46	86.49 3.63 -24.31	65.04 2.48 -21.96	57.19 2.17 -18.90	51.11 2.07 -15.14	47.00 2.31 -10.76	43.04 2.46 -4.41
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.17 1.25 0.00	32.06 1.14 0.00	31.65 1.13 0.00	31.30 1.09 0.00	31.62 1.13 0.00	34.84 1.40 0.00	45.18 2.11 0.00	53.62 2.06 0.00	48.60 1.88 0.38	42.20 2.17 1.70	44.52 2.27 2.34	42.81 2.25 1.89	42.33 2.31 1.99	41.70 2.31 1.94	42.44 2.43 1.80	44.46 2.48 1.49	51.81 2.89 2.77	92.56 3.85 -5.06	72.68 2.75 -11.38	56.52 1.87 -14.05	56.30 1.66 -18.51	50.32 1.59 -14.83	46.20 1.73 -10.54	42.37 1.88 -4.32
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.75 1.82 0.00	32.59 1.67 0.00	32.08 1.56 0.00	31.73 1.51 0.00	32.05 1.56 0.00	35.28 1.84 0.00	45.61 2.54 0.00	53.93 2.37 0.00	50.27 2.17 -1.00	49.43 2.55 -5.15	54.28 2.63 -7.06	50.74 2.59 -5.70	50.75 2.73 -6.01	49.85 2.69 -5.85	50.05 2.80 -5.43	50.77 2.78 -4.51	63.25 3.20 -8.36	109.28 4.18 -21.45	85.79 2.93 -24.31	64.55 1.99 -21.96	56.69 1.66 -18.90	50.94 1.90 -15.14	47.03 2.34 -10.76	43.40 2.82 -4.41
E179THST_13_KV_LOAD 356214	33.88 1.95 0.00	32.68 1.76 0.00	32.20 1.68 0.00	31.85 1.63 0.00	32.17 1.68 0.00	35.41 1.97 0.00	45.82 2.76 0.00	54.13 2.58 0.00	50.50 2.40 -1.00	49.60 2.71 -5.15	54.45 2.81 -7.06	50.95 2.80 -5.70	50.92 2.90 -6.01	50.06 2.89 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.51 3.46 -8.36	109.70 4.60 -21.45	86.08 3.22 -24.31	64.75 2.19 -21.96	56.87 1.84 -18.90	51.07 2.03 -15.14	47.17 2.48 -10.76	43.58 3.00 -4.41

EAST HAMPTON___GT 23717	36.28 4.34 -0.01	34.82 3.90 0.00	34.24 3.72 0.00	33.81 3.59 0.00	34.37 3.87 0.00	38.29 4.85 -0.01	51.18 6.76 -1.35	58.00 6.44 0.00	54.12 6.03 -0.99	53.05 6.18 -5.14	60.56 7.09 -8.88	57.22 6.75 -8.03	54.52 6.51 -6.00	60.03 6.49 -12.23	60.38 6.82 -11.75	63.61 7.04 -13.08	72.64 8.63 -12.33	117.48 13.47 -20.36	113.73 9.66 -45.52	80.48 6.66 -33.22	79.26 5.71 -37.43	64.69 5.35 -25.44	58.08 5.67 -18.48	49.68 6.07 -7.44
EAST RIVER___6 23660	33.37 1.44 0.00	32.19 1.27 0.00	31.71 1.19 0.00	31.33 1.12 0.00	31.78 1.28 0.00	35.07 1.64 0.00	45.65 2.58 0.00	54.18 2.63 0.00	50.54 2.45 -1.00	49.73 2.84 -5.15	54.64 2.99 -7.07	51.08 2.93 -5.71	51.05 3.03 -6.01	50.15 2.98 -5.85	50.35 3.09 -5.44	51.04 3.04 -4.52	63.73 3.67 -8.37	108.81 4.77 -20.40	85.37 3.34 -23.49	64.38 2.31 -21.47	56.94 1.91 -18.90	51.00 1.97 -15.14	46.93 2.24 -10.76	42.97 2.39 -4.41
EAST RIVER___7 23524	33.37 1.44 0.00	32.19 1.27 0.00	31.71 1.19 0.00	31.33 1.12 0.00	31.78 1.28 0.00	35.07 1.64 0.00	45.65 2.58 0.00	54.18 2.63 0.00	50.54 2.45 -1.00	49.73 2.84 -5.15	54.64 2.99 -7.07	51.08 2.93 -5.71	51.05 3.03 -6.01	50.15 2.98 -5.85	50.35 3.09 -5.44	51.04 3.04 -4.52	63.73 3.67 -8.37	108.81 4.77 -20.40	85.37 3.34 -23.49	64.38 2.31 -21.47	56.94 1.91 -18.90	51.00 1.97 -15.14	46.93 2.24 -10.76	42.97 2.39 -4.41
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.43 1.50 0.00	32.31 1.39 0.00	31.83 1.31 0.00	31.48 1.27 0.00	31.84 1.34 0.00	35.17 1.74 0.00	45.69 2.63 0.00	54.24 2.68 0.00	50.63 2.50 -1.03	49.83 2.80 -5.29	54.83 2.99 -7.26	51.24 2.93 -5.87	51.17 2.98 -6.18	50.31 2.97 -6.01	50.50 3.09 -5.59	51.21 3.09 -4.64	63.90 3.62 -8.60	110.28 4.85 -21.78	86.57 3.45 -24.56	65.10 2.40 -22.10	57.10 2.10 -18.88	51.02 2.00 -15.12	46.92 2.24 -10.74	42.96 2.39 -4.40
EAST_HAMPTON___DIESEL 23722	36.31 4.37 -0.01	34.82 3.90 0.00	34.24 3.72 0.00	33.81 3.59 0.00	34.37 3.87 0.00	38.29 4.85 -0.01	51.18 6.76 -1.35	58.00 6.44 0.00	54.12 6.03 -0.99	53.05 6.18 -5.14	60.56 7.09 -8.88	57.22 6.75 -8.03	54.56 6.55 -6.00	60.03 6.49 -12.23	60.42 6.86 -11.75	63.61 7.04 -13.08	72.64 8.63 -12.33	117.48 13.47 -20.36	113.79 9.72 -45.52	80.52 6.70 -33.22	79.30 5.74 -37.43	64.69 5.35 -25.44	58.11 5.70 -18.48	49.68 6.07 -7.44
EAST_PULASKI___ESR 323781	31.19 -0.73 0.00	30.21 -0.71 0.00	29.82 -0.70 0.00	29.49 -0.73 0.00	29.79 -0.70 0.00	32.67 -0.77 0.00	41.99 -1.08 0.00	50.01 -1.55 0.00	45.78 -1.32 0.00	40.51 -1.00 0.23	43.02 -1.25 0.31	40.96 -1.23 0.25	40.53 -1.22 0.27	39.90 -1.16 0.26	40.40 -1.17 0.24	42.19 -1.09 0.20	50.33 -0.98 0.37	83.29 -1.34 -0.94	59.62 -0.94 -2.00	42.40 -0.61 -2.41	38.60 -0.61 -3.09	35.87 -0.51 -2.48	34.98 -0.71 -1.76	36.13 -0.76 -0.72
EAST_RIVER___1 323558	33.46 1.53 0.00	32.28 1.36 0.00	31.80 1.28 0.00	31.45 1.24 0.00	31.87 1.37 0.00	35.17 1.74 0.00	45.74 2.67 0.00	54.29 2.73 0.00	50.63 2.54 -1.00	49.77 2.88 -5.15	54.73 3.07 -7.07	51.13 2.97 -5.71	51.13 3.11 -6.01	50.23 3.06 -5.85	50.43 3.18 -5.44	51.13 3.13 -4.52	63.83 3.77 -8.37	108.90 4.85 -20.40	85.55 3.51 -23.49	64.46 2.39 -21.47	57.01 1.99 -18.90	51.11 2.07 -15.14	47.03 2.34 -10.76	43.07 2.49 -4.41
EAST_RIVER___2 323559	33.37 1.44 0.00	32.19 1.27 0.00	31.71 1.19 0.00	31.33 1.12 0.00	31.78 1.28 0.00	35.07 1.64 0.00	45.65 2.58 0.00	54.18 2.63 0.00	50.54 2.45 -1.00	49.73 2.84 -5.15	54.64 2.99 -7.07	51.08 2.93 -5.71	51.05 3.03 -6.01	50.15 2.98 -5.85	50.35 3.09 -5.44	51.04 3.04 -4.52	63.73 3.67 -8.37	108.81 4.77 -20.40	85.37 3.34 -23.49	64.38 2.31 -21.47	56.94 1.91 -18.90	51.00 1.97 -15.14	46.93 2.24 -10.76	42.97 2.39 -4.41
EAST___DELAWARE_HYD 23607	33.56 1.63 0.00	32.40 1.48 0.00	31.99 1.46 0.00	31.58 1.36 0.00	32.02 1.52 0.00	35.17 1.74 0.00	45.65 2.58 0.00	54.13 2.58 0.00	49.11 2.31 0.29	42.67 2.46 1.53	44.94 2.45 2.09	43.13 2.38 1.69	42.67 2.44 1.78	41.90 2.31 1.73	42.71 2.51 1.61	44.75 2.61 1.34	52.56 3.36 2.48	93.24 4.77 -4.83	73.10 3.45 -11.09	56.68 2.31 -13.77	56.35 1.99 -18.24	50.37 1.86 -14.61	46.32 2.00 -10.38	42.63 2.21 -4.26
EIGHT_POINT___WT_PWR 323820	33.56 1.63 0.00	32.59 1.67 0.00	32.20 1.68 0.00	31.91 1.69 0.00	32.14 1.65 0.00	35.11 1.67 0.00	44.36 1.29 0.00	52.59 1.03 0.00	47.92 0.89 0.07	42.65 1.30 0.38	44.46 0.40 0.52	42.54 0.51 0.42	41.90 0.33 0.44	41.26 0.37 0.43	41.46 0.04 0.40	43.41 0.26 0.33	51.69 0.62 0.62	86.86 0.92 -2.29	63.69 0.82 -4.32	46.43 0.77 -5.06	43.42 0.98 -6.31	39.47 0.51 -5.06	37.87 0.34 -3.59	38.58 0.94 -1.47
ELBRIDGE_115KV_TB2 80188	31.58 -0.35 0.00	30.58 -0.34 0.00	30.19 -0.34 0.00	29.88 -0.33 0.00	30.16 -0.34 0.00	33.07 -0.37 0.00	42.59 -0.47 0.00	50.57 -0.98 0.00	46.31 -0.75 0.04	41.04 -0.42 0.28	43.57 -0.62 0.39	41.54 -0.59 0.31	41.09 -0.59 0.33	40.42 -0.58 0.32	40.85 -0.67 0.30	42.62 -0.61 0.25	50.71 -0.52 0.46	84.31 -0.67 -1.33	60.88 -0.35 -2.68	43.60 -0.20 -3.20	39.96 -0.25 -4.09	36.90 -0.27 -3.27	35.82 -0.44 -2.33	36.73 -0.40 -0.95
ELEC_TRO_TEK 24086	34.15 2.20 -0.02	32.93 2.01 0.00	32.41 1.89 0.00	32.03 1.81 0.00	32.42 1.92 0.00	35.86 2.41 -0.02	48.88 3.40 -2.42	54.70 3.14 0.00	51.30 3.20 -1.00	50.25 3.38 -5.14	58.76 3.83 -10.34	56.01 3.69 -9.87	51.80 3.78 -6.01	62.34 3.76 -17.26	62.40 3.85 -16.74	67.15 3.83 -19.85	92.09 4.39 -36.01	111.11 6.02 -21.44	126.51 4.22 -63.74	86.53 2.92 -43.00	90.76 2.60 -52.03	73.68 2.54 -37.24	60.61 2.95 -23.72	48.82 3.15 -9.50
ELLENBURG_WT_PWR 323604	32.95 1.02 0.00	31.94 1.02 0.00	31.53 1.01 0.00	31.24 1.03 0.00	31.35 0.85 0.00	34.04 0.60 0.00	43.71 0.65 0.00	52.22 0.67 0.00	47.47 0.38 0.00	42.11 0.37 0.00	44.85 0.27 0.00	42.75 0.30 0.00	42.05 0.04 0.00	41.36 0.04 0.00	41.73 -0.08 0.00	43.22 -0.26 0.00	51.07 -0.62 0.00	83.15 -0.50 0.00	57.79 -0.76 0.00	40.44 -0.16 0.00	36.13 0.00 0.00	33.80 -0.10 0.00	33.80 -0.14 0.00	36.42 0.25 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.28 0.35 0.00	31.45 0.53 0.00	31.10 0.58 0.00	30.73 0.51 0.00	30.98 0.49 0.00	33.84 0.40 0.00	42.20 -0.86 0.00	49.49 -2.06 0.00	45.59 -1.46 0.05	40.48 -0.92 0.34	42.29 -1.83 0.47	40.37 -1.70 0.38	39.85 -1.76 0.40	39.28 -1.65 0.39	39.37 -2.09 0.36	41.27 -1.91 0.30	48.91 -2.22 0.55	81.74 -3.68 -1.77	59.64 -2.40 -3.49	43.40 -1.34 -4.14	40.11 -1.26 -5.25	36.61 -1.49 -4.20	35.36 -1.56 -2.99	36.45 -0.94 -1.22
EMPIRE_CC_1 323656	32.28 0.35 0.00	31.26 0.34 0.00	30.86 0.34 0.00	30.52 0.30 0.00	30.89 0.40 0.00	33.87 0.43 0.00	43.84 0.78 0.00	52.12 0.57 0.00	47.98 0.61 -0.27	44.05 0.92 -1.39	48.15 1.65 -1.91	45.52 1.53 -1.55	45.19 1.56 -1.63	44.43 1.53 -1.58	44.88 1.59 -1.47	46.35 1.65 -1.22	55.86 1.91 -2.27	104.05 2.85 -17.56	85.23 2.05 -24.64	67.47 1.46 -25.41	64.68 1.30 -27.25	56.99 1.26 -21.83	50.77 1.32 -15.51	43.98 1.45 -6.36

EMPIRE_CC_2 323658	32.28 0.35 0.00	31.26 0.34 0.00	30.86 0.34 0.00	30.52 0.30 0.00	30.89 0.40 0.00	33.87 0.43 0.00	43.84 0.78 0.00	52.12 0.57 0.00	47.98 0.61 -0.27	44.05 0.92 -1.39	48.15 1.65 -1.91	45.52 1.53 -1.55	45.19 1.56 -1.63	44.43 1.53 -1.58	44.88 1.59 -1.47	46.35 1.65 -1.22	55.86 1.91 -2.27	104.05 2.85 -17.56	85.23 2.05 -24.64	67.47 1.46 -25.41	64.68 1.30 -27.25	56.99 1.26 -21.83	50.77 1.32 -15.51	43.98 1.45 -6.36
ENORWICH_115KV_TB1 80156	35.09 3.16 0.00	34.01 3.09 0.00	33.54 3.02 0.00	33.15 2.93 0.00	33.64 3.14 0.00	36.95 3.51 0.00	47.85 4.78 0.00	57.28 5.72 0.00	52.06 5.04 0.07	45.89 4.59 0.44	48.53 4.55 0.61	46.29 4.33 0.49	45.49 3.99 0.52	45.07 4.26 0.50	45.65 4.31 0.47	47.83 4.74 0.39	57.32 6.36 0.72	97.74 10.29 -3.81	72.86 7.38 -6.94	53.81 5.20 -8.02	50.31 4.30 -9.88	45.72 3.90 -7.92	43.05 3.50 -5.62	42.35 3.87 -2.31
ERIE_ST__34_KV_TB1-2 80199	33.27 1.34 0.00	32.40 1.48 0.00	32.08 1.56 0.00	31.66 1.45 0.00	31.93 1.43 0.00	34.87 1.44 0.00	43.58 0.52 0.00	51.14 -0.41 0.00	47.00 -0.05 0.05	41.73 0.33 0.34	43.62 -0.49 0.47	41.64 -0.42 0.38	41.11 -0.50 0.40	40.52 -0.41 0.39	40.62 -0.84 0.36	42.57 -0.61 0.30	50.56 -0.57 0.56	84.53 -0.92 -1.80	61.57 -0.53 -3.55	44.77 -0.04 -4.21	41.31 -0.14 -5.33	37.69 -0.47 -4.27	36.36 -0.61 -3.03	37.56 0.14 -1.24
ERIE_WT_PWR 323693	32.66 0.73 0.00	31.82 0.90 0.00	31.47 0.95 0.00	31.15 0.94 0.00	31.38 0.88 0.00	34.17 0.73 0.00	42.77 -0.30 0.00	50.32 -1.24 0.00	45.95 -1.08 0.07	40.98 -0.42 0.34	42.60 -1.52 0.47	40.75 -1.32 0.38	40.23 -1.39 0.40	39.69 -1.24 0.39	39.82 -1.63 0.36	41.74 -1.43 0.30	49.47 -1.66 0.56	82.89 -2.68 -1.92	60.48 -1.70 -3.63	43.91 -0.93 -4.25	40.60 -0.83 -5.30	36.93 -1.22 -4.25	35.73 -1.22 -3.02	36.97 -0.43 -1.24
ESPRGFLD_115KV_TB1 80157	33.24 1.31 0.00	32.16 1.24 0.00	31.77 1.25 0.00	31.39 1.18 0.00	31.81 1.31 0.00	35.01 1.57 0.00	45.43 2.37 0.00	54.08 2.53 0.00	49.51 2.31 -0.11	44.60 2.34 -0.53	47.63 2.32 -0.73	45.20 2.16 -0.59	44.81 2.18 -0.62	44.11 2.19 -0.60	44.63 2.26 -0.56	46.46 2.52 -0.46	55.85 3.31 -0.86	108.86 5.27 -19.94	93.07 3.69 -30.84	76.59 2.64 -33.35	76.43 2.24 -38.06	66.32 1.93 -30.49	57.36 1.76 -21.66	46.97 1.92 -8.88
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.79 0.86 0.00	31.76 0.83 0.00	31.34 0.82 0.00	31.00 0.79 0.00	31.32 0.82 0.00	34.37 0.94 0.00	44.31 1.25 0.00	52.84 1.29 0.00	48.22 1.18 0.06	42.69 1.34 0.38	45.22 1.16 0.53	43.08 1.06 0.43	42.61 1.05 0.45	41.96 1.07 0.44	42.37 0.96 0.41	44.32 1.17 0.34	52.82 1.76 0.62	88.97 2.93 -2.39	65.28 2.17 -4.57	47.55 1.58 -5.36	44.11 1.26 -6.72	40.37 1.08 -5.39	38.61 0.85 -3.83	38.75 1.01 -1.57
ETNA_____115KV_TB2 80207	32.79 0.86 0.00	31.76 0.83 0.00	31.34 0.82 0.00	31.00 0.79 0.00	31.32 0.82 0.00	34.37 0.94 0.00	44.31 1.25 0.00	52.84 1.29 0.00	48.22 1.18 0.06	42.69 1.34 0.38	45.22 1.16 0.53	43.08 1.06 0.43	42.61 1.05 0.45	41.96 1.07 0.44	42.37 0.96 0.41	44.32 1.17 0.34	52.82 1.76 0.62	88.97 2.93 -2.39	65.28 2.17 -4.57	47.55 1.58 -5.36	44.11 1.26 -6.72	40.37 1.08 -5.39	38.61 0.85 -3.83	38.75 1.01 -1.57
EUCLID___115KV_TB2 356179	31.29 -0.64 0.00	30.30 -0.62 0.00	29.94 -0.58 0.00	29.61 -0.60 0.00	29.89 -0.61 0.00	32.77 -0.67 0.00	42.16 -0.90 0.00	50.01 -1.55 0.00	45.79 -1.27 0.03	40.56 -0.92 0.26	43.11 -1.11 0.36	41.09 -1.06 0.29	40.65 -1.05 0.31	39.99 -1.03 0.30	40.45 -1.09 0.28	42.20 -1.04 0.23	50.17 -1.09 0.43	83.28 -1.51 -1.14	59.88 -1.00 -2.32	42.78 -0.61 -2.79	39.09 -0.61 -3.58	36.13 -0.64 -2.87	35.23 -0.75 -2.04	36.25 -0.76 -0.84
E_CANADA_CAP_HY 24051	33.14 1.21 0.00	32.07 1.14 0.00	31.71 1.19 0.00	31.30 1.09 0.00	31.75 1.25 0.00	34.94 1.51 0.00	45.52 2.45 0.00	54.18 2.63 0.00	49.63 2.35 -0.17	45.02 2.38 -0.90	48.36 2.54 -1.24	45.74 2.29 -1.00	45.41 2.35 -1.05	44.70 2.35 -1.02	45.15 2.38 -0.95	47.01 2.74 -0.79	56.87 3.72 -1.46	114.67 6.03 -25.00	100.72 4.16 -38.01	84.24 2.84 -40.80	84.70 2.46 -46.11	72.98 2.14 -36.94	62.15 1.97 -26.25	49.06 2.13 -10.76
E_CANADA_MHWK_HY 24050	32.76 0.83 0.00	31.69 0.77 0.00	31.28 0.76 0.00	30.94 0.72 0.00	31.29 0.79 0.00	34.34 0.90 0.00	44.32 1.25 0.00	53.31 1.75 0.00	48.70 1.60 0.00	43.20 1.46 0.00	46.19 1.60 0.00	43.93 1.48 0.00	43.44 1.43 0.00	42.64 1.32 0.00	43.19 1.38 0.00	44.87 1.39 0.00	53.39 1.70 0.00	85.82 2.17 0.00	60.07 1.52 0.00	41.70 1.10 0.00	37.06 0.94 0.00	34.78 0.88 0.00	34.78 0.85 0.00	37.11 0.94 0.00
E_FISHKILL___LBMP 23776	33.30 1.37 0.00	32.19 1.27 0.00	31.74 1.22 0.00	31.39 1.18 0.00	31.72 1.22 0.00	35.01 1.57 0.00	45.43 2.37 0.00	53.93 2.37 0.00	50.05 2.21 -0.74	48.05 2.50 -3.81	52.53 2.72 -5.22	49.30 2.63 -4.22	49.18 2.73 -4.44	48.33 2.69 -4.33	48.64 2.80 -4.02	49.64 2.83 -3.34	61.18 3.31 -6.19	106.38 4.35 -18.38	83.65 3.10 -22.00	63.37 2.11 -20.65	57.14 1.91 -19.10	51.03 1.83 -15.30	46.84 2.04 -10.87	42.83 2.21 -4.46
FALCON___SEABRD_CC1 323796	33.37 1.44 0.00	32.34 1.42 0.00	31.90 1.37 0.00	31.61 1.39 0.00	31.68 1.19 0.00	34.24 0.80 0.00	43.88 0.82 0.00	52.22 0.67 0.00	47.47 0.38 0.00	42.36 0.63 0.00	45.16 0.58 0.00	43.00 0.55 0.00	42.31 0.30 0.00	41.61 0.29 0.00	41.98 0.17 0.00	43.48 0.00 0.00	51.17 -0.52 0.00	83.23 -0.42 0.00	57.73 -0.82 0.00	40.72 0.12 0.00	36.34 0.22 0.00	34.00 0.10 0.00	34.00 0.07 0.00	36.86 0.69 0.00
FALCON___SEABRD_CC2 323797	33.37 1.44 0.00	32.34 1.42 0.00	31.90 1.37 0.00	31.61 1.39 0.00	31.68 1.19 0.00	34.24 0.80 0.00	43.88 0.82 0.00	52.22 0.67 0.00	47.47 0.38 0.00	42.36 0.63 0.00	45.16 0.58 0.00	43.00 0.55 0.00	42.31 0.30 0.00	41.61 0.29 0.00	41.98 0.17 0.00	43.48 0.00 0.00	51.17 -0.52 0.00	83.23 -0.42 0.00	57.73 -0.82 0.00	40.72 0.12 0.00	36.34 0.22 0.00	34.00 0.10 0.00	34.00 0.07 0.00	36.86 0.69 0.00
FAR ROCKAWAY___4 23548	34.66 2.71 -0.02	33.39 2.47 0.00	32.84 2.32 0.00	32.48 2.27 0.00	32.88 2.38 0.00	36.40 2.94 -0.02	49.30 4.09 -2.15	55.12 3.56 -0.01	51.68 3.58 -1.00	50.59 3.71 -5.14	59.10 4.55 -9.97	56.22 4.37 -9.40	52.48 4.45 -6.01	61.35 4.05 -15.99	61.47 4.18 -15.47	65.79 4.17 -18.13	134.64 4.91 -78.05	111.94 6.86 -21.44	122.68 4.80 -59.33	84.62 3.37 -40.65	87.45 3.00 -48.32	79.65 2.88 -42.87	59.35 3.22 -22.19	48.83 3.76 -8.90
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.49 1.56 0.00	32.34 1.42 0.00	31.83 1.31 0.00	31.51 1.30 0.00	31.84 1.34 0.00	35.21 1.77 0.00	45.78 2.71 0.00	54.34 2.78 0.00	50.74 2.64 -1.00	49.81 2.92 -5.15	54.68 3.03 -7.07	51.13 2.97 -5.71	51.09 3.07 -6.01	50.23 3.06 -5.85	50.39 3.14 -5.44	51.13 3.13 -4.52	63.78 3.72 -8.37	110.05 4.94 -21.46	86.44 3.57 -24.32	64.96 2.40 -21.96	57.08 2.06 -18.90	51.11 2.07 -15.14	47.07 2.38 -10.76	43.15 2.57 -4.41

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.49 1.56 0.00	32.34 1.42 0.00	31.86 1.34 0.00	31.51 1.30 0.00	31.84 1.34 0.00	35.21 1.77 0.00	45.78 2.71 0.00	54.34 2.78 0.00	50.74 2.64 -1.00	49.81 2.92 -5.15	54.68 3.03 -7.07	51.13 2.97 -5.71	51.09 3.07 -6.01	50.23 3.06 -5.85	50.39 3.14 -5.44	51.13 3.13 -4.52	63.78 3.72 -8.37	110.05 4.94 -21.46	86.44 3.57 -24.32	64.96 2.40 -21.96	57.08 2.06 -18.90	51.11 2.07 -15.14	47.07 2.38 -10.76	43.15 2.57 -4.41
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.46 1.53 0.00	32.31 1.39 0.00	31.83 1.31 0.00	31.48 1.27 0.00	31.84 1.34 0.00	35.17 1.74 0.00	45.74 2.67 0.00	54.34 2.78 0.00	50.69 2.59 -1.00	49.81 2.92 -5.15	54.64 2.99 -7.07	51.09 2.93 -5.71	51.09 3.07 -6.01	50.19 3.02 -5.85	50.39 3.14 -5.44	51.13 3.13 -4.52	63.73 3.67 -8.37	110.05 4.94 -21.46	86.38 3.51 -24.32	64.96 2.40 -21.96	57.05 2.02 -18.90	51.07 2.03 -15.14	47.03 2.34 -10.76	43.11 2.53 -4.41
FARRAGUT___LBMP 323566	33.46 1.53 0.00	32.31 1.39 0.00	31.80 1.28 0.00	31.48 1.27 0.00	31.81 1.31 0.00	35.17 1.74 0.00	45.69 2.63 0.00	54.29 2.73 0.00	50.64 2.54 -1.00	49.77 2.88 -5.15	54.60 2.94 -7.07	51.04 2.89 -5.71	51.05 3.02 -6.01	50.15 2.97 -5.85	50.35 3.09 -5.44	51.08 3.09 -4.52	63.68 3.62 -8.37	109.96 4.85 -21.46	86.32 3.45 -24.32	64.92 2.35 -21.96	57.01 1.99 -18.90	51.04 2.00 -15.14	47.00 2.31 -10.76	43.11 2.53 -4.41
FENNER___WINDPWR 24204	32.66 0.73 0.00	31.63 0.71 0.00	31.22 0.70 0.00	30.88 0.66 0.00	31.23 0.73 0.00	34.27 0.84 0.00	44.27 1.20 0.00	53.00 1.44 0.00	48.42 1.37 0.05	42.87 1.38 0.25	45.58 1.34 0.34	43.41 1.23 0.27	42.90 1.17 0.29	42.24 1.20 0.28	42.72 1.17 0.26	44.65 1.39 0.22	53.14 1.86 0.40	87.79 2.76 -1.39	63.11 1.93 -2.63	45.06 1.38 -3.08	41.09 1.12 -3.85	37.93 0.95 -3.08	36.91 0.78 -2.19	37.93 0.87 -0.90
FIBERTEK___ENERGY 23856	31.70 -0.22 0.00	30.70 -0.22 0.00	30.31 -0.21 0.00	29.97 -0.24 0.00	30.25 -0.24 0.00	33.20 -0.23 0.00	42.72 -0.34 0.00	50.83 -0.72 0.00	46.50 -0.57 0.04	41.21 -0.25 0.28	43.76 -0.45 0.38	41.71 -0.42 0.31	41.27 -0.42 0.32	40.59 -0.41 0.32	41.02 -0.50 0.29	42.80 -0.43 0.24	50.92 -0.31 0.45	84.68 -0.25 -1.28	61.07 -0.06 -2.58	43.69 0.00 -3.09	40.00 -0.07 -3.94	36.96 -0.10 -3.16	35.91 -0.27 -2.24	36.87 -0.22 -0.92
FITZPATRICK____ 23598	30.81 -1.12 0.00	29.84 -1.08 0.00	29.45 -1.07 0.00	29.16 -1.06 0.00	29.43 -1.07 0.00	32.27 -1.17 0.00	41.47 -1.59 0.00	49.39 -2.16 0.00	45.12 -1.93 0.04	39.98 -1.54 0.21	42.51 -1.78 0.29	40.56 -1.66 0.24	40.12 -1.64 0.25	39.47 -1.61 0.24	39.92 -1.67 0.22	41.60 -1.70 0.19	49.43 -1.91 0.35	82.05 -2.93 -1.34	58.69 -1.99 -2.13	41.60 -1.34 -2.34	37.62 -1.23 -2.72	34.89 -1.19 -2.18	34.23 -1.25 -1.55	35.50 -1.30 -0.63
FLOWRFLD_69_KV_BK1 356044	35.07 3.13 -0.01	33.73 2.81 0.00	33.18 2.66 0.00	32.78 2.57 0.00	33.21 2.71 0.00	36.89 3.44 -0.01	49.25 4.82 -1.36	55.88 4.33 0.00	52.53 4.43 -1.00	51.34 4.47 -5.14	58.74 5.26 -8.90	55.54 5.05 -8.04	53.01 5.00 -6.00	58.67 5.08 -12.27	58.83 5.23 -11.79	61.84 5.22 -13.14	70.36 6.10 -12.58	114.36 9.28 -21.43	111.66 6.62 -46.49	78.90 4.51 -33.80	77.57 3.90 -37.54	63.14 3.70 -25.54	56.63 4.17 -18.52	48.07 4.45 -7.45
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.56 1.63 0.00	32.44 1.52 0.00	31.99 1.47 0.00	31.63 1.42 0.00	31.96 1.46 0.00	35.21 1.77 0.00	45.69 2.63 0.00	54.29 2.73 0.00	49.86 2.54 -0.22	45.74 2.75 -1.25	49.19 2.90 -1.71	46.67 2.84 -1.38	46.37 2.90 -1.46	45.63 2.89 -1.42	46.18 3.05 -1.32	47.66 3.09 -1.09	57.38 3.67 -2.03	101.05 5.10 -12.30	79.48 3.69 -17.24	60.81 2.44 -17.77	57.34 2.17 -19.04	51.19 2.03 -15.25	46.94 2.17 -10.84	43.00 2.39 -4.44
FORT ORANGE____ 23900	32.06 0.13 0.00	31.08 0.16 0.00	30.71 0.18 0.00	30.37 0.15 0.00	30.74 0.24 0.00	33.64 0.20 0.00	43.58 0.52 0.00	51.76 0.21 0.00	47.78 0.42 -0.26	43.84 0.75 -1.35	48.27 1.83 -1.86	45.65 1.70 -1.50	45.27 1.68 -1.58	44.51 1.65 -1.54	45.00 1.76 -1.43	46.58 1.91 -1.19	56.11 2.22 -2.20	108.20 3.18 -21.37	92.05 2.28 -31.22	75.09 1.63 -32.87	73.85 1.48 -36.24	64.29 1.36 -29.03	55.95 1.39 -20.63	46.18 1.55 -8.46
FORT_DRUM_COGEN 23780	31.61 -0.32 0.00	30.58 -0.34 0.00	30.12 -0.40 0.00	29.82 -0.39 0.00	30.16 -0.34 0.00	33.00 -0.43 0.00	42.76 -0.30 0.00	51.40 -0.15 0.00	46.96 -0.14 0.00	41.57 -0.17 0.00	44.18 -0.40 0.00	41.89 -0.55 0.00	41.42 -0.59 0.00	40.91 -0.41 0.00	41.48 -0.33 0.00	43.43 -0.04 0.00	52.15 0.47 0.00	85.65 1.00 -1.00	60.73 0.59 -1.60	42.76 0.41 -1.75	38.42 0.25 -2.04	35.70 0.17 -1.63	34.93 -0.17 -1.16	36.36 -0.29 -0.48
FOX_HILLS___ESR 323835	33.65 1.72 0.00	32.47 1.55 0.00	31.96 1.43 0.00	31.60 1.39 0.00	31.93 1.43 0.00	35.21 1.77 0.00	45.69 2.63 0.00	54.13 2.58 0.00	50.50 2.40 -1.00	49.64 2.75 -5.15	54.41 2.76 -7.06	50.70 2.55 -5.70	50.66 2.65 -6.01	49.77 2.60 -5.85	49.97 2.72 -5.43	50.73 2.74 -4.51	63.10 3.05 -8.36	109.11 4.02 -21.45	85.73 2.87 -24.31	64.47 1.91 -21.96	56.69 1.66 -18.90	50.80 1.76 -15.14	46.80 2.10 -10.76	42.97 2.39 -4.41
FPL_FAR_ROCK_GT1 24212	34.66 2.71 -0.02	33.33 2.41 0.00	32.81 2.29 0.00	32.39 2.18 0.00	32.88 2.38 0.00	36.40 2.94 -0.02	49.04 3.83 -2.15	55.07 3.51 -0.01	51.43 3.34 -0.99	50.59 3.71 -5.14	59.15 4.59 -9.97	56.26 4.41 -9.40	52.52 4.50 -6.01	61.73 4.42 -15.99	61.51 4.22 -15.47	65.79 4.17 -18.13	134.74 5.01 -78.05	110.88 6.86 -20.37	121.85 4.80 -58.50	84.16 3.41 -40.15	87.41 2.96 -48.32	79.69 2.92 -42.87	59.35 3.23 -22.19	48.80 3.73 -8.90
FPL_FAR_ROCK_GT2 23815	34.66 2.71 -0.02	33.33 2.41 0.00	32.81 2.29 0.00	32.39 2.18 0.00	32.88 2.38 0.00	36.40 2.94 -0.02	49.04 3.83 -2.15	55.07 3.51 -0.01	51.43 3.34 -0.99	50.59 3.71 -5.14	59.15 4.59 -9.97	56.26 4.41 -9.40	52.52 4.50 -6.01	61.73 4.42 -15.99	61.51 4.22 -15.47	65.79 4.17 -18.13	134.74 5.01 -78.05	110.88 6.86 -20.37	121.85 4.80 -58.50	84.16 3.41 -40.15	87.41 2.96 -48.32	79.69 2.92 -42.87	59.35 3.23 -22.19	48.80 3.73 -8.90
FRANKLIN_FALL_HYD 24054	33.14 1.21 0.00	32.13 1.21 0.00	31.68 1.16 0.00	31.42 1.21 0.00	31.56 1.07 0.00	34.21 0.77 0.00	44.10 1.03 0.00	52.79 1.24 0.00	47.99 0.89 0.00	42.32 0.58 0.00	45.17 0.58 0.00	43.04 0.59 0.00	42.43 0.42 0.00	41.73 0.41 0.00	42.15 0.33 0.00	43.70 0.22 0.00	52.05 0.36 0.00	84.32 0.67 0.00	58.55 0.00 0.00	40.88 0.28 0.00	36.56 0.43 0.00	34.24 0.34 0.00	34.24 0.31 0.00	36.75 0.58 0.00
FREEPORT_EQUS_GT1 23764	34.46 2.52 -0.01	33.12 2.20 0.00	32.57 2.05 0.00	32.18 1.96 0.00	32.66 2.17 0.00	36.19 2.74 -0.01	48.76 3.88 -1.82	54.96 3.40 0.00	51.34 3.25 -0.99	50.55 3.67 -5.14	58.35 4.24 -9.52	55.32 4.03 -8.84	52.14 4.12 -6.00	59.77 4.01 -14.44	59.94 4.18 -13.94	63.71 4.17 -16.06	90.05 4.75 -33.62	110.20 6.19 -20.37	116.11 4.39 -53.17	80.99 3.08 -37.30	82.76 2.78 -43.85	69.36 2.88 -32.58	57.92 3.26 -20.72	47.96 3.47 -8.32

FREEPORT___CT2 23818	34.46 2.52 -0.01	33.12 2.20 0.00	32.57 2.05 0.00	32.18 1.96 0.00	32.66 2.17 0.00	36.19 2.74 -0.01	48.76 3.88 -1.82	54.96 3.40 0.00	51.34 3.25 -0.99	50.55 3.67 -5.14	58.35 4.24 -9.52	55.32 4.03 -8.84	52.14 4.12 -6.00	59.77 4.01 -14.44	59.94 4.18 -13.94	63.71 4.17 -16.06	90.05 4.75 -33.62	110.20 6.19 -20.37	116.11 4.39 -53.17	80.99 3.08 -37.30	82.76 2.78 -43.85	69.36 2.88 -32.58	57.92 3.26 -20.72	47.96 3.47 -8.32
FRESHKLS_33_KV_LOAD 356253	33.68 1.76 0.00	32.50 1.58 0.00	31.96 1.43 0.00	31.63 1.42 0.00	31.93 1.43 0.00	35.21 1.77 0.00	45.69 2.63 0.00	54.08 2.53 0.00	50.46 2.35 -1.00	49.56 2.67 -5.15	54.32 2.68 -7.06	50.48 2.33 -5.70	50.49 2.48 -6.00	49.60 2.44 -5.85	49.79 2.55 -5.43	50.56 2.57 -4.51	62.99 2.95 -8.36	108.86 3.76 -21.45	85.54 2.69 -24.30	64.34 1.79 -21.95	56.57 1.55 -18.89	50.69 1.66 -15.13	46.65 1.97 -10.75	42.81 2.24 -4.40
FULTON COGEN____ 23766	31.32 -0.61 0.00	30.30 -0.62 0.00	29.94 -0.58 0.00	29.61 -0.60 0.00	29.89 -0.61 0.00	32.77 -0.67 0.00	42.16 -0.90 0.00	50.11 -1.44 0.00	45.89 -1.18 0.03	40.69 -0.79 0.25	43.21 -1.03 0.35	41.19 -0.98 0.28	40.75 -0.97 0.29	40.08 -0.95 0.29	40.55 -1.00 0.27	42.30 -0.96 0.22	50.34 -0.93 0.41	83.48 -1.25 -1.08	59.95 -0.82 -2.22	42.74 -0.53 -2.66	39.04 -0.51 -3.42	36.13 -0.51 -2.74	35.24 -0.64 -1.94	36.32 -0.65 -0.80
FULTON___LFGE 323630	34.80 2.87 0.00	33.70 2.78 0.00	33.39 2.87 0.00	32.87 2.66 0.00	33.45 2.96 0.00	36.85 3.41 0.00	48.14 5.08 0.00	56.97 5.41 0.00	52.11 4.81 -0.20	47.22 4.42 -1.06	50.90 4.86 -1.45	47.95 4.33 -1.17	47.83 4.58 -1.24	46.95 4.42 -1.20	47.36 4.43 -1.12	49.67 5.26 -0.93	60.38 6.97 -1.72	122.54 11.80 -27.09	107.60 8.02 -41.03	89.95 5.40 -43.95	90.41 4.73 -49.55	77.76 4.17 -39.69	66.01 3.87 -28.20	52.04 4.30 -11.56
G.F.CEMENT___DRP 24184	33.21 1.28 0.00	32.19 1.27 0.00	31.83 1.31 0.00	31.42 1.21 0.00	31.81 1.31 0.00	35.01 1.57 0.00	45.61 2.54 0.00	54.34 2.78 0.00	49.96 2.59 -0.27	45.85 2.71 -1.40	49.76 3.25 -1.92	46.67 2.67 -1.55	46.08 2.44 -1.63	45.31 2.40 -1.59	45.68 2.38 -1.48	47.36 2.65 -1.23	57.37 3.41 -2.28	118.24 5.44 -29.15	106.22 3.81 -43.87	90.09 2.64 -46.85	91.03 2.28 -52.62	78.26 2.20 -42.15	65.99 2.10 -29.95	50.91 2.46 -12.28
GARDENVILLE___LBMP 24039	32.50 0.57 0.00	31.63 0.71 0.00	31.31 0.79 0.00	30.91 0.69 0.00	31.17 0.67 0.00	34.04 0.60 0.00	42.51 -0.56 0.00	49.85 -1.70 0.00	45.92 -1.13 0.05	40.77 -0.63 0.34	42.60 -1.52 0.47	40.67 -1.40 0.38	40.10 -1.51 0.40	39.53 -1.40 0.39	39.66 -1.80 0.36	41.53 -1.65 0.30	49.27 -1.86 0.56	82.35 -3.09 -1.80	60.09 -1.99 -3.54	43.74 -1.06 -4.19	40.43 -1.01 -5.31	36.90 -1.25 -4.25	35.63 -1.32 -3.02	36.69 -0.72 -1.24
GARDNVLA_35_KV_LD 355827	32.69 0.77 0.00	31.82 0.90 0.00	31.50 0.98 0.00	31.09 0.88 0.00	31.35 0.85 0.00	34.24 0.80 0.00	42.76 -0.30 0.00	50.16 -1.39 0.00	46.20 -0.85 0.05	41.02 -0.38 0.34	42.87 -1.25 0.47	40.92 -1.15 0.38	40.35 -1.26 0.40	39.77 -1.16 0.39	39.91 -1.55 0.36	41.79 -1.39 0.30	49.58 -1.55 0.56	82.93 -2.51 -1.79	60.50 -1.58 -3.53	44.01 -0.77 -4.18	40.67 -0.76 -5.30	37.09 -1.05 -4.24	35.83 -1.12 -3.02	36.90 -0.51 -1.24
GELCKHM___115KV_LOAD 80723	31.45 -0.48 0.00	30.46 -0.46 0.00	30.06 -0.46 0.00	29.73 -0.48 0.00	30.01 -0.49 0.00	32.93 -0.50 0.00	42.38 -0.69 0.00	50.32 -1.24 0.00	46.03 -1.04 0.04	40.80 -0.67 0.27	43.32 -0.89 0.37	41.34 -0.81 0.30	40.90 -0.80 0.32	40.19 -0.83 0.31	40.65 -0.88 0.29	42.42 -0.83 0.24	50.42 -0.83 0.44	83.84 -1.00 -1.19	60.33 -0.64 -2.43	43.11 -0.41 -2.91	39.46 -0.40 -3.73	36.45 -0.44 -2.99	35.48 -0.58 -2.12	36.50 -0.54 -0.87
GENERAL___MILLS 23808	32.63 0.70 0.00	31.76 0.83 0.00	31.44 0.92 0.00	31.03 0.82 0.00	31.29 0.79 0.00	34.17 0.74 0.00	42.68 -0.39 0.00	50.06 -1.50 0.00	46.11 -0.94 0.05	40.94 -0.46 0.34	42.78 -1.34 0.47	40.84 -1.23 0.38	40.27 -1.34 0.40	39.69 -1.24 0.39	39.82 -1.63 0.36	41.70 -1.48 0.30	49.47 -1.65 0.56	82.68 -2.76 -1.79	60.32 -1.76 -3.53	43.89 -0.89 -4.19	40.56 -0.87 -5.30	37.03 -1.12 -4.25	35.76 -1.19 -3.02	36.86 -0.54 -1.24
GE_PLASTICS___DRP 24183	32.28 0.35 0.00	31.29 0.37 0.00	30.92 0.40 0.00	30.58 0.36 0.00	30.86 0.37 0.00	33.87 0.43 0.00	43.84 0.78 0.00	52.17 0.62 0.00	48.02 0.66 -0.27	44.10 1.00 -1.36	48.24 1.78 -1.87	45.66 1.70 -1.51	45.28 1.68 -1.59	44.56 1.69 -1.55	44.97 1.71 -1.44	46.50 1.83 -1.20	55.97 2.07 -2.22	106.28 3.09 -19.54	89.35 2.22 -28.58	72.29 1.58 -30.11	70.79 1.45 -33.22	61.87 1.36 -26.61	54.27 1.43 -18.91	45.48 1.56 -7.75
GILBOA___1 23756	32.60 0.67 0.00	31.54 0.62 0.00	31.16 0.64 0.00	30.79 0.57 0.00	31.17 0.67 0.00	34.21 0.77 0.00	44.27 1.20 0.00	52.53 0.98 0.00	48.30 1.03 -0.17	43.90 1.30 -0.87	47.38 1.60 -1.19	44.94 1.53 -0.96	44.54 1.51 -1.01	43.84 1.53 -0.99	44.28 1.55 -0.92	45.85 1.61 -0.76	54.80 1.70 -1.41	96.66 2.00 -11.00	75.91 1.46 -15.89	58.46 1.22 -16.64	55.49 1.16 -18.21	49.57 1.08 -14.58	45.55 1.26 -10.36	41.79 1.37 -4.25
GILBOA___2 23757	32.60 0.67 0.00	31.54 0.62 0.00	31.16 0.64 0.00	30.79 0.57 0.00	31.17 0.67 0.00	34.21 0.77 0.00	44.27 1.20 0.00	52.53 0.98 0.00	48.30 1.03 -0.17	43.90 1.30 -0.87	47.38 1.60 -1.19	44.94 1.53 -0.96	44.54 1.51 -1.01	43.84 1.53 -0.99	44.28 1.55 -0.92	45.85 1.61 -0.76	54.80 1.70 -1.41	96.66 2.00 -11.00	75.91 1.46 -15.89	58.46 1.22 -16.64	55.49 1.16 -18.21	49.57 1.08 -14.58	45.55 1.26 -10.36	41.79 1.37 -4.25
GILBOA___3 23758	32.60 0.67 0.00	31.54 0.62 0.00	31.16 0.64 0.00	30.79 0.57 0.00	31.17 0.67 0.00	34.21 0.77 0.00	44.27 1.20 0.00	52.53 0.98 0.00	48.30 1.03 -0.17	43.90 1.30 -0.87	47.38 1.60 -1.19	44.94 1.53 -0.96	44.54 1.51 -1.01	43.84 1.53 -0.99	44.28 1.55 -0.92	45.85 1.61 -0.76	54.80 1.70 -1.41	96.66 2.00 -11.00	75.91 1.46 -15.89	58.46 1.22 -16.64	55.49 1.16 -18.21	49.57 1.08 -14.58	45.55 1.26 -10.36	41.79 1.37 -4.25
GILBOA___4 23759	32.60 0.67 0.00	31.54 0.62 0.00	31.16 0.64 0.00	30.79 0.57 0.00	31.17 0.67 0.00	34.21 0.77 0.00	44.27 1.20 0.00	52.53 0.98 0.00	48.30 1.03 -0.17	43.90 1.30 -0.87	47.38 1.60 -1.19	44.94 1.53 -0.96	44.54 1.51 -1.01	43.84 1.53 -0.99	44.28 1.55 -0.92	45.85 1.61 -0.76	54.80 1.70 -1.41	96.66 2.00 -11.00	75.91 1.46 -15.89	58.46 1.22 -16.64	55.49 1.16 -18.21	49.57 1.08 -14.58	45.55 1.26 -10.36	41.79 1.37 -4.25
GILBOA___ 23599	32.60 0.67 0.00	31.57 0.65 0.00	31.16 0.64 0.00	30.82 0.60 0.00	31.14 0.64 0.00	34.21 0.77 0.00	44.23 1.16 0.00	52.53 0.98 0.00	48.21 0.94 -0.17	43.90 1.29 -0.87	47.34 1.56 -1.19	44.90 1.49 -0.96	44.54 1.51 -1.01	43.84 1.53 -0.99	44.28 1.55 -0.92	45.85 1.61 -0.76	54.75 1.65 -1.41	96.65 2.01 -11.00	75.90 1.46 -15.89	58.41 1.18 -16.64	55.49 1.16 -18.21	49.57 1.08 -14.58	45.55 1.26 -10.36	41.79 1.37 -4.25

GINNA____ 23603	30.08 -1.85 0.00	29.13 -1.79 0.00	28.75 -1.77 0.00	28.46 -1.75 0.00	28.73 -1.77 0.00	31.43 -2.01 0.00	40.27 -2.80 0.00	47.90 -3.66 0.00	43.93 -3.11 0.06	39.01 -2.42 0.30	41.05 -3.12 0.42	39.27 -2.84 0.34	38.76 -2.90 0.36	38.16 -2.81 0.35	38.48 -3.01 0.32	40.21 -3.00 0.27	47.93 -3.25 0.49	80.21 -5.02 -1.58	58.02 -3.51 -2.98	41.74 -2.36 -3.50	38.36 -2.13 -4.37	35.06 -2.34 -3.50	33.88 -2.55 -2.49	34.66 -2.53 -1.02
GLEN PARK____ 23778	31.64 -0.29 0.00	30.61 -0.31 0.00	30.16 -0.36 0.00	29.85 -0.36 0.00	30.16 -0.33 0.00	33.07 -0.37 0.00	42.85 -0.21 0.00	51.50 -0.05 0.00	47.02 -0.05 0.03	41.49 -0.08 0.16	44.01 -0.36 0.22	41.76 -0.51 0.18	41.28 -0.55 0.19	40.81 -0.33 0.18	41.44 -0.21 0.17	43.47 0.13 0.14	52.09 0.67 0.26	86.11 1.42 -1.04	61.09 0.88 -1.66	43.07 0.65 -1.82	38.68 0.44 -2.12	35.90 0.30 -1.70	35.04 -0.10 -1.21	36.48 -0.18 -0.49
GLENDALE_27_KV_LOAD 356172	33.72 1.79 0.00	32.53 1.61 0.00	32.02 1.50 0.00	31.70 1.48 0.00	32.02 1.52 0.00	35.34 1.91 0.00	45.86 2.80 0.00	54.44 2.89 0.00	50.78 2.68 -1.00	49.89 3.01 -5.15	54.77 3.12 -7.06	51.21 3.06 -5.70	51.17 3.15 -6.01	50.27 3.10 -5.85	50.47 3.22 -5.43	51.21 3.22 -4.51	63.82 3.77 -8.36	110.20 5.10 -21.45	86.43 3.57 -24.31	64.99 2.44 -21.96	57.08 2.06 -18.90	51.21 2.17 -15.14	47.17 2.48 -10.76	43.37 2.79 -4.41
GLENWOOD_IC_1_G5 23712	34.05 2.11 -0.02	32.84 1.92 0.00	32.32 1.80 0.00	31.97 1.75 0.00	32.36 1.86 0.00	35.79 2.34 -0.02	48.77 3.36 -2.34	54.65 3.09 0.00	51.11 3.01 -1.00	50.13 3.26 -5.14	58.43 3.61 -10.23	55.71 3.52 -9.74	51.59 3.57 -6.01	61.78 3.55 -16.91	61.88 3.68 -16.39	66.50 3.65 -19.37	85.47 4.29 -29.50	110.94 5.86 -21.44	125.22 4.16 -62.51	85.83 2.88 -42.35	89.65 2.53 -51.00	71.88 2.44 -35.54	60.08 2.75 -23.39	48.51 2.97 -9.37
GLENWOOD_IC_2_G1 23688	33.78 1.85 0.00	32.59 1.67 0.00	32.08 1.56 0.00	31.72 1.51 0.00	32.17 1.68 0.00	35.51 2.07 0.00	46.27 3.10 -0.10	54.44 2.89 0.00	50.82 2.73 -0.99	50.01 3.13 -5.14	55.24 3.48 -7.18	51.66 3.35 -5.86	51.45 3.45 -5.99	50.97 3.35 -6.31	51.22 3.51 -5.89	52.10 3.48 -5.14	64.74 4.14 -8.92	109.52 5.52 -20.36	87.50 3.86 -25.09	65.64 2.72 -22.32	58.71 2.31 -20.27	52.16 2.31 -15.95	47.84 2.61 -11.29	43.58 2.79 -4.62
GLENWOOD_IC_3_G1 23689	33.78 1.85 0.00	32.59 1.67 0.00	32.08 1.56 0.00	31.72 1.51 0.00	32.17 1.68 0.00	35.51 2.07 0.00	46.27 3.10 -0.10	54.44 2.89 0.00	50.82 2.73 -0.99	50.01 3.13 -5.14	55.24 3.48 -7.18	51.66 3.35 -5.86	51.45 3.45 -5.99	50.97 3.35 -6.31	51.22 3.51 -5.89	52.10 3.48 -5.14	64.74 4.14 -8.92	109.52 5.52 -20.36	87.50 3.86 -25.09	65.64 2.72 -22.32	58.71 2.31 -20.27	52.16 2.31 -15.95	47.84 2.61 -11.29	43.58 2.79 -4.62
GLENWOOD____4 23550	34.05 2.11 -0.02	32.84 1.92 0.00	32.32 1.80 0.00	31.97 1.75 0.00	32.36 1.86 0.00	35.79 2.34 -0.02	48.77 3.36 -2.34	54.70 3.14 0.00	51.21 3.11 -1.00	50.17 3.30 -5.14	58.47 3.66 -10.23	55.75 3.57 -9.74	51.67 3.65 -6.01	61.86 3.64 -16.91	61.92 3.72 -16.39	66.59 3.74 -19.37	85.52 4.34 -29.50	111.11 6.02 -21.44	125.28 4.22 -62.51	85.87 2.92 -42.35	89.69 2.56 -51.00	71.95 2.51 -35.54	60.11 2.78 -23.39	48.54 3.00 -9.37
GLENWOOD____5 23614	34.05 2.11 -0.02	32.84 1.92 0.00	32.32 1.80 0.00	31.97 1.75 0.00	32.36 1.86 0.00	35.79 2.34 -0.02	48.77 3.36 -2.34	54.70 3.14 0.00	51.21 3.11 -1.00	50.17 3.30 -5.14	58.47 3.66 -10.23	55.75 3.57 -9.74	51.67 3.65 -6.01	61.86 3.64 -16.91	61.92 3.72 -16.39	66.59 3.74 -19.37	85.52 4.34 -29.50	111.11 6.02 -21.44	125.28 4.22 -62.51	85.87 2.92 -42.35	89.69 2.56 -51.00	71.95 2.51 -35.54	60.11 2.78 -23.39	48.54 3.00 -9.37
GLOBAL GREEN_PORT_GT1 23814	36.22 4.28 -0.01	34.75 3.83 0.00	34.18 3.66 0.00	33.75 3.53 0.00	34.31 3.81 0.00	38.23 4.78 -0.01	51.09 6.68 -1.35	57.89 6.34 0.00	54.02 5.93 -0.99	52.97 6.09 -5.14	60.47 7.00 -8.88	57.14 6.66 -8.03	54.48 6.47 -6.00	59.95 6.40 -12.23	60.34 6.77 -11.75	63.52 6.95 -13.09	72.54 8.53 -12.33	117.31 13.30 -20.36	113.67 9.60 -45.52	80.44 6.62 -33.22	79.23 5.67 -37.43	64.62 5.29 -25.44	58.05 5.63 -18.48	49.61 6.01 -7.44
GLOBE____DSASP 323697	31.00 -0.93 0.00	30.18 -0.74 0.00	29.85 -0.67 0.00	29.49 -0.73 0.00	29.73 -0.76 0.00	32.43 -1.00 0.00	40.31 -2.76 0.00	47.12 -4.43 0.00	43.52 -3.53 0.05	38.65 -2.75 0.33	40.34 -3.79 0.46	38.55 -3.52 0.37	38.05 -3.57 0.39	37.47 -3.47 0.38	37.57 -3.89 0.35	39.36 -3.83 0.29	46.54 -4.60 0.54	77.66 -7.70 -1.70	56.65 -5.27 -3.37	41.31 -3.29 -4.00	38.24 -2.96 -5.07	34.91 -3.05 -4.06	33.84 -2.99 -2.89	34.89 -2.46 -1.18
GOETHSLN____LBMP 323567	33.27 1.34 0.00	32.13 1.21 0.00	31.65 1.13 0.00	31.30 1.09 0.00	31.66 1.16 0.00	35.01 1.57 0.00	45.52 2.45 0.00	54.03 2.47 0.00	50.46 2.35 -1.00	49.56 2.67 -5.15	54.37 2.72 -7.07	50.83 2.67 -5.71	50.80 2.77 -6.01	49.90 2.73 -5.85	50.10 2.84 -5.44	50.82 2.83 -4.52	63.37 3.31 -8.37	109.46 4.35 -21.46	85.97 3.10 -24.32	64.68 2.11 -21.96	56.83 1.81 -18.90	50.87 1.83 -15.14	46.83 2.14 -10.76	42.93 2.35 -4.41
GOLAH____69_KV_TB 1_2 80279	31.99 0.06 0.00	30.98 0.06 0.00	30.73 0.21 0.00	30.37 0.15 0.00	30.62 0.12 0.00	33.57 0.13 0.00	42.46 -0.60 0.00	50.11 -1.44 0.00	46.25 -0.80 0.04	41.01 -0.42 0.31	43.09 -1.07 0.42	41.13 -0.98 0.34	40.68 -0.97 0.36	39.98 -0.99 0.35	40.23 -1.25 0.33	42.08 -1.13 0.27	50.15 -1.03 0.50	83.53 -1.59 -1.47	60.56 -0.94 -2.95	43.79 -0.32 -3.52	40.18 -0.43 -4.49	36.82 -0.68 -3.59	35.67 -0.81 -2.55	36.67 -0.54 -1.05
GOODYEAR_LAKE_HYD 323669	33.21 1.28 0.00	32.13 1.21 0.00	31.71 1.19 0.00	31.36 1.15 0.00	31.75 1.25 0.00	34.91 1.47 0.00	45.18 2.11 0.00	53.77 2.22 0.00	49.17 2.07 0.00	43.72 2.17 0.19	46.51 2.18 0.26	44.31 2.08 0.21	43.85 2.06 0.22	43.21 2.11 0.22	43.79 2.17 0.20	45.66 2.35 0.17	54.27 2.89 0.31	98.64 4.43 -10.56	78.89 3.10 -17.23	61.96 2.27 -19.09	60.49 1.95 -22.42	53.59 1.73 -17.96	48.32 1.63 -12.76	43.21 1.81 -5.23
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.44 0.51 0.00	31.42 0.49 0.00	31.04 0.52 0.00	30.70 0.48 0.00	31.01 0.52 0.00	34.00 0.57 0.00	43.67 0.60 0.00	51.86 0.31 0.00	47.39 0.38 0.08	41.88 0.63 0.48	44.37 0.45 0.66	42.34 0.42 0.53	41.87 0.42 0.56	41.23 0.45 0.55	41.68 0.38 0.51	43.58 0.52 0.42	51.68 0.78 0.78	88.05 1.09 -3.31	65.65 0.88 -6.22	48.60 0.73 -7.27	45.77 0.58 -9.07	41.64 0.47 -7.26	39.43 0.34 -5.16	38.83 0.54 -2.12
GOUDEY____7 23579	32.47 0.54 0.00	31.45 0.53 0.00	31.07 0.55 0.00	30.73 0.51 0.00	31.01 0.52 0.00	34.04 0.60 0.00	43.75 0.69 0.00	51.97 0.41 0.00	47.44 0.42 0.08	41.92 0.67 0.48	44.42 0.49 0.66	42.38 0.47 0.53	41.91 0.46 0.55	41.27 0.50 0.56	41.77 0.46 0.51	43.62 0.57 0.42	51.73 0.83 0.78	88.22 1.25 -3.31	65.71 0.94 -6.22	48.64 0.77 -7.27	45.84 0.65 -9.07	41.67 0.51 -7.26	39.47 0.37 -5.16	38.86 0.58 -2.12

GODEY___8 23580	32.44 0.51 0.00	31.42 0.49 0.00	31.04 0.52 0.00	30.70 0.48 0.00	31.01 0.52 0.00	34.00 0.57 0.00	43.67 0.60 0.00	51.86 0.31 0.00	47.39 0.38 0.08	41.88 0.63 0.48	44.37 0.45 0.66	42.34 0.42 0.53	41.87 0.42 0.56	41.23 0.45 0.55	41.68 0.38 0.51	43.58 0.52 0.42	51.68 0.78 0.78	88.05 1.09 -3.31	65.65 0.88 -6.22	48.60 0.73 -7.27	45.77 0.58 -9.07	41.64 0.47 -7.26	39.43 0.34 -5.16	38.83 0.54 -2.12
GOWANUS_GT1_1 24077	33.68 1.76 0.00	32.50 1.58 0.00	31.99 1.47 0.00	31.63 1.42 0.00	31.96 1.46 0.00	35.24 1.81 0.00	45.74 2.67 0.00	54.24 2.68 0.00	50.64 2.54 -1.00	49.77 2.88 -5.15	54.54 2.90 -7.06	50.91 2.76 -5.70	50.87 2.86 -6.01	50.02 2.85 -5.85	50.18 2.93 -5.43	50.95 2.96 -4.51	63.36 3.31 -8.36	109.53 4.43 -21.45	86.02 3.16 -24.31	64.67 2.11 -21.96	56.87 1.84 -18.90	50.97 1.93 -15.14	46.93 2.24 -10.76	43.15 2.57 -4.41
GOWANUS_GT1_2 24078	33.68 1.76 0.00	32.50 1.58 0.00	31.99 1.47 0.00	31.63 1.42 0.00	31.96 1.46 0.00	35.24 1.81 0.00	45.74 2.67 0.00	54.24 2.68 0.00	50.64 2.54 -1.00	49.77 2.88 -5.15	54.54 2.90 -7.06	50.91 2.76 -5.70	50.87 2.86 -6.01	50.02 2.85 -5.85	50.18 2.93 -5.43	50.95 2.96 -4.51	63.36 3.31 -8.36	109.53 4.43 -21.45	86.02 3.16 -24.31	64.67 2.11 -21.96	56.87 1.84 -18.90	50.97 1.93 -15.14	46.93 2.24 -10.76	43.15 2.57 -4.41
GOWANUS_GT1_3 24079	33.68 1.76 0.00	32.50 1.58 0.00	31.99 1.47 0.00	31.63 1.42 0.00	31.96 1.46 0.00	35.24 1.81 0.00	45.74 2.67 0.00	54.24 2.68 0.00	50.64 2.54 -1.00	49.77 2.88 -5.15	54.54 2.90 -7.06	50.91 2.76 -5.70	50.87 2.86 -6.01	50.02 2.85 -5.85	50.18 2.93 -5.43	50.95 2.96 -4.51	63.36 3.31 -8.36	109.53 4.43 -21.45	86.02 3.16 -24.31	64.67 2.11 -21.96	56.87 1.84 -18.90	50.97 1.93 -15.14	46.93 2.24 -10.76	43.15 2.57 -4.41
GOWANUS_GT1_4 24080	33.68 1.76 0.00	32.50 1.58 0.00	31.99 1.47 0.00	31.63 1.42 0.00	31.96 1.46 0.00	35.24 1.81 0.00	45.74 2.67 0.00	54.24 2.68 0.00	50.64 2.54 -1.00	49.77 2.88 -5.15	54.54 2.90 -7.06	50.91 2.76 -5.70	50.87 2.86 -6.01	50.02 2.85 -5.85	50.18 2.93 -5.43	50.95 2.96 -4.51	63.36 3.31 -8.36	109.53 4.43 -21.45	86.02 3.16 -24.31	64.67 2.11 -21.96	56.87 1.84 -18.90	50.97 1.93 -15.14	46.93 2.24 -10.76	43.15 2.57 -4.41
GOWANUS_GT1_5 24084	33.68 1.76 0.00	32.50 1.58 0.00	31.99 1.47 0.00	31.63 1.42 0.00	31.96 1.46 0.00	35.24 1.81 0.00	45.74 2.67 0.00	54.24 2.68 0.00	50.64 2.54 -1.00	49.77 2.88 -5.15	54.54 2.90 -7.06	50.91 2.76 -5.70	50.87 2.86 -6.01	50.02 2.85 -5.85	50.18 2.93 -5.43	50.95 2.96 -4.51	63.36 3.31 -8.36	109.53 4.43 -21.45	86.02 3.16 -24.31	64.67 2.11 -21.96	56.87 1.84 -18.90	50.97 1.93 -15.14	46.93 2.24 -10.76	43.15 2.57 -4.41
GOWANUS_GT1_6 24111	33.68 1.76 0.00	32.50 1.58 0.00	31.99 1.47 0.00	31.63 1.42 0.00	31.96 1.46 0.00	35.24 1.81 0.00	45.74 2.67 0.00	54.24 2.68 0.00	50.64 2.54 -1.00	49.77 2.88 -5.15	54.54 2.90 -7.06	50.91 2.76 -5.70	50.87 2.86 -6.01	50.02 2.85 -5.85	50.18 2.93 -5.43	50.95 2.96 -4.51	63.36 3.31 -8.36	109.53 4.43 -21.45	86.02 3.16 -24.31	64.67 2.11 -21.96	56.87 1.84 -18.90	50.97 1.93 -15.14	46.93 2.24 -10.76	43.15 2.57 -4.41
GOWANUS_GT1_7 24112	33.68 1.76 0.00	32.50 1.58 0.00	31.99 1.47 0.00	31.63 1.42 0.00	31.96 1.46 0.00	35.24 1.81 0.00	45.74 2.67 0.00	54.24 2.68 0.00	50.64 2.54 -1.00	49.77 2.88 -5.15	54.54 2.90 -7.06	50.91 2.76 -5.70	50.87 2.86 -6.01	50.02 2.85 -5.85	50.18 2.93 -5.43	50.95 2.96 -4.51	63.36 3.31 -8.36	109.53 4.43 -21.45	86.02 3.16 -24.31	64.67 2.11 -21.96	56.87 1.84 -18.90	50.97 1.93 -15.14	46.93 2.24 -10.76	43.15 2.57 -4.41
GOWANUS_GT1_8 24113	33.68 1.76 0.00	32.50 1.58 0.00	31.99 1.47 0.00	31.63 1.42 0.00	31.96 1.46 0.00	35.24 1.81 0.00	45.74 2.67 0.00	54.24 2.68 0.00	50.64 2.54 -1.00	49.77 2.88 -5.15	54.54 2.90 -7.06	50.91 2.76 -5.70	50.87 2.86 -6.01	50.02 2.85 -5.85	50.18 2.93 -5.43	50.95 2.96 -4.51	63.36 3.31 -8.36	109.53 4.43 -21.45	86.02 3.16 -24.31	64.67 2.11 -21.96	56.87 1.84 -18.90	50.97 1.93 -15.14	46.93 2.24 -10.76	43.15 2.57 -4.41
GOWANUS_GT2_1 24114	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
GOWANUS_GT2_2 24115	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
GOWANUS_GT2_3 24116	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
GOWANUS_GT2_4 24117	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
GOWANUS_GT2_5 24118	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
GOWANUS_GT2_6 24119	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41

GOWANUS_GT2_7 24120	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
GOWANUS_GT2_8 24121	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
GOWANUS_GT3_1 24122	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
GOWANUS_GT3_2 24123	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
GOWANUS_GT3_3 24124	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
GOWANUS_GT3_4 24125	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
GOWANUS_GT3_5 24126	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
GOWANUS_GT3_6 24127	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
GOWANUS_GT3_7 24128	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
GOWANUS_GT3_8 24129	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
GOWANUS_GT4_1 24130	33.68 1.76 0.00	32.50 1.58 0.00	31.99 1.47 0.00	31.63 1.42 0.00	31.96 1.46 0.00	35.24 1.81 0.00	45.74 2.67 0.00	54.24 2.68 0.00	50.64 2.54 -1.00	49.77 2.88 -5.15	54.54 2.90 -7.06	50.91 2.76 -5.70	50.87 2.86 -6.01	50.02 2.85 -5.85	50.18 2.93 -5.43	50.95 2.96 -4.51	63.36 3.31 -8.36	109.53 4.43 -21.45	86.02 3.16 -24.31	64.67 2.11 -21.96	56.87 1.84 -18.90	50.97 1.93 -15.14	46.93 2.24 -10.76	43.15 2.57 -4.41
GOWANUS_GT4_2 24131	33.68 1.76 0.00	32.50 1.58 0.00	31.99 1.47 0.00	31.63 1.42 0.00	31.96 1.46 0.00	35.24 1.81 0.00	45.74 2.67 0.00	54.24 2.68 0.00	50.64 2.54 -1.00	49.77 2.88 -5.15	54.54 2.90 -7.06	50.91 2.76 -5.70	50.87 2.86 -6.01	50.02 2.85 -5.85	50.18 2.93 -5.43	50.95 2.96 -4.51	63.36 3.31 -8.36	109.53 4.43 -21.45	86.02 3.16 -24.31	64.67 2.11 -21.96	56.87 1.84 -18.90	50.97 1.93 -15.14	46.93 2.24 -10.76	43.15 2.57 -4.41
GOWANUS_GT4_3 24132	33.68 1.76 0.00	32.50 1.58 0.00	31.99 1.47 0.00	31.63 1.42 0.00	31.96 1.46 0.00	35.24 1.81 0.00	45.74 2.67 0.00	54.24 2.68 0.00	50.64 2.54 -1.00	49.77 2.88 -5.15	54.54 2.90 -7.06	50.91 2.76 -5.70	50.87 2.86 -6.01	50.02 2.85 -5.85	50.18 2.93 -5.43	50.95 2.96 -4.51	63.36 3.31 -8.36	109.53 4.43 -21.45	86.02 3.16 -24.31	64.67 2.11 -21.96	56.87 1.84 -18.90	50.97 1.93 -15.14	46.93 2.24 -10.76	43.15 2.57 -4.41
GOWANUS_GT4_4 24133	33.68 1.76 0.00	32.50 1.58 0.00	31.99 1.47 0.00	31.63 1.42 0.00	31.96 1.46 0.00	35.24 1.81 0.00	45.74 2.67 0.00	54.24 2.68 0.00	50.64 2.54 -1.00	49.77 2.88 -5.15	54.54 2.90 -7.06	50.91 2.76 -5.70	50.87 2.86 -6.01	50.02 2.85 -5.85	50.18 2.93 -5.43	50.95 2.96 -4.51	63.36 3.31 -8.36	109.53 4.43 -21.45	86.02 3.16 -24.31	64.67 2.11 -21.96	56.87 1.84 -18.90	50.97 1.93 -15.14	46.93 2.24 -10.76	43.15 2.57 -4.41
GOWANUS_GT4_5 24134	33.68 1.76 0.00	32.50 1.58 0.00	31.99 1.47 0.00	31.63 1.42 0.00	31.96 1.46 0.00	35.24 1.81 0.00	45.74 2.67 0.00	54.24 2.68 0.00	50.64 2.54 -1.00	49.77 2.88 -5.15	54.54 2.90 -7.06	50.91 2.76 -5.70	50.87 2.86 -6.01	50.02 2.85 -5.85	50.18 2.93 -5.43	50.95 2.96 -4.51	63.36 3.31 -8.36	109.53 4.43 -21.45	86.02 3.16 -24.31	64.67 2.11 -21.96	56.87 1.84 -18.90	50.97 1.93 -15.14	46.93 2.24 -10.76	43.15 2.57 -4.41

GOWANUS_GT4_6 24135	33.68 1.76 0.00	32.50 1.58 0.00	31.99 1.47 0.00	31.63 1.42 0.00	31.96 1.46 0.00	35.24 1.81 0.00	45.74 2.67 0.00	54.24 2.68 0.00	50.64 2.54 -1.00	49.77 2.88 -5.15	54.54 2.90 -7.06	50.91 2.76 -5.70	50.87 2.86 -6.01	50.02 2.85 -5.85	50.18 2.93 -5.43	50.95 2.96 -4.51	63.36 3.31 -8.36	109.53 4.43 -21.45	86.02 3.16 -24.31	64.67 2.11 -21.96	56.87 1.84 -18.90	50.97 1.93 -15.14	46.93 2.24 -10.76	43.15 2.57 -4.41
GOWANUS_GT4_7 24136	33.68 1.76 0.00	32.50 1.58 0.00	31.99 1.47 0.00	31.63 1.42 0.00	31.96 1.46 0.00	35.24 1.81 0.00	45.74 2.67 0.00	54.24 2.68 0.00	50.64 2.54 -1.00	49.77 2.88 -5.15	54.54 2.90 -7.06	50.91 2.76 -5.70	50.87 2.86 -6.01	50.02 2.85 -5.85	50.18 2.93 -5.43	50.95 2.96 -4.51	63.36 3.31 -8.36	109.53 4.43 -21.45	86.02 3.16 -24.31	64.67 2.11 -21.96	56.87 1.84 -18.90	50.97 1.93 -15.14	46.93 2.24 -10.76	43.15 2.57 -4.41
GOWANUS_GT4_8 24137	33.68 1.76 0.00	32.50 1.58 0.00	31.99 1.47 0.00	31.63 1.42 0.00	31.96 1.46 0.00	35.24 1.81 0.00	45.74 2.67 0.00	54.24 2.68 0.00	50.64 2.54 -1.00	49.77 2.88 -5.15	54.54 2.90 -7.06	50.91 2.76 -5.70	50.87 2.86 -6.01	50.02 2.85 -5.85	50.18 2.93 -5.43	50.95 2.96 -4.51	63.36 3.31 -8.36	109.53 4.43 -21.45	86.02 3.16 -24.31	64.67 2.11 -21.96	56.87 1.84 -18.90	50.97 1.93 -15.14	46.93 2.24 -10.76	43.15 2.57 -4.41
GREENBSH_115KV_TB3 55895	32.06 0.13 0.00	31.11 0.19 0.00	30.70 0.18 0.00	30.40 0.18 0.00	30.68 0.18 0.00	33.64 0.20 0.00	43.58 0.52 0.00	51.86 0.31 0.00	47.74 0.38 -0.27	43.91 0.79 -1.38	48.35 1.87 -1.90	45.76 1.78 -1.53	45.39 1.76 -1.61	44.67 1.78 -1.57	45.07 1.80 -1.46	46.65 1.96 -1.21	56.15 2.22 -2.25	108.42 3.35 -21.43	92.45 2.34 -31.56	75.67 1.71 -33.37	74.62 1.52 -36.98	64.95 1.42 -29.62	56.48 1.49 -21.05	46.43 1.63 -8.63
GREENDGE_115KV_TB5 80291	32.85 0.93 0.00	31.85 0.93 0.00	31.44 0.92 0.00	31.09 0.88 0.00	31.38 0.88 0.00	34.44 1.00 0.00	43.71 0.65 0.00	52.02 0.46 0.00	47.61 0.57 0.05	42.12 0.75 0.37	44.40 0.31 0.50	42.59 0.55 0.40	42.17 0.59 0.43	41.52 0.62 0.41	41.85 0.42 0.39	43.33 0.17 0.32	51.61 0.52 0.59	86.64 0.92 -2.07	63.39 0.82 -4.02	46.12 0.77 -4.74	42.65 0.54 -5.98	39.30 0.61 -4.79	37.64 0.31 -3.40	38.14 0.58 -1.40
GREENIDGE___3 23582	32.85 0.93 0.00	31.85 0.93 0.00	31.44 0.92 0.00	31.09 0.88 0.00	31.38 0.88 0.00	34.44 1.00 0.00	43.71 0.65 0.00	52.02 0.46 0.00	47.61 0.57 0.05	42.12 0.75 0.37	44.40 0.31 0.50	42.59 0.55 0.40	42.17 0.59 0.43	41.52 0.62 0.41	41.85 0.42 0.39	43.33 0.17 0.32	51.61 0.52 0.59	86.64 0.92 -2.07	63.39 0.82 -4.02	46.12 0.77 -4.74	42.65 0.54 -5.98	39.30 0.61 -4.79	37.64 0.31 -3.40	38.14 0.58 -1.40
GREENIDGE___4 23583	32.85 0.93 0.00	31.85 0.93 0.00	31.44 0.91 0.00	31.12 0.91 0.00	31.41 0.91 0.00	34.41 0.97 0.00	43.71 0.65 0.00	52.07 0.52 0.00	47.50 0.47 0.07	42.37 1.00 0.37	44.26 0.18 0.50	42.51 0.47 0.40	42.13 0.54 0.43	41.44 0.54 0.41	41.68 0.25 0.39	43.33 0.17 0.32	51.61 0.52 0.59	86.73 0.92 -2.16	63.46 0.82 -4.09	46.12 0.73 -4.79	43.04 0.94 -5.98	39.23 0.54 -4.79	37.64 0.30 -3.40	38.22 0.65 -1.40
GREENLWN_69_KV_BK 3 55738	34.46 2.52 -0.01	33.21 2.29 0.00	32.66 2.14 0.00	32.30 2.08 0.00	32.69 2.20 0.00	36.22 2.78 -0.01	48.37 3.92 -1.39	55.01 3.45 0.00	51.68 3.58 -1.00	50.59 3.71 -5.14	57.84 4.32 -8.93	54.74 4.20 -8.09	52.25 4.24 -6.00	57.96 4.26 -12.39	58.08 4.35 -11.91	61.09 4.30 -13.30	69.81 4.91 -13.22	112.11 7.03 -21.43	110.44 4.98 -46.91	78.07 3.45 -34.02	77.06 3.03 -37.90	62.66 2.92 -25.84	55.97 3.39 -18.65	47.29 3.62 -7.50
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.68 1.76 0.00	32.50 1.58 0.00	31.99 1.47 0.00	31.63 1.42 0.00	31.96 1.46 0.00	35.24 1.81 0.00	45.74 2.67 0.00	54.24 2.68 0.00	50.64 2.54 -1.00	49.77 2.88 -5.15	54.54 2.90 -7.06	50.91 2.76 -5.70	50.87 2.86 -6.01	50.02 2.85 -5.85	50.18 2.93 -5.43	50.95 2.96 -4.51	63.36 3.31 -8.36	109.53 4.43 -21.45	86.02 3.16 -24.31	64.67 2.11 -21.96	56.87 1.84 -18.90	50.97 1.93 -15.14	46.93 2.24 -10.76	43.15 2.57 -4.41
GRISSOM___SOLAR 323813	34.80 2.87 0.00	33.70 2.78 0.00	33.39 2.87 0.00	32.87 2.66 0.00	33.45 2.96 0.00	36.85 3.41 0.00	48.14 5.08 0.00	56.97 5.41 0.00	52.11 4.81 -0.20	47.22 4.42 -1.06	50.90 4.86 -1.45	47.95 4.33 -1.17	47.83 4.58 -1.24	46.95 4.42 -1.20	47.36 4.43 -1.12	49.67 5.26 -0.93	60.38 6.97 -1.72	122.54 11.80 -27.09	107.60 8.02 -41.03	89.95 5.40 -43.95	90.41 4.73 -49.55	77.76 4.17 -39.69	66.01 3.87 -28.20	52.04 4.30 -11.56
GROVEVILLE___HYD 323602	33.56 1.63 0.00	32.44 1.52 0.00	31.99 1.47 0.00	31.63 1.42 0.00	31.96 1.46 0.00	35.21 1.77 0.00	45.69 2.63 0.00	54.29 2.73 0.00	49.86 2.54 -0.22	45.74 2.75 -1.25	49.19 2.90 -1.71	46.67 2.84 -1.38	46.37 2.90 -1.46	45.63 2.89 -1.42	46.18 3.05 -1.32	47.66 3.09 -1.09	57.38 3.67 -2.03	101.05 5.10 -12.30	79.48 3.69 -17.24	60.81 2.44 -17.77	57.34 2.17 -19.04	51.19 2.03 -15.25	46.94 2.17 -10.84	43.00 2.39 -4.44
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.70 -0.22 0.00	30.70 -0.22 0.00	30.31 -0.21 0.00	29.97 -0.24 0.00	30.25 -0.24 0.00	33.20 -0.23 0.00	42.72 -0.34 0.00	50.83 -0.72 0.00	46.50 -0.57 0.04	41.21 -0.25 0.28	43.76 -0.45 0.38	41.71 -0.42 0.31	41.27 -0.42 0.32	40.59 -0.41 0.32	41.02 -0.50 0.29	42.80 -0.43 0.24	50.92 -0.31 0.45	84.68 -0.25 -1.28	61.07 -0.06 -2.58	43.69 0.00 -3.09	40.00 -0.07 -3.94	36.96 -0.10 -3.16	35.91 -0.27 -2.24	36.87 -0.22 -0.92
HAMLTNNY_34_KV_TB 80303	31.80 -0.13 0.00	30.80 -0.12 0.00	30.40 -0.12 0.00	30.06 -0.15 0.00	30.34 -0.15 0.00	33.30 -0.13 0.00	42.89 -0.17 0.00	50.99 -0.57 0.00	46.68 -0.38 0.04	41.37 -0.08 0.29	43.88 -0.31 0.39	41.88 -0.25 0.32	41.43 -0.25 0.33	40.71 -0.29 0.32	41.18 -0.33 0.30	42.97 -0.26 0.25	51.12 -0.10 0.46	84.99 0.00 -1.34	61.36 0.12 -2.69	43.94 0.12 -3.21	40.26 0.04 -4.10	37.15 -0.03 -3.28	36.06 -0.20 -2.33	36.95 -0.18 -0.96
HAMPSHIRE___PAPER_HYD 323593	31.74 -0.19 0.00	30.77 -0.15 0.00	30.31 -0.21 0.00	30.12 -0.09 0.00	30.16 -0.33 0.00	32.87 -0.57 0.00	42.37 -0.69 0.00	51.25 -0.31 0.00	46.72 -0.38 0.00	41.03 -0.71 0.00	43.83 -0.76 0.00	41.64 -0.81 0.00	41.17 -0.84 0.00	40.58 -0.74 0.00	41.10 -0.71 0.00	42.83 -0.65 0.00	50.91 -0.77 0.00	82.81 -0.84 0.00	57.79 -0.76 0.00	40.07 -0.53 0.00	35.73 -0.40 0.00	33.70 -0.20 0.00	33.63 -0.31 0.00	35.77 -0.40 0.00
HARDSCRABBLE_WT_PWR 323673	32.66 0.73 0.00	31.60 0.68 0.00	31.19 0.67 0.00	30.85 0.64 0.00	31.20 0.70 0.00	34.24 0.80 0.00	44.18 1.12 0.00	53.10 1.55 0.00	48.56 1.46 0.00	43.07 1.34 0.00	46.05 1.47 0.00	43.80 1.36 0.00	43.27 1.26 0.00	42.47 1.16 0.00	43.03 1.21 0.00	44.69 1.22 0.00	53.13 1.45 0.00	85.41 1.76 0.00	59.72 1.17 0.00	41.45 0.85 0.00	36.89 0.76 0.00	34.61 0.71 0.00	34.65 0.71 0.00	36.96 0.79 0.00

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.14 1.21 0.00	32.03 1.11 0.00	31.62 1.10 0.00	31.27 1.06 0.00	31.59 1.10 0.00	34.81 1.37 0.00	45.13 2.07 0.00	53.62 2.06 0.00	47.68 1.84 1.25	37.05 2.13 6.82	37.51 2.27 9.35	37.10 2.21 7.55	36.37 2.31 7.95	35.85 2.27 7.74	37.04 2.43 7.20	39.94 2.43 5.98	43.51 2.89 11.07	80.09 3.85 7.40	62.66 2.75 -1.36	50.20 1.87 -7.73	55.52 1.66 -17.73	49.70 1.59 -14.20	45.76 1.73 -10.09	42.19 1.88 -4.14
HARSNRAD_115KV_TB1 81005	31.83 -0.10 0.00	30.98 0.06 0.00	30.67 0.15 0.00	30.27 0.06 0.00	30.53 0.03 0.00	33.34 -0.10 0.00	41.00 -2.07 0.00	48.05 -3.51 0.00	44.37 -2.68 0.05	39.36 -2.05 0.33	41.10 -3.03 0.45	39.24 -2.84 0.37	38.73 -2.90 0.39	38.17 -2.77 0.38	38.25 -3.22 0.35	40.06 -3.13 0.29	47.48 -3.67 0.54	79.14 -6.19 -1.68	57.72 -4.16 -3.33	42.04 -2.52 -3.96	38.87 -2.28 -5.02	35.48 -2.44 -4.02	34.72 -2.07 -2.86	35.82 -1.52 -1.17
HARZA MOOSE__RIVER 24016	32.38 0.45 0.00	31.35 0.43 0.00	30.92 0.40 0.00	30.58 0.36 0.00	30.95 0.46 0.00	33.87 0.43 0.00	43.84 0.78 0.00	52.74 1.19 0.00	48.23 1.13 0.00	42.74 1.00 0.00	45.57 0.98 0.00	43.30 0.85 0.00	42.81 0.80 0.00	42.15 0.83 0.00	42.73 0.92 0.00	44.61 1.13 0.00	53.29 1.60 0.00	86.07 2.43 0.00	60.13 1.58 0.00	41.70 1.10 0.00	37.03 0.90 0.00	34.68 0.78 0.00	34.51 0.58 0.00	36.75 0.58 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.48 -0.45 0.00	30.49 -0.43 0.00	30.09 -0.43 0.00	29.76 -0.45 0.00	30.04 -0.46 0.00	32.93 -0.50 0.00	42.38 -0.69 0.00	50.27 -1.29 0.00	46.03 -1.04 0.04	40.80 -0.67 0.27	43.37 -0.85 0.36	41.35 -0.81 0.29	40.90 -0.80 0.31	40.23 -0.79 0.30	40.70 -0.84 0.28	42.46 -0.78 0.23	50.48 -0.78 0.43	83.83 -1.00 -1.18	60.31 -0.64 -2.41	43.08 -0.41 -2.89	39.42 -0.40 -3.69	36.42 -0.44 -2.96	35.46 -0.58 -2.10	36.45 -0.58 -0.86
HELLGATE_13_KV_LD 55870	33.62 1.69 0.00	32.44 1.52 0.00	31.96 1.43 0.00	31.60 1.39 0.00	31.93 1.43 0.00	35.24 1.81 0.00	45.65 2.58 0.00	54.08 2.53 0.00	50.50 2.40 -1.00	49.60 2.71 -5.15	54.50 2.85 -7.06	50.95 2.80 -5.70	50.92 2.90 -6.01	50.06 2.89 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.46 3.41 -8.36	109.61 4.52 -21.45	86.02 3.16 -24.31	64.71 2.15 -21.96	56.87 1.84 -18.90	51.04 2.00 -15.14	47.03 2.34 -10.76	43.29 2.71 -4.41
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.62 1.69 0.00	32.44 1.52 0.00	31.96 1.43 0.00	31.60 1.39 0.00	31.93 1.43 0.00	35.24 1.81 0.00	45.65 2.58 0.00	54.08 2.53 0.00	50.50 2.40 -1.00	49.60 2.71 -5.15	54.50 2.85 -7.06	50.95 2.80 -5.70	50.92 2.90 -6.01	50.06 2.89 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.46 3.41 -8.36	109.61 4.52 -21.45	86.02 3.16 -24.31	64.71 2.15 -21.96	56.87 1.84 -18.90	51.04 2.00 -15.14	47.03 2.34 -10.76	43.29 2.71 -4.41
HEMPSTEAD____ 23647	34.14 2.20 -0.01	32.81 1.89 0.00	32.29 1.77 0.00	31.91 1.69 0.00	32.39 1.89 0.00	35.86 2.41 -0.01	48.57 3.49 -2.02	54.54 2.99 0.00	50.96 2.87 -0.99	50.21 3.34 -5.14	58.17 3.79 -9.80	55.33 3.69 -9.19	51.75 3.74 -6.01	60.40 3.68 -15.40	60.55 3.84 -14.89	64.61 3.78 -17.35	85.78 4.45 -29.65	109.96 5.94 -20.37	119.18 4.16 -56.48	82.60 2.92 -39.07	85.28 2.53 -46.63	69.75 2.54 -33.30	58.63 2.92 -21.78	47.98 3.07 -8.74
HEWLETT__69_KV_BK3 55828	34.50 2.55 -0.02	33.24 2.32 0.00	32.72 2.20 0.00	32.33 2.12 0.00	32.72 2.23 0.00	36.20 2.74 -0.02	49.04 3.83 -2.15	55.01 3.45 -0.01	51.58 3.49 -1.00	50.50 3.63 -5.14	58.83 4.28 -9.97	56.01 4.16 -9.40	52.27 4.24 -6.01	61.31 4.01 -15.99	61.39 4.10 -15.47	65.70 4.09 -18.13	134.54 4.81 -78.05	111.78 6.69 -21.44	122.50 4.63 -59.33	84.50 3.25 -40.65	87.34 2.89 -48.32	79.59 2.81 -42.87	59.28 3.16 -22.19	48.61 3.54 -8.90
HICKLING____1 23621	33.01 1.09 0.00	32.03 1.11 0.00	31.71 1.19 0.00	31.33 1.12 0.00	31.59 1.10 0.00	34.57 1.14 0.00	44.06 0.99 0.00	52.22 0.67 0.00	47.78 0.75 0.07	42.32 1.00 0.42	44.54 0.54 0.58	42.53 0.55 0.47	41.98 0.46 0.49	41.34 0.50 0.48	41.70 0.33 0.45	43.54 0.43 0.37	51.83 0.83 0.68	87.51 1.25 -2.61	64.58 1.05 -4.98	47.38 0.93 -5.85	44.18 0.72 -7.34	40.32 0.54 -5.88	38.42 0.31 -4.18	38.61 0.72 -1.71
HICKLING____2 23622	33.01 1.09 0.00	32.03 1.11 0.00	31.71 1.19 0.00	31.33 1.12 0.00	31.59 1.10 0.00	34.57 1.14 0.00	44.06 0.99 0.00	52.22 0.67 0.00	47.78 0.75 0.07	42.32 1.00 0.42	44.54 0.54 0.58	42.53 0.55 0.47	41.98 0.46 0.49	41.34 0.50 0.48	41.70 0.33 0.45	43.54 0.43 0.37	51.83 0.83 0.68	87.51 1.25 -2.61	64.58 1.05 -4.98	47.38 0.93 -5.85	44.18 0.72 -7.34	40.32 0.54 -5.88	38.42 0.31 -4.18	38.61 0.72 -1.71
HIGH FALLS____HY 23754	33.52 1.60 0.00	32.34 1.42 0.00	31.92 1.40 0.00	31.54 1.33 0.00	31.90 1.40 0.00	35.11 1.67 0.00	45.56 2.50 0.00	54.08 2.53 0.00	49.32 2.26 0.04	44.16 2.42 0.00	46.81 2.23 0.00	44.65 2.21 0.00	44.28 2.27 0.00	43.51 2.19 0.00	44.20 2.38 0.00	45.96 2.48 0.00	54.79 3.10 0.00	98.06 4.27 -10.14	77.86 3.10 -16.21	60.41 2.03 -17.78	58.59 1.81 -20.66	52.14 1.70 -16.55	47.52 1.83 -11.76	43.02 2.03 -4.82
HILLBURN____GT 23639	33.08 1.15 0.00	31.97 1.05 0.00	31.56 1.04 0.00	31.18 0.97 0.00	31.59 1.10 0.00	34.81 1.37 0.00	45.18 2.11 0.00	53.56 2.01 0.00	47.39 1.69 1.40	36.60 2.13 7.27	36.93 2.32 9.97	36.64 2.25 8.05	35.88 2.35 8.48	35.38 2.31 8.26	36.57 2.42 7.67	39.50 2.39 6.37	42.77 2.89 11.81	77.94 3.51 9.22	61.14 2.57 -0.02	49.38 1.78 -7.00	55.52 1.48 -17.91	49.74 1.49 -14.35	45.83 1.70 -10.19	42.16 1.81 -4.18
HILLSIDE_115KV_TB1 80332	32.41 0.48 0.00	31.48 0.56 0.00	31.16 0.64 0.00	30.79 0.57 0.00	31.08 0.58 0.00	34.00 0.57 0.00	43.28 0.22 0.00	51.25 -0.31 0.00	46.89 -0.14 0.07	41.47 0.17 0.43	43.72 -0.27 0.59	41.75 -0.21 0.48	41.25 -0.25 0.50	40.62 -0.21 0.49	40.98 -0.38 0.46	42.79 -0.30 0.38	50.93 -0.05 0.70	86.11 -0.25 -2.71	63.66 -0.06 -5.17	46.83 0.16 -6.07	43.81 0.07 -7.61	39.93 -0.07 -6.09	38.03 -0.24 -4.33	38.09 0.14 -1.78
HISHELDN_WT_PWR 323625	32.47 0.54 0.00	31.60 0.68 0.00	31.25 0.73 0.00	30.94 0.72 0.00	31.17 0.67 0.00	33.97 0.53 0.00	42.59 -0.47 0.00	50.21 -1.34 0.00	45.80 -1.22 0.07	40.84 -0.54 0.36	42.54 -1.56 0.49	40.69 -1.36 0.39	40.17 -1.43 0.41	39.59 -1.32 0.40	39.77 -1.67 0.37	41.64 -1.52 0.31	49.40 -1.70 0.58	82.94 -2.76 -2.05	60.65 -1.75 -3.86	44.14 -0.97 -4.51	40.93 -0.83 -5.63	37.22 -1.19 -4.51	35.95 -1.19 -3.21	36.98 -0.51 -1.31
HOLTSVILLE_IC_1 23690	34.87 2.94 -0.01	33.49 2.56 0.00	32.93 2.41 0.00	32.51 2.30 0.00	33.06 2.56 0.00	36.72 3.28 -0.01	49.07 4.65 -1.35	55.37 3.81 0.00	51.81 3.72 -0.99	51.05 4.17 -5.14	58.46 4.99 -8.88	55.26 4.80 -8.02	52.72 4.70 -6.00	58.20 4.67 -12.21	58.48 4.93 -11.74	61.37 4.83 -13.07	69.61 5.69 -12.25	112.29 8.28 -20.36	109.94 5.91 -45.48	77.90 4.10 -33.20	76.99 3.47 -37.39	62.66 3.36 -25.40	56.33 3.93 -18.46	47.83 4.23 -7.43

HOLTSVILLE_IC_10 23699	35.10 3.16 -0.01	33.70 2.78 0.00	33.15 2.63 0.00	32.72 2.51 0.00	33.24 2.75 0.00	36.96 3.51 -0.01	49.42 4.99 -1.36	55.83 4.28 0.00	52.18 4.10 -0.99	51.38 4.51 -5.14	58.83 5.35 -8.90	55.62 5.13 -8.04	53.05 5.04 -6.00	58.58 5.00 -12.26	58.87 5.27 -11.79	61.83 5.22 -13.14	70.47 6.20 -12.59	113.30 9.28 -20.36	110.82 6.61 -45.65	78.44 4.55 -33.29	77.53 3.87 -37.54	63.17 3.73 -25.54	56.69 4.24 -18.52	48.14 4.52 -7.45
HOLTSVILLE_IC_2 23691	34.87 2.94 -0.01	33.49 2.56 0.00	32.93 2.41 0.00	32.51 2.30 0.00	33.06 2.56 0.00	36.72 3.28 -0.01	49.07 4.65 -1.35	55.37 3.81 0.00	51.81 3.72 -0.99	51.05 4.17 -5.14	58.46 4.99 -8.88	55.26 4.80 -8.02	52.72 4.70 -6.00	58.20 4.67 -12.21	58.48 4.93 -11.74	61.37 4.83 -13.07	69.61 5.69 -12.25	112.29 8.28 -20.36	109.94 5.91 -45.48	77.90 4.10 -33.20	76.99 3.47 -37.39	62.66 3.36 -25.40	56.33 3.93 -18.46	47.83 4.23 -7.43
HOLTSVILLE_IC_3 23692	34.87 2.94 -0.01	33.49 2.56 0.00	32.93 2.41 0.00	32.51 2.30 0.00	33.06 2.56 0.00	36.72 3.28 -0.01	49.07 4.65 -1.35	55.37 3.81 0.00	51.81 3.72 -0.99	51.05 4.17 -5.14	58.46 4.99 -8.88	55.26 4.80 -8.02	52.72 4.70 -6.00	58.20 4.67 -12.21	58.48 4.93 -11.74	61.37 4.83 -13.07	69.61 5.69 -12.25	112.29 8.28 -20.36	109.94 5.91 -45.48	77.90 4.10 -33.20	76.99 3.47 -37.39	62.66 3.36 -25.40	56.33 3.93 -18.46	47.83 4.23 -7.43
HOLTSVILLE_IC_4 23693	34.87 2.94 -0.01	33.49 2.56 0.00	32.93 2.41 0.00	32.51 2.30 0.00	33.06 2.56 0.00	36.72 3.28 -0.01	49.07 4.65 -1.35	55.37 3.81 0.00	51.81 3.72 -0.99	51.05 4.17 -5.14	58.46 4.99 -8.88	55.26 4.80 -8.02	52.72 4.70 -6.00	58.20 4.67 -12.21	58.48 4.93 -11.74	61.37 4.83 -13.07	69.61 5.69 -12.25	112.29 8.28 -20.36	109.94 5.91 -45.48	77.90 4.10 -33.20	76.99 3.47 -37.39	62.66 3.36 -25.40	56.33 3.93 -18.46	47.83 4.23 -7.43
HOLTSVILLE_IC_5 23694	34.87 2.94 -0.01	33.49 2.56 0.00	32.93 2.41 0.00	32.51 2.30 0.00	33.06 2.56 0.00	36.72 3.28 -0.01	49.07 4.65 -1.35	55.37 3.81 0.00	51.81 3.72 -0.99	51.05 4.17 -5.14	58.46 4.99 -8.88	55.26 4.80 -8.02	52.72 4.70 -6.00	58.20 4.67 -12.21	58.48 4.93 -11.74	61.37 4.83 -13.07	69.61 5.69 -12.25	112.29 8.28 -20.36	109.94 5.91 -45.48	77.90 4.10 -33.20	76.99 3.47 -37.39	62.66 3.36 -25.40	56.33 3.93 -18.46	47.83 4.23 -7.43
HOLTSVILLE_IC_6 23695	35.10 3.16 -0.01	33.70 2.78 0.00	33.15 2.63 0.00	32.72 2.51 0.00	33.24 2.75 0.00	36.96 3.51 -0.01	49.42 4.99 -1.36	55.83 4.28 0.00	52.18 4.10 -0.99	51.38 4.51 -5.14	58.83 5.35 -8.90	55.62 5.13 -8.04	53.05 5.04 -6.00	58.58 5.00 -12.26	58.87 5.27 -11.79	61.83 5.22 -13.14	70.47 6.20 -12.59	113.30 9.28 -20.36	110.82 6.61 -45.65	78.44 4.55 -33.29	77.53 3.87 -37.54	63.17 3.73 -25.54	56.69 4.24 -18.52	48.14 4.52 -7.45
HOLTSVILLE_IC_7 23696	35.10 3.16 -0.01	33.70 2.78 0.00	33.15 2.63 0.00	32.72 2.51 0.00	33.24 2.75 0.00	36.96 3.51 -0.01	49.42 4.99 -1.36	55.83 4.28 0.00	52.18 4.10 -0.99	51.38 4.51 -5.14	58.83 5.35 -8.90	55.62 5.13 -8.04	53.05 5.04 -6.00	58.58 5.00 -12.26	58.87 5.27 -11.79	61.83 5.22 -13.14	70.47 6.20 -12.59	113.30 9.28 -20.36	110.82 6.61 -45.65	78.44 4.55 -33.29	77.53 3.87 -37.54	63.17 3.73 -25.54	56.69 4.24 -18.52	48.14 4.52 -7.45
HOLTSVILLE_IC_8 23697	35.10 3.16 -0.01	33.70 2.78 0.00	33.15 2.63 0.00	32.72 2.51 0.00	33.24 2.75 0.00	36.96 3.51 -0.01	49.42 4.99 -1.36	55.83 4.28 0.00	52.18 4.10 -0.99	51.38 4.51 -5.14	58.83 5.35 -8.90	55.62 5.13 -8.04	53.05 5.04 -6.00	58.58 5.00 -12.26	58.87 5.27 -11.79	61.83 5.22 -13.14	70.47 6.20 -12.59	113.30 9.28 -20.36	110.82 6.61 -45.65	78.44 4.55 -33.29	77.53 3.87 -37.54	63.17 3.73 -25.54	56.69 4.24 -18.52	48.14 4.52 -7.45
HOLTSVILLE_IC_9 23698	35.10 3.16 -0.01	33.70 2.78 0.00	33.15 2.63 0.00	32.72 2.51 0.00	33.24 2.75 0.00	36.96 3.51 -0.01	49.42 4.99 -1.36	55.83 4.28 0.00	52.18 4.10 -0.99	51.38 4.51 -5.14	58.83 5.35 -8.90	55.62 5.13 -8.04	53.05 5.04 -6.00	58.58 5.00 -12.26	58.87 5.27 -11.79	61.83 5.22 -13.14	70.47 6.20 -12.59	113.30 9.28 -20.36	110.82 6.61 -45.65	78.44 4.55 -33.29	77.53 3.87 -37.54	63.17 3.73 -25.54	56.69 4.24 -18.52	48.14 4.52 -7.45
HOMER_HL_115KV_TB2 355744	33.84 1.92 0.00	32.93 2.01 0.00	32.66 2.14 0.00	32.24 2.02 0.00	32.51 2.01 0.00	35.48 2.04 0.00	44.19 1.12 0.00	51.86 0.31 0.00	47.47 0.42 0.05	42.14 0.75 0.35	44.15 0.04 0.48	42.10 0.04 0.39	41.56 -0.04 0.41	40.96 0.04 0.40	41.15 -0.29 0.37	43.08 -0.09 0.31	51.16 0.05 0.57	85.72 0.17 -1.90	62.51 0.23 -3.72	45.49 0.49 -4.41	42.03 0.33 -5.57	38.33 -0.03 -4.46	36.90 -0.20 -3.17	38.05 0.58 -1.30
HOWARD_WT_PWR 323690	33.62 1.69 0.00	32.65 1.73 0.00	32.29 1.77 0.00	31.97 1.75 0.00	32.20 1.71 0.00	35.21 1.77 0.00	44.48 1.42 0.00	52.79 1.24 0.00	48.06 1.03 0.07	42.78 1.42 0.38	44.60 0.54 0.52	42.66 0.64 0.42	42.03 0.46 0.45	41.38 0.50 0.43	41.58 0.17 0.40	43.53 0.39 0.33	51.84 0.78 0.62	87.13 1.17 -2.31	63.90 0.99 -4.35	46.63 0.93 -5.09	43.57 1.08 -6.36	39.60 0.61 -5.09	37.96 0.41 -3.62	38.66 1.01 -1.48
HQ_GEN_CEDARS 23644	32.34 0.42 0.00	31.35 0.43 0.00	30.92 0.40 0.00	30.85 0.63 0.00	31.01 0.52 0.00	33.60 0.17 0.00	43.24 0.17 0.00	52.38 0.82 0.00	47.66 0.57 0.00	41.53 -0.21 0.00	44.36 -0.22 0.00	42.19 -0.25 0.00	41.72 -0.29 0.00	41.07 -0.25 0.00	41.56 -0.25 0.00	43.13 -0.35 0.00	51.17 -0.52 0.00	83.31 -0.33 0.00	58.20 -0.35 0.00	40.36 -0.24 0.00	36.02 -0.11 0.00	33.87 -0.03 0.00	33.94 0.00 0.00	36.13 -0.04 0.00
HQ_GEN_CEDARS_PROXY 323590	32.34 0.41 0.00	31.35 0.43 0.00	30.92 0.40 0.00	30.85 0.64 0.00	30.74 0.24 0.00	33.60 0.17 0.00	42.90 0.13 0.30	52.67 0.82 -0.30	47.67 0.57 0.00	41.53 -0.21 0.00	44.36 -0.22 0.00	42.19 -0.25 0.00	41.72 -0.29 0.00	41.07 -0.25 0.00	41.57 -0.25 0.00	43.13 -0.35 0.00	51.07 -0.62 0.00	83.32 -0.33 0.00	58.20 -0.35 0.00	40.36 -0.24 0.00	36.02 -0.11 0.00	33.90 0.00 0.00	33.97 0.03 0.00	36.13 -0.04 0.00
HQ_GEN_IMPORT 323601	32.12 0.19 0.00	31.11 0.19 0.00	30.71 0.18 0.00	30.43 0.21 0.00	30.65 0.15 0.00	33.57 0.13 0.00	42.85 0.09 0.30	52.16 0.31 -0.30	47.29 0.19 0.00	41.57 -0.17 0.00	44.32 -0.27 0.00	42.19 -0.25 0.00	41.72 -0.29 0.00	41.03 -0.29 0.00	41.52 -0.29 0.00	43.13 -0.35 0.00	51.22 -0.47 0.00	83.40 -0.25 0.00	58.32 -0.23 0.00	40.40 -0.20 0.00	35.95 -0.18 0.00	33.80 -0.10 0.00	33.80 -0.14 0.00	35.99 -0.18 0.00
HQ_GEN_WHEEL 23651	32.12 0.19 0.00	31.11 0.19 0.00	30.71 0.18 0.00	30.43 0.21 0.00	30.65 0.15 0.00	33.57 0.13 0.00	42.85 0.09 0.30	52.16 0.31 -0.30	47.29 0.19 0.00	41.57 -0.17 0.00	44.32 -0.27 0.00	42.19 -0.25 0.00	41.72 -0.29 0.00	41.03 -0.29 0.00	41.52 -0.29 0.00	43.13 -0.35 0.00	51.22 -0.47 0.00	83.40 -0.25 0.00	58.32 -0.23 0.00	40.40 -0.20 0.00	35.95 -0.18 0.00	33.80 -0.10 0.00	33.80 -0.14 0.00	35.99 -0.18 0.00

HUDSON AVE_GT_3 23810	33.49 1.56 0.00	32.34 1.42 0.00	31.83 1.31 0.00	31.51 1.30 0.00	31.84 1.34 0.00	35.21 1.77 0.00	45.78 2.71 0.00	54.34 2.78 0.00	50.74 2.64 -1.00	49.81 2.92 -5.15	54.68 3.03 -7.07	51.13 2.97 -5.71	51.09 3.07 -6.01	50.19 3.02 -5.85	50.39 3.14 -5.44	51.13 3.13 -4.52	63.78 3.72 -8.37	110.05 4.94 -21.46	86.44 3.57 -24.32	65.00 2.44 -21.96	57.08 2.06 -18.90	51.11 2.07 -15.14	47.07 2.38 -10.76	43.15 2.57 -4.41
HUDSON AVE_GT_4 23540	33.49 1.56 0.00	32.34 1.42 0.00	31.83 1.31 0.00	31.51 1.30 0.00	31.84 1.34 0.00	35.21 1.77 0.00	45.78 2.71 0.00	54.34 2.78 0.00	50.74 2.64 -1.00	49.81 2.92 -5.15	54.68 3.03 -7.07	51.13 2.97 -5.71	51.09 3.07 -6.01	50.19 3.02 -5.85	50.39 3.14 -5.44	51.13 3.13 -4.52	63.78 3.72 -8.37	110.05 4.94 -21.46	86.44 3.57 -24.32	65.00 2.44 -21.96	57.08 2.06 -18.90	51.11 2.07 -15.14	47.07 2.38 -10.76	43.15 2.57 -4.41
HUDSON AVE_GT_5 23657	33.49 1.56 0.00	32.34 1.42 0.00	31.83 1.31 0.00	31.51 1.30 0.00	31.84 1.34 0.00	35.21 1.77 0.00	45.78 2.71 0.00	54.34 2.78 0.00	50.74 2.64 -1.00	49.81 2.92 -5.15	54.68 3.03 -7.07	51.13 2.97 -5.71	51.09 3.07 -6.01	50.19 3.02 -5.85	50.39 3.14 -5.44	51.13 3.13 -4.52	63.78 3.72 -8.37	110.05 4.94 -21.46	86.44 3.57 -24.32	65.00 2.44 -21.96	57.08 2.06 -18.90	51.11 2.07 -15.14	47.07 2.38 -10.76	43.15 2.57 -4.41
HUDSON_AVE_10 24168	33.40 1.47 0.00	32.25 1.33 0.00	31.74 1.22 0.00	31.42 1.21 0.00	31.75 1.25 0.00	35.11 1.67 0.00	45.69 2.63 0.00	54.29 2.73 0.00	50.64 2.54 -1.00	49.77 2.88 -5.15	54.60 2.94 -7.07	51.04 2.89 -5.71	51.01 2.98 -6.01	50.15 2.97 -5.85	50.31 3.05 -5.44	51.04 3.04 -4.52	63.68 3.62 -8.37	109.96 4.85 -21.46	86.38 3.51 -24.32	64.92 2.35 -21.96	57.01 1.99 -18.90	51.04 2.00 -15.14	47.00 2.31 -10.76	43.08 2.50 -4.41
HUDSON___115KV_TB 4 355613	32.66 0.73 0.00	31.63 0.71 0.00	31.28 0.76 0.00	30.91 0.69 0.00	31.23 0.73 0.00	34.21 0.77 0.00	44.40 1.34 0.00	52.74 1.19 0.00	48.66 1.32 -0.24	44.44 1.46 -1.24	48.69 2.41 -1.70	46.11 2.29 -1.37	45.68 2.23 -1.44	44.96 2.23 -1.41	45.42 2.30 -1.31	47.17 2.61 -1.08	56.85 3.15 -2.01	107.46 4.60 -19.21	90.25 3.40 -28.30	72.87 2.35 -29.92	71.39 2.10 -33.17	62.37 1.90 -26.57	54.68 1.87 -18.88	46.01 2.10 -7.74
HUNTER MOUNT___DRP 323613	32.89 0.96 0.00	31.85 0.93 0.00	31.53 1.01 0.00	31.15 0.94 0.00	31.47 0.98 0.00	34.41 0.97 0.00	44.66 1.59 0.00	53.05 1.50 0.00	49.00 1.70 -0.21	44.52 1.71 -1.08	48.82 2.76 -1.48	46.23 2.59 -1.19	45.83 2.56 -1.25	45.06 2.52 -1.22	45.58 2.63 -1.14	47.42 3.00 -0.94	57.10 3.67 -1.75	106.24 5.10 -17.49	88.21 3.81 -25.86	70.58 2.60 -27.39	68.87 2.31 -30.43	60.31 2.03 -24.37	53.22 1.97 -17.32	45.48 2.21 -7.10
HUNTINGTON_RES_REC 323705	34.84 2.91 -0.01	33.46 2.54 0.00	32.90 2.38 0.00	32.48 2.27 0.00	33.00 2.50 0.00	36.66 3.21 -0.01	49.05 4.61 -1.37	55.42 3.87 0.00	51.86 3.77 -0.99	51.05 4.17 -5.14	58.49 4.99 -8.91	55.26 4.75 -8.06	52.72 4.70 -6.00	58.30 4.67 -12.31	58.58 4.93 -11.84	61.55 4.87 -13.20	70.30 5.79 -12.83	112.46 8.44 -20.36	110.46 6.09 -45.82	78.17 4.18 -33.39	77.39 3.58 -37.68	62.98 3.42 -25.66	56.44 3.93 -18.57	47.80 4.16 -7.47
HUNTLEY___63 23557	32.12 0.19 0.00	31.29 0.37 0.00	30.95 0.43 0.00	30.55 0.33 0.00	30.80 0.30 0.00	33.64 0.20 0.00	41.82 -1.25 0.00	48.98 -2.58 0.00	45.21 -1.84 0.05	40.15 -1.25 0.34	41.90 -2.23 0.46	40.00 -2.08 0.37	39.48 -2.14 0.39	38.91 -2.02 0.38	38.83 -2.63 0.35	40.71 -2.48 0.29	48.25 -2.89 0.54	80.52 -4.85 -1.72	58.67 -3.28 -3.40	42.73 -1.91 -4.04	39.62 -1.63 -5.12	36.17 -1.83 -4.10	35.05 -1.80 -2.91	36.14 -1.23 -1.19
HUNTLEY___64 23558	32.12 0.19 0.00	31.29 0.37 0.00	30.95 0.43 0.00	30.55 0.33 0.00	30.80 0.30 0.00	33.64 0.20 0.00	41.82 -1.25 0.00	48.98 -2.58 0.00	45.21 -1.84 0.05	40.15 -1.25 0.34	41.90 -2.23 0.46	40.00 -2.08 0.37	39.48 -2.14 0.39	38.91 -2.02 0.38	38.83 -2.63 0.35	40.71 -2.48 0.29	48.25 -2.89 0.54	80.52 -4.85 -1.72	58.67 -3.28 -3.40	42.73 -1.91 -4.04	39.62 -1.63 -5.12	36.17 -1.83 -4.10	35.05 -1.80 -2.91	36.14 -1.23 -1.19
HUNTLEY___65 23559	32.12 0.19 0.00	31.29 0.37 0.00	30.95 0.43 0.00	30.55 0.33 0.00	30.80 0.30 0.00	33.64 0.20 0.00	41.82 -1.25 0.00	48.98 -2.58 0.00	45.21 -1.84 0.05	40.15 -1.25 0.34	41.90 -2.23 0.46	40.00 -2.08 0.37	39.48 -2.14 0.39	38.91 -2.02 0.38	38.83 -2.63 0.35	40.71 -2.48 0.29	48.25 -2.89 0.54	80.52 -4.85 -1.72	58.67 -3.28 -3.40	42.73 -1.91 -4.04	39.62 -1.63 -5.12	36.17 -1.83 -4.10	35.05 -1.80 -2.91	36.14 -1.23 -1.19
HUNTLEY___66 23560	32.12 0.19 0.00	31.29 0.37 0.00	30.95 0.43 0.00	30.55 0.33 0.00	30.80 0.30 0.00	33.64 0.20 0.00	41.82 -1.25 0.00	48.98 -2.58 0.00	45.21 -1.84 0.05	40.15 -1.25 0.34	41.90 -2.23 0.46	40.00 -2.08 0.37	39.48 -2.14 0.39	38.91 -2.02 0.38	38.83 -2.63 0.35	40.71 -2.48 0.29	48.25 -2.89 0.54	80.52 -4.85 -1.72	58.67 -3.28 -3.40	42.73 -1.91 -4.04	39.62 -1.63 -5.12	36.17 -1.83 -4.10	35.05 -1.80 -2.91	36.14 -1.23 -1.19
HUNTLEY___67 23561	31.99 0.06 0.00	31.14 0.22 0.00	30.83 0.31 0.00	30.43 0.21 0.00	30.68 0.18 0.00	33.50 0.07 0.00	41.73 -1.34 0.00	48.93 -2.63 0.00	45.12 -1.93 0.05	40.06 -1.34 0.34	41.85 -2.27 0.46	39.95 -2.12 0.37	39.43 -2.18 0.39	38.83 -2.11 0.38	38.95 -2.51 0.36	40.83 -2.35 0.30	48.34 -2.79 0.55	80.71 -4.68 -1.75	58.96 -3.04 -3.45	42.91 -1.79 -4.10	39.66 -1.66 -5.19	36.23 -1.83 -4.16	35.02 -1.87 -2.95	36.08 -1.30 -1.21
HUNTLEY___68 23562	31.99 0.06 0.00	31.14 0.22 0.00	30.83 0.31 0.00	30.43 0.21 0.00	30.68 0.18 0.00	33.50 0.07 0.00	41.73 -1.34 0.00	48.93 -2.63 0.00	45.12 -1.93 0.05	40.06 -1.34 0.34	41.85 -2.27 0.46	39.95 -2.12 0.37	39.43 -2.18 0.39	38.83 -2.11 0.38	38.95 -2.51 0.36	40.83 -2.35 0.30	48.34 -2.79 0.55	80.71 -4.68 -1.75	58.96 -3.04 -3.45	42.91 -1.79 -4.10	39.66 -1.66 -5.19	36.23 -1.83 -4.16	35.02 -1.87 -2.95	36.08 -1.30 -1.21
HYLAND___LFGE 323620	33.65 1.72 0.00	32.56 1.64 0.00	32.14 1.62 0.00	31.81 1.60 0.00	32.05 1.55 0.00	35.11 1.67 0.00	43.54 0.47 0.00	51.76 0.21 0.00	47.36 0.33 0.07	41.85 0.46 0.35	43.61 -0.49 0.48	41.85 -0.21 0.39	41.35 -0.25 0.41	40.84 -0.08 0.40	41.11 -0.34 0.37	43.30 0.13 0.31	52.15 1.03 0.57	87.92 2.26 -2.01	63.93 1.58 -3.80	46.31 1.26 -4.45	43.92 2.24 -5.55	39.91 1.56 -4.45	38.25 1.15 -3.16	38.98 1.52 -1.30
INDECK___CORINTH 23802	32.73 0.80 0.00	31.72 0.80 0.00	31.37 0.85 0.00	30.97 0.76 0.00	31.38 0.88 0.00	34.51 1.07 0.00	44.96 1.89 0.00	53.51 1.96 0.00	49.25 1.89 -0.27	45.21 2.09 -1.39	49.08 2.58 -1.91	45.98 2.00 -1.54	45.32 1.68 -1.62	44.51 1.61 -1.58	44.91 1.63 -1.47	46.52 1.83 -1.22	56.37 2.43 -2.26	117.04 3.77 -29.62	105.59 2.64 -44.41	89.72 1.78 -47.34	90.76 1.59 -53.05	78.02 1.63 -42.49	65.66 1.53 -30.19	50.47 1.92 -12.38

INDECK___ILION 23567	32.38 0.45 0.00	31.35 0.43 0.00	30.92 0.40 0.00	30.61 0.39 0.00	30.92 0.43 0.00	33.94 0.50 0.00	43.80 0.73 0.00	52.64 1.08 0.00	48.09 0.99 0.00	42.70 0.96 0.00	45.66 1.07 0.00	43.42 0.98 0.00	42.98 0.97 0.00	42.23 0.91 0.00	42.78 0.96 0.00	44.48 1.00 0.00	52.87 1.19 0.00	85.15 1.51 0.00	59.54 1.00 0.00	41.33 0.73 0.00	36.74 0.61 0.00	34.48 0.58 0.00	34.48 0.54 0.00	36.75 0.58 0.00
INDECK___OLEAN 23982	33.84 1.92 0.00	32.96 2.04 0.00	32.66 2.14 0.00	32.30 2.08 0.00	32.57 2.07 0.00	35.48 2.04 0.00	44.23 1.16 0.00	52.02 0.46 0.00	47.31 0.28 0.07	42.18 0.79 0.35	43.97 -0.13 0.48	42.01 -0.04 0.39	41.47 -0.13 0.41	40.88 -0.04 0.40	41.11 -0.34 0.37	43.08 -0.09 0.31	51.11 0.00 0.57	85.76 0.08 -2.03	62.60 0.24 -3.82	45.43 0.36 -4.47	42.06 0.36 -5.57	38.23 -0.14 -4.46	37.31 0.20 -3.17	38.59 1.12 -1.30
INDECK___OSWEGO 23783	31.07 -0.86 0.00	30.09 -0.83 0.00	29.70 -0.82 0.00	29.37 -0.85 0.00	29.67 -0.82 0.00	32.54 -0.90 0.00	41.52 -1.55 0.00	49.34 -2.22 0.00	45.12 -1.93 0.05	39.99 -1.50 0.24	42.47 -1.78 0.33	40.52 -1.66 0.27	40.09 -1.64 0.28	39.43 -1.61 0.28	39.88 -1.67 0.26	41.61 -1.65 0.21	49.53 -1.76 0.39	82.15 -2.68 -1.18	58.98 -1.82 -2.25	42.02 -1.22 -2.64	38.35 -1.08 -3.30	35.73 -0.81 -2.65	34.90 -0.91 -1.88	36.00 -0.94 -0.77
INDECK___YERKES 23781	32.15 0.23 0.00	31.32 0.40 0.00	30.98 0.46 0.00	30.67 0.45 0.00	30.86 0.37 0.00	33.60 0.17 0.00	41.86 -1.21 0.00	49.29 -2.27 0.00	45.06 -1.98 0.06	40.19 -1.21 0.34	41.72 -2.41 0.46	39.95 -2.12 0.37	39.43 -2.19 0.39	38.87 -2.06 0.38	39.03 -2.43 0.35	40.66 -2.52 0.29	48.14 -3.00 0.54	80.65 -4.85 -1.86	58.72 -3.33 -3.50	42.71 -1.99 -4.10	39.48 -1.77 -5.12	36.07 -1.93 -4.10	35.02 -1.83 -2.91	36.24 -1.12 -1.19
INDIAN POINT_GT_1 24139	33.40 1.47 0.00	32.28 1.36 0.00	31.80 1.28 0.00	31.48 1.27 0.00	31.81 1.31 0.00	35.14 1.71 0.00	45.61 2.54 0.00	54.18 2.63 0.00	50.59 2.45 -1.05	49.86 2.75 -5.37	54.89 2.94 -7.36	51.24 2.84 -5.95	51.22 2.94 -6.26	50.31 2.89 -6.10	50.49 3.01 -5.67	51.23 3.04 -4.71	63.97 3.57 -8.72	110.37 4.77 -21.96	86.64 3.40 -24.69	65.13 2.35 -22.17	57.05 2.06 -18.86	51.01 2.00 -15.11	46.88 2.21 -10.74	42.92 2.35 -4.40
INDIAN POINT_GT_2 23659	33.40 1.47 0.00	32.28 1.36 0.00	31.80 1.28 0.00	31.48 1.27 0.00	31.81 1.31 0.00	35.14 1.71 0.00	45.61 2.54 0.00	54.18 2.63 0.00	50.59 2.45 -1.05	49.86 2.75 -5.37	54.89 2.94 -7.36	51.24 2.84 -5.95	51.22 2.94 -6.26	50.31 2.89 -6.10	50.49 3.01 -5.67	51.23 3.04 -4.71	63.97 3.57 -8.72	110.37 4.77 -21.96	86.64 3.40 -24.69	65.13 2.35 -22.17	57.05 2.06 -18.86	51.01 2.00 -15.11	46.88 2.21 -10.74	42.92 2.35 -4.40
INDIAN POINT_GT_3 24019	33.40 1.47 0.00	32.28 1.36 0.00	31.80 1.28 0.00	31.48 1.27 0.00	31.81 1.31 0.00	35.14 1.71 0.00	45.61 2.54 0.00	54.18 2.63 0.00	50.59 2.45 -1.05	49.86 2.75 -5.37	54.89 2.94 -7.36	51.24 2.84 -5.95	51.22 2.94 -6.26	50.31 2.89 -6.10	50.49 3.01 -5.67	51.23 3.04 -4.71	63.97 3.57 -8.72	110.37 4.77 -21.96	86.64 3.40 -24.69	65.13 2.35 -22.17	57.05 2.06 -18.86	51.01 2.00 -15.11	46.88 2.21 -10.74	42.92 2.35 -4.40
INDIAN POINT___2 23530	33.43 1.50 0.00	32.28 1.36 0.00	31.83 1.31 0.00	31.45 1.24 0.00	31.87 1.37 0.00	35.17 1.74 0.00	45.69 2.63 0.00	54.23 2.68 0.00	50.55 2.45 -1.01	49.75 2.80 -5.22	54.81 3.07 -7.15	51.15 2.93 -5.78	51.12 3.03 -6.08	50.22 2.98 -5.92	50.42 3.09 -5.51	51.14 3.09 -4.57	63.88 3.72 -8.47	109.04 4.85 -20.54	85.60 3.45 -23.60	64.52 2.39 -21.53	57.07 2.06 -18.89	51.06 2.03 -15.13	46.92 2.24 -10.75	42.96 2.39 -4.41
INDIAN POINT___3 23531	33.24 1.31 0.00	32.13 1.21 0.00	31.65 1.13 0.00	31.33 1.12 0.00	31.66 1.16 0.00	34.94 1.50 0.00	45.35 2.28 0.00	53.82 2.27 0.00	50.33 2.03 -1.21	50.31 2.38 -6.20	55.67 2.59 -8.50	51.82 2.50 -6.87	51.84 2.60 -7.23	50.92 2.56 -7.04	51.03 2.68 -6.54	51.56 2.65 -5.43	64.85 3.10 -10.07	111.47 4.02 -23.80	87.46 2.87 -26.04	65.49 1.99 -22.90	56.54 1.77 -18.64	50.56 1.73 -14.93	46.48 1.93 -10.61	42.58 2.06 -4.35
INGHAM_C_115KV_TB7 356103	32.76 0.83 0.00	31.69 0.77 0.00	31.28 0.76 0.00	30.94 0.73 0.00	31.26 0.76 0.00	34.34 0.90 0.00	44.31 1.25 0.00	53.31 1.75 0.00	48.70 1.60 0.00	43.20 1.46 0.00	46.19 1.61 0.00	43.93 1.49 0.00	43.44 1.43 0.00	42.64 1.32 0.00	43.15 1.34 0.00	44.87 1.39 0.00	53.39 1.71 0.00	85.82 2.17 0.00	60.07 1.52 0.00	41.70 1.10 0.00	37.07 0.94 0.00	34.78 0.88 0.00	34.78 0.85 0.00	37.11 0.94 0.00
IP CORINTH___1 23988	32.92 0.99 0.00	31.91 0.99 0.00	31.56 1.04 0.00	31.15 0.94 0.00	31.50 1.01 0.00	34.71 1.27 0.00	45.18 2.11 0.00	53.82 2.27 0.00	49.54 2.17 -0.27	45.47 2.34 -1.39	49.30 2.81 -1.91	46.19 2.21 -1.54	45.52 1.89 -1.62	44.76 1.86 -1.58	45.12 1.84 -1.47	46.78 2.09 -1.22	56.63 2.69 -2.26	117.25 4.27 -29.34	105.72 2.99 -44.18	89.88 2.07 -47.21	90.95 1.77 -53.05	78.23 1.83 -42.49	65.86 1.73 -30.19	50.65 2.10 -12.38
IP___TICONDEROGA 23804	34.07 2.14 0.00	33.09 2.16 0.00	32.78 2.26 0.00	32.27 2.05 0.00	32.72 2.23 0.00	36.04 2.61 0.00	47.16 4.09 0.00	56.19 4.64 0.00	51.70 4.33 -0.27	47.43 4.30 -1.40	51.45 4.95 -1.92	48.20 4.20 -1.55	47.51 3.87 -1.63	46.71 3.80 -1.59	47.10 3.81 -1.48	48.92 4.22 -1.22	59.43 5.48 -2.27	121.82 8.95 -29.22	108.74 6.21 -43.98	91.81 4.22 -46.98	92.59 3.68 -52.78	79.67 3.49 -42.28	67.23 3.26 -30.04	52.21 3.73 -12.32
ISLIP_RES_REC 323679	35.26 3.32 -0.01	33.83 2.91 0.00	33.27 2.75 0.00	32.84 2.63 0.00	33.40 2.90 0.00	37.12 3.68 -0.01	49.68 5.25 -1.37	56.14 4.59 0.00	52.47 4.38 -0.99	51.63 4.76 -5.14	59.11 5.62 -8.90	55.89 5.39 -8.05	53.26 5.25 -6.00	58.86 5.25 -12.29	59.15 5.52 -11.82	62.18 5.52 -13.18	71.11 6.62 -12.80	113.88 9.87 -20.36	111.39 7.08 -45.76	78.82 4.87 -33.35	77.91 4.15 -37.63	63.46 3.93 -25.62	56.93 4.44 -18.55	48.33 4.70 -7.46
JAMAICA___27_KV_LOAD 355505	33.52 1.60 0.00	32.34 1.42 0.00	31.83 1.31 0.00	31.48 1.27 0.00	31.81 1.31 0.00	35.28 1.84 0.00	45.95 2.89 0.00	54.65 3.09 0.00	51.02 2.92 -1.00	50.11 3.21 -5.15	54.82 3.17 -7.07	51.30 3.14 -5.71	51.30 3.28 -6.01	50.40 3.22 -5.85	50.60 3.35 -5.44	51.34 3.35 -4.52	64.14 4.08 -8.37	110.72 5.60 -21.46	86.91 4.04 -24.32	65.32 2.76 -21.96	57.30 2.28 -18.90	51.28 2.24 -15.14	47.20 2.51 -10.76	43.26 2.68 -4.41
JANIS___SOLAR 323808	33.97 2.05 0.00	32.93 2.01 0.00	32.48 1.96 0.00	32.12 1.90 0.00	32.54 2.04 0.00	35.71 2.27 0.00	46.17 3.10 0.00	55.22 3.66 0.00	50.08 3.06 0.08	44.24 2.92 0.42	46.73 2.72 0.57	44.53 2.55 0.46	43.92 2.39 0.49	43.37 2.52 0.47	43.88 2.51 0.44	46.03 2.91 0.36	55.14 4.14 0.68	93.65 6.77 -3.23	69.38 4.92 -5.92	50.90 3.45 -6.85	47.51 2.92 -8.46	43.19 2.51 -6.78	40.92 2.17 -4.82	40.64 2.49 -1.97

JARVIS____ 23743	31.99 0.06 0.00	30.98 0.06 0.00	30.58 0.06 0.00	30.24 0.03 0.00	30.56 0.06 0.00	33.54 0.10 0.00	43.24 0.17 0.00	51.97 0.41 0.00	47.47 0.38 0.00	42.11 0.37 0.00	45.08 0.49 0.00	42.91 0.47 0.00	42.47 0.46 0.00	41.73 0.41 0.00	42.23 0.42 0.00	43.96 0.48 0.00	52.25 0.57 0.00	84.07 0.42 0.00	58.84 0.29 0.00	40.80 0.20 0.00	36.31 0.18 0.00	34.07 0.17 0.00	34.11 0.17 0.00	36.35 0.18 0.00
JENNISON____1 23625	34.23 2.30 0.00	33.15 2.23 0.00	32.69 2.17 0.00	32.33 2.12 0.00	32.75 2.26 0.00	35.94 2.51 0.00	46.51 3.45 0.00	55.47 3.92 0.00	50.60 3.58 0.08	44.65 3.38 0.47	47.29 3.34 0.64	45.11 3.18 0.52	44.49 3.02 0.55	43.93 3.14 0.53	44.50 3.18 0.49	46.55 3.48 0.41	55.57 4.65 0.76	95.45 7.36 -4.44	71.76 5.21 -8.00	53.54 3.74 -9.20	50.56 3.14 -11.29	45.73 2.78 -9.05	42.87 2.51 -6.43	41.59 2.79 -2.64
JENNISON____2 23626	34.23 2.30 0.00	33.15 2.23 0.00	32.69 2.17 0.00	32.33 2.12 0.00	32.75 2.26 0.00	35.94 2.51 0.00	46.51 3.45 0.00	55.47 3.92 0.00	50.60 3.58 0.08	44.65 3.38 0.47	47.29 3.34 0.64	45.11 3.18 0.52	44.49 3.02 0.55	43.93 3.14 0.53	44.50 3.18 0.49	46.55 3.48 0.41	55.57 4.65 0.76	95.45 7.36 -4.44	71.76 5.21 -8.00	53.54 3.74 -9.20	50.56 3.14 -11.29	45.73 2.78 -9.05	42.87 2.51 -6.43	41.59 2.79 -2.64
JERICHO_RISE_WT_PWR 323719	32.92 0.99 0.00	31.91 0.99 0.00	31.50 0.98 0.00	31.21 1.00 0.00	31.29 0.79 0.00	34.04 0.60 0.00	43.71 0.65 0.00	52.33 0.77 0.00	47.57 0.47 0.00	42.11 0.37 0.00	44.85 0.27 0.00	42.75 0.30 0.00	42.10 0.08 0.00	41.36 0.04 0.00	41.77 -0.04 0.00	43.26 -0.22 0.00	51.17 -0.52 0.00	83.32 -0.33 0.00	57.91 -0.64 0.00	40.48 -0.12 0.00	36.13 0.00 0.00	33.83 -0.07 0.00	33.83 -0.10 0.00	36.35 0.18 0.00
KATONAH____115KV_46KV_TB4 355592	33.59 1.66 0.00	32.47 1.55 0.00	31.99 1.47 0.00	31.70 1.48 0.00	31.96 1.46 0.00	35.31 1.87 0.00	45.86 2.80 0.00	54.60 3.04 0.00	50.73 2.83 -0.80	48.97 3.09 -4.14	53.56 3.30 -5.68	50.18 3.14 -4.59	50.08 3.23 -4.83	49.16 3.14 -4.70	49.49 3.30 -4.37	50.46 3.35 -3.63	62.34 3.93 -6.73	108.32 5.52 -19.15	85.05 3.92 -22.58	64.26 2.68 -20.98	57.64 2.46 -19.06	51.40 2.24 -15.26	47.16 2.38 -10.85	43.19 2.57 -4.45
KCE_NY_1 323755	33.30 1.37 0.00	32.25 1.33 0.00	31.90 1.37 0.00	31.48 1.27 0.00	31.90 1.40 0.00	35.04 1.60 0.00	45.52 2.45 0.00	54.18 2.63 0.00	49.86 2.49 -0.27	45.73 2.59 -1.41	49.59 3.07 -1.93	46.76 2.76 -1.56	46.34 2.69 -1.64	45.56 2.65 -1.60	45.94 2.64 -1.49	47.58 2.87 -1.23	57.49 3.52 -2.29	118.43 5.43 -29.34	106.28 3.80 -43.93	90.04 2.64 -46.80	90.91 2.38 -52.40	78.11 2.24 -41.98	65.97 2.20 -29.83	50.89 2.49 -12.23
KCE_NY_6_ESR 323823	32.66 0.73 0.00	31.82 0.90 0.00	31.47 0.95 0.00	31.15 0.94 0.00	31.38 0.88 0.00	34.17 0.73 0.00	42.77 -0.30 0.00	50.32 -1.24 0.00	45.95 -1.08 0.07	40.98 -0.42 0.34	42.60 -1.52 0.47	40.75 -1.32 0.38	40.23 -1.39 0.40	39.69 -1.24 0.39	39.82 -1.63 0.36	41.74 -1.43 0.30	49.47 -1.66 0.56	82.89 -2.68 -1.92	60.48 -1.70 -3.63	43.91 -0.93 -4.25	40.60 -0.83 -5.30	36.93 -1.22 -4.25	35.73 -1.22 -3.02	36.97 -0.43 -1.24
KEDC_PORT_JEFF_GT2 24210	35.10 3.16 -0.01	33.67 2.75 0.00	33.11 2.59 0.00	32.69 2.48 0.00	33.24 2.75 0.00	36.92 3.48 -0.01	49.37 4.95 -1.36	55.78 4.23 0.00	52.14 4.05 -0.99	51.34 4.47 -5.14	58.78 5.30 -8.89	55.57 5.09 -8.04	53.01 5.00 -6.00	58.53 4.96 -12.25	58.82 5.23 -11.78	61.77 5.17 -13.12	70.33 6.15 -12.49	113.21 9.20 -20.36	110.71 6.56 -45.61	78.38 4.51 -33.27	77.50 3.87 -37.50	63.10 3.70 -25.50	56.65 4.21 -18.50	48.10 4.48 -7.45
KEDC_PORT_JEFF_GT3 24211	35.10 3.16 -0.01	33.67 2.75 0.00	33.11 2.59 0.00	32.69 2.48 0.00	33.24 2.75 0.00	36.92 3.48 -0.01	49.37 4.95 -1.36	55.78 4.23 0.00	52.14 4.05 -0.99	51.34 4.47 -5.14	58.78 5.30 -8.89	55.57 5.09 -8.04	53.01 5.00 -6.00	58.53 4.96 -12.25	58.82 5.23 -11.78	61.77 5.17 -13.12	70.33 6.15 -12.49	113.21 9.20 -20.36	110.71 6.56 -45.61	78.38 4.51 -33.27	77.50 3.87 -37.50	63.10 3.70 -25.50	56.65 4.21 -18.50	48.10 4.48 -7.45
KEDC_GLWD_GT4 24219	34.05 2.11 -0.02	32.78 1.86 0.00	32.29 1.77 0.00	31.91 1.69 0.00	32.36 1.86 0.00	35.79 2.34 -0.02	48.85 3.45 -2.34	54.60 3.04 0.00	50.96 2.87 -0.99	50.17 3.30 -5.14	58.52 3.70 -10.23	55.75 3.57 -9.74	51.63 3.61 -6.01	61.78 3.55 -16.91	61.92 3.72 -16.39	66.54 3.69 -19.37	85.57 4.39 -29.50	109.87 5.85 -20.37	124.39 4.16 -61.68	85.37 2.92 -41.85	89.62 2.49 -51.00	71.91 2.47 -35.54	60.07 2.75 -23.39	48.47 2.93 -9.37
KEDC_GLWD_GT5 24220	34.05 2.11 -0.02	32.78 1.86 0.00	32.29 1.77 0.00	31.91 1.69 0.00	32.36 1.86 0.00	35.79 2.34 -0.02	48.85 3.45 -2.34	54.60 3.04 0.00	50.96 2.87 -0.99	50.17 3.30 -5.14	58.52 3.70 -10.23	55.75 3.57 -9.74	51.63 3.61 -6.01	61.78 3.55 -16.91	61.92 3.72 -16.39	66.54 3.69 -19.37	85.57 4.39 -29.50	109.87 5.85 -20.37	124.39 4.16 -61.68	85.37 2.92 -41.85	89.62 2.49 -51.00	71.91 2.47 -35.54	60.07 2.75 -23.39	48.47 2.93 -9.37
KENSICO____ 23655	33.43 1.50 0.00	32.31 1.39 0.00	31.83 1.31 0.00	31.48 1.27 0.00	31.84 1.34 0.00	35.17 1.74 0.00	45.69 2.63 0.00	54.24 2.68 0.00	50.63 2.50 -1.03	49.83 2.80 -5.29	54.83 2.99 -7.26	51.24 2.93 -5.87	51.17 2.98 -6.18	50.31 2.97 -6.01	50.50 3.09 -5.59	51.21 3.09 -4.64	63.90 3.62 -8.60	110.28 4.85 -21.78	86.57 3.45 -24.56	65.10 2.40 -22.10	57.10 2.10 -18.88	51.02 2.00 -15.12	46.92 2.24 -10.74	42.96 2.39 -4.40
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.52 1.60 0.00	32.37 1.45 0.00	31.96 1.43 0.00	31.57 1.36 0.00	31.93 1.43 0.00	35.14 1.71 0.00	45.61 2.54 0.00	54.13 2.58 0.00	49.25 2.35 0.20	43.23 2.46 0.97	45.67 2.41 1.33	43.75 2.38 1.07	43.32 2.44 1.13	42.53 2.31 1.10	43.30 2.51 1.02	45.28 2.65 0.85	53.42 3.31 1.57	95.36 4.60 -7.11	75.18 3.40 -13.23	58.24 2.23 -15.40	57.25 1.99 -19.14	51.06 1.83 -15.33	46.80 1.97 -10.89	42.81 2.17 -4.47
KIAC_JFK_GT1 23816	33.43 1.50 0.00	32.25 1.33 0.00	31.74 1.22 0.00	31.42 1.21 0.00	31.75 1.25 0.00	35.17 1.74 0.00	45.82 2.76 0.00	54.49 2.94 0.00	50.88 2.78 -1.00	49.98 3.09 -5.15	54.68 3.03 -7.07	51.17 3.01 -5.71	51.17 3.15 -6.01	50.27 3.10 -5.85	50.48 3.22 -5.44	51.21 3.22 -4.52	63.93 3.88 -8.37	110.46 5.35 -21.46	86.73 3.86 -24.32	65.16 2.60 -21.96	57.15 2.13 -18.90	51.17 2.14 -15.14	47.10 2.41 -10.76	43.15 2.57 -4.41
KIAC_JFK_GT2 23817	33.43 1.50 0.00	32.25 1.33 0.00	31.74 1.22 0.00	31.42 1.21 0.00	31.75 1.25 0.00	35.17 1.74 0.00	45.82 2.76 0.00	54.49 2.94 0.00	50.88 2.78 -1.00	49.98 3.09 -5.15	54.68 3.03 -7.07	51.17 3.01 -5.71	51.17 3.15 -6.01	50.27 3.10 -5.85	50.48 3.22 -5.44	51.21 3.22 -4.52	63.93 3.88 -8.37	110.46 5.35 -21.46	86.73 3.86 -24.32	65.16 2.60 -21.96	57.15 2.13 -18.90	51.17 2.14 -15.14	47.10 2.41 -10.76	43.15 2.57 -4.41

KIAC_JFK____ 323774	33.43 1.50 0.00	32.25 1.33 0.00	31.74 1.22 0.00	31.39 1.18 0.00	31.81 1.31 0.00	35.17 1.74 0.00	45.82 2.76 0.00	54.44 2.89 0.00	50.82 2.73 -1.00	49.98 3.09 -5.15	54.77 3.12 -7.07	51.21 3.06 -5.71	51.21 3.19 -6.01	50.27 3.10 -5.85	50.48 3.22 -5.44	51.21 3.22 -4.52	64.04 3.98 -8.37	109.40 5.36 -20.40	85.84 3.80 -23.49	64.70 2.64 -21.47	57.15 2.13 -18.90	51.21 2.17 -15.14	47.10 2.41 -10.76	43.11 2.53 -4.41
KINTIGH____ 23543	31.29 -0.64 0.00	30.43 -0.49 0.00	30.12 -0.40 0.00	29.76 -0.45 0.00	30.01 -0.49 0.00	32.80 -0.64 0.00	41.17 -1.89 0.00	48.46 -3.09 0.00	44.70 -2.35 0.04	39.67 -1.75 0.32	41.61 -2.54 0.44	39.72 -2.38 0.35	39.20 -2.44 0.37	38.60 -2.36 0.36	38.80 -2.68 0.34	40.59 -2.61 0.28	48.17 -3.00 0.52	80.19 -5.02 -1.56	58.32 -3.34 -3.11	42.27 -2.03 -3.70	38.96 -1.88 -4.71	35.67 -2.00 -3.77	34.54 -2.07 -2.68	35.53 -1.74 -1.10
KNTFSRNC_46_KV_46KV_LOAD 80397	33.37 1.44 0.00	32.37 1.45 0.00	31.92 1.40 0.00	31.60 1.39 0.00	31.78 1.28 0.00	34.37 0.94 0.00	44.36 1.29 0.00	52.84 1.29 0.00	47.99 0.89 0.00	42.66 0.92 0.00	45.48 0.89 0.00	43.30 0.85 0.00	42.64 0.63 0.00	41.90 0.58 0.00	42.27 0.46 0.00	43.83 0.35 0.00	52.36 0.67 0.00	84.32 0.67 0.00	58.49 -0.06 0.00	41.09 0.49 0.00	36.70 0.58 0.00	34.27 0.37 0.00	34.27 0.34 0.00	37.04 0.87 0.00
LACHUTE____HYDRO 323717	34.07 2.14 0.00	33.08 2.16 0.00	32.78 2.26 0.00	32.27 2.06 0.00	32.75 2.26 0.00	36.05 2.61 0.00	47.20 4.13 0.00	56.20 4.64 0.00	51.70 4.33 -0.27	47.43 4.30 -1.40	51.45 4.95 -1.92	48.20 4.20 -1.55	47.50 3.86 -1.63	46.75 3.84 -1.59	47.09 3.80 -1.48	48.92 4.22 -1.22	59.49 5.53 -2.27	122.11 8.95 -29.51	108.96 6.20 -44.21	91.90 4.18 -47.12	92.63 3.72 -52.78	79.64 3.46 -42.28	67.23 3.26 -30.04	52.25 3.76 -12.32
LAWRNCALV_115KV_TB1 80681	32.25 0.32 0.00	31.26 0.34 0.00	30.80 0.27 0.00	30.73 0.51 0.00	30.83 0.34 0.00	33.20 -0.23 0.00	42.72 -0.34 0.00	51.76 0.21 0.00	47.10 0.00 0.00	41.07 -0.67 0.00	43.96 -0.62 0.00	41.81 -0.64 0.00	41.30 -0.71 0.00	40.70 -0.62 0.00	41.19 -0.63 0.00	42.74 -0.74 0.00	50.65 -1.03 0.00	82.48 -1.17 0.00	57.50 -1.05 0.00	39.91 -0.69 0.00	35.73 -0.40 0.00	33.77 -0.14 0.00	33.83 -0.10 0.00	36.06 -0.11 0.00
LEDERLE____ 23769	33.21 1.28 0.00	32.06 1.14 0.00	31.65 1.13 0.00	31.30 1.09 0.00	31.66 1.16 0.00	34.87 1.44 0.00	45.26 2.20 0.00	53.72 2.17 0.00	47.51 1.88 1.47	36.19 2.21 7.76	36.35 2.41 10.65	36.18 2.33 8.60	35.39 2.44 9.06	34.94 2.44 8.82	36.17 2.55 8.20	39.19 2.52 6.81	42.02 2.95 12.61	77.94 3.76 9.47	61.18 2.75 0.12	49.45 1.87 -6.98	55.87 1.66 -18.08	50.01 1.63 -14.48	46.02 1.80 -10.29	42.34 1.95 -4.22
LIGHTHSE_115KV_TB6 355974	31.19 -0.73 0.00	30.18 -0.74 0.00	29.79 -0.73 0.00	29.46 -0.76 0.00	29.76 -0.73 0.00	32.63 -0.80 0.00	42.03 -1.03 0.00	50.11 -1.44 0.00	45.87 -1.22 0.00	40.55 -0.96 0.22	43.08 -1.20 0.31	41.01 -1.19 0.25	40.57 -1.18 0.26	39.95 -1.12 0.25	40.45 -1.13 0.24	42.28 -1.00 0.20	50.44 -0.88 0.36	83.43 -1.17 -0.95	59.68 -0.82 -1.95	42.42 -0.53 -2.35	38.60 -0.54 -3.01	35.80 -0.51 -2.41	34.94 -0.71 -1.71	36.11 -0.76 -0.70
LINDEN COGEN____ 23786	33.27 1.34 0.00	32.10 1.17 0.00	31.65 1.13 0.00	31.27 1.06 0.00	31.68 1.19 0.00	34.98 1.54 0.00	45.52 2.45 0.00	53.98 2.42 0.00	50.35 2.26 -1.00	49.56 2.67 -5.15	54.46 2.81 -7.07	50.88 2.72 -5.71	50.84 2.82 -6.01	49.94 2.77 -5.85	50.14 2.88 -5.44	50.82 2.82 -4.52	63.47 3.41 -8.37	108.31 4.26 -20.40	85.14 3.10 -23.49	64.22 2.15 -21.47	56.79 1.77 -18.90	50.90 1.86 -15.14	46.83 2.14 -10.76	42.86 2.28 -4.41
LINDHRST_69_KV_BK1 356055	34.84 2.91 -0.01	33.58 2.66 0.00	32.99 2.47 0.00	32.63 2.42 0.00	33.06 2.56 0.00	36.66 3.21 -0.01	49.02 4.44 -1.52	55.52 3.97 0.00	52.15 4.05 -1.00	51.01 4.13 -5.14	58.51 4.82 -9.11	55.43 4.67 -8.31	52.68 4.66 -6.00	59.03 4.71 -13.00	59.18 4.85 -12.52	62.39 4.78 -14.13	74.24 5.48 -17.08	112.94 7.86 -21.43	113.20 5.62 -49.03	79.61 3.86 -35.15	79.20 3.40 -39.67	64.64 3.29 -27.45	57.01 3.80 -19.27	48.01 4.09 -7.75
LIPA_MISC_IPP 23656	35.13 3.19 -0.01	33.80 2.88 0.00	33.21 2.69 0.00	32.84 2.63 0.00	33.27 2.78 0.00	36.99 3.54 -0.01	49.33 4.91 -1.35	55.88 4.33 0.00	52.57 4.47 -1.00	51.34 4.47 -5.14	58.73 5.26 -8.88	55.52 5.05 -8.03	53.01 5.00 -6.00	58.58 5.04 -12.22	58.79 5.23 -11.75	61.78 5.22 -13.08	70.14 6.15 -12.31	114.45 9.37 -21.43	111.56 6.67 -46.34	78.90 4.59 -33.72	77.52 3.97 -37.42	63.09 3.76 -25.43	56.65 4.24 -18.47	48.16 4.56 -7.44
LISF____SOLAR 323691	35.20 3.26 -0.01	33.76 2.84 0.00	33.21 2.69 0.00	32.78 2.57 0.00	33.33 2.84 0.00	37.06 3.61 -0.01	49.50 5.08 -1.35	55.93 4.38 0.00	52.28 4.19 -0.99	51.46 4.59 -5.14	58.91 5.44 -8.89	55.65 5.18 -8.03	53.09 5.08 -6.00	58.59 5.04 -12.23	58.92 5.35 -11.76	61.92 5.35 -13.09	70.46 6.41 -12.37	113.63 9.62 -20.36	110.99 6.91 -45.54	78.62 4.79 -33.23	77.62 4.05 -37.44	63.22 3.86 -25.45	56.76 4.34 -18.48	48.28 4.67 -7.44
LITTLE FALLS____HYD 24013	32.76 0.83 0.00	31.69 0.77 0.00	31.28 0.76 0.00	30.94 0.73 0.00	31.26 0.76 0.00	34.34 0.90 0.00	44.31 1.25 0.00	53.31 1.75 0.00	48.70 1.60 0.00	43.20 1.46 0.00	46.19 1.61 0.00	43.93 1.49 0.00	43.44 1.43 0.00	42.64 1.32 0.00	43.15 1.34 0.00	44.87 1.39 0.00	53.39 1.71 0.00	85.82 2.17 0.00	60.07 1.52 0.00	41.70 1.10 0.00	37.07 0.94 0.00	34.78 0.88 0.00	34.78 0.85 0.00	37.11 0.94 0.00
LITTLRIV_115KV_TB1 356100	32.69 0.77 0.00	31.69 0.77 0.00	31.22 0.70 0.00	31.12 0.91 0.00	31.26 0.76 0.00	33.70 0.27 0.00	43.41 0.34 0.00	52.69 1.13 0.00	47.95 0.85 0.00	41.78 0.04 0.00	44.67 0.09 0.00	42.45 0.00 0.00	41.93 -0.08 0.00	41.32 0.00 0.00	41.86 0.04 0.00	43.43 -0.04 0.00	51.53 -0.16 0.00	83.90 0.25 0.00	58.55 0.00 0.00	40.64 0.04 0.00	36.34 0.22 0.00	34.31 0.41 0.00	34.31 0.37 0.00	36.53 0.36 0.00
LI_NEWBRDGE____DRP 323616	34.14 2.20 -0.01	32.90 1.98 0.00	32.35 1.83 0.00	32.00 1.78 0.00	32.42 1.92 0.00	35.85 2.41 -0.01	47.72 3.40 -1.25	54.49 2.94 0.00	51.16 3.06 -1.00	50.17 3.30 -5.14	57.17 3.83 -8.75	54.04 3.74 -7.86	51.75 3.74 -6.00	56.84 3.76 -11.76	56.95 3.85 -11.29	59.68 3.74 -12.46	65.11 4.29 -9.14	111.02 5.94 -21.43	107.46 4.16 -44.76	76.35 2.88 -32.87	74.78 2.56 -36.09	60.58 2.51 -24.17	54.89 2.95 -18.00	46.60 3.18 -7.25
LOCKPORT_115KV_TB60_63_64 80432	31.83 -0.10 0.00	30.98 0.06 0.00	30.64 0.12 0.00	30.27 0.06 0.00	30.53 0.03 0.00	33.34 -0.10 0.00	41.17 -1.89 0.00	48.20 -3.35 0.00	44.51 -2.54 0.05	39.53 -1.88 0.33	41.24 -2.90 0.45	39.36 -2.72 0.37	38.85 -2.77 0.38	38.30 -2.64 0.37	38.37 -3.09 0.35	40.23 -2.96 0.29	47.69 -3.46 0.54	79.55 -5.77 -1.67	57.94 -3.92 -3.31	42.18 -2.35 -3.93	38.95 -2.17 -4.99	35.56 -2.34 -4.00	34.71 -2.07 -2.84	35.82 -1.52 -1.17

LOCKPORT___CC1 323769	31.83 -0.10 0.00	31.01 0.09 0.00	30.67 0.15 0.00	30.40 0.18 0.00	30.59 0.09 0.00	33.30 -0.13 0.00	41.04 -2.02 0.00	48.25 -3.30 0.00	44.16 -2.87 0.06	39.36 -2.04 0.33	40.88 -3.25 0.45	39.15 -2.93 0.37	38.64 -2.98 0.39	38.09 -2.85 0.38	38.25 -3.22 0.35	40.06 -3.13 0.29	47.42 -3.72 0.54	79.36 -6.10 -1.82	57.88 -4.10 -3.43	42.02 -2.60 -4.02	38.83 -2.31 -5.02	35.34 -2.58 -4.02	34.62 -2.17 -2.86	35.86 -1.48 -1.17
LOCKPORT___CC2 323770	31.83 -0.10 0.00	31.01 0.09 0.00	30.67 0.15 0.00	30.40 0.18 0.00	30.59 0.09 0.00	33.30 -0.13 0.00	41.04 -2.02 0.00	48.25 -3.30 0.00	44.16 -2.87 0.06	39.36 -2.04 0.33	40.88 -3.25 0.45	39.15 -2.93 0.37	38.64 -2.98 0.39	38.09 -2.85 0.38	38.25 -3.22 0.35	40.06 -3.13 0.29	47.42 -3.72 0.54	79.36 -6.10 -1.82	57.88 -4.10 -3.43	42.02 -2.60 -4.02	38.83 -2.31 -5.02	35.34 -2.58 -4.02	34.62 -2.17 -2.86	35.86 -1.48 -1.17
LOCKPORT___CC3 323771	31.83 -0.10 0.00	31.01 0.09 0.00	30.67 0.15 0.00	30.40 0.18 0.00	30.59 0.09 0.00	33.30 -0.13 0.00	41.04 -2.02 0.00	48.25 -3.30 0.00	44.16 -2.87 0.06	39.36 -2.04 0.33	40.88 -3.25 0.45	39.15 -2.93 0.37	38.64 -2.98 0.39	38.09 -2.85 0.38	38.25 -3.22 0.35	40.06 -3.13 0.29	47.42 -3.72 0.54	79.36 -6.10 -1.82	57.88 -4.10 -3.43	42.02 -2.60 -4.02	38.83 -2.31 -5.02	35.34 -2.58 -4.02	34.62 -2.17 -2.86	35.86 -1.48 -1.17
LONG_LAKE_PHOENIX 24014	31.32 -0.61 0.00	30.30 -0.62 0.00	29.94 -0.58 0.00	29.61 -0.60 0.00	29.89 -0.61 0.00	32.77 -0.67 0.00	42.16 -0.90 0.00	50.11 -1.44 0.00	45.89 -1.18 0.03	40.69 -0.79 0.25	43.21 -1.03 0.35	41.19 -0.98 0.28	40.75 -0.97 0.29	40.08 -0.95 0.29	40.55 -1.00 0.27	42.30 -0.96 0.22	50.34 -0.93 0.41	83.48 -1.25 -1.08	59.95 -0.82 -2.22	42.74 -0.53 -2.66	39.04 -0.51 -3.42	36.13 -0.51 -2.74	35.24 -0.64 -1.94	36.32 -0.65 -0.80
LOVETT___3 23632	33.08 1.15 0.00	31.97 1.05 0.00	31.53 1.01 0.00	31.21 1.00 0.00	31.53 1.04 0.00	34.77 1.34 0.00	45.09 2.02 0.00	53.51 1.96 0.00	47.23 1.65 1.52	35.81 2.05 7.97	35.89 2.23 10.93	35.78 2.16 8.83	34.98 2.27 9.30	34.50 2.23 9.05	35.78 2.38 8.41	38.84 2.35 6.99	41.47 2.74 12.95	77.06 3.35 9.93	60.50 2.40 0.45	49.03 1.62 -6.81	55.75 1.48 -18.14	49.93 1.49 -14.53	45.92 1.66 -10.33	42.21 1.81 -4.23
LOVETT___4 23642	33.08 1.15 0.00	31.97 1.05 0.00	31.53 1.01 0.00	31.21 1.00 0.00	31.53 1.04 0.00	34.77 1.34 0.00	45.09 2.02 0.00	53.51 1.96 0.00	47.23 1.65 1.52	35.81 2.05 7.97	35.89 2.23 10.93	35.78 2.16 8.83	34.98 2.27 9.30	34.50 2.23 9.05	35.78 2.38 8.41	38.84 2.35 6.99	41.47 2.74 12.95	77.06 3.35 9.93	60.50 2.40 0.45	49.03 1.62 -6.81	55.75 1.48 -18.14	49.93 1.49 -14.53	45.92 1.66 -10.33	42.21 1.81 -4.23
LOVETT___5 23593	33.08 1.15 0.00	31.97 1.05 0.00	31.53 1.01 0.00	31.21 1.00 0.00	31.53 1.04 0.00	34.77 1.34 0.00	45.09 2.02 0.00	53.51 1.96 0.00	47.23 1.65 1.52	35.81 2.05 7.97	35.89 2.23 10.93	35.78 2.16 8.83	34.98 2.27 9.30	34.50 2.23 9.05	35.78 2.38 8.41	38.84 2.35 6.99	41.47 2.74 12.95	77.06 3.35 9.93	60.50 2.40 0.45	49.03 1.62 -6.81	55.75 1.48 -18.14	49.93 1.49 -14.53	45.92 1.66 -10.33	42.21 1.81 -4.23
LOWER RAQUET___HYD 24057	32.22 0.29 0.00	31.23 0.31 0.00	30.76 0.24 0.00	30.67 0.45 0.00	30.53 0.03 0.00	33.07 -0.37 0.00	42.46 -0.60 0.00	51.55 0.00 0.00	46.91 -0.19 0.00	40.90 -0.83 0.00	43.87 -0.72 0.00	41.68 -0.76 0.00	41.17 -0.84 0.00	40.53 -0.79 0.00	41.06 -0.75 0.00	42.61 -0.87 0.00	50.34 -1.34 0.00	82.15 -1.50 0.00	57.26 -1.29 0.00	39.75 -0.85 0.00	35.62 -0.51 0.00	33.77 -0.14 0.00	33.83 -0.10 0.00	36.03 -0.14 0.00
LOWER___HUDSON 24059	33.01 1.09 0.00	31.97 1.05 0.00	31.56 1.04 0.00	31.21 1.00 0.00	31.59 1.10 0.00	34.71 1.27 0.00	44.96 1.89 0.00	53.56 2.01 0.00	49.32 1.93 -0.29	45.32 2.09 -1.49	49.31 2.67 -2.05	46.56 2.46 -1.66	46.19 2.44 -1.74	45.41 2.40 -1.70	45.86 2.47 -1.58	47.35 2.56 -1.31	57.16 3.05 -2.43	115.34 4.51 -27.17	102.06 3.22 -40.29	85.61 2.27 -42.73	85.71 2.02 -47.57	73.90 1.90 -38.10	62.98 1.97 -27.07	49.44 2.17 -11.10
LOWVILLE_115KV_TB2 356335	32.15 0.22 0.00	31.11 0.19 0.00	30.67 0.15 0.00	30.40 0.18 0.00	30.71 0.21 0.00	33.57 0.13 0.00	43.50 0.43 0.00	52.38 0.82 0.00	47.85 0.75 0.00	42.28 0.54 0.00	45.03 0.45 0.00	42.79 0.34 0.00	42.31 0.29 0.00	41.69 0.37 0.00	42.27 0.46 0.00	44.17 0.70 0.00	52.82 1.14 0.00	85.49 1.84 0.00	59.72 1.17 0.00	41.41 0.81 0.00	36.74 0.61 0.00	34.44 0.54 0.00	34.24 0.31 0.00	36.46 0.29 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.27 1.34 0.00	32.25 1.33 0.00	31.86 1.34 0.00	31.48 1.27 0.00	31.84 1.34 0.00	35.01 1.57 0.00	45.48 2.41 0.00	54.13 2.58 0.00	49.77 2.40 -0.27	45.69 2.55 -1.41	49.55 3.03 -1.93	46.72 2.72 -1.56	46.30 2.65 -1.64	45.52 2.60 -1.60	45.93 2.63 -1.49	47.54 2.83 -1.23	57.38 3.41 -2.29	118.06 5.35 -29.06	106.00 3.75 -43.71	89.91 2.64 -46.67	90.84 2.31 -52.40	78.08 2.20 -41.98	65.93 2.17 -29.83	50.82 2.42 -12.23
LUTHERNY_35_KV_BK2 355980	33.30 1.37 0.00	32.25 1.33 0.00	31.89 1.37 0.00	31.48 1.27 0.00	31.84 1.34 0.00	35.04 1.60 0.00	45.48 2.41 0.00	54.18 2.63 0.00	49.82 2.45 -0.27	45.73 2.59 -1.41	49.59 3.08 -1.93	46.76 2.76 -1.56	46.30 2.65 -1.64	45.56 2.64 -1.60	45.93 2.63 -1.49	47.58 2.87 -1.23	57.43 3.46 -2.29	118.15 5.44 -29.06	106.06 3.81 -43.71	89.95 2.68 -46.67	90.88 2.35 -52.40	78.11 2.24 -41.98	65.97 2.21 -29.83	50.86 2.46 -12.23
LWR___OSWEGATCHIE_HYD 23850	31.74 -0.19 0.00	30.74 -0.19 0.00	30.31 -0.21 0.00	30.12 -0.09 0.00	30.31 -0.18 0.00	32.87 -0.57 0.00	42.42 -0.65 0.00	51.25 -0.31 0.00	46.72 -0.38 0.00	41.03 -0.71 0.00	43.83 -0.76 0.00	41.64 -0.81 0.00	41.17 -0.84 0.00	40.58 -0.74 0.00	41.10 -0.71 0.00	42.83 -0.65 0.00	50.96 -0.72 0.00	82.81 -0.84 0.00	57.79 -0.76 0.00	40.07 -0.53 0.00	35.73 -0.40 0.00	33.66 -0.24 0.00	33.60 -0.34 0.00	35.77 -0.40 0.00
LYONS_FALL_HYD 23570	32.38 0.45 0.00	31.35 0.43 0.00	30.92 0.40 0.00	30.61 0.39 0.00	30.92 0.43 0.00	33.87 0.43 0.00	43.84 0.78 0.00	52.79 1.24 0.00	48.23 1.13 0.00	42.74 1.00 0.00	45.52 0.94 0.00	43.30 0.85 0.00	42.81 0.80 0.00	42.15 0.83 0.00	42.73 0.92 0.00	44.61 1.13 0.00	53.29 1.60 0.00	86.08 2.43 0.00	60.13 1.58 0.00	41.70 1.10 0.00	37.03 0.90 0.00	34.68 0.78 0.00	34.51 0.58 0.00	36.75 0.58 0.00
MADISON___COUNTY_LFGE 323628	32.85 0.93 0.00	31.82 0.90 0.00	31.41 0.89 0.00	31.06 0.85 0.00	31.41 0.91 0.00	34.51 1.07 0.00	44.66 1.59 0.00	53.51 1.96 0.00	48.93 1.84 0.00	43.49 1.75 0.00	46.41 1.83 0.00	44.14 1.70 0.00	43.65 1.64 0.00	42.93 1.61 0.00	43.45 1.63 0.00	45.35 1.87 0.00	54.11 2.43 0.00	88.26 3.60 -1.01	62.57 2.40 -1.62	44.08 1.71 -1.78	39.60 1.41 -2.06	36.77 1.22 -1.65	36.13 1.02 -1.17	37.77 1.12 -0.48

MALONE___115KV_TB1 356076	33.14 1.21 0.00	32.13 1.21 0.00	31.68 1.16 0.00	31.42 1.21 0.00	31.56 1.07 0.00	34.21 0.77 0.00	44.10 1.03 0.00	52.79 1.24 0.00	47.99 0.89 0.00	42.32 0.58 0.00	45.17 0.58 0.00	43.04 0.59 0.00	42.43 0.42 0.00	41.73 0.41 0.00	42.15 0.33 0.00	43.70 0.22 0.00	52.05 0.36 0.00	84.32 0.67 0.00	58.55 0.00 0.00	40.88 0.28 0.00	36.56 0.43 0.00	34.24 0.34 0.00	34.24 0.31 0.00	36.75 0.58 0.00
MAPLEWOD_115KV_TB3 80458	32.47 0.54 0.00	31.48 0.56 0.00	31.10 0.58 0.00	30.76 0.54 0.00	31.05 0.55 0.00	34.11 0.67 0.00	44.19 1.12 0.00	52.64 1.08 0.00	48.40 1.04 -0.27	44.50 1.38 -1.39	48.76 2.27 -1.90	46.11 2.12 -1.54	45.73 2.10 -1.62	45.00 2.11 -1.58	45.41 2.13 -1.46	47.00 2.30 -1.22	56.63 2.69 -2.25	111.42 4.18 -23.59	96.48 2.93 -35.00	79.81 2.07 -37.14	79.32 1.84 -41.36	68.76 1.73 -33.13	59.24 1.76 -23.54	47.70 1.88 -9.65
MAPLE_RIDGE_WT_1 323574	31.99 0.06 0.00	30.98 0.06 0.00	30.58 0.06 0.00	30.31 0.09 0.00	30.53 0.03 0.00	33.44 0.00 0.00	43.07 0.00 0.00	51.76 0.21 0.00	47.24 0.14 0.00	41.65 -0.08 0.00	44.45 -0.13 0.00	42.32 -0.13 0.00	41.89 -0.13 0.00	41.20 -0.12 0.00	41.65 -0.17 0.00	43.31 -0.17 0.00	51.38 -0.31 0.00	83.32 -0.33 0.00	58.26 -0.29 0.00	40.40 -0.20 0.00	35.95 -0.18 0.00	33.77 -0.14 0.00	33.80 -0.14 0.00	35.99 -0.18 0.00
MAPLE_RIDGE_WT_2 323611	31.99 0.06 0.00	30.98 0.06 0.00	30.58 0.06 0.00	30.31 0.09 0.00	30.53 0.03 0.00	33.44 0.00 0.00	43.07 0.00 0.00	51.76 0.21 0.00	47.24 0.14 0.00	41.65 -0.08 0.00	44.45 -0.13 0.00	42.32 -0.13 0.00	41.89 -0.13 0.00	41.20 -0.12 0.00	41.65 -0.17 0.00	43.31 -0.17 0.00	51.38 -0.31 0.00	83.32 -0.33 0.00	58.26 -0.29 0.00	40.40 -0.20 0.00	35.95 -0.18 0.00	33.77 -0.14 0.00	33.80 -0.14 0.00	35.99 -0.18 0.00
MARBLE_RIVER_WT_PWR 323696	32.95 1.02 0.00	31.97 1.05 0.00	31.53 1.01 0.00	31.27 1.06 0.00	31.35 0.85 0.00	34.04 0.60 0.00	43.71 0.65 0.00	52.28 0.72 0.00	47.52 0.42 0.00	42.16 0.42 0.00	44.90 0.31 0.00	42.78 0.34 0.00	42.14 0.13 0.00	41.40 0.08 0.00	41.81 0.00 0.00	43.31 -0.17 0.00	51.17 -0.52 0.00	83.23 -0.42 0.00	57.79 -0.76 0.00	40.48 -0.12 0.00	36.13 0.00 0.00	33.83 -0.07 0.00	33.83 -0.10 0.00	36.42 0.25 0.00
MARSHVLE_115KV_TB1 80742	33.27 1.34 0.00	32.19 1.27 0.00	31.83 1.31 0.00	31.42 1.21 0.00	31.87 1.37 0.00	35.11 1.67 0.00	45.74 2.67 0.00	54.39 2.84 0.00	49.87 2.59 -0.18	45.21 2.55 -0.93	48.62 2.76 -1.27	45.94 2.46 -1.03	45.65 2.56 -1.08	44.89 2.52 -1.05	45.34 2.55 -0.98	47.25 2.96 -0.81	57.12 3.93 -1.51	115.28 6.52 -25.11	101.38 4.51 -38.33	84.93 3.13 -41.21	85.44 2.64 -46.67	73.63 2.34 -37.39	62.64 2.14 -26.56	49.34 2.28 -10.89
MARSH_HILL_WT_PWR 323713	33.56 1.63 0.00	32.59 1.67 0.00	32.20 1.68 0.00	31.91 1.69 0.00	32.14 1.65 0.00	35.11 1.67 0.00	44.36 1.29 0.00	52.59 1.03 0.00	47.92 0.89 0.07	42.65 1.30 0.38	44.46 0.40 0.52	42.54 0.51 0.42	41.90 0.33 0.44	41.26 0.37 0.43	41.46 0.04 0.40	43.41 0.26 0.33	51.69 0.62 0.62	86.86 0.92 -2.29	63.69 0.82 -4.32	46.43 0.77 -5.06	43.42 0.98 -6.31	39.47 0.51 -5.06	37.87 0.34 -3.59	38.58 0.94 -1.47
MCINTYRE_115KV_TB2 80467	32.82 0.89 0.00	31.85 0.93 0.00	31.38 0.85 0.00	31.27 1.06 0.00	31.50 1.01 0.00	34.07 0.64 0.00	43.93 0.86 0.00	53.31 1.75 0.00	48.46 1.37 0.00	42.24 0.50 0.00	45.12 0.54 0.00	42.87 0.42 0.00	42.35 0.34 0.00	41.73 0.41 0.00	42.27 0.46 0.00	43.87 0.39 0.00	52.15 0.47 0.00	84.99 1.34 0.00	59.31 0.76 0.00	41.17 0.57 0.00	36.74 0.61 0.00	34.61 0.71 0.00	34.58 0.64 0.00	36.82 0.65 0.00
MECO___69_KV_BK1 80468	34.80 2.87 0.00	33.70 2.78 0.00	33.39 2.87 0.00	32.87 2.66 0.00	33.42 2.93 0.00	36.85 3.41 0.00	48.10 5.04 0.00	56.97 5.41 0.00	52.06 4.76 -0.21	47.22 4.42 -1.06	50.90 4.86 -1.45	47.91 4.29 -1.17	47.83 4.58 -1.24	46.94 4.42 -1.20	47.37 4.43 -1.12	49.67 5.26 -0.93	60.38 6.98 -1.72	122.28 11.79 -26.84	107.40 8.02 -40.83	89.87 5.44 -43.83	90.38 4.70 -49.55	77.76 4.17 -39.69	66.01 3.87 -28.20	51.97 4.23 -11.56
MENANDS__115KV_TB5 355628	32.28 0.35 0.00	31.29 0.37 0.00	30.92 0.40 0.00	30.58 0.36 0.00	30.89 0.40 0.00	33.90 0.47 0.00	43.93 0.86 0.00	52.28 0.72 0.00	48.12 0.75 -0.27	44.21 1.09 -1.39	48.59 2.10 -1.90	45.94 1.95 -1.54	45.56 1.93 -1.62	44.84 1.94 -1.58	45.29 2.01 -1.47	46.83 2.13 -1.22	56.37 2.43 -2.26	110.56 3.76 -23.14	95.47 2.63 -34.29	78.82 1.87 -36.35	78.27 1.70 -40.44	67.86 1.56 -32.40	58.58 1.63 -23.02	47.38 1.77 -9.44
MG INDUSTRY___DRP 24185	32.54 0.61 0.00	31.54 0.62 0.00	31.16 0.64 0.00	30.82 0.60 0.00	31.11 0.61 0.00	34.14 0.70 0.00	44.14 1.08 0.00	52.53 0.98 0.00	48.29 0.94 -0.25	44.29 1.25 -1.30	48.42 2.05 -1.78	45.79 1.91 -1.44	45.46 1.93 -1.51	44.69 1.90 -1.47	45.15 1.97 -1.37	46.70 2.09 -1.14	56.22 2.43 -2.11	106.19 3.76 -18.77	88.67 2.63 -27.48	71.48 1.91 -28.97	69.84 1.73 -31.98	61.15 1.63 -25.62	53.84 1.70 -18.20	45.48 1.84 -7.46
MID___OSWEGATCHIE_HYD 23849	31.74 -0.19 0.00	30.74 -0.19 0.00	30.31 -0.21 0.00	30.12 -0.09 0.00	30.31 -0.18 0.00	32.87 -0.57 0.00	42.42 -0.65 0.00	51.25 -0.31 0.00	46.72 -0.38 0.00	41.03 -0.71 0.00	43.83 -0.76 0.00	41.64 -0.81 0.00	41.17 -0.84 0.00	40.58 -0.74 0.00	41.10 -0.71 0.00	42.83 -0.65 0.00	50.96 -0.72 0.00	82.81 -0.84 0.00	57.79 -0.76 0.00	40.07 -0.53 0.00	35.73 -0.40 0.00	33.66 -0.24 0.00	33.60 -0.34 0.00	35.77 -0.40 0.00
MID___RAQUETTE_HYD 23851	32.22 0.29 0.00	31.23 0.31 0.00	30.77 0.24 0.00	30.67 0.45 0.00	30.77 0.27 0.00	33.07 -0.37 0.00	42.51 -0.56 0.00	51.55 0.00 0.00	46.91 -0.19 0.00	40.90 -0.83 0.00	43.83 -0.76 0.00	41.68 -0.76 0.00	41.17 -0.84 0.00	40.53 -0.79 0.00	41.06 -0.75 0.00	42.61 -0.87 0.00	50.44 -1.24 0.00	82.14 -1.51 0.00	57.26 -1.29 0.00	39.75 -0.85 0.00	35.62 -0.51 0.00	33.73 -0.17 0.00	33.80 -0.14 0.00	36.03 -0.14 0.00
MILLIKEN___1 23584	32.76 0.83 0.00	31.72 0.80 0.00	31.31 0.79 0.00	30.97 0.76 0.00	31.29 0.79 0.00	34.34 0.90 0.00	44.27 1.21 0.00	52.79 1.24 0.00	48.22 1.18 0.06	42.67 1.29 0.37	45.20 1.11 0.50	43.10 1.06 0.41	42.59 1.01 0.43	41.94 1.03 0.42	42.35 0.92 0.39	44.29 1.13 0.32	52.80 1.71 0.59	88.69 2.84 -2.19	64.93 2.17 -4.21	47.10 1.54 -4.96	43.62 1.26 -6.23	39.97 1.08 -4.99	38.29 0.81 -3.54	38.60 0.98 -1.45
MILLIKEN___2 23585	32.76 0.83 0.00	31.72 0.80 0.00	31.31 0.79 0.00	30.97 0.76 0.00	31.29 0.79 0.00	34.34 0.90 0.00	44.27 1.21 0.00	52.79 1.24 0.00	48.22 1.18 0.06	42.67 1.29 0.37	45.20 1.11 0.50	43.10 1.06 0.41	42.59 1.01 0.43	41.94 1.03 0.42	42.35 0.92 0.39	44.29 1.13 0.32	52.80 1.71 0.59	88.69 2.84 -2.19	64.93 2.17 -4.21	47.10 1.54 -4.96	43.62 1.26 -6.23	39.97 1.08 -4.99	38.29 0.81 -3.54	38.60 0.98 -1.45

MILLIKEN___DIESEL 23629	32.76 0.83 0.00	31.72 0.80 0.00	31.31 0.79 0.00	30.97 0.76 0.00	31.29 0.79 0.00	34.34 0.90 0.00	44.27 1.21 0.00	52.79 1.24 0.00	48.22 1.18 0.06	42.67 1.29 0.37	45.20 1.11 0.50	43.10 1.06 0.41	42.59 1.01 0.43	41.94 1.03 0.42	42.35 0.92 0.39	44.29 1.13 0.32	52.80 1.71 0.59	88.69 2.84 -2.19	64.93 2.17 -4.21	47.10 1.54 -4.96	43.62 1.26 -6.23	39.97 1.08 -4.99	38.29 0.81 -3.54	38.60 0.98 -1.45
MILLSEAT___LFGE 323607	32.22 0.29 0.00	31.32 0.40 0.00	30.95 0.43 0.00	30.67 0.45 0.00	30.86 0.37 0.00	33.67 0.24 0.00	42.03 -1.03 0.00	49.60 -1.96 0.00	45.43 -1.60 0.06	40.49 -0.92 0.33	42.09 -2.05 0.45	40.22 -1.87 0.36	39.70 -1.93 0.38	39.17 -1.78 0.37	39.34 -2.13 0.34	41.24 -1.96 0.29	49.03 -2.12 0.53	82.07 -3.35 -1.77	59.62 -2.28 -3.35	43.14 -1.38 -3.92	39.76 -1.27 -4.90	36.17 -1.66 -3.93	35.20 -1.53 -2.79	36.41 -0.90 -1.14
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.40 1.47 0.00	32.25 1.33 0.00	31.80 1.28 0.00	31.45 1.24 0.00	31.78 1.28 0.00	35.11 1.67 0.00	45.61 2.54 0.00	54.13 2.58 0.00	50.56 2.40 -1.06	49.83 2.67 -5.42	54.91 2.90 -7.43	51.25 2.80 -6.00	51.23 2.90 -6.32	50.33 2.85 -6.16	50.51 2.97 -5.72	51.23 3.00 -4.75	64.00 3.51 -8.81	110.40 4.68 -22.07	86.66 3.34 -24.78	65.10 2.27 -22.22	57.01 2.02 -18.86	50.94 1.93 -15.10	46.84 2.17 -10.73	42.89 2.31 -4.40
MILLWOOD_13_KV_LOAD 356217	33.46 1.53 0.00	32.34 1.42 0.00	31.86 1.34 0.00	31.54 1.33 0.00	31.84 1.34 0.00	35.17 1.74 0.00	45.69 2.63 0.00	54.29 2.73 0.00	50.70 2.54 -1.06	50.00 2.84 -5.42	55.05 3.03 -7.43	51.38 2.93 -6.00	51.36 3.02 -6.32	50.45 2.97 -6.16	50.67 3.14 -5.72	51.36 3.13 -4.75	64.16 3.67 -8.81	110.65 4.94 -22.07	86.90 3.57 -24.78	65.26 2.44 -22.22	57.15 2.17 -18.86	51.04 2.03 -15.10	46.91 2.24 -10.73	42.99 2.42 -4.40
MODEL_CITY_ENERGY 24167	31.45 -0.48 0.00	30.64 -0.28 0.00	30.31 -0.21 0.00	30.03 -0.18 0.00	30.22 -0.28 0.00	32.90 -0.54 0.00	40.78 -2.28 0.00	47.94 -3.61 0.00	43.83 -3.20 0.06	39.11 -2.30 0.33	40.61 -3.52 0.46	38.85 -3.23 0.37	38.35 -3.28 0.39	37.84 -3.10 0.38	37.99 -3.47 0.35	39.80 -3.39 0.29	47.06 -4.08 0.54	78.78 -6.69 -1.83	57.44 -4.57 -3.45	41.76 -2.88 -4.04	38.61 -2.56 -5.05	35.13 -2.81 -4.04	34.20 -2.61 -2.87	35.43 -1.92 -1.18
MODERN_LFGE___ 323580	31.45 -0.48 0.00	30.64 -0.28 0.00	30.31 -0.21 0.00	30.03 -0.18 0.00	30.22 -0.28 0.00	32.90 -0.54 0.00	40.78 -2.28 0.00	47.94 -3.61 0.00	43.83 -3.20 0.06	39.11 -2.30 0.33	40.61 -3.52 0.46	38.85 -3.23 0.37	38.35 -3.28 0.39	37.84 -3.10 0.38	37.99 -3.47 0.35	39.80 -3.39 0.29	47.06 -4.08 0.54	78.78 -6.69 -1.83	57.44 -4.57 -3.45	41.76 -2.88 -4.04	38.61 -2.56 -5.05	35.13 -2.81 -4.04	34.20 -2.61 -2.87	35.43 -1.92 -1.18
MOHAWK_PAPER___DRP 24187	32.47 0.54 0.00	31.48 0.56 0.00	31.10 0.58 0.00	30.76 0.54 0.00	31.05 0.55 0.00	34.11 0.67 0.00	44.19 1.12 0.00	52.64 1.08 0.00	48.40 1.04 -0.27	44.50 1.38 -1.39	48.76 2.27 -1.90	46.11 2.12 -1.54	45.73 2.10 -1.62	45.00 2.11 -1.58	45.41 2.13 -1.46	47.00 2.30 -1.22	56.63 2.69 -2.25	111.42 4.18 -23.59	96.48 2.93 -35.00	79.81 2.07 -37.14	79.32 1.84 -41.36	68.76 1.73 -33.13	59.24 1.76 -23.54	47.70 1.88 -9.65
MOHICAN___35_KV_115KV_LD 80490	33.21 1.28 0.00	32.19 1.27 0.00	31.83 1.31 0.00	31.42 1.21 0.00	31.81 1.31 0.00	35.01 1.57 0.00	45.61 2.54 0.00	54.34 2.78 0.00	49.96 2.59 -0.27	45.85 2.71 -1.40	49.76 3.25 -1.92	46.67 2.67 -1.55	46.08 2.44 -1.63	45.31 2.40 -1.59	45.68 2.38 -1.48	47.36 2.65 -1.23	57.37 3.41 -2.28	118.24 5.44 -29.15	106.22 3.81 -43.87	90.09 2.64 -46.85	91.03 2.28 -52.62	78.26 2.20 -42.15	65.99 2.10 -29.95	50.91 2.46 -12.28
MONGAUP___HYD 23641	33.27 1.34 0.00	32.13 1.20 0.00	31.74 1.22 0.00	31.33 1.12 0.00	31.75 1.25 0.00	34.84 1.40 0.00	45.09 2.02 0.00	53.51 1.96 0.00	47.61 1.69 1.18	37.67 2.04 6.11	38.30 2.10 8.38	37.76 2.08 6.77	36.90 2.02 7.13	36.44 2.07 6.94	37.54 2.17 6.45	40.29 2.17 5.36	44.60 2.84 9.93	79.24 2.26 6.67	62.96 2.64 -1.77	50.42 1.99 -7.83	55.13 1.66 -17.34	49.35 1.56 -13.89	45.47 1.66 -9.87	42.06 1.84 -4.05
MONTAUK___DIESEL 23721	36.28 4.34 -0.01	34.91 3.99 0.00	34.31 3.78 0.00	33.90 3.69 0.00	34.40 3.90 0.00	38.26 4.81 -0.01	51.05 6.63 -1.35	58.05 6.50 0.00	54.46 6.36 -1.00	53.01 6.14 -5.14	60.47 7.00 -8.88	57.18 6.71 -8.03	54.57 6.55 -6.00	60.16 6.61 -12.23	60.38 6.82 -11.75	63.56 7.00 -13.08	72.54 8.53 -12.33	118.55 13.47 -21.43	114.56 9.66 -46.35	80.98 6.66 -33.72	79.30 5.74 -37.43	64.69 5.36 -25.44	58.04 5.63 -18.48	49.68 6.08 -7.44
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.62 1.69 0.00	32.74 1.82 0.00	32.38 1.86 0.00	31.94 1.72 0.00	32.20 1.71 0.00	35.21 1.77 0.00	44.23 1.16 0.00	52.07 0.52 0.00	47.75 0.71 0.05	42.35 0.96 0.35	44.20 0.09 0.48	42.23 0.17 0.39	41.60 0.00 0.41	41.01 0.08 0.40	41.11 -0.33 0.37	43.09 -0.09 0.31	51.27 0.16 0.57	86.01 0.50 -1.86	62.66 0.47 -3.64	45.57 0.65 -4.32	41.99 0.40 -5.46	38.24 -0.03 -4.38	36.81 -0.24 -3.11	37.84 0.40 -1.28
MORTIMER_115KV_TB3 55949	31.70 -0.22 0.00	30.74 -0.19 0.00	30.37 -0.15 0.00	30.00 -0.21 0.00	30.28 -0.21 0.00	33.17 -0.27 0.00	42.16 -0.90 0.00	49.90 -1.65 0.00	46.02 -1.04 0.04	40.80 -0.63 0.31	42.96 -1.20 0.42	41.00 -1.10 0.34	40.52 -1.13 0.36	39.85 -1.12 0.35	40.15 -1.34 0.33	41.95 -1.26 0.27	49.94 -1.24 0.50	83.19 -1.92 -1.46	60.25 -1.23 -2.93	43.45 -0.65 -3.50	39.87 -0.72 -4.46	36.56 -0.92 -3.57	35.42 -1.05 -2.54	36.31 -0.90 -1.04
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.49 1.56 0.00	32.34 1.42 0.00	31.86 1.34 0.00	31.54 1.33 0.00	31.87 1.37 0.00	35.21 1.77 0.00	45.74 2.67 0.00	54.34 2.78 0.00	50.69 2.59 -1.00	49.76 2.88 -5.14	54.67 3.03 -7.05	51.12 2.97 -5.70	51.08 3.07 -6.00	50.18 3.02 -5.84	50.38 3.14 -5.43	51.12 3.13 -4.51	63.71 3.67 -8.36	110.03 4.94 -21.44	86.37 3.51 -24.30	64.95 2.40 -21.96	57.08 2.06 -18.90	51.11 2.07 -15.14	47.03 2.34 -10.76	43.11 2.53 -4.41
MUNSVILLE_WIND_PWR 323609	35.35 3.42 0.00	34.29 3.37 0.00	33.79 3.27 0.00	33.39 3.17 0.00	33.94 3.45 0.00	37.25 3.81 0.00	48.23 5.17 0.00	57.84 6.29 0.00	52.47 5.46 0.09	46.30 5.01 0.44	48.88 4.90 0.61	46.63 4.67 0.49	45.78 4.29 0.52	45.40 4.59 0.50	46.03 4.68 0.47	48.18 5.08 0.39	57.84 6.87 0.72	98.54 11.04 -3.85	73.42 7.90 -6.97	54.20 5.56 -8.04	50.63 4.63 -9.88	45.95 4.13 -7.92	43.33 3.77 -5.62	42.71 4.23 -2.31
N SALMON___HYD 24042	33.14 1.21 0.00	32.13 1.20 0.00	31.68 1.16 0.00	31.42 1.21 0.00	31.41 0.91 0.00	34.21 0.77 0.00	43.97 0.91 0.00	52.79 1.24 0.00	47.99 0.89 0.00	42.32 0.58 0.00	45.21 0.62 0.00	43.04 0.59 0.00	42.43 0.42 0.00	41.73 0.41 0.00	42.15 0.33 0.00	43.70 0.22 0.00	51.74 0.05 0.00	84.31 0.67 0.00	58.55 0.00 0.00	40.89 0.29 0.00	36.56 0.44 0.00	34.28 0.37 0.00	34.27 0.34 0.00	36.75 0.58 0.00

N.AKRON__115KV_KNAPP 355671	32.25 0.32 0.00	31.32 0.40 0.00	30.98 0.46 0.00	30.61 0.39 0.00	30.86 0.37 0.00	33.74 0.30 0.00	41.99 -1.08 0.00	49.39 -2.17 0.00	45.59 -1.46 0.05	40.45 -0.96 0.33	42.26 -1.87 0.45	40.30 -1.78 0.36	39.78 -1.85 0.38	39.21 -1.74 0.37	39.34 -2.13 0.35	41.24 -1.96 0.29	49.03 -2.12 0.53	81.78 -3.51 -1.64	59.41 -2.40 -3.26	43.18 -1.30 -3.88	39.75 -1.30 -4.92	36.28 -1.56 -3.94	35.34 -1.39 -2.80	36.38 -0.94 -1.15
N.BELMOR_69_KV_BK1 55787	34.37 2.43 -0.01	33.15 2.23 0.00	32.60 2.08 0.00	32.24 2.02 0.00	32.63 2.13 0.00	36.13 2.67 -0.01	48.61 3.66 -1.89	54.91 3.35 0.00	51.49 3.39 -1.00	50.42 3.55 -5.14	58.26 4.06 -9.61	55.30 3.91 -8.95	52.01 3.99 -6.00	60.04 3.97 -14.76	60.17 4.10 -14.26	64.01 4.04 -16.49	87.25 4.60 -30.96	111.36 6.27 -21.43	118.04 4.39 -55.10	82.07 3.09 -38.39	83.68 2.78 -44.77	69.26 2.78 -32.58	58.21 3.19 -21.08	48.03 3.40 -8.46
N.E_GEN_SANDY PD 24062	48.66 1.69 -15.04	46.34 1.55 -13.87	49.12 1.53 -17.07	49.28 1.45 -17.62	50.03 1.58 -17.95	58.00 1.90 -22.66	72.58 2.76 -26.76	83.90 2.78 -29.56	69.02 2.59 -19.33	59.00 2.84 -14.42	76.57 3.21 -28.77	74.00 3.06 -28.50	76.00 3.11 -30.88	82.48 3.10 -38.06	84.83 3.18 -39.84	101.49 3.22 -54.79	113.18 3.77 -57.72	142.35 5.10 -53.60	116.82 3.63 -54.64	93.08 2.56 -49.92	94.65 2.28 -56.25	89.18 2.17 -53.11	83.11 2.37 -46.80	76.91 2.53 -38.21
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.11 1.18 0.00	32.00 1.08 0.00	31.56 1.04 0.00	31.24 1.03 0.00	31.56 1.07 0.00	34.81 1.37 0.00	45.13 2.07 0.00	53.57 2.01 0.00	47.34 1.74 1.50	35.96 2.09 7.87	36.07 2.27 10.79	35.94 2.21 8.71	35.15 2.31 9.18	34.66 2.27 8.93	35.94 2.43 8.30	38.97 2.39 6.90	41.70 2.79 12.78	77.46 3.51 9.70	60.79 2.52 0.28	49.20 1.71 -6.90	55.79 1.55 -18.11	49.93 1.53 -14.51	45.94 1.70 -10.31	42.24 1.84 -4.23
N.QUEENS_27_KV_LOAD 356247	33.62 1.69 0.00	32.44 1.52 0.00	31.91 1.40 0.02	31.59 1.39 0.02	31.91 1.43 0.02	35.17 1.74 0.00	45.43 2.37 0.00	53.72 2.17 0.00	50.22 2.12 -1.00	49.39 2.50 -5.15	54.23 2.59 -7.06	50.70 2.55 -5.70	50.71 2.69 -6.01	49.85 2.69 -5.85	50.01 2.76 -5.43	50.77 2.78 -4.51	63.25 3.20 -8.36	109.28 4.18 -21.45	85.79 2.93 -24.31	64.55 1.99 -21.96	56.69 1.66 -18.90	50.84 1.80 -15.14	46.90 2.21 -10.76	43.33 2.75 -4.41
N.TROY___115KV_TB1 355778	33.01 1.09 0.00	31.97 1.05 0.00	31.56 1.04 0.00	31.21 1.00 0.00	31.53 1.04 0.00	34.71 1.27 0.00	44.96 1.89 0.00	53.57 2.01 0.00	49.27 1.88 -0.29	45.32 2.09 -1.49	49.27 2.63 -2.05	46.56 2.46 -1.66	46.19 2.44 -1.74	45.41 2.40 -1.70	45.82 2.43 -1.58	47.35 2.57 -1.31	57.11 3.00 -2.43	115.06 4.52 -26.89	101.84 3.22 -40.07	85.48 2.27 -42.60	85.72 2.02 -47.57	73.90 1.90 -38.10	62.98 1.97 -27.07	49.44 2.17 -11.10
NARROWS_GT1_1 24228	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
NARROWS_GT1_2 24229	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
NARROWS_GT1_3 24230	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
NARROWS_GT1_4 24231	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
NARROWS_GT1_5 24232	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
NARROWS_GT1_6 24233	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
NARROWS_GT1_7 24234	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
NARROWS_GT1_8 24235	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
NARROWS_GT2_1 24236	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41

NARROWS_GT2_2 24237	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
NARROWS_GT2_3 24238	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
NARROWS_GT2_4 24239	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
NARROWS_GT2_5 24240	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
NARROWS_GT2_6 24241	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
NARROWS_GT2_7 24242	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
NARROWS_GT2_8 24243	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.89 0.96 0.00	31.85 0.93 0.00	31.53 1.01 0.00	31.15 0.94 0.00	31.47 0.98 0.00	34.41 0.97 0.00	44.66 1.59 0.00	53.05 1.50 0.00	49.00 1.70 -0.21	44.52 1.71 -1.08	48.82 2.76 -1.48	46.23 2.59 -1.19	45.83 2.56 -1.25	45.06 2.52 -1.22	45.58 2.63 -1.14	47.42 3.00 -0.94	57.10 3.67 -1.75	106.24 5.10 -17.49	88.21 3.81 -25.86	70.58 2.60 -27.39	68.87 2.31 -30.43	60.31 2.03 -24.37	53.22 1.97 -17.32	45.48 2.21 -7.10
NCHELSEA_115KV_TR2 355582	33.52 1.60 0.00	32.37 1.45 0.00	31.96 1.43 0.00	31.60 1.39 0.00	31.93 1.43 0.00	35.17 1.74 0.00	45.65 2.58 0.00	54.24 2.68 0.00	49.72 2.45 -0.17	45.43 2.67 -1.02	48.84 2.85 -1.40	46.33 2.76 -1.13	46.06 2.86 -1.19	45.29 2.85 -1.16	45.86 2.97 -1.08	47.41 3.04 -0.89	56.96 3.62 -1.65	100.33 4.94 -11.75	78.92 3.57 -16.80	60.50 2.40 -17.51	57.28 2.13 -19.03	51.11 1.97 -15.24	46.90 2.14 -10.83	42.96 2.35 -4.44
NEG CAPITAL___MECHNVIL 23645	33.30 1.37 0.00	32.25 1.33 0.00	31.90 1.37 0.00	31.48 1.27 0.00	31.90 1.40 0.00	35.04 1.60 0.00	45.52 2.45 0.00	54.18 2.63 0.00	49.87 2.49 -0.28	45.77 2.59 -1.44	49.68 3.12 -1.97	46.89 2.84 -1.59	46.46 2.77 -1.68	45.68 2.73 -1.64	46.09 2.76 -1.52	47.70 2.96 -1.26	57.64 3.62 -2.34	118.07 5.61 -28.82	105.50 3.92 -43.03	89.11 2.72 -45.79	89.77 2.46 -51.18	77.17 2.27 -41.00	65.34 2.27 -29.13	50.61 2.49 -11.95
NEG CENTRAL_HIGH_ACRES 23767	31.10 -0.83 0.00	30.12 -0.80 0.00	29.76 -0.76 0.00	29.46 -0.75 0.00	29.70 -0.79 0.00	32.50 -0.94 0.00	41.60 -1.46 0.00	49.44 -2.12 0.00	45.49 -1.55 0.06	40.43 -1.00 0.30	42.57 -1.60 0.42	40.67 -1.44 0.34	40.02 -1.64 0.35	39.36 -1.61 0.35	39.70 -1.80 0.32	41.52 -1.70 0.27	49.43 -1.76 0.49	82.63 -2.59 -1.58	59.78 -1.75 -2.99	42.96 -1.14 -3.50	39.45 -1.05 -4.38	36.08 -1.32 -3.51	34.90 -1.53 -2.49	35.78 -1.41 -1.02
NEG CENTRAL___DRP 24199	32.18 0.26 0.00	31.17 0.25 0.00	30.80 0.27 0.00	30.46 0.24 0.00	30.74 0.24 0.00	33.77 0.33 0.00	43.28 0.22 0.00	51.50 -0.05 0.00	47.20 0.14 0.04	41.81 0.38 0.31	44.21 0.04 0.42	42.23 0.13 0.34	41.78 0.13 0.36	41.09 0.12 0.35	41.49 0.00 0.32	43.17 -0.04 0.27	51.44 0.26 0.50	85.76 0.59 -1.52	62.17 0.59 -3.03	44.73 0.53 -3.61	41.04 0.33 -4.58	37.84 0.27 -3.67	36.58 0.03 -2.61	37.42 0.18 -1.07
NEG CENTRAL___INDECK 23768	33.21 1.28 0.00	32.19 1.27 0.00	31.77 1.25 0.00	31.45 1.24 0.00	31.72 1.22 0.00	34.67 1.24 0.00	42.81 -0.26 0.00	50.83 -0.72 0.00	46.51 -0.52 0.07	41.26 -0.12 0.35	43.08 -1.02 0.48	41.46 -0.59 0.39	41.01 -0.59 0.41	40.43 -0.49 0.40	40.69 -0.75 0.37	42.74 -0.43 0.31	51.22 0.10 0.57	86.09 0.42 -2.02	62.77 0.41 -3.81	45.50 0.45 -4.45	43.24 1.55 -5.56	39.30 0.95 -4.45	37.74 0.64 -3.16	38.52 1.05 -1.30
NEG CENTRAL___SENECA 23627	32.60 0.67 0.00	31.57 0.65 0.00	31.19 0.67 0.00	30.85 0.63 0.00	31.14 0.64 0.00	34.17 0.74 0.00	43.67 0.60 0.00	51.97 0.41 0.00	47.62 0.57 0.05	42.17 0.75 0.32	44.50 0.36 0.44	42.56 0.47 0.36	42.10 0.46 0.38	41.41 0.45 0.37	41.77 0.29 0.34	43.41 0.22 0.28	51.78 0.62 0.52	86.38 1.09 -1.65	62.74 0.94 -3.25	45.28 0.81 -3.86	41.61 0.58 -4.90	38.34 0.51 -3.93	36.96 0.24 -2.79	37.75 0.43 -1.14
NEG CENTRAL___STATE_STREET 24147	31.99 0.06 0.00	30.95 0.03 0.00	30.55 0.03 0.00	30.24 0.03 0.00	30.53 0.03 0.00	33.54 0.10 0.00	43.24 0.17 0.00	51.55 0.00 0.00	47.24 0.19 0.04	41.81 0.38 0.30	44.35 0.18 0.41	42.28 0.17 0.34	41.83 0.17 0.35	41.14 0.17 0.34	41.58 0.08 0.32	43.34 0.13 0.27	51.61 0.41 0.49	85.99 0.84 -1.51	62.31 0.76 -3.00	44.73 0.57 -3.56	41.05 0.40 -4.53	37.80 0.27 -3.63	36.55 0.03 -2.58	37.34 0.11 -1.06

NEG MILLWOOD___DRP 24198	33.72 1.79 0.00	32.59 1.67 0.00	32.11 1.59 0.00	31.82 1.60 0.00	32.05 1.56 0.00	35.38 1.94 0.00	45.95 2.89 0.00	54.75 3.20 0.00	50.60 2.97 -0.53	47.74 3.21 -2.79	51.79 3.39 -3.82	48.76 3.23 -3.09	48.54 3.28 -3.25	47.71 3.22 -3.16	48.14 3.39 -2.94	49.40 3.48 -2.44	60.29 4.08 -4.53	105.47 5.86 -15.96	82.88 4.22 -20.11	62.92 2.80 -19.52	57.82 2.60 -19.10	51.54 2.34 -15.30	47.25 2.44 -10.87	43.27 2.64 -4.46
NEG NORTH_FLCN_SEA 23793	33.37 1.44 0.00	32.34 1.42 0.00	31.89 1.37 0.00	31.60 1.39 0.00	31.78 1.28 0.00	34.24 0.80 0.00	44.14 1.08 0.00	52.22 0.67 0.00	47.47 0.38 0.00	42.36 0.63 0.00	45.17 0.58 0.00	43.00 0.55 0.00	42.31 0.29 0.00	41.61 0.29 0.00	41.98 0.17 0.00	43.48 0.00 0.00	51.89 0.21 0.00	83.23 -0.42 0.00	57.73 -0.82 0.00	40.72 0.12 0.00	36.34 0.22 0.00	34.00 0.10 0.00	34.00 0.07 0.00	36.86 0.69 0.00
NEG NORTH_KES_CHATEGAY 23792	33.01 1.09 0.00	32.03 1.11 0.00	31.59 1.07 0.00	31.30 1.09 0.00	31.47 0.98 0.00	34.14 0.70 0.00	44.01 0.95 0.00	52.53 0.98 0.00	47.76 0.66 0.00	42.24 0.50 0.00	44.99 0.40 0.00	42.87 0.42 0.00	42.22 0.21 0.00	41.48 0.17 0.00	41.90 0.08 0.00	43.43 -0.04 0.00	51.79 0.10 0.00	83.73 0.08 0.00	58.14 -0.41 0.00	40.64 0.04 0.00	36.27 0.14 0.00	33.94 0.03 0.00	33.94 0.00 0.00	36.50 0.33 0.00
NEG NORTH___ALICE_FALLS 23915	33.37 1.44 0.00	32.37 1.45 0.00	31.92 1.40 0.00	31.60 1.39 0.00	31.78 1.28 0.00	34.37 0.94 0.00	44.36 1.29 0.00	52.84 1.29 0.00	47.99 0.89 0.00	42.66 0.92 0.00	45.48 0.89 0.00	43.30 0.85 0.00	42.64 0.63 0.00	41.90 0.58 0.00	42.27 0.46 0.00	43.83 0.35 0.00	52.36 0.67 0.00	84.32 0.67 0.00	58.49 -0.06 0.00	41.09 0.49 0.00	36.70 0.58 0.00	34.27 0.37 0.00	34.27 0.34 0.00	37.04 0.87 0.00
NEG NORTH___LWR_SARANAC 23913	33.37 1.44 0.00	32.37 1.45 0.00	31.92 1.40 0.00	31.60 1.39 0.00	31.78 1.28 0.00	34.37 0.94 0.00	44.36 1.29 0.00	52.84 1.29 0.00	47.99 0.89 0.00	42.66 0.92 0.00	45.48 0.89 0.00	43.30 0.85 0.00	42.64 0.63 0.00	41.90 0.58 0.00	42.27 0.46 0.00	43.83 0.35 0.00	52.36 0.67 0.00	84.32 0.67 0.00	58.49 -0.06 0.00	41.09 0.49 0.00	36.70 0.58 0.00	34.27 0.37 0.00	34.27 0.34 0.00	37.04 0.87 0.00
NEG NORTH___PLATTSBURG 23628	33.37 1.44 0.00	32.37 1.45 0.00	31.93 1.40 0.00	31.63 1.42 0.00	31.68 1.19 0.00	34.37 0.93 0.00	44.14 1.08 0.00	52.84 1.29 0.00	47.99 0.89 0.00	42.65 0.92 0.00	45.48 0.89 0.00	43.30 0.85 0.00	42.64 0.63 0.00	41.90 0.58 0.00	42.28 0.46 0.00	43.82 0.35 0.00	51.79 0.10 0.00	84.31 0.67 0.00	58.49 -0.06 0.00	41.09 0.49 0.00	36.70 0.58 0.00	34.31 0.41 0.00	34.27 0.34 0.00	37.04 0.87 0.00
NEG WEST_LEA_LOCKPORT 23791	31.83 -0.10 0.00	30.98 0.06 0.00	30.67 0.15 0.00	30.27 0.06 0.00	30.53 0.03 0.00	33.34 -0.10 0.00	41.00 -2.07 0.00	48.05 -3.51 0.00	44.37 -2.68 0.05	39.36 -2.05 0.33	41.10 -3.03 0.45	39.24 -2.84 0.37	38.73 -2.90 0.39	38.17 -2.77 0.38	38.25 -3.22 0.35	40.06 -3.13 0.29	47.48 -3.67 0.54	79.14 -6.19 -1.68	57.72 -4.16 -3.33	42.04 -2.52 -3.96	38.87 -2.28 -5.02	35.48 -2.44 -4.02	34.72 -2.07 -2.86	35.82 -1.52 -1.17
NEG WEST___LANCASTR 23811	33.52 1.60 0.00	32.65 1.73 0.00	32.35 1.83 0.00	31.94 1.72 0.00	32.20 1.71 0.00	35.14 1.71 0.00	43.97 0.90 0.00	51.45 -0.10 0.00	47.24 0.19 0.05	41.93 0.54 0.35	43.89 -0.22 0.48	41.89 -0.17 0.39	41.31 -0.29 0.41	40.72 -0.21 0.39	40.90 -0.54 0.37	42.83 -0.35 0.30	50.86 -0.26 0.56	85.08 -0.42 -1.85	62.00 -0.18 -3.63	45.10 0.20 -4.30	41.64 0.07 -5.44	38.02 -0.24 -4.35	36.66 -0.37 -3.09	37.91 0.47 -1.27
NEG_PENN_ALLEGHNY 23528	32.41 0.48 0.00	31.41 0.49 0.00	31.04 0.52 0.00	30.70 0.48 0.00	31.01 0.52 0.00	33.97 0.53 0.00	43.71 0.65 0.00	51.97 0.41 0.00	47.38 0.38 0.09	41.92 0.67 0.48	44.37 0.45 0.66	42.34 0.42 0.53	41.87 0.42 0.56	41.23 0.46 0.55	41.72 0.42 0.51	43.62 0.56 0.42	51.72 0.82 0.78	88.19 1.17 -3.37	65.76 0.93 -6.28	48.65 0.73 -7.31	45.87 0.65 -9.09	41.62 0.44 -7.28	39.48 0.37 -5.18	38.87 0.58 -2.12
NEG___GEN_MONROE 24207	31.99 0.06 0.00	30.98 0.06 0.00	30.73 0.21 0.00	30.37 0.15 0.00	30.62 0.12 0.00	33.57 0.13 0.00	42.46 -0.60 0.00	50.11 -1.44 0.00	46.25 -0.80 0.04	41.01 -0.42 0.31	43.09 -1.07 0.42	41.13 -0.98 0.34	40.68 -0.97 0.36	39.98 -0.99 0.35	40.23 -1.25 0.33	42.08 -1.13 0.27	50.15 -1.03 0.50	83.53 -1.59 -1.47	60.56 -0.94 -2.95	43.79 -0.32 -3.52	40.18 -0.43 -4.49	36.82 -0.68 -3.59	35.67 -0.81 -2.55	36.67 -0.54 -1.05
NEPA___ENERGY 23901	32.60 0.67 0.00	31.76 0.83 0.00	31.47 0.95 0.00	31.06 0.85 0.00	31.35 0.85 0.00	34.17 0.74 0.00	42.85 -0.22 0.00	50.42 -1.13 0.00	46.25 -0.80 0.05	41.05 -0.33 0.35	42.94 -1.16 0.48	41.00 -1.06 0.39	40.47 -1.13 0.41	39.85 -1.07 0.40	40.02 -1.42 0.37	41.91 -1.26 0.31	49.77 -1.34 0.57	83.36 -2.17 -1.89	60.90 -1.35 -3.70	44.29 -0.69 -4.38	40.98 -0.69 -5.54	37.39 -0.95 -4.44	36.04 -1.05 -3.15	37.03 -0.43 -1.29
NEVERSINK___HYD 23608	33.56 1.63 0.00	32.40 1.48 0.00	31.99 1.46 0.00	31.58 1.36 0.00	32.02 1.52 0.00	35.17 1.74 0.00	45.65 2.58 0.00	54.18 2.63 0.00	49.10 2.31 0.31	42.57 2.42 1.59	44.81 2.41 2.18	43.02 2.33 1.76	42.55 2.39 1.85	41.83 2.31 1.81	42.65 2.51 1.68	44.69 2.61 1.39	52.46 3.36 2.58	93.04 4.77 -4.63	72.90 3.45 -10.90	56.53 2.31 -13.61	56.25 1.99 -18.13	50.29 1.86 -14.53	46.26 2.00 -10.32	42.61 2.21 -4.23
NEWKRMKL_115KV_TB1 55635	32.12 0.19 0.00	31.17 0.25 0.00	30.80 0.27 0.00	30.49 0.27 0.00	30.74 0.24 0.00	33.74 0.30 0.00	43.71 0.65 0.00	52.02 0.46 0.00	47.89 0.52 -0.27	44.08 0.96 -1.38	48.62 2.14 -1.89	45.97 1.99 -1.53	45.60 1.97 -1.61	44.87 1.98 -1.57	45.28 2.01 -1.46	46.86 2.17 -1.21	56.41 2.48 -2.24	110.21 3.85 -22.72	94.87 2.69 -33.62	78.14 1.91 -35.63	77.48 1.73 -39.61	67.23 1.59 -31.73	58.11 1.63 -22.55	47.19 1.77 -9.24
NEWTON___FALLS_HYD 23847	31.74 -0.19 0.00	30.74 -0.19 0.00	30.31 -0.21 0.00	30.12 -0.09 0.00	30.31 -0.18 0.00	32.87 -0.57 0.00	42.42 -0.65 0.00	51.25 -0.31 0.00	46.72 -0.38 0.00	41.03 -0.71 0.00	43.83 -0.76 0.00	41.64 -0.81 0.00	41.17 -0.84 0.00	40.58 -0.74 0.00	41.10 -0.71 0.00	42.83 -0.65 0.00	50.96 -0.72 0.00	82.81 -0.84 0.00	57.79 -0.76 0.00	40.07 -0.53 0.00	35.73 -0.40 0.00	33.66 -0.24 0.00	33.60 -0.34 0.00	35.77 -0.40 0.00
NGRID_A1_DSASP 323792	31.07 -0.86 0.00	30.27 -0.65 0.00	29.94 -0.58 0.00	29.67 -0.54 0.00	29.85 -0.64 0.00	32.50 -0.94 0.00	40.44 -2.63 0.00	47.48 -4.07 0.00	43.45 -3.58 0.06	38.78 -2.63 0.33	40.25 -3.88 0.46	38.55 -3.52 0.37	38.05 -3.57 0.39	37.51 -3.43 0.38	37.66 -3.80 0.35	39.45 -3.74 0.29	46.59 -4.55 0.54	78.04 -7.45 -1.84	56.93 -5.09 -3.47	41.42 -3.25 -4.07	38.31 -2.89 -5.08	34.88 -3.08 -4.07	33.84 -2.99 -2.89	35.04 -2.32 -1.18

NGRID_A2_DSASP 323793	31.07 -0.86 0.00	30.27 -0.65 0.00	29.94 -0.58 0.00	29.67 -0.54 0.00	29.85 -0.64 0.00	32.50 -0.94 0.00	40.44 -2.63 0.00	47.48 -4.07 0.00	43.45 -3.58 0.06	38.78 -2.63 0.33	40.25 -3.88 0.46	38.55 -3.52 0.37	38.05 -3.57 0.39	37.51 -3.43 0.38	37.66 -3.80 0.35	39.45 -3.74 0.29	46.59 -4.55 0.54	78.04 -7.45 -1.84	56.93 -5.09 -3.47	41.42 -3.25 -4.07	38.31 -2.89 -5.08	34.88 -3.08 -4.07	33.84 -2.99 -2.89	35.04 -2.32 -1.18
NGRID_A4_DSASP 323807	31.07 -0.86 0.00	30.27 -0.65 0.00	29.94 -0.58 0.00	29.67 -0.54 0.00	29.85 -0.64 0.00	32.50 -0.94 0.00	40.44 -2.63 0.00	47.48 -4.07 0.00	43.45 -3.58 0.06	38.78 -2.63 0.33	40.25 -3.88 0.46	38.55 -3.52 0.37	38.05 -3.57 0.39	37.51 -3.43 0.38	37.66 -3.80 0.35	39.45 -3.74 0.29	46.59 -4.55 0.54	78.04 -7.45 -1.84	56.93 -5.09 -3.47	41.42 -3.25 -4.07	38.31 -2.89 -5.08	34.88 -3.08 -4.07	33.84 -2.99 -2.89	35.04 -2.32 -1.18
NIAGARA_115E_LBMP 323715	31.26 -0.67 0.00	30.46 -0.46 0.00	30.12 -0.40 0.00	29.88 -0.33 0.00	30.04 -0.46 0.00	32.70 -0.74 0.00	40.57 -2.50 0.00	47.63 -3.92 0.00	43.60 -3.44 0.06	38.90 -2.50 0.33	40.34 -3.79 0.46	38.64 -3.44 0.37	38.14 -3.49 0.39	37.63 -3.31 0.38	37.78 -3.68 0.35	39.58 -3.61 0.29	46.80 -4.34 0.54	78.29 -7.19 -1.84	57.16 -4.86 -3.47	41.54 -3.13 -4.06	38.42 -2.78 -5.08	34.95 -3.02 -4.07	33.97 -2.85 -2.89	35.19 -2.17 -1.18
NIAGARA_115W_LBMP 323714	31.00 -0.93 0.00	30.18 -0.74 0.00	29.85 -0.67 0.00	29.58 -0.64 0.00	29.76 -0.73 0.00	32.40 -1.04 0.00	40.35 -2.71 0.00	47.38 -4.17 0.00	43.31 -3.72 0.06	38.65 -2.76 0.33	40.12 -4.01 0.46	38.47 -3.61 0.37	37.97 -3.66 0.39	37.43 -3.51 0.38	37.58 -3.89 0.35	39.36 -3.83 0.29	46.49 -4.65 0.54	77.79 -7.69 -1.84	56.75 -5.27 -3.47	41.29 -3.37 -4.06	38.20 -3.00 -5.07	34.78 -3.19 -4.06	33.73 -3.09 -2.89	34.93 -2.42 -1.18
NIAGARA_230_LBMP 323716	31.45 -0.48 0.00	30.61 -0.31 0.00	30.28 -0.25 0.00	30.00 -0.21 0.00	30.22 -0.28 0.00	32.87 -0.57 0.00	40.96 -2.11 0.00	48.15 -3.40 0.00	44.02 -3.02 0.06	39.28 -2.13 0.33	40.83 -3.30 0.46	39.11 -2.97 0.37	38.60 -3.03 0.39	38.05 -2.89 0.38	38.20 -3.26 0.35	40.06 -3.13 0.29	47.32 -3.82 0.54	79.12 -6.36 -1.83	57.78 -4.22 -3.45	42.00 -2.64 -4.04	38.82 -2.35 -5.04	35.33 -2.61 -4.04	34.26 -2.55 -2.87	35.46 -1.88 -1.18
NIAGARA__115KV_198_GIBSON 55903	31.00 -0.93 0.00	30.18 -0.74 0.00	29.85 -0.67 0.00	29.49 -0.73 0.00	29.73 -0.76 0.00	32.43 -1.00 0.00	40.31 -2.76 0.00	47.12 -4.43 0.00	43.52 -3.53 0.05	38.65 -2.75 0.33	40.34 -3.79 0.46	38.55 -3.52 0.37	38.05 -3.57 0.39	37.47 -3.47 0.38	37.57 -3.89 0.35	39.36 -3.83 0.29	46.54 -4.60 0.54	77.66 -7.70 -1.70	56.65 -5.27 -3.37	41.31 -3.29 -4.00	38.24 -2.96 -5.07	34.91 -3.05 -4.06	33.84 -2.99 -2.89	34.89 -2.46 -1.18
NIAGARA____ 23760	31.45 -0.48 0.00	30.61 -0.31 0.00	30.28 -0.25 0.00	30.00 -0.21 0.00	30.22 -0.28 0.00	32.87 -0.57 0.00	40.96 -2.11 0.00	48.15 -3.40 0.00	44.02 -3.02 0.06	39.28 -2.13 0.33	40.83 -3.30 0.46	39.11 -2.97 0.37	38.60 -3.03 0.39	38.05 -2.89 0.38	38.20 -3.26 0.35	40.06 -3.13 0.29	47.32 -3.82 0.54	79.12 -6.36 -1.83	57.80 -4.22 -3.46	42.01 -2.64 -4.05	38.84 -2.35 -5.06	35.35 -2.61 -4.06	34.27 -2.55 -2.88	35.47 -1.88 -1.18
NINE_MILE_1 23575	30.81 -1.12 0.00	29.84 -1.08 0.00	29.45 -1.07 0.00	29.16 -1.06 0.00	29.43 -1.07 0.00	32.27 -1.17 0.00	41.47 -1.59 0.00	49.39 -2.16 0.00	45.12 -1.93 0.04	39.97 -1.54 0.22	42.50 -1.78 0.30	40.55 -1.66 0.24	40.12 -1.64 0.26	39.46 -1.61 0.25	39.91 -1.67 0.23	41.59 -1.70 0.19	49.42 -1.91 0.36	81.72 -2.93 -1.01	58.48 -1.99 -1.92	41.51 -1.34 -2.25	37.72 -1.23 -2.82	34.97 -1.19 -2.26	34.29 -1.25 -1.61	35.53 -1.30 -0.66
NINE_MILE_2 23744	30.81 -1.12 0.00	29.84 -1.08 0.00	29.45 -1.07 0.00	29.16 -1.06 0.00	29.43 -1.07 0.00	32.27 -1.17 0.00	41.47 -1.59 0.00	49.39 -2.16 0.00	45.12 -1.93 0.04	39.98 -1.54 0.22	42.50 -1.78 0.30	40.55 -1.66 0.24	40.12 -1.64 0.26	39.46 -1.61 0.25	39.91 -1.67 0.23	41.59 -1.70 0.19	49.42 -1.91 0.36	81.72 -2.93 -1.00	58.47 -1.99 -1.91	41.50 -1.34 -2.24	37.71 -1.23 -2.81	34.97 -1.19 -2.25	34.28 -1.25 -1.60	35.53 -1.30 -0.66
NM_CAPITAL__DRP 24208	32.22 0.29 0.00	31.23 0.31 0.00	30.86 0.34 0.00	30.52 0.30 0.00	30.80 0.30 0.00	33.80 0.37 0.00	43.80 0.73 0.00	52.12 0.57 0.00	47.98 0.61 -0.27	44.13 1.00 -1.39	48.54 2.05 -1.91	45.90 1.91 -1.54	45.52 1.89 -1.62	44.80 1.90 -1.58	45.25 1.97 -1.47	46.78 2.09 -1.22	56.32 2.38 -2.26	109.90 3.68 -22.58	94.50 2.58 -33.38	77.78 1.83 -35.35	77.06 1.66 -39.28	66.89 1.53 -31.46	57.88 1.59 -22.35	47.07 1.74 -9.17
NM_CENTRAL__DRP 24181	31.51 -0.42 0.00	30.52 -0.40 0.00	30.12 -0.40 0.00	29.79 -0.42 0.00	30.07 -0.43 0.00	32.97 -0.47 0.00	42.42 -0.65 0.00	50.32 -1.24 0.00	46.12 -0.94 0.03	40.89 -0.58 0.26	43.43 -0.80 0.36	41.44 -0.72 0.29	40.95 -0.76 0.30	40.28 -0.74 0.29	40.75 -0.79 0.27	42.51 -0.74 0.23	50.54 -0.72 0.42	83.87 -0.92 -1.14	60.29 -0.59 -2.33	43.07 -0.32 -2.79	39.34 -0.36 -3.58	36.36 -0.41 -2.87	35.43 -0.54 -2.04	36.46 -0.54 -0.84
NM_FRONTIER__DRP 24179	31.00 -0.93 0.00	30.18 -0.74 0.00	29.85 -0.67 0.00	29.49 -0.73 0.00	29.73 -0.76 0.00	32.43 -1.00 0.00	40.31 -2.76 0.00	47.12 -4.43 0.00	43.52 -3.53 0.05	38.65 -2.75 0.33	40.34 -3.79 0.46	38.55 -3.52 0.37	38.05 -3.57 0.39	37.47 -3.47 0.38	37.57 -3.89 0.35	39.36 -3.83 0.29	46.54 -4.60 0.54	77.66 -7.70 -1.70	56.65 -5.27 -3.37	41.31 -3.29 -4.00	38.24 -2.96 -5.07	34.91 -3.05 -4.06	33.84 -2.99 -2.89	34.89 -2.46 -1.18
NM_ST_REGIS__HYD 24053	32.38 0.45 0.00	31.38 0.46 0.00	30.95 0.43 0.00	30.82 0.60 0.00	30.92 0.43 0.00	33.30 -0.13 0.00	42.89 -0.17 0.00	51.86 0.31 0.00	47.14 0.05 0.00	41.24 -0.50 0.00	44.14 -0.45 0.00	41.98 -0.47 0.00	41.42 -0.59 0.00	40.78 -0.54 0.00	41.27 -0.54 0.00	42.83 -0.65 0.00	50.81 -0.88 0.00	82.56 -1.09 0.00	57.50 -1.05 0.00	39.99 -0.61 0.00	35.80 -0.33 0.00	33.80 -0.10 0.00	33.87 -0.07 0.00	36.17 0.00 0.00
NORTHPORT__1 23551	34.56 2.62 -0.01	33.18 2.26 0.00	32.66 2.14 0.00	32.24 2.02 0.00	32.75 2.26 0.00	36.32 2.88 -0.01	48.53 4.13 -1.33	54.39 2.83 0.00	50.96 2.87 -0.99	50.38 3.51 -5.14	57.90 4.46 -8.86	54.77 4.33 -7.99	52.34 4.33 -6.00	57.71 4.26 -12.13	57.90 4.43 -11.65	60.48 4.04 -12.96	67.80 4.45 -11.67	110.20 6.19 -20.36	108.13 4.39 -45.19	76.69 3.05 -33.05	75.88 2.60 -37.15	61.72 2.65 -25.17	55.84 3.53 -18.38	47.33 3.76 -7.40
NORTHPORT__2 23552	34.56 2.62 -0.01	33.18 2.26 0.00	32.66 2.14 0.00	32.24 2.02 0.00	32.75 2.26 0.00	36.32 2.88 -0.01	48.53 4.13 -1.33	54.39 2.83 0.00	50.96 2.87 -0.99	50.38 3.51 -5.14	57.90 4.46 -8.86	54.77 4.33 -7.99	52.34 4.33 -6.00	57.71 4.26 -12.13	57.90 4.43 -11.65	60.48 4.04 -12.96	67.80 4.45 -11.67	110.20 6.19 -20.36	108.13 4.39 -45.19	76.69 3.05 -33.05	75.88 2.60 -37.15	61.72 2.65 -25.17	55.84 3.53 -18.38	47.33 3.76 -7.40

NORTHPORT___3 23553	34.52 2.59 -0.01	33.15 2.23 0.00	32.63 2.10 0.00	32.21 1.99 0.00	32.72 2.23 0.00	36.32 2.88 -0.01	48.49 4.09 -1.33	54.18 2.63 0.00	50.82 2.73 -0.99	50.25 3.38 -5.14	57.86 4.41 -8.86	54.77 4.33 -7.99	52.30 4.29 -6.00	57.62 4.17 -12.13	57.86 4.39 -11.65	60.39 3.96 -12.96	67.59 4.24 -11.67	109.86 5.85 -20.36	107.89 4.16 -45.19	76.53 2.88 -33.05	75.73 2.46 -37.15	61.62 2.54 -25.17	55.81 3.50 -18.38	47.29 3.73 -7.40
NORTHPORT___4 23650	34.52 2.59 -0.01	33.15 2.23 0.00	32.63 2.10 0.00	32.21 1.99 0.00	32.72 2.23 0.00	36.32 2.88 -0.01	48.49 4.09 -1.33	54.18 2.63 0.00	50.82 2.73 -0.99	50.25 3.38 -5.14	57.86 4.41 -8.86	54.77 4.33 -7.99	52.30 4.29 -6.00	57.62 4.17 -12.13	57.86 4.39 -11.65	60.39 3.96 -12.96	67.59 4.24 -11.67	109.86 5.85 -20.36	107.89 4.16 -45.19	76.53 2.88 -33.05	75.73 2.46 -37.15	61.62 2.54 -25.17	55.81 3.50 -18.38	47.29 3.73 -7.40
NORTHPORT___IC 23718	34.56 2.62 -0.01	33.18 2.26 0.00	32.66 2.14 0.00	32.24 2.02 0.00	32.75 2.26 0.00	36.32 2.88 -0.01	48.53 4.13 -1.33	54.39 2.83 0.00	50.96 2.87 -0.99	50.38 3.51 -5.14	57.90 4.46 -8.86	54.77 4.33 -7.99	52.34 4.33 -6.00	57.71 4.26 -12.13	57.90 4.43 -11.65	60.48 4.04 -12.96	67.80 4.45 -11.67	110.20 6.19 -20.36	108.13 4.39 -45.19	76.69 3.05 -33.05	75.88 2.60 -37.15	61.72 2.65 -25.17	55.84 3.53 -18.38	47.33 3.76 -7.40
NORTH___COUNTRY_ESR 323785	32.92 0.99 0.00	31.91 0.99 0.00	31.50 0.98 0.00	31.21 1.00 0.00	31.29 0.79 0.00	34.04 0.60 0.00	43.71 0.65 0.00	52.33 0.77 0.00	47.57 0.47 0.00	42.11 0.37 0.00	44.85 0.27 0.00	42.75 0.30 0.00	42.10 0.08 0.00	41.36 0.04 0.00	41.77 -0.04 0.00	43.26 -0.22 0.00	51.17 -0.52 0.00	83.32 -0.33 0.00	57.91 -0.64 0.00	40.48 -0.12 0.00	36.13 0.00 0.00	33.83 -0.07 0.00	33.83 -0.10 0.00	36.35 0.18 0.00
NPX_GEN_1385_PROXY 323591	46.37 3.10 -11.35	43.10 2.75 -9.43	41.90 2.59 -8.79	42.30 2.51 -9.58	44.10 2.75 -10.86	49.60 3.41 -12.75	71.00 4.78 -23.15	83.20 3.61 -28.04	70.38 3.58 -19.70	50.92 4.05 -5.14	61.43 5.13 -11.72	61.00 4.96 -13.59	61.00 4.95 -14.03	62.41 4.83 -16.26	71.00 5.06 -24.13	81.00 4.70 -32.82	91.00 5.22 -34.10	127.74 7.44 -36.65	108.89 5.15 -45.19	84.00 3.66 -39.74	81.00 3.14 -41.73	76.00 3.15 -38.95	74.00 4.04 -36.03	70.16 4.30 -29.69
NPX_GEN_CSC 323557	35.36 3.42 -0.01	33.92 3.00 0.00	33.36 2.84 0.00	32.93 2.72 0.00	33.49 2.99 0.00	37.26 3.81 -0.01	49.46 5.34 -1.05	56.54 4.69 -0.30	52.57 4.48 -0.99	51.71 4.84 -5.14	59.13 5.66 -8.88	55.91 5.43 -8.03	53.30 5.29 -6.00	58.79 5.25 -12.22	59.13 5.56 -11.75	62.13 5.57 -13.08	70.77 6.77 -12.32	114.30 10.29 -20.36	111.44 7.38 -45.51	78.93 5.12 -33.22	77.88 4.33 -37.42	63.43 4.10 -25.43	56.99 4.58 -18.47	48.49 4.88 -7.44
NSINS_S_GLNS_FALLS 23858	33.17 1.25 0.00	32.16 1.24 0.00	31.80 1.28 0.00	31.39 1.18 0.00	31.75 1.25 0.00	34.97 1.54 0.00	45.56 2.50 0.00	54.24 2.68 0.00	49.91 2.54 -0.27	45.81 2.67 -1.40	49.71 3.21 -1.92	46.63 2.63 -1.55	45.99 2.35 -1.63	45.18 2.27 -1.59	45.59 2.30 -1.47	47.22 2.52 -1.22	57.16 3.20 -2.27	118.06 5.19 -29.22	106.11 3.57 -43.99	90.06 2.48 -46.99	91.08 2.17 -52.79	78.32 2.14 -42.28	66.02 2.04 -30.04	50.88 2.39 -12.32
NUCOR_STEEL___DRP 24197	32.02 0.10 0.00	30.98 0.06 0.00	30.61 0.09 0.00	30.27 0.06 0.00	30.56 0.06 0.00	33.54 0.10 0.00	43.19 0.13 0.00	51.40 -0.15 0.00	47.06 0.00 0.04	41.69 0.25 0.30	44.22 0.04 0.41	42.16 0.04 0.33	41.71 0.04 0.35	41.02 0.04 0.34	41.46 -0.04 0.31	43.26 0.04 0.26	51.51 0.31 0.48	85.78 0.67 -1.46	62.05 0.59 -2.91	44.51 0.45 -3.47	40.86 0.33 -4.41	37.64 0.20 -3.53	36.48 0.03 -2.51	37.27 0.07 -1.03
NUMBER_THREE_WT_PWR 323818	32.09 0.16 0.00	31.08 0.16 0.00	30.61 0.09 0.00	30.34 0.12 0.00	30.62 0.12 0.00	33.50 0.07 0.00	43.37 0.30 0.00	52.28 0.72 0.00	47.71 0.61 0.00	42.20 0.46 0.00	44.94 0.36 0.00	42.70 0.26 0.00	42.22 0.21 0.00	41.61 0.29 0.00	42.19 0.38 0.00	44.09 0.61 0.00	52.66 0.98 0.00	85.32 1.67 0.00	59.60 1.05 0.00	41.33 0.73 0.00	36.67 0.54 0.00	34.38 0.47 0.00	34.17 0.24 0.00	36.39 0.22 0.00
NYISO_LBMP_REFERENCE 24008	31.93 0.00 0.00	30.92 0.00 0.00	30.52 0.00 0.00	30.21 0.00 0.00	30.50 0.00 0.00	33.44 0.00 0.00	43.07 0.00 0.00	51.55 0.00 0.00	47.10 0.00 0.00	41.74 0.00 0.00	44.59 0.00 0.00	42.45 0.00 0.00	42.01 0.00 0.00	41.32 0.00 0.00	41.81 0.00 0.00	43.48 0.00 0.00	51.68 0.00 0.00	83.65 0.00 0.00	58.55 0.00 0.00	40.60 0.00 0.00	36.13 0.00 0.00	33.90 0.00 0.00	33.94 0.00 0.00	36.17 0.00 0.00
NYPA_BRENTWD___GT 24164	34.97 3.03 -0.01	33.58 2.66 0.00	33.02 2.50 0.00	32.60 2.39 0.00	33.15 2.65 0.00	36.79 3.34 -0.01	49.22 4.78 -1.37	55.47 3.92 0.00	51.90 3.81 -0.99	51.13 4.26 -5.14	58.63 5.13 -8.92	55.43 4.92 -8.07	52.88 4.87 -6.00	58.49 4.83 -12.33	58.73 5.06 -11.86	61.62 4.91 -13.23	70.45 5.69 -13.08	112.29 8.28 -20.36	110.35 5.91 -45.89	78.12 4.10 -33.42	77.37 3.50 -37.74	63.02 3.39 -25.73	56.56 4.04 -18.59	47.95 4.30 -7.48
NYPA_GOWANUS___GT5 24156	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
NYPA_GOWANUS___GT6 24157	33.68 1.75 0.00	32.50 1.58 0.00	31.99 1.46 0.00	31.61 1.39 0.00	32.02 1.52 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.59 2.94 -7.06	50.91 2.76 -5.70	50.91 2.90 -6.01	50.02 2.85 -5.85	50.22 2.97 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.07 2.03 -15.14	46.93 2.24 -10.76	43.11 2.53 -4.41
NYPA_HARLEM__RVR__GT1 24160	33.63 1.69 -0.01	32.44 1.51 -0.01	31.95 1.43 0.01	31.57 1.36 0.01	31.98 1.49 0.01	35.17 1.74 0.00	45.47 2.41 0.01	53.71 2.16 0.01	50.15 2.07 -0.99	49.34 2.46 -5.14	54.27 2.63 -7.05	50.69 2.55 -5.70	50.70 2.69 -6.00	49.81 2.65 -5.84	50.00 2.76 -5.43	50.68 2.70 -4.51	63.30 3.26 -8.36	108.04 4.01 -20.37	84.89 2.87 -23.47	64.04 1.99 -21.45	56.60 1.59 -18.89	50.94 1.90 -15.14	46.89 2.20 -10.75	43.29 2.71 -4.41
NYPA_HARLEM__RVR__GT2 24161	33.63 1.69 -0.01	32.44 1.51 -0.01	31.95 1.43 0.01	31.57 1.36 0.01	31.98 1.49 0.01	35.17 1.74 0.00	45.47 2.41 0.01	53.71 2.16 0.01	50.15 2.07 -0.99	49.34 2.46 -5.14	54.27 2.63 -7.05	50.69 2.55 -5.70	50.70 2.69 -6.00	49.81 2.65 -5.84	50.00 2.76 -5.43	50.68 2.70 -4.51	63.30 3.26 -8.36	108.04 4.01 -20.37	84.89 2.87 -23.47	64.04 1.99 -21.45	56.60 1.59 -18.89	50.94 1.90 -15.14	46.89 2.20 -10.75	43.29 2.71 -4.41

NYPA_KENT____GT 24152	33.65 1.72 0.00	32.47 1.55 0.00	31.96 1.43 0.00	31.58 1.36 0.00	31.99 1.49 0.00	35.27 1.84 0.00	45.78 2.71 0.00	54.23 2.68 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.63 2.99 -7.06	50.99 2.84 -5.70	51.00 2.98 -6.01	50.06 2.89 -5.85	50.30 3.05 -5.43	50.99 3.00 -4.51	63.61 3.56 -8.36	108.55 4.51 -20.38	85.25 3.22 -23.48	64.29 2.23 -21.46	56.87 1.84 -18.90	51.11 2.07 -15.14	47.00 2.31 -10.76	43.15 2.57 -4.41
NYPA_POUCH1____GT 24155	33.65 1.72 0.00	32.47 1.55 0.00	31.96 1.43 0.00	31.58 1.36 0.00	31.99 1.49 0.00	35.21 1.77 0.00	45.74 2.67 0.00	54.13 2.58 0.00	50.45 2.35 -0.99	49.64 2.75 -5.15	54.46 2.81 -7.06	50.70 2.55 -5.71	50.71 2.69 -6.01	49.81 2.65 -5.84	50.01 2.76 -5.43	50.72 2.74 -4.51	63.30 3.26 -8.36	108.12 4.10 -20.38	84.89 2.87 -23.47	64.04 1.99 -21.46	56.69 1.66 -18.90	50.91 1.86 -15.14	46.77 2.07 -10.76	42.93 2.35 -4.41
NYPA_VERNON____GT2 24162	33.62 1.69 0.00	32.44 1.51 0.00	31.96 1.43 0.00	31.58 1.36 0.00	31.99 1.49 0.00	35.24 1.80 0.00	45.74 2.67 0.00	54.23 2.68 0.00	50.54 2.45 -0.99	49.73 2.84 -5.15	54.63 2.99 -7.06	51.04 2.89 -5.70	51.04 3.03 -6.01	50.14 2.98 -5.85	50.34 3.09 -5.43	51.03 3.04 -4.51	63.72 3.67 -8.36	108.71 4.68 -20.38	85.36 3.34 -23.48	64.37 2.31 -21.46	56.94 1.91 -18.90	51.14 2.10 -15.14	47.03 2.34 -10.76	43.22 2.64 -4.41
NYPA_VERNON____GT3 24163	33.62 1.69 0.00	32.44 1.51 0.00	31.96 1.43 0.00	31.58 1.36 0.00	31.99 1.49 0.00	35.24 1.80 0.00	45.74 2.67 0.00	54.23 2.68 0.00	50.54 2.45 -0.99	49.73 2.84 -5.15	54.63 2.99 -7.06	51.04 2.89 -5.70	51.04 3.03 -6.01	50.14 2.98 -5.85	50.34 3.09 -5.43	51.03 3.04 -4.51	63.72 3.67 -8.36	108.71 4.68 -20.38	85.36 3.34 -23.48	64.37 2.31 -21.46	56.94 1.91 -18.90	51.14 2.10 -15.14	47.03 2.34 -10.76	43.22 2.64 -4.41
NYPA____ASTORIA_CC1 323568	33.59 1.66 0.00	32.40 1.48 0.00	31.93 1.40 0.00	31.54 1.33 0.00	31.96 1.46 0.00	35.21 1.77 0.00	45.65 2.58 0.00	54.08 2.53 0.00	50.45 2.35 -0.99	49.64 2.75 -5.15	54.54 2.90 -7.06	50.95 2.80 -5.70	50.96 2.94 -6.01	50.06 2.89 -5.85	50.26 3.01 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.19 3.16 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.11 2.07 -15.14	47.00 2.31 -10.76	43.22 2.64 -4.41
NYPA____ASTORIA_CC2 323569	33.59 1.66 0.00	32.40 1.48 0.00	31.93 1.40 0.00	31.54 1.33 0.00	31.96 1.46 0.00	35.21 1.77 0.00	45.65 2.58 0.00	54.08 2.53 0.00	50.45 2.35 -0.99	49.64 2.75 -5.15	54.54 2.90 -7.06	50.95 2.80 -5.70	50.96 2.94 -6.01	50.06 2.89 -5.85	50.26 3.01 -5.43	50.95 2.96 -4.51	63.56 3.52 -8.36	108.55 4.51 -20.38	85.19 3.16 -23.48	64.25 2.19 -21.46	56.83 1.81 -18.90	51.11 2.07 -15.14	47.00 2.31 -10.76	43.22 2.64 -4.41
NYPA____HOLTSVILL 23794	34.87 2.94 -0.01	33.49 2.56 0.00	32.93 2.41 0.00	32.51 2.30 0.00	33.06 2.56 0.00	36.72 3.28 -0.01	49.07 4.65 -1.35	55.37 3.81 0.00	51.81 3.72 -0.99	51.05 4.17 -5.14	58.46 4.99 -8.88	55.26 4.80 -8.02	52.72 4.70 -6.00	58.20 4.67 -12.21	58.48 4.93 -11.74	61.37 4.83 -13.07	69.61 5.69 -12.25	112.29 8.28 -20.36	109.94 5.91 -45.48	77.90 4.10 -33.20	76.99 3.47 -37.39	62.66 3.36 -25.40	56.33 3.93 -18.46	47.83 4.23 -7.43
NYPA____HELLGATE_GT1 24158	33.56 1.63 -0.01	32.38 1.45 -0.01	31.89 1.37 0.01	31.50 1.30 0.01	31.92 1.43 0.01	35.11 1.67 0.00	45.38 2.32 0.01	53.61 2.06 0.01	50.11 2.02 -0.99	49.34 2.46 -5.14	54.22 2.58 -7.05	50.65 2.50 -5.70	50.66 2.65 -6.00	49.76 2.60 -5.84	49.96 2.72 -5.43	50.68 2.70 -4.51	63.25 3.21 -8.36	108.04 4.01 -20.37	84.83 2.81 -23.47	64.00 1.95 -21.45	56.60 1.59 -18.89	50.90 1.86 -15.14	46.82 2.14 -10.75	43.26 2.68 -4.41
NYPA____HELLGATE_GT2 24159	33.56 1.63 -0.01	32.38 1.45 -0.01	31.89 1.37 0.01	31.50 1.30 0.01	31.92 1.43 0.01	35.11 1.67 0.00	45.38 2.32 0.01	53.61 2.06 0.01	50.11 2.02 -0.99	49.34 2.46 -5.14	54.22 2.58 -7.05	50.65 2.50 -5.70	50.66 2.65 -6.00	49.76 2.60 -5.84	49.96 2.72 -5.43	50.68 2.70 -4.51	63.25 3.21 -8.36	108.04 4.01 -20.37	84.83 2.81 -23.47	64.00 1.95 -21.45	56.60 1.59 -18.89	50.90 1.86 -15.14	46.82 2.14 -10.75	43.26 2.68 -4.41
NYS_BARGE____HYD 23848	31.83 -0.10 0.00	30.98 0.06 0.00	30.64 0.12 0.00	30.37 0.15 0.00	30.56 0.06 0.00	33.27 -0.17 0.00	41.17 -1.89 0.00	48.41 -3.15 0.00	44.30 -2.73 0.06	39.53 -1.88 0.33	41.06 -3.08 0.45	39.28 -2.80 0.37	38.77 -2.86 0.38	38.22 -2.73 0.37	38.37 -3.09 0.35	40.23 -2.96 0.29	47.58 -3.57 0.54	79.69 -5.77 -1.81	58.04 -3.92 -3.42	42.12 -2.48 -4.00	38.91 -2.20 -4.99	35.43 -2.47 -4.00	34.60 -2.17 -2.84	35.85 -1.48 -1.17
OAK_ORCHARD____HYD 24046	31.71 -0.22 0.00	30.74 -0.18 0.00	30.37 -0.15 0.00	30.06 -0.15 0.00	30.31 -0.18 0.00	33.13 -0.30 0.00	42.12 -0.95 0.00	50.01 -1.55 0.00	45.81 -1.22 0.06	40.76 -0.67 0.31	42.78 -1.38 0.42	40.87 -1.23 0.34	40.39 -1.26 0.36	39.77 -1.20 0.35	40.07 -1.42 0.33	41.95 -1.26 0.27	49.89 -1.29 0.50	83.34 -1.92 -1.61	60.36 -1.23 -3.05	43.44 -0.73 -3.57	39.90 -0.69 -4.46	36.49 -0.98 -3.57	35.32 -1.15 -2.54	36.31 -0.90 -1.04
OAKDALE__35_KV_LOAD 356122	32.38 0.45 0.00	31.38 0.46 0.00	31.01 0.49 0.00	30.67 0.45 0.00	30.95 0.46 0.00	33.94 0.50 0.00	43.63 0.56 0.00	51.81 0.26 0.00	47.35 0.33 0.08	41.84 0.58 0.48	44.33 0.40 0.66	42.30 0.38 0.53	41.83 0.38 0.56	41.19 0.41 0.54	41.64 0.33 0.51	43.54 0.48 0.42	51.58 0.67 0.78	88.01 1.00 -3.36	65.61 0.76 -6.30	48.60 0.65 -7.35	45.82 0.54 -9.15	41.64 0.41 -7.33	39.45 0.31 -5.21	38.81 0.51 -2.14
OCC_CHEM____DRP 24175	31.07 -0.86 0.00	30.27 -0.65 0.00	29.94 -0.58 0.00	29.58 -0.63 0.00	29.83 -0.67 0.00	32.53 -0.90 0.00	40.44 -2.63 0.00	47.28 -4.28 0.00	43.66 -3.39 0.05	38.77 -2.63 0.33	40.47 -3.66 0.46	38.64 -3.44 0.37	38.14 -3.49 0.39	37.59 -3.35 0.38	37.66 -3.81 0.35	39.45 -3.74 0.29	46.70 -4.44 0.54	77.83 -7.53 -1.71	56.82 -5.09 -3.37	41.44 -3.17 -4.00	38.35 -2.85 -5.08	35.02 -2.95 -4.07	33.94 -2.88 -2.89	35.00 -2.35 -1.18
OH_GEN_PROXY 24063	31.45 -0.48 0.00	30.61 -0.31 0.00	30.31 -0.21 0.00	30.00 -0.21 0.00	30.22 -0.28 0.00	32.90 -0.54 0.00	40.79 -1.98 0.30	48.65 -3.20 -0.30	44.26 -2.78 0.06	39.49 -1.92 0.33	41.06 -3.08 0.45	39.32 -2.76 0.37	38.81 -2.81 0.39	38.26 -2.69 0.37	38.42 -3.05 0.35	40.28 -2.91 0.29	47.63 -3.52 0.54	79.60 -5.86 -1.81	58.10 -3.87 -3.42	42.16 -2.43 -4.00	38.99 -2.13 -4.99	35.50 -2.41 -4.00	34.37 -2.41 -2.84	35.56 -1.77 -1.17
OLIN_CORP_DRP 24177	31.32 -0.61 0.00	30.49 -0.43 0.00	30.19 -0.34 0.00	29.79 -0.42 0.00	30.04 -0.46 0.00	32.80 -0.64 0.00	40.65 -2.41 0.00	47.53 -4.02 0.00	43.89 -3.16 0.05	38.98 -2.42 0.33	40.69 -3.43 0.46	38.85 -3.23 0.37	38.34 -3.28 0.39	37.80 -3.14 0.38	37.87 -3.60 0.35	39.71 -3.48 0.29	47.01 -4.13 0.54	78.42 -6.94 -1.71	57.19 -4.74 -3.38	41.69 -2.92 -4.02	38.55 -2.67 -5.10	35.20 -2.78 -4.08	34.15 -2.68 -2.90	35.23 -2.13 -1.19

OLIN_CORP_DSASP 323712	31.07 -0.86 0.00	30.27 -0.65 0.00	29.94 -0.58 0.00	29.67 -0.54 0.00	29.85 -0.64 0.00	32.50 -0.94 0.00	40.44 -2.63 0.00	47.48 -4.07 0.00	43.45 -3.58 0.06	38.78 -2.63 0.33	40.25 -3.88 0.46	38.55 -3.52 0.37	38.05 -3.57 0.39	37.51 -3.43 0.38	37.66 -3.80 0.35	39.45 -3.74 0.29	46.59 -4.55 0.54	78.04 -7.45 -1.84	56.93 -5.09 -3.47	41.42 -3.25 -4.07	38.31 -2.89 -5.08	34.88 -3.08 -4.07	33.84 -2.99 -2.89	35.04 -2.32 -1.18
ONEIDA_HERK_LFGE 323681	32.53 0.61 0.00	31.48 0.56 0.00	31.07 0.55 0.00	30.73 0.51 0.00	31.07 0.58 0.00	34.07 0.63 0.00	44.10 1.03 0.00	53.05 1.50 0.00	48.51 1.41 0.00	42.99 1.25 0.00	45.83 1.25 0.00	43.59 1.15 0.00	43.10 1.09 0.00	42.44 1.12 0.00	43.03 1.21 0.00	44.87 1.39 0.00	53.54 1.86 0.00	86.49 2.85 0.00	60.42 1.87 0.00	41.90 1.30 0.00	37.21 1.08 0.00	34.82 0.92 0.00	34.68 0.75 0.00	36.96 0.79 0.00
ONEIDA___115KV_TB4 55905	32.85 0.93 0.00	31.82 0.90 0.00	31.41 0.89 0.00	31.06 0.85 0.00	31.41 0.91 0.00	34.51 1.07 0.00	44.66 1.59 0.00	53.51 1.96 0.00	48.93 1.84 0.00	43.49 1.75 0.00	46.41 1.83 0.00	44.14 1.70 0.00	43.65 1.64 0.00	42.93 1.61 0.00	43.45 1.63 0.00	45.35 1.87 0.00	54.11 2.43 0.00	88.26 3.60 -1.01	62.57 2.40 -1.62	44.08 1.71 -1.78	39.60 1.41 -2.06	36.77 1.22 -1.65	36.13 1.02 -1.17	37.77 1.12 -0.48
ONONDAGA_REF_OCCRA 23987	31.74 -0.19 0.00	30.70 -0.22 0.00	30.34 -0.18 0.00	30.00 -0.21 0.00	30.28 -0.21 0.00	33.20 -0.23 0.00	42.76 -0.30 0.00	50.78 -0.77 0.00	46.49 -0.57 0.04	41.21 -0.25 0.28	43.80 -0.40 0.39	41.75 -0.38 0.31	41.30 -0.38 0.33	40.63 -0.37 0.32	41.10 -0.42 0.30	42.88 -0.35 0.25	51.02 -0.21 0.46	84.82 -0.17 -1.34	61.23 0.00 -2.69	43.85 0.04 -3.21	40.18 -0.04 -4.09	37.07 -0.10 -3.27	35.99 -0.27 -2.33	36.91 -0.22 -0.95
ONONDAGA___COGEN 23986	31.70 -0.22 0.00	30.70 -0.22 0.00	30.31 -0.21 0.00	29.97 -0.24 0.00	30.25 -0.24 0.00	33.20 -0.23 0.00	42.72 -0.34 0.00	50.83 -0.72 0.00	46.50 -0.57 0.04	41.21 -0.25 0.28	43.76 -0.45 0.38	41.71 -0.42 0.31	41.27 -0.42 0.32	40.59 -0.41 0.32	41.02 -0.50 0.29	42.80 -0.43 0.24	50.92 -0.31 0.45	84.68 -0.25 -1.28	61.07 -0.06 -2.58	43.69 0.00 -3.09	40.00 -0.07 -3.94	36.96 -0.10 -3.16	35.91 -0.27 -2.24	36.87 -0.22 -0.92
ONTARIO___LFGE 23819	32.60 0.67 0.00	31.60 0.68 0.00	31.19 0.67 0.00	30.88 0.66 0.00	31.17 0.67 0.00	34.17 0.73 0.00	43.62 0.56 0.00	51.97 0.41 0.00	47.46 0.42 0.06	42.29 0.88 0.32	44.37 0.22 0.44	42.47 0.38 0.36	42.01 0.38 0.38	41.37 0.41 0.37	41.64 0.17 0.34	43.41 0.22 0.28	51.78 0.62 0.52	86.50 1.08 -1.77	62.83 0.93 -3.35	45.29 0.77 -3.92	41.86 0.83 -4.90	38.30 0.47 -3.93	36.93 0.20 -2.79	37.78 0.47 -1.14
ORANGEVILLE_WT_PWR 323706	32.53 0.61 0.00	31.66 0.74 0.00	31.31 0.79 0.00	31.00 0.78 0.00	31.23 0.73 0.00	34.07 0.63 0.00	42.77 -0.30 0.00	50.42 -1.13 0.00	46.04 -0.99 0.07	41.04 -0.34 0.36	42.75 -1.34 0.49	40.90 -1.14 0.40	40.37 -1.22 0.42	39.75 -1.16 0.41	39.97 -1.46 0.38	41.86 -1.30 0.32	49.71 -1.39 0.59	83.41 -2.34 -2.10	61.04 -1.46 -3.96	44.45 -0.77 -4.63	41.29 -0.61 -5.77	37.54 -0.98 -4.62	36.24 -0.99 -3.29	37.16 -0.36 -1.35
ORANGEVILLE___ESR 323794	32.53 0.61 0.00	31.66 0.74 0.00	31.31 0.79 0.00	31.00 0.78 0.00	31.23 0.73 0.00	34.07 0.63 0.00	42.77 -0.30 0.00	50.42 -1.13 0.00	46.04 -0.99 0.07	41.04 -0.34 0.36	42.75 -1.34 0.49	40.90 -1.14 0.40	40.37 -1.22 0.42	39.75 -1.16 0.41	39.97 -1.46 0.38	41.86 -1.30 0.32	49.71 -1.39 0.59	83.41 -2.34 -2.10	61.04 -1.46 -3.96	44.45 -0.77 -4.63	41.29 -0.61 -5.77	37.54 -0.98 -4.62	36.24 -0.99 -3.29	37.16 -0.36 -1.35
OSWEGATCHIE___HYD 24044	31.74 -0.19 0.00	30.77 -0.15 0.00	30.31 -0.21 0.00	30.12 -0.09 0.00	30.16 -0.33 0.00	32.87 -0.57 0.00	42.37 -0.69 0.00	51.25 -0.31 0.00	46.72 -0.38 0.00	41.03 -0.71 0.00	43.83 -0.76 0.00	41.64 -0.81 0.00	41.17 -0.84 0.00	40.58 -0.74 0.00	41.10 -0.71 0.00	42.83 -0.65 0.00	50.91 -0.77 0.00	82.81 -0.84 0.00	57.79 -0.76 0.00	40.07 -0.53 0.00	35.73 -0.40 0.00	33.70 -0.20 0.00	33.63 -0.31 0.00	35.77 -0.40 0.00
OSWEGO___5 23606	31.16 -0.77 0.00	30.18 -0.74 0.00	29.79 -0.73 0.00	29.49 -0.73 0.00	29.76 -0.73 0.00	32.63 -0.80 0.00	41.95 -1.12 0.00	49.90 -1.65 0.00	45.59 -1.46 0.05	40.41 -1.09 0.24	42.92 -1.34 0.33	40.95 -1.23 0.26	40.51 -1.22 0.28	39.85 -1.20 0.27	40.31 -1.25 0.25	42.05 -1.22 0.21	49.95 -1.34 0.39	82.79 -2.01 -1.15	59.40 -1.34 -2.20	42.28 -0.89 -2.57	38.55 -0.79 -3.22	35.67 -0.81 -2.58	34.85 -0.91 -1.83	36.02 -0.90 -0.75
OSWEGO___6 23613	31.16 -0.77 0.00	30.18 -0.74 0.00	29.79 -0.73 0.00	29.49 -0.73 0.00	29.76 -0.73 0.00	32.63 -0.80 0.00	41.95 -1.12 0.00	49.90 -1.65 0.00	45.59 -1.46 0.05	40.41 -1.09 0.24	42.92 -1.34 0.33	40.95 -1.23 0.26	40.51 -1.22 0.28	39.85 -1.20 0.27	40.31 -1.25 0.25	42.05 -1.22 0.21	49.95 -1.34 0.39	82.79 -2.01 -1.15	59.40 -1.34 -2.20	42.28 -0.89 -2.57	38.55 -0.79 -3.22	35.67 -0.81 -2.58	34.85 -0.91 -1.83	36.02 -0.90 -0.75
OUTOKUMPU-AB___DRP 24206	32.12 0.19 0.00	31.29 0.37 0.00	30.95 0.43 0.00	30.55 0.33 0.00	30.80 0.30 0.00	33.64 0.20 0.00	41.82 -1.25 0.00	48.98 -2.58 0.00	45.21 -1.84 0.05	40.15 -1.25 0.34	41.90 -2.23 0.46	40.00 -2.08 0.37	39.48 -2.14 0.39	38.91 -2.02 0.38	38.83 -2.63 0.35	40.71 -2.48 0.29	48.25 -2.89 0.54	80.52 -4.85 -1.72	58.67 -3.28 -3.40	42.73 -1.91 -4.04	39.62 -1.63 -5.12	36.17 -1.83 -4.10	35.05 -1.80 -2.91	36.14 -1.23 -1.19
OXBOW____ 24026	31.67 -0.26 0.00	30.86 -0.06 0.00	30.52 0.00 0.00	30.21 0.00 0.00	30.44 -0.06 0.00	33.10 -0.33 0.00	41.26 -1.81 0.00	48.51 -3.04 0.00	44.35 -2.68 0.06	39.57 -1.84 0.33	41.09 -3.03 0.46	39.32 -2.76 0.37	38.85 -2.77 0.39	38.29 -2.65 0.38	38.45 -3.01 0.35	40.19 -3.00 0.29	47.52 -3.62 0.54	79.56 -5.94 -1.85	58.00 -4.04 -3.49	42.17 -2.52 -4.08	38.99 -2.24 -5.10	35.54 -2.44 -4.08	34.50 -2.34 -2.90	35.70 -1.66 -1.19
OXY_CHEM_DSASP 323612	31.07 -0.86 0.00	30.27 -0.65 0.00	29.94 -0.58 0.00	29.58 -0.63 0.00	29.83 -0.67 0.00	32.53 -0.90 0.00	40.44 -2.63 0.00	47.28 -4.28 0.00	43.66 -3.39 0.05	38.77 -2.63 0.33	40.47 -3.66 0.46	38.64 -3.44 0.37	38.14 -3.49 0.39	37.59 -3.35 0.38	37.66 -3.81 0.35	39.45 -3.74 0.29	46.70 -4.44 0.54	77.83 -7.53 -1.71	56.82 -5.09 -3.37	41.44 -3.17 -4.00	38.35 -2.85 -5.08	35.02 -2.95 -4.07	33.94 -2.88 -2.89	35.00 -2.35 -1.18
OZONE_PARK_ESR 323760	33.68 1.76 0.00	32.53 1.61 0.00	32.02 1.50 0.00	31.70 1.48 0.00	32.02 1.52 0.00	35.41 1.97 0.00	46.08 3.01 0.00	54.70 3.14 0.00	51.07 2.97 -1.00	50.11 3.21 -5.15	54.95 3.30 -7.07	51.42 3.27 -5.71	51.38 3.36 -6.01	50.48 3.31 -5.85	50.68 3.43 -5.44	51.43 3.43 -4.52	64.14 4.08 -8.37	110.72 5.60 -21.46	86.91 4.04 -24.32	65.32 2.76 -21.96	57.34 2.31 -18.90	51.34 2.31 -15.14	47.30 2.61 -10.76	43.40 2.82 -4.41

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.07 -0.86 0.00	30.27 -0.65 0.00	29.94 -0.58 0.00	29.58 -0.63 0.00	29.83 -0.67 0.00	32.53 -0.90 0.00	40.44 -2.63 0.00	47.28 -4.28 0.00	43.66 -3.39 0.05	38.77 -2.63 0.33	40.47 -3.66 0.46	38.64 -3.44 0.37	38.14 -3.49 0.39	37.59 -3.35 0.38	37.66 -3.81 0.35	39.45 -3.74 0.29	46.70 -4.44 0.54	77.83 -7.53 -1.71	56.82 -5.09 -3.37	41.44 -3.17 -4.00	38.35 -2.85 -5.08	35.02 -2.95 -4.07	33.94 -2.88 -2.89	35.00 -2.35 -1.18
PACKARD__115KV_DUPONT_184 80571	31.07 -0.86 0.00	30.27 -0.65 0.00	29.94 -0.58 0.00	29.58 -0.63 0.00	29.83 -0.67 0.00	32.53 -0.90 0.00	40.44 -2.63 0.00	47.28 -4.28 0.00	43.66 -3.39 0.05	38.77 -2.63 0.33	40.47 -3.66 0.46	38.64 -3.44 0.37	38.14 -3.49 0.39	37.59 -3.35 0.38	37.66 -3.81 0.35	39.45 -3.74 0.29	46.70 -4.44 0.54	77.83 -7.53 -1.71	56.82 -5.09 -3.37	41.44 -3.17 -4.00	38.35 -2.85 -5.08	35.02 -2.95 -4.07	33.94 -2.88 -2.89	35.00 -2.35 -1.18
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.75 1.82 0.00	32.59 1.67 0.00	32.08 1.56 0.00	31.73 1.51 0.00	32.08 1.59 0.00	35.28 1.84 0.00	45.61 2.54 0.00	53.93 2.37 0.00	50.27 2.17 -1.00	49.39 2.50 -5.15	54.28 2.63 -7.06	50.74 2.59 -5.70	50.71 2.69 -6.01	49.85 2.69 -5.85	50.01 2.76 -5.43	50.73 2.74 -4.51	63.20 3.15 -8.36	109.20 4.10 -21.45	85.79 2.93 -24.31	64.51 1.95 -21.96	56.69 1.66 -18.90	50.90 1.86 -15.14	47.00 2.31 -10.76	43.40 2.82 -4.41
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.23 2.30 0.00	33.05 2.13 0.00	32.57 2.04 0.00	32.21 1.99 0.00	32.54 2.04 0.00	35.81 2.37 0.00	46.25 3.19 0.00	54.65 3.09 0.00	50.93 2.83 -1.00	50.02 3.13 -5.15	54.85 3.21 -7.06	51.29 3.14 -5.70	51.29 3.28 -6.01	50.39 3.22 -5.85	50.59 3.35 -5.43	51.34 3.35 -4.51	63.98 3.93 -8.36	110.45 5.35 -21.45	86.61 3.75 -24.31	65.12 2.56 -21.96	57.16 2.13 -18.90	51.38 2.34 -15.14	47.47 2.78 -10.76	43.94 3.36 -4.41
PATROON__115KV_TB1 80586	32.22 0.29 0.00	31.26 0.34 0.00	30.89 0.37 0.00	30.55 0.33 0.00	30.83 0.34 0.00	33.84 0.40 0.00	43.84 0.78 0.00	52.17 0.62 0.00	48.03 0.66 -0.27	44.20 1.09 -1.38	48.71 2.23 -1.89	46.05 2.08 -1.53	45.68 2.06 -1.61	44.95 2.07 -1.57	45.40 2.13 -1.46	46.95 2.26 -1.21	56.56 2.64 -2.24	111.18 4.02 -23.51	96.26 2.81 -34.90	79.62 1.99 -37.03	79.18 1.81 -41.25	68.60 1.66 -33.04	59.11 1.70 -23.48	47.64 1.84 -9.63
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.27 1.34 0.00	32.40 1.48 0.00	32.08 1.56 0.00	31.66 1.45 0.00	31.93 1.43 0.00	34.87 1.44 0.00	43.63 0.56 0.00	51.09 -0.46 0.00	46.95 -0.09 0.05	41.69 0.29 0.34	43.62 -0.49 0.47	41.60 -0.47 0.38	41.06 -0.55 0.40	40.47 -0.45 0.39	40.62 -0.84 0.36	42.52 -0.65 0.30	50.50 -0.62 0.56	84.46 -1.00 -1.81	61.53 -0.59 -3.57	44.75 -0.08 -4.23	41.30 -0.18 -5.35	37.68 -0.51 -4.29	36.37 -0.61 -3.05	37.56 0.14 -1.25
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.72 1.79 0.00	32.59 1.67 0.00	32.11 1.59 0.00	31.82 1.60 0.00	32.05 1.56 0.00	35.38 1.94 0.00	45.95 2.89 0.00	54.75 3.20 0.00	50.60 2.97 -0.53	47.74 3.21 -2.79	51.79 3.39 -3.82	48.76 3.23 -3.09	48.54 3.28 -3.25	47.71 3.22 -3.16	48.14 3.39 -2.94	49.40 3.48 -2.44	60.29 4.08 -4.53	105.47 5.86 -15.96	82.88 4.22 -20.11	62.92 2.80 -19.52	57.82 2.60 -19.10	51.54 2.34 -15.30	47.25 2.44 -10.87	43.27 2.64 -4.46
PEEKSKILL____ 23653	33.40 1.47 0.00	32.25 1.33 0.00	31.80 1.28 0.00	31.45 1.24 0.00	31.84 1.34 0.00	35.14 1.70 0.00	45.65 2.58 0.00	54.18 2.63 0.00	50.54 2.40 -1.04	49.86 2.75 -5.37	54.98 3.03 -7.36	51.28 2.89 -5.95	51.26 2.98 -6.26	50.35 2.93 -6.10	50.53 3.05 -5.67	51.23 3.04 -4.71	64.08 3.67 -8.72	109.32 4.77 -20.90	85.81 3.39 -23.87	64.64 2.35 -21.68	57.01 2.02 -18.86	51.01 2.00 -15.11	46.88 2.20 -10.74	42.92 2.35 -4.40
PGE MADISON__WINDPWR 24146	35.35 3.42 0.00	34.29 3.37 0.00	33.79 3.27 0.00	33.39 3.17 0.00	33.94 3.45 0.00	37.25 3.81 0.00	48.23 5.17 0.00	57.84 6.29 0.00	52.47 5.46 0.09	46.30 5.01 0.44	48.88 4.90 0.61	46.63 4.67 0.49	45.78 4.29 0.52	45.40 4.59 0.50	46.03 4.68 0.47	48.18 5.08 0.39	57.84 6.87 0.72	98.54 11.04 -3.85	73.42 7.90 -6.97	54.20 5.56 -8.04	50.63 4.63 -9.88	45.95 4.13 -7.92	43.33 3.77 -5.62	42.71 4.23 -2.31
PIERCEFIELD__HYD 23852	32.22 0.29 0.00	31.23 0.31 0.00	30.77 0.24 0.00	30.67 0.45 0.00	30.77 0.27 0.00	33.07 -0.37 0.00	42.51 -0.56 0.00	51.55 0.00 0.00	46.91 -0.19 0.00	40.90 -0.83 0.00	43.83 -0.76 0.00	41.68 -0.76 0.00	41.17 -0.84 0.00	40.53 -0.79 0.00	41.06 -0.75 0.00	42.61 -0.87 0.00	50.44 -1.24 0.00	82.14 -1.51 0.00	57.26 -1.29 0.00	39.75 -0.85 0.00	35.62 -0.51 0.00	33.73 -0.17 0.00	33.80 -0.14 0.00	36.03 -0.14 0.00
PINELAWN_CC_I 323563	34.65 2.71 -0.01	33.27 2.35 0.00	32.75 2.23 0.00	32.33 2.11 0.00	32.84 2.35 0.00	36.42 2.97 -0.01	48.82 4.26 -1.49	55.16 3.61 0.00	51.57 3.49 -0.99	50.80 3.92 -5.14	58.30 4.64 -9.07	55.17 4.46 -8.27	52.42 4.41 -6.00	58.58 4.38 -12.88	58.81 4.60 -12.40	61.97 4.52 -13.97	73.42 4.81 -16.93	110.29 6.28 -20.36	110.78 4.45 -47.78	78.20 3.17 -34.43	78.20 2.74 -39.33	63.93 2.78 -27.25	56.68 3.60 -19.15	47.71 3.83 -7.70
PJM_GEN_HTP_PROXY 323702	33.43 1.50 0.00	32.28 1.36 0.00	31.80 1.28 0.00	31.42 1.21 0.00	31.87 1.37 0.00	35.17 1.74 0.00	45.44 2.67 0.30	54.53 2.68 -0.30	50.59 2.49 -1.00	49.74 2.84 -5.16	54.69 3.03 -7.07	51.09 2.93 -5.71	51.09 3.07 -6.02	50.19 3.01 -5.86	50.40 3.14 -5.45	51.09 3.09 -4.52	63.79 3.72 -8.38	108.90 4.85 -20.41	85.50 3.45 -23.50	64.46 2.39 -21.47	57.01 1.99 -18.90	51.07 2.03 -15.14	47.00 2.31 -10.76	43.04 2.46 -4.41
PJM_GEN_KEystone 24065	32.60 0.67 0.00	31.60 0.68 0.00	31.25 0.73 0.00	30.91 0.70 0.00	31.26 0.76 0.00	34.24 0.80 0.00	43.50 0.73 0.30	52.11 0.26 -0.30	41.72 0.19 5.57	39.10 0.71 3.35	40.20 0.40 4.79	39.10 0.42 3.77	38.57 0.46 3.90	37.30 0.50 4.52	38.70 0.42 3.53	40.00 0.48 3.96	45.20 0.62 7.11	59.35 0.34 24.63	50.00 0.35 8.90	45.00 0.32 -4.08	41.29 0.25 -4.91	40.45 0.14 -6.41	38.20 0.27 -3.99	37.10 0.61 -0.32
PJM_GEN_NEPTUNE_PROXY 323594	34.11 2.17 -0.01	32.81 1.89 0.00	32.26 1.74 0.00	31.88 1.66 0.00	32.39 1.89 0.00	35.85 2.41 -0.01	47.47 3.45 -0.96	54.68 2.83 -0.30	50.87 2.78 -0.99	50.17 3.30 -5.14	57.17 3.83 -8.75	54.04 3.74 -7.86	51.79 3.78 -6.00	56.76 3.68 -11.76	56.95 3.84 -11.29	59.68 3.74 -12.46	65.17 4.34 -9.14	109.86 5.85 -20.36	106.57 4.10 -43.92	75.85 2.88 -32.37	74.70 2.49 -36.09	60.55 2.47 -24.17	54.41 2.95 -17.52	46.38 3.15 -7.07
PJM_GEN_VFT_PROXY 323633	33.27 1.34 0.00	32.10 1.17 0.00	31.65 1.13 0.00	31.27 1.06 0.00	31.68 1.19 0.00	34.98 1.54 0.00	45.22 2.45 0.30	54.28 2.42 -0.30	50.35 2.26 -1.00	49.56 2.67 -5.15	54.46 2.81 -7.07	50.88 2.72 -5.71	50.84 2.82 -6.01	49.94 2.77 -5.85	50.14 2.88 -5.44	50.82 2.82 -4.52	63.47 3.41 -8.37	108.31 4.26 -20.40	85.14 3.10 -23.49	64.22 2.15 -21.47	56.79 1.77 -18.90	50.90 1.86 -15.14	46.83 2.14 -10.76	42.86 2.28 -4.41

PLATSBRG_115KV_PMLD1 355749	33.33 1.40 0.00	32.31 1.39 0.00	31.89 1.37 0.00	31.60 1.39 0.00	31.78 1.28 0.00	34.27 0.84 0.00	44.23 1.16 0.00	52.43 0.88 0.00	47.62 0.52 0.00	42.45 0.71 0.00	45.21 0.62 0.00	43.08 0.64 0.00	42.39 0.38 0.00	41.65 0.33 0.00	42.02 0.21 0.00	43.57 0.09 0.00	51.94 0.26 0.00	83.48 -0.17 0.00	57.96 -0.59 0.00	40.76 0.16 0.00	36.42 0.29 0.00	34.04 0.14 0.00	34.04 0.10 0.00	36.82 0.65 0.00
PLEASANTVLY___LBMP 24000	33.30 1.37 0.00	32.19 1.27 0.00	31.74 1.22 0.00	31.39 1.18 0.00	31.75 1.25 0.00	35.01 1.57 0.00	45.43 2.37 0.00	53.93 2.37 0.00	50.04 2.21 -0.72	47.97 2.50 -3.72	52.41 2.72 -5.11	49.25 2.67 -4.13	49.09 2.73 -4.34	48.24 2.69 -4.23	48.55 2.80 -3.93	49.57 2.83 -3.27	61.04 3.31 -6.05	106.39 4.35 -18.39	83.83 3.10 -22.18	63.67 2.15 -20.92	57.56 1.91 -19.52	51.37 1.83 -15.64	47.08 2.04 -11.11	42.93 2.21 -4.56
PLSNTVLE_13_KV_13.8KVDIST 80602	33.46 1.53 0.00	32.34 1.42 0.00	31.86 1.34 0.00	31.54 1.33 0.00	31.87 1.37 0.00	35.21 1.77 0.00	45.74 2.67 0.00	54.34 2.78 0.00	50.60 2.59 -0.91	49.29 2.88 -4.67	54.07 3.08 -6.41	50.60 2.97 -5.18	50.53 3.07 -5.45	49.65 3.02 -5.31	49.89 3.14 -4.94	50.71 3.13 -4.10	63.00 3.72 -7.60	109.03 5.02 -20.37	85.62 3.57 -23.49	64.57 2.48 -21.50	57.26 2.17 -18.97	51.17 2.07 -15.20	47.01 2.27 -10.80	43.06 2.46 -4.43
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.46 1.53 0.00	32.34 1.42 0.00	31.86 1.34 0.00	31.54 1.33 0.00	31.87 1.37 0.00	35.21 1.77 0.00	45.74 2.67 0.00	54.34 2.78 0.00	50.60 2.59 -0.91	49.29 2.88 -4.67	54.07 3.08 -6.41	50.60 2.97 -5.18	50.53 3.07 -5.45	49.65 3.02 -5.31	49.89 3.14 -4.94	50.71 3.13 -4.10	63.00 3.72 -7.60	109.03 5.02 -20.37	85.62 3.57 -23.49	64.57 2.48 -21.50	57.26 2.17 -18.97	51.17 2.07 -15.20	47.01 2.27 -10.80	43.06 2.46 -4.43
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.52 1.60 0.00	32.37 1.45 0.00	31.92 1.40 0.00	31.57 1.36 0.00	31.90 1.40 0.00	35.17 1.74 0.00	45.65 2.58 0.00	54.18 2.63 0.00	49.94 2.45 -0.39	46.51 2.67 -2.10	50.32 2.85 -2.88	47.57 2.80 -2.33	47.32 2.86 -2.45	46.56 2.85 -2.39	47.00 2.97 -2.22	48.36 3.04 -1.84	58.71 3.62 -3.41	103.17 4.94 -14.59	81.37 3.57 -19.24	62.19 2.40 -19.19	57.86 2.13 -19.60	51.60 2.00 -15.70	47.26 2.17 -11.16	43.09 2.35 -4.57
POLETTI____ 23519	33.40 1.47 0.00	32.22 1.30 0.00	31.74 1.22 0.00	31.42 1.21 0.00	31.75 1.25 0.00	35.11 1.67 0.00	45.61 2.54 0.00	54.13 2.58 0.00	50.55 2.45 -1.00	49.65 2.75 -5.15	54.51 2.85 -7.07	50.96 2.80 -5.71	50.96 2.94 -6.01	50.07 2.89 -5.85	50.27 3.01 -5.44	51.00 3.00 -4.52	63.57 3.51 -8.37	109.71 4.60 -21.46	86.21 3.34 -24.32	64.84 2.27 -21.96	56.94 1.91 -18.90	50.97 1.93 -15.14	46.96 2.27 -10.76	43.04 2.46 -4.41
POMONA___ESR 323819	33.11 1.18 0.00	31.97 1.05 0.00	31.56 1.04 0.00	31.21 1.00 0.00	31.63 1.13 0.00	34.81 1.37 0.00	45.18 2.11 0.00	53.56 2.01 0.00	47.23 1.65 1.52	35.96 2.09 7.87	36.12 2.32 10.79	35.98 2.25 8.71	35.19 2.35 9.18	34.70 2.31 8.93	35.94 2.42 8.30	38.97 2.39 6.90	41.80 2.89 12.78	76.59 3.51 10.57	60.11 2.52 0.96	48.83 1.74 -6.49	55.72 1.48 -18.11	49.90 1.49 -14.51	45.94 1.70 -10.31	42.24 1.84 -4.23
PORT_JEFF_3 23555	35.03 3.10 -0.01	33.64 2.72 0.00	33.05 2.53 0.00	32.66 2.45 0.00	33.18 2.68 0.00	36.89 3.44 -0.01	49.28 4.86 -1.35	55.68 4.13 0.00	52.05 3.96 -0.99	51.25 4.38 -5.14	58.68 5.21 -8.88	55.48 5.01 -8.03	52.92 4.91 -6.00	58.42 4.87 -12.23	58.71 5.14 -11.75	61.65 5.08 -13.09	70.07 6.04 -12.34	112.97 8.95 -20.36	110.46 6.38 -45.53	78.21 4.39 -33.23	77.32 3.76 -37.43	62.93 3.59 -25.44	56.55 4.14 -18.48	48.02 4.41 -7.44
PORT_JEFF_4 23616	35.03 3.10 -0.01	33.64 2.72 0.00	33.05 2.53 0.00	32.66 2.45 0.00	33.18 2.68 0.00	36.89 3.44 -0.01	49.28 4.86 -1.35	55.68 4.13 0.00	52.05 3.96 -0.99	51.25 4.38 -5.14	58.68 5.21 -8.88	55.48 5.01 -8.03	52.92 4.91 -6.00	58.42 4.87 -12.23	58.71 5.14 -11.75	61.65 5.08 -13.09	70.07 6.04 -12.34	112.97 8.95 -20.36	110.46 6.38 -45.53	78.21 4.39 -33.23	77.32 3.76 -37.43	62.93 3.59 -25.44	56.55 4.14 -18.48	48.02 4.41 -7.44
PORT_JEFF_IC 23713	35.10 3.16 -0.01	33.67 2.75 0.00	33.11 2.59 0.00	32.69 2.48 0.00	33.24 2.75 0.00	36.92 3.48 -0.01	49.37 4.95 -1.36	55.78 4.23 0.00	52.14 4.05 -0.99	51.34 4.47 -5.14	58.78 5.30 -8.89	55.57 5.09 -8.04	53.01 5.00 -6.00	58.53 4.96 -12.25	58.82 5.23 -11.78	61.77 5.17 -13.12	70.33 6.15 -12.49	113.21 9.20 -20.36	110.71 6.56 -45.61	78.38 4.51 -33.27	77.50 3.87 -37.50	63.10 3.70 -25.50	56.65 4.21 -18.50	48.10 4.48 -7.45
PPL PILGRIM_ST_GT1 24216	34.97 3.03 -0.01	33.58 2.66 0.00	33.02 2.50 0.00	32.60 2.39 0.00	33.15 2.65 0.00	36.79 3.34 -0.01	49.22 4.78 -1.37	55.47 3.92 0.00	51.90 3.81 -0.99	51.13 4.26 -5.14	58.63 5.13 -8.92	55.43 4.92 -8.07	52.88 4.87 -6.00	58.49 4.83 -12.33	58.73 5.06 -11.86	61.62 4.91 -13.23	70.45 5.69 -13.08	112.29 8.28 -20.36	110.35 5.91 -45.89	78.12 4.10 -33.42	77.37 3.50 -37.74	63.02 3.39 -25.73	56.56 4.04 -18.59	47.95 4.30 -7.48
PPL PILGRIM_ST_GT2 24217	34.97 3.03 -0.01	33.58 2.66 0.00	33.02 2.50 0.00	32.60 2.39 0.00	33.15 2.65 0.00	36.79 3.34 -0.01	49.22 4.78 -1.37	55.47 3.92 0.00	51.90 3.81 -0.99	51.13 4.26 -5.14	58.63 5.13 -8.92	55.43 4.92 -8.07	52.88 4.87 -6.00	58.49 4.83 -12.33	58.73 5.06 -11.86	61.62 4.91 -13.23	70.45 5.69 -13.08	112.29 8.28 -20.36	110.35 5.91 -45.89	78.12 4.10 -33.42	77.37 3.50 -37.74	63.02 3.39 -25.73	56.56 4.04 -18.59	47.95 4.30 -7.48
PPL_SHRM_GT3 24213	35.36 3.42 -0.01	33.92 3.00 0.00	33.36 2.84 0.00	32.93 2.72 0.00	33.49 2.99 0.00	37.26 3.81 -0.01	49.76 5.34 -1.35	56.25 4.69 0.00	52.57 4.48 -0.99	51.67 4.80 -5.14	59.14 5.66 -8.89	55.87 5.39 -8.03	53.26 5.25 -6.00	58.76 5.21 -12.24	59.09 5.52 -11.76	62.14 5.57 -13.10	70.79 6.72 -12.39	114.30 10.29 -20.36	111.48 7.38 -45.55	78.91 5.07 -33.24	77.92 4.33 -37.46	63.46 4.10 -25.46	57.00 4.58 -18.49	48.49 4.88 -7.44
PPL_SHRM_GT4 24214	35.36 3.42 -0.01	33.92 3.00 0.00	33.36 2.84 0.00	32.93 2.72 0.00	33.49 2.99 0.00	37.26 3.81 -0.01	49.76 5.34 -1.35	56.25 4.69 0.00	52.57 4.48 -0.99	51.67 4.80 -5.14	59.14 5.66 -8.89	55.87 5.39 -8.03	53.26 5.25 -6.00	58.76 5.21 -12.24	59.09 5.52 -11.76	62.14 5.57 -13.10	70.79 6.72 -12.39	114.30 10.29 -20.36	111.48 7.38 -45.55	78.91 5.07 -33.24	77.92 4.33 -37.46	63.46 4.10 -25.46	57.00 4.58 -18.49	48.49 4.88 -7.44
PROJECT___ORANGE I 24174	31.55 -0.38 0.00	30.55 -0.37 0.00	30.15 -0.37 0.00	29.82 -0.39 0.00	30.10 -0.40 0.00	33.00 -0.43 0.00	42.42 -0.65 0.00	50.37 -1.19 0.00	46.12 -0.94 0.03	40.93 -0.54 0.26	43.47 -0.76 0.36	41.48 -0.68 0.29	40.99 -0.71 0.31	40.32 -0.70 0.30	40.79 -0.75 0.28	42.55 -0.70 0.23	50.59 -0.67 0.43	83.97 -0.84 -1.16	60.38 -0.53 -2.36	43.14 -0.28 -2.83	39.42 -0.33 -3.62	36.43 -0.37 -2.90	35.49 -0.51 -2.06	36.51 -0.51 -0.84

PROJECT___ORANGE 2 24166	31.55 -0.38 0.00	30.55 -0.37 0.00	30.15 -0.37 0.00	29.82 -0.39 0.00	30.10 -0.40 0.00	33.00 -0.43 0.00	42.42 -0.65 0.00	50.37 -1.19 0.00	46.12 -0.94 0.03	40.93 -0.54 0.26	43.47 -0.76 0.36	41.48 -0.68 0.29	40.99 -0.71 0.31	40.32 -0.70 0.30	40.79 -0.75 0.28	42.55 -0.70 0.23	50.59 -0.67 0.43	83.97 -0.84 -1.16	60.38 -0.53 -2.36	43.14 -0.28 -2.83	39.42 -0.33 -3.62	36.43 -0.37 -2.90	35.49 -0.51 -2.06	36.51 -0.51 -0.84
PUCKETT___SOLAR 323809	33.14 1.21 0.00	32.10 1.17 0.00	31.68 1.16 0.00	31.36 1.15 0.00	31.72 1.22 0.00	34.78 1.34 0.00	44.83 1.77 0.00	53.36 1.80 0.00	48.61 1.60 0.09	42.93 1.67 0.48	45.40 1.47 0.66	43.32 1.40 0.53	42.80 1.34 0.56	42.18 1.41 0.54	42.73 1.42 0.51	44.84 1.78 0.42	53.39 2.48 0.78	91.21 3.85 -3.71	68.18 2.81 -6.82	50.54 2.03 -7.91	47.64 1.73 -9.78	43.19 1.46 -7.83	40.79 1.29 -5.57	40.01 1.55 -2.28
PYRITES___HYD 24023	32.95 1.02 0.00	31.94 1.02 0.00	31.47 0.95 0.00	31.33 1.12 0.00	31.50 1.01 0.00	33.97 0.53 0.00	43.80 0.73 0.00	53.15 1.60 0.00	48.42 1.32 0.00	42.20 0.46 0.00	45.03 0.45 0.00	42.79 0.34 0.00	42.26 0.25 0.00	41.65 0.33 0.00	42.19 0.38 0.00	43.78 0.30 0.00	51.99 0.31 0.00	84.65 1.00 0.00	59.08 0.53 0.00	41.01 0.41 0.00	36.63 0.51 0.00	34.55 0.64 0.00	34.55 0.61 0.00	36.75 0.58 0.00
QUAKERRD_115KV_BK1 80622	30.87 -1.05 0.00	29.90 -1.02 0.00	29.54 -0.98 0.00	29.22 -1.00 0.00	29.49 -1.01 0.00	32.30 -1.14 0.00	41.26 -1.81 0.00	48.93 -2.63 0.00	45.03 -2.03 0.04	39.93 -1.50 0.30	42.12 -2.05 0.42	40.20 -1.91 0.34	39.72 -1.93 0.36	39.07 -1.90 0.35	39.40 -2.09 0.32	41.12 -2.09 0.27	48.97 -2.22 0.49	81.65 -3.43 -1.43	59.08 -2.34 -2.87	42.57 -1.46 -3.43	39.05 -1.45 -4.37	35.88 -1.53 -3.50	34.73 -1.70 -2.49	35.53 -1.66 -1.02
QUENSBRY_115KV_TB8 356137	33.11 1.18 0.00	32.10 1.17 0.00	31.77 1.25 0.00	31.33 1.12 0.00	31.72 1.22 0.00	34.94 1.50 0.00	45.52 2.45 0.00	54.24 2.68 0.00	49.87 2.50 -0.27	45.76 2.63 -1.39	49.66 3.17 -1.91	46.54 2.55 -1.54	45.91 2.27 -1.63	45.13 2.23 -1.58	45.50 2.22 -1.47	47.13 2.43 -1.22	57.10 3.15 -2.26	118.04 5.10 -29.28	106.15 3.51 -44.09	90.14 2.44 -47.11	91.19 2.13 -52.93	78.40 2.10 -42.40	66.06 2.00 -30.12	50.91 2.39 -12.35
RAMAPO___LBMP 323565	32.98 1.05 0.00	31.88 0.96 0.00	31.47 0.95 0.00	31.12 0.91 0.00	31.47 0.98 0.00	34.67 1.24 0.00	44.96 1.89 0.00	53.41 1.86 0.00	47.26 1.60 1.44	36.17 1.96 7.53	36.40 2.14 10.33	36.18 2.08 8.34	35.41 2.18 8.79	34.91 2.15 8.56	36.12 2.26 7.95	39.14 2.26 6.60	42.08 2.64 12.24	77.96 3.26 8.95	61.16 2.34 -0.27	49.37 1.58 -7.19	55.59 1.45 -18.02	49.76 1.42 -14.44	45.79 1.59 -10.26	42.11 1.74 -4.21
RANKINE____ 23646	32.63 0.70 0.00	31.76 0.83 0.00	31.44 0.92 0.00	31.03 0.82 0.00	31.29 0.79 0.00	34.17 0.74 0.00	42.68 -0.39 0.00	50.06 -1.50 0.00	46.11 -0.94 0.05	40.94 -0.46 0.34	42.78 -1.34 0.47	40.84 -1.23 0.38	40.27 -1.34 0.40	39.69 -1.24 0.39	39.82 -1.63 0.36	41.70 -1.48 0.30	49.47 -1.65 0.56	82.68 -2.76 -1.79	60.32 -1.76 -3.53	43.89 -0.89 -4.19	40.56 -0.87 -5.30	37.03 -1.12 -4.25	35.76 -1.19 -3.02	36.86 -0.54 -1.24
RAVENSWOOD_GT2_1 24244	33.49 1.56 0.00	32.34 1.42 0.00	31.86 1.34 0.00	31.51 1.30 0.00	31.84 1.34 0.00	35.21 1.77 0.00	45.74 2.67 0.00	54.29 2.73 0.00	50.64 2.54 -1.00	49.77 2.88 -5.15	54.63 2.99 -7.06	51.08 2.93 -5.70	51.04 3.02 -6.01	50.14 2.97 -5.85	50.34 3.09 -5.43	51.08 3.09 -4.51	63.67 3.62 -8.36	109.95 4.85 -21.45	86.31 3.45 -24.31	64.91 2.35 -21.96	57.05 2.02 -18.90	51.07 2.03 -15.14	47.00 2.31 -10.76	43.11 2.53 -4.41
RAVENSWOOD_GT2_2 24245	33.49 1.56 0.00	32.34 1.42 0.00	31.86 1.34 0.00	31.51 1.30 0.00	31.84 1.34 0.00	35.21 1.77 0.00	45.74 2.67 0.00	54.29 2.73 0.00	50.64 2.54 -1.00	49.77 2.88 -5.15	54.63 2.99 -7.06	51.08 2.93 -5.70	51.04 3.02 -6.01	50.14 2.97 -5.85	50.34 3.09 -5.43	51.08 3.09 -4.51	63.67 3.62 -8.36	109.95 4.85 -21.45	86.31 3.45 -24.31	64.91 2.35 -21.96	57.05 2.02 -18.90	51.07 2.03 -15.14	47.00 2.31 -10.76	43.11 2.53 -4.41
RAVENSWOOD_GT2_3 24246	33.49 1.56 0.00	32.34 1.42 0.00	31.86 1.34 0.00	31.51 1.30 0.00	31.87 1.37 0.00	35.21 1.77 0.00	45.74 2.67 0.00	54.29 2.73 0.00	50.69 2.59 -1.00	49.77 2.88 -5.15	54.63 2.99 -7.06	51.08 2.93 -5.70	51.08 3.07 -6.01	50.18 3.02 -5.85	50.39 3.14 -5.43	51.12 3.13 -4.51	63.72 3.67 -8.36	110.03 4.94 -21.45	86.37 3.51 -24.31	64.95 2.40 -21.96	57.08 2.06 -18.90	51.07 2.03 -15.14	47.03 2.34 -10.76	43.15 2.57 -4.41
RAVENSWOOD_GT2_4 24247	33.49 1.56 0.00	32.34 1.42 0.00	31.86 1.34 0.00	31.51 1.30 0.00	31.87 1.37 0.00	35.21 1.77 0.00	45.74 2.67 0.00	54.29 2.73 0.00	50.69 2.59 -1.00	49.77 2.88 -5.15	54.63 2.99 -7.06	51.08 2.93 -5.70	51.08 3.07 -6.01	50.18 3.02 -5.85	50.39 3.14 -5.43	51.12 3.13 -4.51	63.72 3.67 -8.36	110.03 4.94 -21.45	86.37 3.51 -24.31	64.95 2.40 -21.96	57.08 2.06 -18.90	51.07 2.03 -15.14	47.03 2.34 -10.76	43.15 2.57 -4.41
RAVENSWOOD_GT3_1 24248	33.49 1.56 0.00	32.34 1.42 0.00	31.86 1.34 0.00	31.51 1.30 0.00	31.84 1.34 0.00	35.21 1.77 0.00	45.74 2.67 0.00	54.29 2.73 0.00	50.69 2.59 -1.00	49.77 2.88 -5.15	54.63 2.99 -7.06	51.08 2.93 -5.70	51.04 3.02 -6.01	50.18 3.02 -5.85	50.34 3.09 -5.43	51.08 3.09 -4.51	63.67 3.62 -8.36	109.95 4.85 -21.45	86.31 3.45 -24.31	64.91 2.35 -21.96	57.05 2.02 -18.90	51.07 2.03 -15.14	47.03 2.34 -10.76	43.11 2.53 -4.41
RAVENSWOOD_GT3_2 24249	33.49 1.56 0.00	32.34 1.42 0.00	31.86 1.34 0.00	31.51 1.30 0.00	31.84 1.34 0.00	35.21 1.77 0.00	45.74 2.67 0.00	54.29 2.73 0.00	50.69 2.59 -1.00	49.77 2.88 -5.15	54.63 2.99 -7.06	51.08 2.93 -5.70	51.04 3.02 -6.01	50.18 3.02 -5.85	50.34 3.09 -5.43	51.08 3.09 -4.51	63.67 3.62 -8.36	109.95 4.85 -21.45	86.31 3.45 -24.31	64.91 2.35 -21.96	57.05 2.02 -18.90	51.07 2.03 -15.14	47.03 2.34 -10.76	43.11 2.53 -4.41
RAVENSWOOD_GT3_3 24250	33.52 1.60 0.00	32.37 1.45 0.00	31.89 1.37 0.00	31.54 1.33 0.00	31.87 1.37 0.00	35.24 1.81 0.00	45.78 2.71 0.00	54.34 2.78 0.00	50.74 2.64 -1.00	49.81 2.92 -5.15	54.68 3.03 -7.06	51.12 2.97 -5.70	51.13 3.11 -6.01	50.22 3.06 -5.85	50.43 3.18 -5.43	51.17 3.17 -4.51	63.77 3.72 -8.36	110.12 5.02 -21.45	86.43 3.57 -24.31	64.99 2.44 -21.96	57.08 2.06 -18.90	51.11 2.07 -15.14	47.07 2.38 -10.76	43.15 2.57 -4.41
RAVENSWOOD_GT3_4 24251	33.52 1.60 0.00	32.37 1.45 0.00	31.89 1.37 0.00	31.54 1.33 0.00	31.87 1.37 0.00	35.24 1.81 0.00	45.78 2.71 0.00	54.34 2.78 0.00	50.74 2.64 -1.00	49.81 2.92 -5.15	54.68 3.03 -7.06	51.12 2.97 -5.70	51.13 3.11 -6.01	50.22 3.06 -5.85	50.43 3.18 -5.43	51.17 3.17 -4.51	63.77 3.72 -8.36	110.12 5.02 -21.45	86.43 3.57 -24.31	64.99 2.44 -21.96	57.08 2.06 -18.90	51.11 2.07 -15.14	47.07 2.38 -10.76	43.15 2.57 -4.41

RAVENSWOOD_GT_1 23729	33.62 1.69 0.00	32.44 1.52 0.00	31.96 1.43 0.00	31.60 1.39 0.00	31.93 1.43 0.00	35.24 1.81 0.00	45.74 2.67 0.00	54.24 2.68 0.00	50.60 2.50 -1.00	49.72 2.84 -5.15	54.59 2.94 -7.06	51.04 2.89 -5.70	51.00 2.98 -6.01	50.14 2.97 -5.85	50.30 3.05 -5.43	51.04 3.04 -4.51	63.56 3.51 -8.36	109.78 4.68 -21.45	86.20 3.34 -24.31	64.79 2.23 -21.96	56.94 1.91 -18.90	51.07 2.03 -15.14	47.03 2.34 -10.76	43.26 2.68 -4.41
RAVENSWOOD_GT_10 24258	33.49 1.56 0.00	32.34 1.42 0.00	31.86 1.34 0.00	31.51 1.30 0.00	31.84 1.34 0.00	35.21 1.77 0.00	45.74 2.67 0.00	54.29 2.73 0.00	50.69 2.59 -1.00	49.77 2.88 -5.15	54.63 2.99 -7.06	51.08 2.93 -5.70	51.04 3.02 -6.01	50.18 3.02 -5.85	50.39 3.14 -5.43	51.08 3.09 -4.51	63.72 3.67 -8.36	109.95 4.85 -21.45	86.37 3.51 -24.31	64.91 2.35 -21.96	57.05 2.02 -18.90	51.07 2.03 -15.14	47.03 2.34 -10.76	43.11 2.53 -4.41
RAVENSWOOD_GT_11 24259	33.49 1.56 0.00	32.34 1.42 0.00	31.86 1.34 0.00	31.51 1.30 0.00	31.84 1.34 0.00	35.21 1.77 0.00	45.74 2.67 0.00	54.29 2.73 0.00	50.69 2.59 -1.00	49.77 2.88 -5.15	54.63 2.99 -7.06	51.08 2.93 -5.70	51.04 3.02 -6.01	50.18 3.02 -5.85	50.39 3.14 -5.43	51.08 3.09 -4.51	63.72 3.67 -8.36	109.95 4.85 -21.45	86.37 3.51 -24.31	64.91 2.35 -21.96	57.05 2.02 -18.90	51.07 2.03 -15.14	47.03 2.34 -10.76	43.11 2.53 -4.41
RAVENSWOOD_GT_4 24252	33.49 1.56 0.00	32.34 1.42 0.00	31.83 1.31 0.00	31.51 1.30 0.00	31.84 1.34 0.00	35.21 1.77 0.00	45.74 2.67 0.00	54.34 2.78 0.00	50.69 2.59 -1.00	49.77 2.88 -5.15	54.68 3.03 -7.06	51.12 2.97 -5.70	51.08 3.07 -6.01	50.18 3.02 -5.85	50.39 3.14 -5.43	51.12 3.13 -4.51	63.72 3.67 -8.36	110.03 4.94 -21.45	86.37 3.51 -24.31	64.95 2.40 -21.96	57.08 2.06 -18.90	51.07 2.03 -15.14	47.03 2.34 -10.76	43.11 2.53 -4.41
RAVENSWOOD_GT_5 24254	33.49 1.56 0.00	32.34 1.42 0.00	31.83 1.31 0.00	31.51 1.30 0.00	31.84 1.34 0.00	35.21 1.77 0.00	45.74 2.67 0.00	54.34 2.78 0.00	50.69 2.59 -1.00	49.77 2.88 -5.15	54.68 3.03 -7.06	51.12 2.97 -5.70	51.08 3.07 -6.01	50.18 3.02 -5.85	50.39 3.14 -5.43	51.12 3.13 -4.51	63.72 3.67 -8.36	110.03 4.94 -21.45	86.37 3.51 -24.31	64.95 2.40 -21.96	57.08 2.06 -18.90	51.07 2.03 -15.14	47.03 2.34 -10.76	43.11 2.53 -4.41
RAVENSWOOD_GT_6 24253	33.49 1.56 0.00	32.34 1.42 0.00	31.83 1.31 0.00	31.51 1.30 0.00	31.84 1.34 0.00	35.21 1.77 0.00	45.74 2.67 0.00	54.34 2.78 0.00	50.69 2.59 -1.00	49.77 2.88 -5.15	54.68 3.03 -7.06	51.12 2.97 -5.70	51.08 3.07 -6.01	50.18 3.02 -5.85	50.39 3.14 -5.43	51.12 3.13 -4.51	63.72 3.67 -8.36	110.03 4.94 -21.45	86.37 3.51 -24.31	64.95 2.40 -21.96	57.08 2.06 -18.90	51.07 2.03 -15.14	47.03 2.34 -10.76	43.11 2.53 -4.41
RAVENSWOOD_GT_7 24255	33.49 1.56 0.00	32.34 1.42 0.00	31.83 1.31 0.00	31.51 1.30 0.00	31.84 1.34 0.00	35.21 1.77 0.00	45.74 2.67 0.00	54.34 2.78 0.00	50.69 2.59 -1.00	49.77 2.88 -5.15	54.68 3.03 -7.06	51.12 2.97 -5.70	51.08 3.07 -6.01	50.18 3.02 -5.85	50.39 3.14 -5.43	51.12 3.13 -4.51	63.72 3.67 -8.36	110.03 4.94 -21.45	86.37 3.51 -24.31	64.95 2.40 -21.96	57.08 2.06 -18.90	51.07 2.03 -15.14	47.03 2.34 -10.76	43.11 2.53 -4.41
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.49 1.56 0.00	32.34 1.42 0.00	31.86 1.34 0.00	31.51 1.30 0.00	31.84 1.34 0.00	35.21 1.77 0.00	45.74 2.67 0.00	54.29 2.73 0.00	50.69 2.59 -1.00	49.77 2.88 -5.15	54.63 2.99 -7.06	51.08 2.93 -5.70	51.04 3.02 -6.01	50.18 3.02 -5.85	50.39 3.14 -5.43	51.08 3.09 -4.51	63.72 3.67 -8.36	109.95 4.85 -21.45	86.37 3.51 -24.31	64.91 2.35 -21.96	57.05 2.02 -18.90	51.07 2.03 -15.14	47.03 2.34 -10.76	43.11 2.53 -4.41
RAVENSWOOD_GT_9 24257	33.49 1.56 0.00	32.34 1.42 0.00	31.86 1.34 0.00	31.51 1.30 0.00	31.84 1.34 0.00	35.21 1.77 0.00	45.74 2.67 0.00	54.29 2.73 0.00	50.69 2.59 -1.00	49.77 2.88 -5.15	54.63 2.99 -7.06	51.08 2.93 -5.70	51.04 3.02 -6.01	50.18 3.02 -5.85	50.39 3.14 -5.43	51.08 3.09 -4.51	63.72 3.67 -8.36	109.95 4.85 -21.45	86.37 3.51 -24.31	64.91 2.35 -21.96	57.05 2.02 -18.90	51.07 2.03 -15.14	47.03 2.34 -10.76	43.11 2.53 -4.41
RAVENSWOOD___1 23533	33.59 1.66 0.00	32.40 1.48 0.00	31.93 1.40 0.00	31.54 1.33 0.00	31.96 1.46 0.00	35.24 1.80 0.00	45.74 2.67 0.00	54.18 2.63 0.00	50.54 2.45 -0.99	49.73 2.84 -5.15	54.63 2.99 -7.06	51.04 2.89 -5.70	51.00 2.98 -6.01	50.10 2.93 -5.85	50.30 3.05 -5.43	51.03 3.04 -4.51	63.66 3.62 -8.36	108.71 4.68 -20.38	85.30 3.28 -23.48	64.33 2.27 -21.46	56.90 1.88 -18.90	51.11 2.07 -15.14	47.03 2.34 -10.76	43.19 2.61 -4.41
RAVENSWOOD___2 23534	33.59 1.66 0.00	32.40 1.48 0.00	31.93 1.40 0.00	31.54 1.33 0.00	31.96 1.46 0.00	35.21 1.77 0.00	45.69 2.63 0.00	54.18 2.63 0.00	50.54 2.45 -0.99	49.68 2.80 -5.15	54.59 2.94 -7.06	50.99 2.84 -5.70	51.00 2.98 -6.01	50.10 2.93 -5.85	50.30 3.05 -5.43	50.99 3.00 -4.51	63.66 3.62 -8.36	108.63 4.60 -20.38	85.30 3.28 -23.48	64.33 2.27 -21.46	56.90 1.88 -18.90	51.11 2.07 -15.14	47.00 2.31 -10.76	43.19 2.61 -4.41
RAVENSWOOD___3 23535	33.49 1.56 0.00	32.31 1.39 0.00	31.86 1.34 0.00	31.48 1.27 0.00	31.90 1.40 0.00	35.21 1.77 0.00	45.78 2.71 0.00	54.29 2.73 0.00	50.59 2.49 -0.99	49.76 2.88 -5.15	54.72 3.07 -7.06	51.12 2.97 -5.70	51.08 3.07 -6.01	50.18 3.01 -5.85	50.39 3.14 -5.43	51.08 3.09 -4.51	63.82 3.77 -8.36	108.88 4.85 -20.38	85.48 3.45 -23.48	64.45 2.39 -21.46	57.05 2.02 -18.90	51.11 2.07 -15.14	47.03 2.34 -10.76	43.07 2.49 -4.41
RAVENSWOOD___4 23820	33.56 1.63 0.00	32.40 1.48 0.00	31.90 1.37 0.00	31.54 1.33 0.00	31.96 1.46 0.00	35.21 1.77 0.00	45.69 2.63 0.00	54.13 2.58 0.00	50.49 2.40 -0.99	49.68 2.80 -5.15	54.59 2.94 -7.06	50.99 2.84 -5.70	51.00 2.98 -6.01	50.10 2.93 -5.85	50.30 3.05 -5.43	50.99 3.00 -4.51	63.66 3.62 -8.36	108.63 4.60 -20.38	85.30 3.28 -23.48	64.33 2.27 -21.46	56.90 1.88 -18.90	51.11 2.07 -15.14	47.00 2.31 -10.76	43.19 2.61 -4.41
RCPI_TRUST___DRP 24196	33.49 1.56 0.00	32.34 1.42 0.00	31.83 1.31 0.00	31.51 1.30 0.00	31.84 1.34 0.00	35.21 1.77 0.00	45.78 2.71 0.00	54.34 2.78 0.00	50.74 2.64 -1.00	49.82 2.92 -5.16	54.69 3.03 -7.07	51.13 2.97 -5.71	51.14 3.11 -6.02	50.24 3.06 -5.86	50.44 3.18 -5.45	51.17 3.17 -4.52	63.79 3.72 -8.38	110.14 5.02 -21.47	86.45 3.57 -24.33	65.00 2.44 -21.97	57.08 2.06 -18.90	51.07 2.03 -15.14	47.03 2.34 -10.76	43.11 2.53 -4.41
RED___ROCHESTER 323720	31.86 -0.06 0.00	30.89 -0.03 0.00	30.52 0.00 0.00	30.21 0.00 0.00	30.47 -0.03 0.00	33.30 -0.13 0.00	42.37 -0.69 0.00	50.32 -1.24 0.00	46.19 -0.85 0.06	41.05 -0.38 0.31	43.09 -1.07 0.42	41.21 -0.89 0.34	40.73 -0.92 0.36	40.10 -0.87 0.35	40.36 -1.13 0.33	42.25 -0.96 0.27	50.30 -0.88 0.50	84.00 -1.25 -1.61	60.82 -0.76 -3.04	43.75 -0.41 -3.56	40.18 -0.40 -4.45	36.72 -0.75 -3.56	35.52 -0.95 -2.53	36.52 -0.69 -1.04

REGAN___SOLAR 323812	34.80 2.87 0.00	33.70 2.78 0.00	33.39 2.87 0.00	32.87 2.66 0.00	33.45 2.96 0.00	36.85 3.41 0.00	48.14 5.08 0.00	56.97 5.41 0.00	52.11 4.81 -0.20	47.22 4.42 -1.06	50.90 4.86 -1.45	47.95 4.33 -1.17	47.83 4.58 -1.24	46.95 4.42 -1.20	47.36 4.43 -1.12	49.67 5.26 -0.93	60.38 6.97 -1.72	122.54 11.80 -27.09	107.60 8.02 -41.03	89.95 5.40 -43.95	90.41 4.73 -49.55	77.76 4.17 -39.69	66.01 3.87 -28.20	52.04 4.30 -11.56
RENSSELAER___COGEN 23796	32.06 0.13 0.00	31.11 0.19 0.00	30.71 0.18 0.00	30.40 0.18 0.00	30.74 0.24 0.00	33.67 0.24 0.00	43.58 0.52 0.00	51.81 0.26 0.00	47.74 0.38 -0.27	43.91 0.79 -1.38	48.40 1.92 -1.90	45.76 1.78 -1.53	45.39 1.76 -1.61	44.67 1.78 -1.57	45.11 1.84 -1.46	46.65 1.96 -1.21	56.20 2.27 -2.25	108.82 3.35 -21.83	92.76 2.34 -31.87	75.86 1.70 -33.55	74.62 1.52 -36.98	64.95 1.42 -29.62	56.47 1.49 -21.05	46.43 1.63 -8.63
REPUBLIC_115KV_BARTNBRK 55605	34.23 2.30 0.00	33.24 2.32 0.00	32.93 2.41 0.00	32.42 2.21 0.00	32.88 2.38 0.00	36.24 2.81 0.00	47.46 4.39 0.00	56.50 4.95 0.00	52.03 4.66 -0.27	47.73 4.59 -1.40	51.76 5.26 -1.92	48.49 4.50 -1.55	47.76 4.12 -1.63	47.00 4.09 -1.59	47.39 4.10 -1.48	49.23 4.52 -1.22	59.85 5.89 -2.27	122.57 9.70 -29.22	109.21 6.67 -43.98	92.13 4.55 -46.98	92.88 3.97 -52.78	79.91 3.73 -42.28	67.44 3.46 -30.04	52.47 3.98 -12.32
REVERE_CPPR_DRP 24186	33.14 1.21 0.00	32.10 1.17 0.00	31.65 1.13 0.00	31.27 1.06 0.00	31.66 1.16 0.00	34.77 1.34 0.00	45.00 1.94 0.00	54.03 2.47 0.00	49.45 2.35 0.00	43.91 2.17 0.00	46.86 2.27 0.00	44.57 2.12 0.00	44.03 2.02 0.00	43.34 2.02 0.00	43.86 2.05 0.00	45.83 2.35 0.00	54.79 3.10 0.00	89.10 4.60 -0.85	63.02 3.10 -1.36	44.29 2.19 -1.50	39.67 1.81 -1.74	36.89 1.59 -1.39	36.25 1.32 -0.99	37.99 1.41 -0.41
REYNOLDS_115KV_TB3 80639	32.31 0.38 0.00	31.29 0.37 0.00	30.92 0.40 0.00	30.58 0.36 0.00	30.89 0.40 0.00	33.90 0.47 0.00	43.93 0.86 0.00	52.28 0.72 0.00	48.08 0.71 -0.27	44.22 1.09 -1.40	48.47 1.96 -1.92	45.82 1.83 -1.55	45.49 1.85 -1.63	44.73 1.82 -1.59	45.18 1.88 -1.48	46.71 2.00 -1.23	56.23 2.27 -2.28	109.64 3.51 -22.48	94.21 2.46 -33.20	77.49 1.75 -35.15	76.74 1.59 -39.03	66.65 1.49 -31.26	57.71 1.56 -22.21	46.94 1.66 -9.11
RIVERBAY___ 323610	34.23 2.30 0.00	33.05 2.13 0.00	32.57 2.04 0.00	32.21 1.99 0.00	32.54 2.04 0.00	35.81 2.37 0.00	46.25 3.19 0.00	54.65 3.09 0.00	50.93 2.83 -1.00	50.02 3.13 -5.15	54.85 3.21 -7.06	51.29 3.14 -5.70	51.29 3.28 -6.01	50.39 3.22 -5.85	50.59 3.35 -5.43	51.34 3.35 -4.51	63.98 3.93 -8.36	110.45 5.35 -21.45	86.61 3.75 -24.31	65.12 2.56 -21.96	57.16 2.13 -18.90	51.38 2.34 -15.14	47.47 2.78 -10.76	43.94 3.36 -4.41
RIVERSDE_115KV_TB3 55908	32.22 0.29 0.00	31.23 0.31 0.00	30.86 0.34 0.00	30.52 0.30 0.00	30.80 0.30 0.00	33.80 0.37 0.00	43.80 0.73 0.00	52.12 0.57 0.00	47.98 0.61 -0.27	44.13 1.00 -1.39	48.54 2.05 -1.91	45.90 1.91 -1.54	45.52 1.89 -1.62	44.80 1.90 -1.58	45.25 1.97 -1.47	46.78 2.09 -1.22	56.32 2.38 -2.26	109.90 3.68 -22.58	94.50 2.58 -33.38	77.78 1.83 -35.35	77.06 1.66 -39.28	66.89 1.53 -31.46	57.88 1.59 -22.35	47.07 1.74 -9.17
ROARING___BROOK_WT_PWR 323790	31.99 0.06 0.00	30.98 0.06 0.00	30.58 0.06 0.00	30.31 0.09 0.00	30.53 0.03 0.00	33.44 0.00 0.00	43.07 0.00 0.00	51.76 0.21 0.00	47.24 0.14 0.00	41.65 -0.08 0.00	44.45 -0.13 0.00	42.32 -0.13 0.00	41.89 -0.13 0.00	41.20 -0.12 0.00	41.65 -0.17 0.00	43.31 -0.17 0.00	51.38 -0.31 0.00	83.32 -0.33 0.00	58.26 -0.29 0.00	40.40 -0.20 0.00	35.95 -0.18 0.00	33.77 -0.14 0.00	33.80 -0.14 0.00	35.99 -0.18 0.00
ROCHESRG_115KV_T4 355643	31.55 -0.38 0.00	30.58 -0.34 0.00	30.25 -0.27 0.00	29.88 -0.33 0.00	30.16 -0.34 0.00	33.04 -0.40 0.00	41.95 -1.12 0.00	49.65 -1.91 0.00	45.74 -1.32 0.04	40.55 -0.88 0.31	42.69 -1.47 0.42	40.75 -1.36 0.34	40.27 -1.39 0.36	39.65 -1.32 0.35	39.90 -1.59 0.32	41.69 -1.52 0.27	49.63 -1.55 0.50	82.59 -2.51 -1.45	59.82 -1.64 -2.91	43.14 -0.93 -3.47	39.62 -0.94 -4.43	36.36 -1.08 -3.55	35.23 -1.22 -2.52	36.12 -1.09 -1.03
ROCHESTER_9_IC 23652	31.74 -0.19 0.00	30.77 -0.15 0.00	30.40 -0.12 0.00	30.03 -0.18 0.00	30.31 -0.18 0.00	33.20 -0.23 0.00	42.20 -0.86 0.00	49.96 -1.60 0.00	46.11 -0.94 0.04	40.89 -0.54 0.31	43.05 -1.11 0.42	41.04 -1.06 0.34	40.56 -1.09 0.36	39.94 -1.03 0.35	40.19 -1.30 0.33	42.03 -1.17 0.27	50.05 -1.14 0.50	83.35 -1.76 -1.46	60.30 -1.17 -2.92	43.48 -0.61 -3.49	39.89 -0.69 -4.45	36.62 -0.85 -3.56	35.48 -0.98 -2.53	36.34 -0.87 -1.04
ROCKVIEW_13_KV_LD 356306	33.52 1.60 0.00	32.37 1.45 0.00	31.92 1.40 0.00	31.57 1.36 0.00	31.90 1.40 0.00	35.31 1.87 0.00	45.91 2.84 0.00	54.54 2.99 0.00	50.93 2.83 -1.00	49.98 3.09 -5.15	54.90 3.25 -7.06	51.34 3.18 -5.71	51.25 3.23 -6.01	50.39 3.22 -5.85	50.60 3.35 -5.44	51.34 3.35 -4.52	64.03 3.98 -8.37	110.54 5.44 -21.46	86.73 3.86 -24.31	65.24 2.68 -21.96	57.34 2.31 -18.90	51.24 2.20 -15.14	47.13 2.44 -10.76	43.15 2.57 -4.41
ROME___115KV_TB2 80656	33.14 1.21 0.00	32.10 1.17 0.00	31.65 1.13 0.00	31.27 1.06 0.00	31.66 1.16 0.00	34.77 1.34 0.00	45.00 1.94 0.00	54.03 2.47 0.00	49.45 2.35 0.00	43.91 2.17 0.00	46.86 2.27 0.00	44.57 2.12 0.00	44.03 2.02 0.00	43.34 2.02 0.00	43.86 2.05 0.00	45.83 2.35 0.00	54.79 3.10 0.00	89.10 4.60 -0.85	63.02 3.10 -1.36	44.29 2.19 -1.50	39.67 1.81 -1.74	36.89 1.59 -1.39	36.25 1.32 -0.99	37.99 1.41 -0.41
ROSETON___1 23587	33.21 1.28 0.00	32.10 1.17 0.00	31.65 1.13 0.00	31.30 1.09 0.00	31.68 1.19 0.00	34.91 1.47 0.00	45.30 2.24 0.00	53.77 2.22 0.00	49.77 1.98 -0.70	47.68 2.34 -3.61	52.12 2.58 -4.95	48.95 2.50 -4.00	48.78 2.56 -4.21	47.94 2.52 -4.10	48.26 2.64 -3.81	49.30 2.65 -3.16	60.70 3.15 -5.86	104.18 4.01 -16.51	81.76 2.87 -20.35	62.10 2.03 -19.47	56.47 1.73 -18.61	50.50 1.69 -14.91	46.43 1.90 -10.59	42.54 2.02 -4.34
ROSETON___2 23588	33.21 1.28 0.00	32.10 1.17 0.00	31.65 1.13 0.00	31.30 1.09 0.00	31.68 1.19 0.00	34.91 1.47 0.00	45.30 2.24 0.00	53.77 2.22 0.00	49.77 1.98 -0.70	47.68 2.34 -3.61	52.12 2.58 -4.95	48.95 2.50 -4.00	48.78 2.56 -4.21	47.94 2.52 -4.10	48.26 2.64 -3.81	49.30 2.65 -3.16	60.70 3.15 -5.86	104.18 4.01 -16.51	81.76 2.87 -20.35	62.10 2.03 -19.47	56.47 1.73 -18.61	50.50 1.69 -14.91	46.43 1.90 -10.59	42.54 2.02 -4.34
ROTTDRAM_115KV_TB3 80664	32.79 0.86 0.00	31.76 0.83 0.00	31.34 0.82 0.00	31.00 0.79 0.00	31.32 0.82 0.00	34.44 1.00 0.00	44.62 1.55 0.00	53.15 1.60 0.00	48.82 1.46 -0.26	44.74 1.67 -1.33	48.46 2.05 -1.82	45.79 1.87 -1.47	45.41 1.85 -1.55	44.69 1.86 -1.51	45.10 1.88 -1.40	46.64 2.00 -1.16	56.22 2.38 -2.16	117.58 3.60 -30.34	106.97 2.52 -45.90	91.53 1.79 -49.15	93.14 1.63 -55.38	79.79 1.53 -44.36	67.02 1.56 -31.52	50.79 1.70 -12.92

RUSSELL___1 23602	31.86 -0.06 0.00	30.86 -0.06 0.00	30.52 0.00 0.00	30.15 -0.06 0.00	30.44 -0.06 0.00	33.34 -0.10 0.00	42.42 -0.65 0.00	50.27 -1.29 0.00	46.35 -0.71 0.04	41.10 -0.33 0.31	43.27 -0.89 0.42	41.30 -0.81 0.34	40.81 -0.84 0.36	40.18 -0.79 0.35	40.44 -1.05 0.33	42.25 -0.96 0.27	50.36 -0.83 0.50	83.85 -1.25 -1.46	60.71 -0.76 -2.92	43.76 -0.32 -3.49	40.10 -0.47 -4.45	36.79 -0.68 -3.56	35.65 -0.81 -2.53	36.48 -0.72 -1.04
RUSSELL___2 23532	31.86 -0.06 0.00	30.86 -0.06 0.00	30.52 0.00 0.00	30.15 -0.06 0.00	30.44 -0.06 0.00	33.34 -0.10 0.00	42.42 -0.65 0.00	50.27 -1.29 0.00	46.35 -0.71 0.04	41.10 -0.33 0.31	43.27 -0.89 0.42	41.30 -0.81 0.34	40.81 -0.84 0.36	40.18 -0.79 0.35	40.44 -1.05 0.33	42.25 -0.96 0.27	50.36 -0.83 0.50	83.85 -1.25 -1.46	60.71 -0.76 -2.92	43.76 -0.32 -3.49	40.10 -0.47 -4.45	36.79 -0.68 -3.56	35.65 -0.81 -2.53	36.48 -0.72 -1.04
RUSSELL___3 23549	31.86 -0.06 0.00	30.86 -0.06 0.00	30.52 0.00 0.00	30.15 -0.06 0.00	30.44 -0.06 0.00	33.34 -0.10 0.00	42.42 -0.65 0.00	50.27 -1.29 0.00	46.35 -0.71 0.04	41.10 -0.33 0.31	43.27 -0.89 0.42	41.30 -0.81 0.34	40.81 -0.84 0.36	40.18 -0.79 0.35	40.44 -1.05 0.33	42.25 -0.96 0.27	50.36 -0.83 0.50	83.85 -1.25 -1.46	60.71 -0.76 -2.92	43.76 -0.32 -3.49	40.10 -0.47 -4.45	36.79 -0.68 -3.56	35.65 -0.81 -2.53	36.48 -0.72 -1.04
RUSSELL___4 23556	31.86 -0.06 0.00	30.86 -0.06 0.00	30.52 0.00 0.00	30.15 -0.06 0.00	30.44 -0.06 0.00	33.34 -0.10 0.00	42.42 -0.65 0.00	50.27 -1.29 0.00	46.35 -0.71 0.04	41.10 -0.33 0.31	43.27 -0.89 0.42	41.30 -0.81 0.34	40.81 -0.84 0.36	40.18 -0.79 0.35	40.44 -1.05 0.33	42.25 -0.96 0.27	50.36 -0.83 0.50	83.85 -1.25 -1.46	60.71 -0.76 -2.92	43.76 -0.32 -3.49	40.10 -0.47 -4.45	36.79 -0.68 -3.56	35.65 -0.81 -2.53	36.48 -0.72 -1.04
RUSSELL___STATION 23914	31.86 -0.06 0.00	30.86 -0.06 0.00	30.52 0.00 0.00	30.15 -0.06 0.00	30.44 -0.06 0.00	33.34 -0.10 0.00	42.42 -0.65 0.00	50.27 -1.29 0.00	46.35 -0.71 0.04	41.10 -0.33 0.31	43.27 -0.89 0.42	41.30 -0.81 0.34	40.81 -0.84 0.36	40.18 -0.79 0.35	40.44 -1.05 0.33	42.25 -0.96 0.27	50.36 -0.83 0.50	83.85 -1.25 -1.46	60.71 -0.76 -2.92	43.76 -0.32 -3.49	40.10 -0.47 -4.45	36.79 -0.68 -3.56	35.65 -0.81 -2.53	36.48 -0.72 -1.04
S SALMON___HYD 24043	31.20 -0.73 0.00	30.18 -0.74 0.00	29.79 -0.73 0.00	29.46 -0.75 0.00	29.76 -0.73 0.00	32.63 -0.80 0.00	42.03 -1.03 0.00	50.11 -1.44 0.00	45.79 -1.27 0.04	40.56 -0.96 0.22	43.03 -1.25 0.31	41.01 -1.19 0.25	40.57 -1.18 0.26	39.95 -1.11 0.25	40.45 -1.13 0.24	42.28 -1.00 0.20	50.44 -0.88 0.36	83.55 -1.17 -1.08	59.78 -0.82 -2.05	42.48 -0.53 -2.40	38.60 -0.54 -3.01	35.77 -0.75 -2.41	34.90 -0.75 -1.71	36.11 -0.76 -0.70
S.PERRY___115KV_TB1 80734	33.21 1.28 0.00	32.16 1.24 0.00	31.77 1.25 0.00	31.39 1.18 0.00	31.66 1.16 0.00	34.71 1.27 0.00	44.27 1.21 0.00	52.48 0.93 0.00	48.32 1.27 0.05	42.68 1.29 0.35	44.77 0.67 0.48	42.99 0.93 0.39	42.53 0.92 0.41	41.91 0.99 0.40	42.20 0.75 0.37	42.74 -0.43 0.31	51.27 0.16 0.57	85.97 0.42 -1.90	62.67 0.41 -3.71	45.52 0.53 -4.40	41.94 0.25 -5.56	39.40 1.05 -4.45	37.84 0.75 -3.16	38.48 1.01 -1.30
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.06 0.13 0.00	31.20 0.28 0.00	30.89 0.37 0.00	30.49 0.27 0.00	30.77 0.27 0.00	33.57 0.13 0.00	41.86 -1.21 0.00	49.08 -2.47 0.00	45.21 -1.84 0.05	40.19 -1.21 0.34	41.98 -2.14 0.46	40.03 -2.04 0.37	39.52 -2.10 0.39	38.95 -1.98 0.38	39.07 -2.38 0.36	40.92 -2.26 0.30	48.50 -2.64 0.55	80.97 -4.43 -1.75	59.13 -2.87 -3.45	43.03 -1.66 -4.09	39.76 -1.55 -5.19	36.33 -1.73 -4.16	35.09 -1.80 -2.95	36.19 -1.19 -1.21
SAWYER___23_KV_LOAD 55526	32.06 0.13 0.00	31.20 0.28 0.00	30.89 0.37 0.00	30.49 0.27 0.00	30.77 0.27 0.00	33.57 0.13 0.00	41.86 -1.21 0.00	49.08 -2.47 0.00	45.21 -1.84 0.05	40.19 -1.21 0.34	41.98 -2.14 0.46	40.03 -2.04 0.37	39.52 -2.10 0.39	38.95 -1.98 0.38	39.07 -2.38 0.36	40.92 -2.26 0.30	48.50 -2.64 0.55	80.97 -4.43 -1.75	59.13 -2.87 -3.45	43.03 -1.66 -4.09	39.76 -1.55 -5.19	36.33 -1.73 -4.16	35.09 -1.80 -2.95	36.19 -1.19 -1.21
SELKIRK___I 23801	32.53 0.61 0.00	31.54 0.62 0.00	31.19 0.67 0.00	30.82 0.60 0.00	31.17 0.67 0.00	34.14 0.70 0.00	44.18 1.12 0.00	52.53 0.98 0.00	48.34 0.99 -0.25	44.29 1.25 -1.30	48.46 2.10 -1.78	45.84 1.95 -1.44	45.46 1.93 -1.51	44.74 1.94 -1.47	45.15 1.97 -1.37	46.70 2.09 -1.14	56.27 2.48 -2.11	106.49 3.77 -19.07	88.90 2.64 -27.72	71.62 1.91 -29.11	69.88 1.77 -31.98	61.15 1.63 -25.62	53.84 1.70 -18.20	45.51 1.88 -7.46
SELKIRK___II 23799	32.28 0.35 0.00	31.29 0.37 0.00	30.92 0.40 0.00	30.58 0.36 0.00	30.92 0.43 0.00	33.87 0.43 0.00	43.88 0.82 0.00	52.18 0.62 0.00	48.07 0.71 -0.26	44.10 1.00 -1.36	48.24 1.79 -1.87	45.66 1.70 -1.51	45.28 1.68 -1.59	44.56 1.69 -1.55	45.01 1.76 -1.44	46.50 1.83 -1.20	56.02 2.12 -2.22	106.64 3.10 -19.89	89.63 2.22 -28.85	72.46 1.58 -30.27	70.80 1.45 -33.22	61.87 1.36 -26.61	54.27 1.43 -18.91	45.48 1.55 -7.75
SENECA OSWGO___HYD 24041	31.32 -0.61 0.00	30.33 -0.59 0.00	29.94 -0.58 0.00	29.61 -0.60 0.00	29.92 -0.58 0.00	32.77 -0.67 0.00	42.16 -0.91 0.00	50.16 -1.39 0.00	45.82 -1.22 0.05	40.65 -0.83 0.25	43.17 -1.07 0.35	41.19 -0.97 0.28	40.75 -0.96 0.29	40.08 -0.95 0.29	40.55 -1.00 0.27	42.30 -0.96 0.22	50.35 -0.93 0.41	83.62 -1.25 -1.23	60.06 -0.82 -2.33	42.80 -0.53 -2.73	39.04 -0.51 -3.42	36.13 -0.51 -2.74	35.20 -0.68 -1.94	36.32 -0.65 -0.80
SENECA___115KV_TB3 355854	32.69 0.77 0.00	31.85 0.93 0.00	31.50 0.98 0.00	31.09 0.88 0.00	31.35 0.85 0.00	34.24 0.80 0.00	42.76 -0.30 0.00	50.21 -1.34 0.00	46.20 -0.85 0.05	41.02 -0.38 0.34	42.87 -1.25 0.47	40.92 -1.15 0.38	40.35 -1.26 0.40	39.81 -1.12 0.39	39.91 -1.55 0.36	41.79 -1.39 0.30	49.58 -1.55 0.56	82.93 -2.51 -1.79	60.50 -1.58 -3.53	44.01 -0.77 -4.19	40.63 -0.79 -5.30	37.10 -1.05 -4.25	35.83 -1.12 -3.02	36.90 -0.51 -1.24
SENECA___ENERGY 23797	31.86 -0.06 0.00	30.86 -0.06 0.00	30.49 -0.03 0.00	30.15 -0.06 0.00	30.50 0.00 0.00	33.44 0.00 0.00	42.89 -0.17 0.00	51.09 -0.46 0.00	46.66 -0.38 0.06	41.47 0.04 0.31	43.72 -0.45 0.42	41.81 -0.30 0.34	41.36 -0.29 0.36	40.69 -0.29 0.35	41.03 -0.46 0.32	42.82 -0.39 0.27	50.98 -0.21 0.50	85.21 -0.08 -1.65	61.72 0.06 -3.12	44.37 0.12 -3.65	40.87 0.18 -4.56	37.49 -0.07 -3.65	36.22 -0.31 -2.60	37.09 -0.14 -1.06
SHOEMAKER___GT 23640	32.95 1.02 0.00	31.85 0.93 0.00	31.47 0.95 0.00	31.09 0.88 0.00	31.47 0.98 0.00	34.61 1.17 0.00	44.87 1.81 0.00	53.25 1.70 0.00	47.42 1.51 1.18	37.42 1.79 6.11	38.17 1.96 8.38	37.59 1.91 6.77	36.86 1.97 7.13	36.32 1.94 6.94	37.41 2.05 6.45	40.21 2.09 5.36	44.29 2.53 9.93	80.16 3.18 6.67	62.67 2.34 -1.77	50.05 1.63 -7.83	54.84 1.37 -17.34	49.15 1.36 -13.89	45.29 1.49 -9.87	41.84 1.63 -4.05

SHOEMAKR_138KV_BK 111 55601	32.95 1.02 0.00	31.85 0.93 0.00	31.44 0.92 0.00	31.09 0.88 0.00	31.41 0.91 0.00	34.57 1.14 0.00	44.79 1.72 0.00	53.26 1.70 0.00	47.50 1.51 1.10	37.57 1.79 5.96	38.33 1.92 8.17	37.71 1.87 6.60	36.99 1.93 6.95	36.49 1.94 6.77	37.57 2.05 6.29	40.30 2.04 5.22	44.43 2.43 9.68	81.13 3.09 5.62	63.39 2.28 -2.55	50.40 1.54 -8.26	54.74 1.37 -17.24	49.04 1.32 -13.81	45.24 1.49 -9.81	41.82 1.63 -4.02
SHOREHAM_IC_1 23715	35.36 3.42 -0.01	33.92 3.00 0.00	33.36 2.84 0.00	32.93 2.72 0.00	33.49 2.99 0.00	37.26 3.81 -0.01	49.76 5.34 -1.35	56.25 4.69 0.00	52.57 4.48 -0.99	51.67 4.80 -5.14	59.14 5.66 -8.89	55.87 5.39 -8.03	53.26 5.25 -6.00	58.76 5.21 -12.24	59.09 5.52 -11.76	62.14 5.57 -13.10	70.79 6.72 -12.39	114.30 10.29 -20.36	111.48 7.38 -45.55	78.91 5.07 -33.24	77.92 4.33 -37.46	63.46 4.10 -25.46	57.00 4.58 -18.49	48.49 4.88 -7.44
SHOREHAM_IC_2 23716	35.36 3.42 -0.01	33.92 3.00 0.00	33.36 2.84 0.00	32.93 2.72 0.00	33.49 2.99 0.00	37.26 3.81 -0.01	49.76 5.34 -1.35	56.25 4.69 0.00	52.57 4.48 -0.99	51.67 4.80 -5.14	59.14 5.66 -8.89	55.87 5.39 -8.03	53.26 5.25 -6.00	58.76 5.21 -12.24	59.09 5.52 -11.76	62.14 5.57 -13.10	70.79 6.72 -12.39	114.30 10.29 -20.36	111.48 7.38 -45.55	78.91 5.07 -33.24	77.92 4.33 -37.46	63.46 4.10 -25.46	57.00 4.58 -18.49	48.49 4.88 -7.44
SISSONVILLE____ 23735	32.22 0.29 0.00	31.23 0.31 0.00	30.77 0.24 0.00	30.67 0.45 0.00	30.77 0.27 0.00	33.07 -0.37 0.00	42.51 -0.56 0.00	51.55 0.00 0.00	46.91 -0.19 0.00	40.90 -0.83 0.00	43.83 -0.76 0.00	41.68 -0.76 0.00	41.17 -0.84 0.00	40.53 -0.79 0.00	41.06 -0.75 0.00	42.61 -0.87 0.00	50.44 -1.24 0.00	82.14 -1.51 0.00	57.26 -1.29 0.00	39.75 -0.85 0.00	35.62 -0.51 0.00	33.73 -0.17 0.00	33.80 -0.14 0.00	36.03 -0.14 0.00
SITHE_IND_GS1 24169	30.78 -1.15 0.00	29.81 -1.11 0.00	29.42 -1.10 0.00	29.13 -1.09 0.00	29.43 -1.07 0.00	32.23 -1.20 0.00	41.47 -1.59 0.00	49.34 -2.22 0.00	45.08 -1.98 0.04	39.93 -1.59 0.22	42.45 -1.83 0.31	40.50 -1.70 0.25	40.07 -1.68 0.26	39.41 -1.65 0.25	39.86 -1.72 0.24	41.54 -1.74 0.20	49.36 -1.96 0.36	81.66 -3.01 -1.02	58.45 -2.05 -1.95	41.51 -1.38 -2.29	37.73 -1.27 -2.87	34.98 -1.22 -2.30	34.28 -1.29 -1.63	35.54 -1.30 -0.67
SITHE_IND_GS2 24170	30.78 -1.15 0.00	29.81 -1.11 0.00	29.42 -1.10 0.00	29.13 -1.09 0.00	29.43 -1.07 0.00	32.23 -1.20 0.00	41.47 -1.59 0.00	49.34 -2.22 0.00	45.08 -1.98 0.04	39.93 -1.59 0.22	42.45 -1.83 0.31	40.50 -1.70 0.25	40.07 -1.68 0.26	39.41 -1.65 0.25	39.86 -1.72 0.24	41.54 -1.74 0.20	49.36 -1.96 0.36	81.66 -3.01 -1.02	58.45 -2.05 -1.95	41.51 -1.38 -2.29	37.73 -1.27 -2.87	34.98 -1.22 -2.30	34.28 -1.29 -1.63	35.54 -1.30 -0.67
SITHE_IND_GS3 24171	30.78 -1.15 0.00	29.81 -1.11 0.00	29.42 -1.10 0.00	29.13 -1.09 0.00	29.43 -1.07 0.00	32.23 -1.20 0.00	41.47 -1.59 0.00	49.34 -2.22 0.00	45.08 -1.98 0.04	39.93 -1.59 0.22	42.45 -1.83 0.31	40.50 -1.70 0.25	40.07 -1.68 0.26	39.41 -1.65 0.25	39.86 -1.72 0.24	41.54 -1.74 0.20	49.36 -1.96 0.36	81.66 -3.01 -1.02	58.45 -2.05 -1.95	41.51 -1.38 -2.29	37.73 -1.27 -2.87	34.98 -1.22 -2.30	34.28 -1.29 -1.63	35.54 -1.30 -0.67
SITHE_IND_GS4 24172	30.78 -1.15 0.00	29.81 -1.11 0.00	29.42 -1.10 0.00	29.13 -1.09 0.00	29.43 -1.07 0.00	32.23 -1.20 0.00	41.47 -1.59 0.00	49.34 -2.22 0.00	45.08 -1.98 0.04	39.93 -1.59 0.22	42.45 -1.83 0.31	40.50 -1.70 0.25	40.07 -1.68 0.26	39.41 -1.65 0.25	39.86 -1.72 0.24	41.54 -1.74 0.20	49.36 -1.96 0.36	81.66 -3.01 -1.02	58.45 -2.05 -1.95	41.51 -1.38 -2.29	37.73 -1.27 -2.87	34.98 -1.22 -2.30	34.28 -1.29 -1.63	35.54 -1.30 -0.67
SITHE____BATAVIA 24024	32.44 0.51 0.00	31.51 0.59 0.00	31.13 0.61 0.00	30.85 0.64 0.00	31.05 0.55 0.00	33.90 0.47 0.00	42.50 -0.56 0.00	50.27 -1.29 0.00	46.09 -0.94 0.06	41.04 -0.38 0.32	42.71 -1.43 0.44	40.82 -1.27 0.36	40.29 -1.35 0.38	39.71 -1.24 0.37	39.93 -1.55 0.34	41.85 -1.35 0.28	49.81 -1.34 0.53	83.47 -1.92 -1.75	60.51 -1.34 -3.30	43.73 -0.73 -3.86	40.23 -0.72 -4.83	36.58 -1.19 -3.87	35.56 -1.12 -2.75	36.76 -0.54 -1.13
SITHE____INDEPEND 23800	30.78 -1.15 0.00	29.81 -1.11 0.00	29.42 -1.10 0.00	29.13 -1.09 0.00	29.40 -1.10 0.00	32.23 -1.20 0.00	41.43 -1.64 0.00	49.29 -2.27 0.00	45.17 -1.93 0.00	39.97 -1.54 0.22	42.50 -1.78 0.31	40.50 -1.70 0.25	40.07 -1.68 0.26	39.41 -1.65 0.25	39.86 -1.71 0.24	41.54 -1.74 0.20	49.36 -1.96 0.36	81.52 -3.01 -0.88	58.34 -2.05 -1.84	41.44 -1.38 -2.22	37.73 -1.26 -2.87	34.98 -1.22 -2.30	34.28 -1.29 -1.63	35.50 -1.34 -0.67
SITHE____MASSENA 23902	32.34 0.41 0.00	31.39 0.46 0.00	30.92 0.40 0.00	30.82 0.60 0.00	30.77 0.27 0.00	33.67 0.24 0.00	43.28 0.22 0.00	52.38 0.82 0.00	47.67 0.57 0.00	41.61 -0.12 0.00	44.45 -0.13 0.00	42.28 -0.17 0.00	41.80 -0.21 0.00	41.15 -0.16 0.00	41.61 -0.21 0.00	43.18 -0.30 0.00	51.17 -0.52 0.00	83.48 -0.17 0.00	58.32 -0.23 0.00	40.44 -0.16 0.00	36.05 -0.07 0.00	33.94 0.03 0.00	33.97 0.03 0.00	36.17 0.00 0.00
SITHE____OGDNSBRG 24021	32.79 0.86 0.00	31.79 0.87 0.00	31.31 0.79 0.00	31.21 1.00 0.00	31.44 0.95 0.00	34.00 0.57 0.00	43.84 0.78 0.00	53.15 1.60 0.00	48.37 1.27 0.00	42.16 0.42 0.00	45.03 0.45 0.00	42.79 0.34 0.00	42.26 0.25 0.00	41.65 0.33 0.00	42.19 0.38 0.00	43.78 0.30 0.00	52.05 0.36 0.00	84.74 1.09 0.00	59.19 0.64 0.00	41.09 0.49 0.00	36.67 0.54 0.00	34.51 0.61 0.00	34.51 0.58 0.00	36.75 0.58 0.00
SITHE____STERLING 23777	32.85 0.93 0.00	31.82 0.90 0.00	31.41 0.89 0.00	31.06 0.84 0.00	31.41 0.91 0.00	34.51 1.07 0.00	44.66 1.59 0.00	53.51 1.96 0.00	48.93 1.83 0.00	43.49 1.75 0.00	46.41 1.83 0.00	44.15 1.70 0.00	43.65 1.64 0.00	42.93 1.61 0.00	43.44 1.63 0.00	45.35 1.87 0.00	54.16 2.48 0.00	88.26 3.59 -1.01	62.57 2.40 -1.62	44.08 1.70 -1.78	39.60 1.41 -2.06	36.74 1.19 -1.65	36.13 1.02 -1.17	37.77 1.12 -0.48
SLEIGHT__34_KV_TB1 80719	31.55 -0.38 0.00	30.55 -0.37 0.00	30.15 -0.37 0.00	29.82 -0.39 0.00	30.10 -0.40 0.00	33.04 -0.40 0.00	42.38 -0.69 0.00	50.37 -1.19 0.00	46.35 -0.71 0.04	41.06 -0.38 0.30	43.37 -0.80 0.42	41.39 -0.72 0.34	40.90 -0.76 0.35	40.23 -0.74 0.34	40.58 -0.92 0.32	42.39 -0.83 0.27	50.52 -0.67 0.49	84.25 -0.84 -1.44	60.84 -0.59 -2.88	43.75 -0.28 -3.44	40.11 -0.40 -4.38	36.83 -0.58 -3.51	35.65 -0.78 -2.49	36.47 -0.72 -1.02
SOUTH CAIRO____GT 23612	33.21 1.28 0.00	32.16 1.24 0.00	31.86 1.34 0.00	31.42 1.21 0.00	31.84 1.34 0.00	34.71 1.27 0.00	45.13 2.07 0.00	53.56 2.01 0.00	49.52 2.21 -0.21	44.90 2.09 -1.08	49.09 3.03 -1.48	46.53 2.89 -1.19	46.12 2.86 -1.25	45.35 2.81 -1.22	45.92 2.97 -1.14	47.82 3.39 -0.94	57.67 4.24 -1.75	107.36 6.10 -17.61	89.07 4.57 -25.95	71.09 3.05 -27.44	69.27 2.71 -30.43	60.65 2.37 -24.37	53.53 2.27 -17.32	45.84 2.57 -7.10

SOUTH HAMPTN___IC 23720	35.70 3.77 -0.01	34.26 3.34 0.00	33.69 3.17 0.00	33.26 3.05 0.00	33.82 3.32 0.00	37.66 4.21 -0.01	50.32 5.90 -1.35	56.92 5.36 0.00	53.18 5.09 -0.99	52.22 5.34 -5.14	59.71 6.24 -8.88	56.42 5.94 -8.03	53.81 5.80 -6.00	59.29 5.74 -12.23	59.63 6.06 -11.75	62.69 6.13 -13.08	71.50 7.49 -12.33	115.47 11.46 -20.36	112.33 8.26 -45.52	79.51 5.68 -33.22	78.40 4.84 -37.43	63.91 4.57 -25.43	57.40 4.99 -18.48	48.96 5.35 -7.44
SOUTHDOW_115KV_TB1 355954	34.13 2.20 0.00	33.24 2.32 0.00	32.87 2.35 0.00	32.45 2.24 0.00	32.72 2.23 0.00	35.81 2.37 0.00	45.00 1.94 0.00	53.05 1.50 0.00	48.60 1.55 0.05	43.14 1.75 0.35	45.04 0.94 0.48	42.99 0.93 0.39	42.40 0.80 0.41	41.79 0.87 0.40	41.91 0.46 0.37	43.91 0.74 0.31	52.25 1.14 0.57	87.70 2.17 -1.87	63.80 1.58 -3.67	46.33 1.38 -4.35	42.71 1.08 -5.50	38.88 0.58 -4.41	37.37 0.31 -3.13	38.43 0.98 -1.28
SOUTHOLD_69_KV_BK 2 55809	36.22 4.28 -0.01	34.85 3.93 0.00	34.24 3.72 0.00	33.87 3.66 0.00	34.34 3.84 0.00	38.23 4.78 -0.01	51.01 6.59 -1.35	57.95 6.39 0.00	54.41 6.31 -1.00	52.97 6.09 -5.14	60.43 6.96 -8.88	57.10 6.62 -8.03	54.48 6.47 -6.00	60.07 6.53 -12.23	60.30 6.73 -11.75	63.52 6.96 -13.09	72.44 8.42 -12.33	118.38 13.30 -21.43	114.50 9.60 -46.35	80.90 6.58 -33.72	79.23 5.67 -37.43	64.63 5.29 -25.44	58.01 5.60 -18.48	49.61 6.00 -7.44
SOUTHOLD___IC 23719	36.22 4.28 -0.01	34.75 3.83 0.00	34.18 3.66 0.00	33.75 3.53 0.00	34.31 3.81 0.00	38.23 4.78 -0.01	51.09 6.68 -1.35	57.89 6.34 0.00	54.02 5.93 -0.99	52.97 6.09 -5.14	60.47 7.00 -8.88	57.14 6.66 -8.03	54.48 6.47 -6.00	59.95 6.40 -12.23	60.34 6.77 -11.75	63.52 6.95 -13.09	72.54 8.53 -12.33	117.31 13.30 -20.36	113.67 9.60 -45.52	80.44 6.62 -33.22	79.23 5.67 -37.43	64.62 5.29 -25.44	58.05 5.63 -18.48	49.61 6.01 -7.44
SOUTH_FORK_WT_PWR 323839	36.31 4.37 -0.01	34.82 3.90 0.00	34.24 3.72 0.00	33.81 3.59 0.00	34.37 3.87 0.00	38.29 4.85 -0.01	51.18 6.76 -1.35	58.00 6.44 0.00	54.12 6.03 -0.99	53.05 6.18 -5.14	60.56 7.09 -8.88	57.22 6.75 -8.03	54.56 6.55 -6.00	60.03 6.49 -12.23	60.42 6.86 -11.75	63.61 7.04 -13.08	72.64 8.63 -12.33	117.48 13.47 -20.36	113.79 9.72 -45.52	80.52 6.70 -33.22	79.30 5.74 -37.43	64.69 5.35 -25.44	58.11 5.70 -18.48	49.68 6.07 -7.44
SPIERFLS_115KV_TB 1 80737	32.92 0.99 0.00	31.91 0.99 0.00	31.56 1.04 0.00	31.15 0.94 0.00	31.50 1.01 0.00	34.71 1.27 0.00	45.18 2.11 0.00	53.82 2.27 0.00	49.54 2.17 -0.27	45.47 2.34 -1.39	49.30 2.81 -1.91	46.19 2.21 -1.54	45.52 1.89 -1.62	44.76 1.86 -1.58	45.12 1.84 -1.47	46.78 2.09 -1.22	56.63 2.69 -2.26	117.25 4.27 -29.34	105.72 2.99 -44.18	89.88 2.07 -47.21	90.95 1.77 -53.05	78.23 1.83 -42.49	65.86 1.73 -30.19	50.65 2.10 -12.38
ST LAWRENCE___ 23600	32.06 0.13 0.00	31.04 0.12 0.00	30.64 0.12 0.00	30.40 0.18 0.00	30.53 0.03 0.00	33.44 0.00 0.00	42.94 -0.13 0.00	51.76 0.21 0.00	47.14 0.05 0.00	41.32 -0.42 0.00	44.10 -0.49 0.00	41.94 -0.51 0.00	41.46 -0.55 0.00	40.83 -0.49 0.00	41.27 -0.54 0.00	42.83 -0.65 0.00	50.81 -0.88 0.00	82.81 -0.84 0.00	57.91 -0.64 0.00	40.11 -0.49 0.00	35.77 -0.36 0.00	33.60 -0.31 0.00	33.66 -0.27 0.00	35.81 -0.36 0.00
STATE_CA_115KV_115_LB 55624	32.22 0.29 0.00	31.26 0.34 0.00	30.89 0.37 0.00	30.55 0.33 0.00	30.83 0.34 0.00	33.84 0.40 0.00	43.84 0.78 0.00	52.17 0.62 0.00	48.03 0.66 -0.27	44.20 1.09 -1.38	48.70 2.23 -1.89	46.05 2.08 -1.53	45.72 2.10 -1.61	44.95 2.07 -1.57	45.40 2.13 -1.45	46.95 2.26 -1.21	56.56 2.64 -2.24	111.33 4.02 -23.67	96.51 2.81 -35.15	79.89 1.99 -37.30	79.49 1.81 -41.56	68.85 1.66 -33.29	59.29 1.70 -23.66	47.71 1.84 -9.70
STATE_ST_34_KV_LOAD 55959	31.99 0.06 0.00	30.95 0.03 0.00	30.55 0.03 0.00	30.24 0.03 0.00	30.53 0.03 0.00	33.54 0.10 0.00	43.24 0.17 0.00	51.55 0.00 0.00	47.24 0.19 0.04	41.81 0.38 0.30	44.35 0.18 0.41	42.28 0.17 0.34	41.83 0.17 0.35	41.14 0.17 0.34	41.58 0.08 0.32	43.34 0.13 0.27	51.61 0.41 0.49	85.99 0.84 -1.51	62.31 0.76 -3.00	44.73 0.57 -3.56	41.05 0.40 -4.53	37.80 0.27 -3.63	36.55 0.03 -2.58	37.34 0.11 -1.06
STATION 5_MISC_HYD 23604	31.74 -0.19 0.00	30.77 -0.15 0.00	30.40 -0.12 0.00	30.09 -0.12 0.00	30.34 -0.15 0.00	33.17 -0.27 0.00	42.20 -0.86 0.00	50.06 -1.50 0.00	45.91 -1.13 0.06	40.85 -0.58 0.31	42.87 -1.29 0.42	40.96 -1.14 0.34	40.48 -1.18 0.36	39.86 -1.11 0.35	40.15 -1.34 0.33	41.99 -1.22 0.27	50.00 -1.19 0.50	83.49 -1.76 -1.61	60.42 -1.17 -3.04	43.51 -0.65 -3.56	39.96 -0.61 -4.45	36.51 -0.95 -3.56	35.35 -1.12 -2.53	36.34 -0.87 -1.04
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.02 0.10 0.00	31.01 0.09 0.00	30.64 0.12 0.00	30.27 0.06 0.00	30.56 0.06 0.00	33.54 0.10 0.00	42.94 -0.13 0.00	51.04 -0.52 0.00	46.96 -0.09 0.04	41.60 0.17 0.31	43.90 -0.27 0.42	41.94 -0.17 0.34	41.45 -0.21 0.36	40.77 -0.22 0.35	41.12 -0.38 0.32	42.91 -0.30 0.27	51.19 0.00 0.50	85.27 0.17 -1.46	61.64 0.18 -2.92	44.37 0.28 -3.48	40.64 0.07 -4.44	37.35 -0.10 -3.55	36.12 -0.34 -2.53	36.95 -0.25 -1.04
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.51 -0.42 0.00	30.52 -0.40 0.00	30.19 -0.34 0.00	29.82 -0.39 0.00	30.10 -0.40 0.00	32.97 -0.47 0.00	41.99 -1.08 0.00	49.75 -1.80 0.00	45.88 -1.18 0.04	40.68 -0.75 0.31	42.87 -1.29 0.42	40.92 -1.19 0.34	40.43 -1.22 0.36	39.77 -1.20 0.35	40.07 -1.42 0.32	41.86 -1.35 0.27	49.84 -1.34 0.50	83.09 -2.01 -1.45	60.11 -1.35 -2.91	43.34 -0.73 -3.47	39.76 -0.79 -4.43	36.47 -0.98 -3.55	35.34 -1.12 -2.52	36.15 -1.05 -1.03
STA_56___34_KV_BUS2 355983	31.51 -0.42 0.00	30.52 -0.40 0.00	30.19 -0.34 0.00	29.82 -0.39 0.00	30.10 -0.40 0.00	32.97 -0.47 0.00	41.99 -1.08 0.00	49.75 -1.80 0.00	45.88 -1.18 0.04	40.68 -0.75 0.31	42.87 -1.29 0.42	40.92 -1.19 0.34	40.43 -1.22 0.36	39.77 -1.20 0.35	40.07 -1.42 0.32	41.86 -1.35 0.27	49.84 -1.34 0.50	83.09 -2.01 -1.45	60.11 -1.35 -2.91	43.34 -0.73 -3.47	39.76 -0.79 -4.43	36.47 -0.98 -3.55	35.34 -1.12 -2.52	36.15 -1.05 -1.03
STA_67___115KV_BK2 355882	31.67 -0.26 0.00	30.70 -0.22 0.00	30.34 -0.18 0.00	29.97 -0.24 0.00	30.25 -0.24 0.00	33.14 -0.30 0.00	42.12 -0.95 0.00	49.85 -1.70 0.00	45.97 -1.08 0.04	40.76 -0.67 0.31	42.91 -1.25 0.42	40.96 -1.15 0.34	40.48 -1.18 0.36	39.81 -1.16 0.35	40.11 -1.38 0.33	41.90 -1.30 0.27	49.89 -1.29 0.50	83.10 -2.01 -1.45	60.12 -1.35 -2.92	43.36 -0.73 -3.49	39.78 -0.79 -4.44	36.51 -0.95 -3.56	35.38 -1.09 -2.53	36.27 -0.94 -1.04
STA_7___115KV_9TRANS 80674	31.86 -0.06 0.00	30.86 -0.06 0.00	30.52 0.00 0.00	30.15 -0.06 0.00	30.44 -0.06 0.00	33.34 -0.10 0.00	42.42 -0.65 0.00	50.27 -1.29 0.00	46.35 -0.71 0.04	41.10 -0.33 0.31	43.27 -0.89 0.42	41.30 -0.81 0.34	40.81 -0.84 0.36	40.18 -0.79 0.35	40.44 -1.05 0.33	42.25 -0.96 0.27	50.36 -0.83 0.50	83.85 -1.25 -1.46	60.71 -0.76 -2.92	43.76 -0.32 -3.49	40.10 -0.47 -4.45	36.79 -0.68 -3.56	35.65 -0.81 -2.53	36.48 -0.72 -1.04

STA_82___115KV_TB1 80780	31.67 -0.26 0.00	30.70 -0.22 0.00	30.37 -0.15 0.00	30.00 -0.21 0.00	30.28 -0.21 0.00	33.17 -0.27 0.00	42.16 -0.90 0.00	49.90 -1.65 0.00	46.02 -1.04 0.04	40.80 -0.63 0.31	42.96 -1.20 0.42	40.96 -1.15 0.34	40.48 -1.18 0.36	39.85 -1.12 0.35	40.11 -1.38 0.33	41.90 -1.30 0.27	49.89 -1.29 0.50	83.10 -2.01 -1.46	60.19 -1.29 -2.93	43.41 -0.69 -3.50	39.83 -0.76 -4.46	36.56 -0.92 -3.57	35.42 -1.05 -2.54	36.27 -0.94 -1.04
STEEL___WIND 323596	32.66 0.73 0.00	31.82 0.90 0.00	31.47 0.95 0.00	31.15 0.94 0.00	31.38 0.88 0.00	34.17 0.73 0.00	42.77 -0.30 0.00	50.32 -1.24 0.00	45.95 -1.08 0.07	40.98 -0.42 0.34	42.60 -1.52 0.47	40.75 -1.32 0.38	40.23 -1.39 0.40	39.69 -1.24 0.39	39.82 -1.63 0.36	41.74 -1.43 0.30	49.47 -1.66 0.56	82.89 -2.68 -1.92	60.48 -1.70 -3.63	43.91 -0.93 -4.25	40.60 -0.83 -5.30	36.93 -1.22 -4.25	35.73 -1.22 -3.02	36.97 -0.43 -1.24
STEPHTWN_115KV_BK_2 55603	32.54 0.61 0.00	31.54 0.62 0.00	31.16 0.64 0.00	30.82 0.60 0.00	31.11 0.61 0.00	34.17 0.74 0.00	44.36 1.29 0.00	52.84 1.29 0.00	48.64 1.27 -0.27	44.79 1.67 -1.38	49.29 2.81 -1.90	46.61 2.63 -1.53	46.15 2.52 -1.61	45.37 2.48 -1.57	45.83 2.55 -1.46	47.47 2.78 -1.21	57.24 3.31 -2.25	110.26 5.19 -21.43	93.68 3.57 -31.56	76.48 2.52 -33.37	75.38 2.28 -36.98	65.63 2.10 -29.62	57.09 2.10 -21.05	46.97 2.17 -8.63
STEBEN_REC_LFGE 323667	33.88 1.95 0.00	32.90 1.98 0.00	32.50 1.98 0.00	32.15 1.93 0.00	32.39 1.89 0.00	35.51 2.07 0.00	45.05 1.98 0.00	53.41 1.86 0.00	48.92 1.88 0.06	43.36 2.00 0.39	45.39 1.34 0.53	43.34 1.32 0.43	42.70 1.13 0.45	42.04 1.16 0.44	42.24 0.84 0.41	44.01 0.87 0.34	52.50 1.45 0.63	88.18 2.26 -2.27	64.62 1.70 -4.38	47.22 1.46 -5.16	43.88 1.26 -6.48	40.18 1.08 -5.19	38.37 0.75 -3.69	38.95 1.27 -1.51
STILLWATER___SOLAR 323814	33.24 1.31 0.00	32.19 1.27 0.00	31.83 1.31 0.00	31.42 1.21 0.00	31.84 1.34 0.00	34.98 1.54 0.00	45.43 2.37 0.00	54.08 2.53 0.00	49.77 2.40 -0.27	45.66 2.50 -1.42	49.57 3.03 -1.95	46.70 2.68 -1.57	46.27 2.61 -1.66	45.50 2.56 -1.61	45.91 2.59 -1.50	47.51 2.79 -1.25	57.40 3.41 -2.31	117.95 5.19 -29.12	105.78 3.69 -43.54	89.52 2.56 -46.36	90.28 2.28 -51.88	77.63 2.17 -41.56	65.60 2.14 -29.53	50.70 2.42 -12.11
STONY___BROOK 24151	35.07 3.13 -0.01	33.64 2.72 0.00	33.08 2.56 0.00	32.66 2.45 0.00	33.21 2.71 0.00	36.89 3.44 -0.01	49.33 4.91 -1.36	55.78 4.23 0.00	52.14 4.05 -0.99	51.34 4.47 -5.14	58.78 5.30 -8.89	55.58 5.09 -8.04	53.01 5.00 -6.00	58.54 4.96 -12.26	58.83 5.23 -11.79	61.78 5.17 -13.13	70.43 6.20 -12.55	113.21 9.20 -20.36	110.81 6.61 -45.64	78.39 4.51 -33.29	77.52 3.87 -37.53	63.13 3.70 -25.53	56.66 4.21 -18.51	48.07 4.45 -7.45
STURGEON_POOL_HYD 23609	33.21 1.28 0.00	32.10 1.17 0.00	31.65 1.13 0.00	31.30 1.09 0.00	31.62 1.13 0.00	34.84 1.40 0.00	45.13 2.07 0.00	53.62 2.06 0.00	49.19 2.03 -0.06	44.39 2.25 -0.40	47.41 2.27 -0.55	45.14 2.25 -0.45	44.79 2.31 -0.47	44.05 2.27 -0.46	44.67 2.43 -0.43	46.31 2.48 -0.35	55.18 2.84 -0.65	98.14 2.93 -11.56	78.40 2.17 -17.69	61.06 1.42 -19.04	59.03 1.30 -21.60	52.46 1.25 -17.30	47.65 1.43 -12.29	42.77 1.56 -5.04
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.98 1.05 0.00	31.91 0.99 0.00	31.47 0.95 0.00	31.12 0.91 0.00	31.47 0.98 0.00	34.64 1.20 0.00	44.92 1.85 0.00	53.36 1.80 0.00	47.49 1.60 1.21	37.04 1.92 6.62	37.56 2.05 9.07	37.15 2.04 7.33	36.39 2.10 7.72	35.87 2.07 7.52	37.04 2.22 6.99	39.89 2.22 5.80	43.52 2.58 10.75	80.02 3.35 6.98	62.61 2.40 -1.66	50.10 1.62 -7.88	55.22 1.45 -17.65	49.46 1.42 -14.14	45.54 1.56 -10.05	41.99 1.70 -4.12
SWANROAD_115KV_TB1 355699	31.35 -0.57 0.00	30.52 -0.40 0.00	30.22 -0.31 0.00	29.82 -0.39 0.00	30.10 -0.40 0.00	32.83 -0.60 0.00	40.65 -2.41 0.00	47.53 -4.02 0.00	43.90 -3.16 0.05	38.98 -2.42 0.33	40.70 -3.43 0.46	38.81 -3.27 0.37	38.30 -3.32 0.39	37.76 -3.18 0.38	37.87 -3.60 0.35	39.67 -3.52 0.29	47.01 -4.13 0.54	78.40 -6.94 -1.70	57.16 -4.74 -3.36	41.67 -2.92 -3.99	38.51 -2.67 -5.06	35.14 -2.81 -4.05	34.17 -2.65 -2.88	35.25 -2.10 -1.18
SYNERGY___BIOGAS 323694	32.44 0.51 0.00	31.51 0.59 0.00	31.13 0.61 0.00	30.85 0.64 0.00	31.05 0.55 0.00	33.90 0.47 0.00	42.50 -0.56 0.00	50.27 -1.29 0.00	46.09 -0.94 0.06	41.04 -0.38 0.32	42.71 -1.43 0.44	40.82 -1.27 0.36	40.29 -1.35 0.38	39.71 -1.24 0.37	39.93 -1.55 0.34	41.85 -1.35 0.28	49.81 -1.34 0.53	83.47 -1.92 -1.75	60.51 -1.34 -3.30	43.73 -0.73 -3.86	40.23 -0.72 -4.83	36.58 -1.19 -3.87	35.56 -1.12 -2.75	36.76 -0.54 -1.13
SYRACUSE___ENERGY_ST1 323597	31.70 -0.22 0.00	30.70 -0.22 0.00	30.31 -0.21 0.00	29.97 -0.24 0.00	30.25 -0.24 0.00	33.20 -0.23 0.00	42.72 -0.34 0.00	50.83 -0.72 0.00	46.50 -0.57 0.04	41.21 -0.25 0.28	43.76 -0.45 0.38	41.71 -0.42 0.31	41.27 -0.42 0.32	40.59 -0.41 0.32	41.02 -0.50 0.29	42.80 -0.43 0.24	50.92 -0.31 0.45	84.68 -0.25 -1.28	61.07 -0.06 -2.58	43.69 0.00 -3.09	40.00 -0.07 -3.94	36.96 -0.10 -3.16	35.91 -0.27 -2.24	36.87 -0.22 -0.92
SYRACUSE___ENERGY_ST2 323598	31.70 -0.22 0.00	30.70 -0.22 0.00	30.31 -0.21 0.00	29.97 -0.24 0.00	30.25 -0.24 0.00	33.20 -0.23 0.00	42.72 -0.34 0.00	50.83 -0.72 0.00	46.50 -0.57 0.04	41.21 -0.25 0.28	43.76 -0.45 0.38	41.71 -0.42 0.31	41.27 -0.42 0.32	40.59 -0.41 0.32	41.02 -0.50 0.29	42.80 -0.43 0.24	50.92 -0.31 0.45	84.68 -0.25 -1.28	61.07 -0.06 -2.58	43.69 0.00 -3.09	40.00 -0.07 -3.94	36.96 -0.10 -3.16	35.91 -0.27 -2.24	36.87 -0.22 -0.92
SYRACUSE___POWER 24017	31.70 -0.22 0.00	30.67 -0.25 0.00	30.31 -0.21 0.00	29.97 -0.24 0.00	30.25 -0.24 0.00	33.17 -0.27 0.00	42.68 -0.39 0.00	50.73 -0.82 0.00	46.45 -0.61 0.04	41.17 -0.29 0.28	43.76 -0.45 0.38	41.71 -0.42 0.31	41.27 -0.42 0.33	40.55 -0.45 0.32	41.02 -0.50 0.29	42.80 -0.43 0.24	50.92 -0.31 0.45	84.71 -0.25 -1.31	61.07 -0.12 -2.63	43.70 -0.04 -3.15	40.03 -0.11 -4.01	36.95 -0.17 -3.21	35.91 -0.31 -2.28	36.82 -0.29 -0.94
TALLMAN___138KV_BK151 55660	33.05 1.12 0.00	31.94 1.02 0.00	31.53 1.01 0.00	31.18 0.97 0.00	31.53 1.04 0.00	34.74 1.30 0.00	45.05 1.98 0.00	53.51 1.96 0.00	47.32 1.65 1.43	36.22 2.05 7.56	36.45 2.23 10.37	36.24 2.16 8.38	35.46 2.27 8.82	34.96 2.23 8.59	36.18 2.34 7.98	39.20 2.35 6.63	42.14 2.74 12.28	78.05 3.43 9.02	61.22 2.46 -0.21	49.42 1.66 -7.15	55.62 1.48 -18.01	49.82 1.49 -14.43	45.85 1.66 -10.25	42.18 1.81 -4.20
TEALLAVE_115KV_TB7 355573	31.51 -0.42 0.00	30.52 -0.40 0.00	30.12 -0.40 0.00	29.79 -0.42 0.00	30.07 -0.43 0.00	32.97 -0.47 0.00	42.42 -0.65 0.00	50.32 -1.24 0.00	46.12 -0.94 0.03	40.89 -0.58 0.26	43.43 -0.80 0.36	41.44 -0.72 0.29	40.95 -0.76 0.30	40.28 -0.74 0.29	40.75 -0.79 0.27	42.51 -0.74 0.23	50.54 -0.72 0.42	83.87 -0.92 -1.14	60.29 -0.59 -2.33	43.07 -0.32 -2.79	39.34 -0.36 -3.58	36.36 -0.41 -2.87	35.43 -0.54 -2.04	36.46 -0.84 -0.84

TELGRAPH_34_KV_EAST 80808	32.09 0.16 0.00	31.20 0.28 0.00	30.86 0.34 0.00	30.46 0.24 0.00	30.71 0.21 0.00	33.57 0.13 0.00	41.73 -1.34 0.00	49.03 -2.53 0.00	45.26 -1.79 0.05	40.20 -1.21 0.33	42.00 -2.14 0.45	40.05 -2.04 0.36	39.53 -2.10 0.38	38.96 -1.98 0.37	39.09 -2.38 0.35	40.97 -2.22 0.29	48.67 -2.48 0.53	81.11 -4.18 -1.64	58.99 -2.81 -3.26	42.85 -1.62 -3.87	39.49 -1.55 -4.92	36.04 -1.80 -3.94	35.14 -1.59 -2.80	36.20 -1.12 -1.15
TEMPLE___115KV_TB 2 55572	31.55 -0.38 0.00	30.55 -0.37 0.00	30.15 -0.37 0.00	29.82 -0.39 0.00	30.10 -0.40 0.00	33.00 -0.43 0.00	42.42 -0.65 0.00	50.37 -1.19 0.00	46.12 -0.94 0.03	40.93 -0.54 0.26	43.47 -0.76 0.36	41.48 -0.68 0.29	40.99 -0.71 0.31	40.32 -0.70 0.30	40.79 -0.75 0.28	42.55 -0.70 0.23	50.59 -0.67 0.43	83.97 -0.84 -1.16	60.38 -0.53 -2.36	43.14 -0.28 -2.83	39.42 -0.33 -3.62	36.43 -0.37 -2.90	35.49 -0.51 -2.06	36.51 -0.51 -0.84
TIANA___69_KV_BK 1 55817	35.58 3.64 -0.01	34.23 3.31 0.00	33.66 3.14 0.00	33.27 3.05 0.00	33.73 3.23 0.00	37.49 4.05 -0.01	50.02 5.60 -1.35	56.76 5.21 0.00	53.33 5.23 -1.00	52.01 5.13 -5.14	59.44 5.97 -8.88	56.20 5.73 -8.03	53.64 5.63 -6.00	59.25 5.70 -12.23	59.42 5.85 -11.75	62.52 5.96 -13.08	71.15 7.13 -12.33	116.12 11.04 -21.43	112.86 7.96 -46.35	79.76 5.44 -33.72	78.25 4.70 -37.43	63.74 4.41 -25.44	57.23 4.82 -18.48	48.78 5.17 -7.44
TILDEN___115KV_TB1 80814	31.70 -0.22 0.00	30.67 -0.25 0.00	30.31 -0.21 0.00	29.97 -0.24 0.00	30.25 -0.24 0.00	33.17 -0.27 0.00	42.68 -0.39 0.00	50.73 -0.82 0.00	46.45 -0.61 0.04	41.17 -0.29 0.28	43.76 -0.45 0.38	41.71 -0.42 0.31	41.27 -0.42 0.33	40.55 -0.45 0.32	41.02 -0.50 0.29	42.80 -0.43 0.24	50.92 -0.31 0.45	84.71 -0.25 -1.31	61.07 -0.12 -2.63	43.70 -0.04 -3.15	40.03 -0.11 -4.01	36.95 -0.17 -3.21	35.91 -0.31 -2.28	36.82 -0.29 -0.94
TRIGEN___CC 323695	34.15 2.20 -0.02	32.93 2.01 0.00	32.41 1.89 0.00	32.03 1.81 0.00	32.42 1.92 0.00	35.86 2.41 -0.02	48.88 3.40 -2.42	54.70 3.14 0.00	51.30 3.20 -1.00	50.25 3.38 -5.14	58.76 3.83 -10.34	56.01 3.69 -9.87	51.80 3.78 -6.01	62.34 3.76 -17.26	62.40 3.85 -16.74	67.15 3.83 -19.85	92.09 4.39 -36.01	111.11 6.02 -21.44	126.51 4.22 -63.74	86.53 2.92 -43.00	90.76 2.60 -52.03	73.68 2.54 -37.24	60.61 2.95 -23.72	48.82 3.15 -9.50
TRINITY___115KV__ 4 BK 55933	32.12 0.19 0.00	31.17 0.25 0.00	30.77 0.24 0.00	30.46 0.24 0.00	30.74 0.24 0.00	33.74 0.30 0.00	43.67 0.60 0.00	51.97 0.41 0.00	47.84 0.47 -0.27	44.00 0.88 -1.39	48.49 2.01 -1.90	45.85 1.87 -1.54	45.48 1.85 -1.62	44.75 1.86 -1.57	45.20 1.92 -1.46	46.74 2.04 -1.21	56.26 2.33 -2.25	109.03 3.60 -21.78	93.19 2.52 -32.12	76.36 1.79 -33.98	75.44 1.63 -37.69	65.58 1.49 -30.19	56.95 1.56 -21.45	46.67 1.70 -8.80
UNION___PROCESSING_DRP 323587	31.70 -0.22 0.00	30.74 -0.19 0.00	30.37 -0.15 0.00	30.00 -0.21 0.00	30.28 -0.21 0.00	33.17 -0.27 0.00	42.16 -0.90 0.00	49.90 -1.65 0.00	46.02 -1.04 0.04	40.80 -0.63 0.31	42.96 -1.20 0.42	41.00 -1.10 0.34	40.52 -1.13 0.36	39.85 -1.12 0.35	40.15 -1.34 0.33	41.95 -1.26 0.27	49.94 -1.24 0.50	83.19 -1.92 -1.46	60.25 -1.23 -2.93	43.45 -0.65 -3.50	39.87 -0.72 -4.46	36.56 -0.92 -3.57	35.42 -1.05 -2.54	36.31 -0.90 -1.04
UPPER HUDSON___HYD 24058	32.92 0.99 0.00	31.91 0.99 0.00	31.56 1.04 0.00	31.12 0.91 0.00	31.56 1.07 0.00	34.71 1.27 0.00	45.22 2.15 0.00	53.82 2.27 0.00	49.53 2.17 -0.27	45.46 2.34 -1.39	49.35 2.86 -1.91	46.19 2.21 -1.54	45.53 1.89 -1.62	44.76 1.86 -1.58	45.12 1.84 -1.47	46.78 2.09 -1.22	56.63 2.69 -2.26	117.54 4.26 -29.62	105.94 2.98 -44.41	89.97 2.03 -47.34	90.98 1.81 -53.05	78.22 1.83 -42.49	65.86 1.73 -30.19	50.68 2.13 -12.38
UPPER RAQUET___HYD 24056	32.22 0.29 0.00	31.23 0.31 0.00	30.76 0.24 0.00	30.67 0.45 0.00	30.53 0.03 0.00	33.07 -0.37 0.00	42.46 -0.60 0.00	51.55 0.00 0.00	46.91 -0.19 0.00	40.90 -0.83 0.00	43.87 -0.72 0.00	41.68 -0.76 0.00	41.17 -0.84 0.00	40.53 -0.79 0.00	41.06 -0.75 0.00	42.61 -0.87 0.00	50.34 -1.34 0.00	82.15 -1.50 0.00	57.26 -1.29 0.00	39.75 -0.85 0.00	35.62 -0.51 0.00	33.77 -0.14 0.00	33.83 -0.10 0.00	36.03 -0.14 0.00
VALLEY44_115KV_TB2 355964	33.62 1.69 0.00	32.74 1.82 0.00	32.44 1.92 0.00	32.03 1.81 0.00	32.33 1.83 0.00	35.24 1.81 0.00	44.06 0.99 0.00	51.71 0.15 0.00	47.38 0.33 0.05	42.05 0.67 0.35	44.01 -0.09 0.48	42.01 -0.04 0.39	41.47 -0.13 0.41	40.88 -0.04 0.40	41.07 -0.38 0.37	42.95 -0.22 0.31	51.01 -0.10 0.57	85.46 -0.08 -1.90	62.32 0.06 -3.71	45.36 0.37 -4.40	41.90 0.22 -5.56	38.22 -0.14 -4.45	36.83 -0.27 -3.16	37.97 0.51 -1.30
VALLEY___115KV_TB 1-4 80826	32.57 0.64 0.00	31.54 0.62 0.00	31.13 0.61 0.00	30.79 0.57 0.00	31.11 0.61 0.00	34.14 0.70 0.00	44.06 0.99 0.00	53.00 1.44 0.00	48.42 1.32 0.00	42.99 1.25 0.00	45.97 1.38 0.00	43.72 1.27 0.00	43.23 1.22 0.00	42.48 1.16 0.00	42.99 1.17 0.00	44.70 1.22 0.00	53.13 1.45 0.00	85.41 1.76 0.00	59.72 1.17 0.00	41.45 0.85 0.00	36.85 0.72 0.00	34.58 0.68 0.00	34.61 0.68 0.00	36.93 0.76 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.04 2.11 0.00	32.96 2.04 0.00	32.50 1.98 0.00	32.09 1.87 0.00	32.51 2.01 0.00	35.71 2.27 0.00	46.30 3.23 0.00	55.16 3.61 0.00	50.40 3.39 0.08	44.59 3.34 0.49	47.39 3.48 0.67	45.21 3.31 0.54	44.63 3.19 0.57	43.94 3.18 0.56	44.56 3.26 0.52	46.53 3.48 0.43	55.12 4.24 0.80	96.62 6.44 -6.53	74.44 4.51 -11.38	56.83 3.29 -12.94	54.68 2.89 -15.66	49.05 2.61 -12.54	45.29 2.44 -8.91	42.50 2.68 -3.65
VISCHER___FERRY HYD 24020	33.01 1.09 0.00	31.97 1.05 0.00	31.56 1.04 0.00	31.21 1.00 0.00	31.59 1.10 0.00	34.71 1.27 0.00	44.96 1.89 0.00	53.56 2.01 0.00	49.32 1.93 -0.29	45.32 2.09 -1.49	49.31 2.67 -2.05	46.56 2.46 -1.66	46.19 2.44 -1.74	45.41 2.40 -1.70	45.86 2.47 -1.58	47.35 2.56 -1.31	57.16 3.05 -2.43	115.34 4.51 -27.17	102.06 3.22 -40.29	85.61 2.27 -42.73	85.71 2.02 -47.57	73.90 1.90 -38.10	62.98 1.97 -27.07	49.44 2.17 -11.10
V_A_10_SYNC_DSASP 323832	31.29 -0.64 0.00	30.46 -0.46 0.00	30.12 -0.40 0.00	29.82 -0.39 0.00	30.07 -0.43 0.00	32.77 -0.67 0.00	41.21 -1.85 0.00	48.67 -2.89 0.00	44.54 -2.50 0.06	39.67 -1.75 0.32	41.38 -2.76 0.44	39.63 -2.46 0.35	39.12 -2.52 0.37	38.56 -2.40 0.36	38.76 -2.72 0.34	40.59 -2.61 0.28	48.12 -3.05 0.52	80.33 -5.02 -1.70	58.43 -3.33 -3.22	42.25 -2.11 -3.77	38.95 -1.88 -4.71	35.54 -2.13 -3.77	34.44 -2.17 -2.68	35.53 -1.74 -1.10
V_CMM_10_SYNC_DSASP 323787	32.15 0.23 0.00	31.17 0.25 0.00	30.74 0.22 0.00	30.52 0.30 0.00	30.62 0.12 0.00	33.54 0.10 0.00	43.11 0.04 0.00	51.97 0.41 0.00	47.29 0.19 0.00	41.45 -0.29 0.00	44.23 -0.36 0.00	42.11 -0.34 0.00	41.63 -0.38 0.00	40.95 -0.37 0.00	41.44 -0.38 0.00	43.00 -0.48 0.00	50.96 -0.72 0.00	83.15 -0.50 0.00	58.08 -0.47 0.00	40.23 -0.37 0.00	35.88 -0.25 0.00	33.73 -0.17 0.00	33.77 -0.17 0.00	35.95 -0.22 0.00

V_CMP_10_SYNC_DSASP 323788	33.33 1.40 0.00	32.31 1.39 0.00	31.90 1.37 0.00	31.61 1.39 0.00	31.68 1.19 0.00	34.27 0.84 0.00	43.97 0.91 0.00	52.43 0.88 0.00	47.62 0.52 0.00	42.45 0.71 0.00	45.21 0.62 0.00	43.08 0.64 0.00	42.39 0.38 0.00	41.65 0.33 0.00	42.07 0.25 0.00	43.57 0.09 0.00	51.32 -0.36 0.00	83.48 -0.17 0.00	57.96 -0.59 0.00	40.76 0.16 0.00	36.41 0.29 0.00	34.07 0.17 0.00	34.07 0.14 0.00	36.82 0.65 0.00
V_D_10_SYNC_DSASP 323841	31.07 -0.86 0.00	30.27 -0.65 0.00	29.94 -0.58 0.00	29.67 -0.54 0.00	29.85 -0.64 0.00	32.50 -0.94 0.00	40.44 -2.63 0.00	47.48 -4.07 0.00	43.45 -3.58 0.06	38.78 -2.63 0.33	40.25 -3.88 0.46	38.55 -3.52 0.37	38.05 -3.57 0.39	37.51 -3.43 0.38	37.66 -3.80 0.35	39.45 -3.74 0.29	46.59 -4.55 0.54	78.04 -7.45 -1.84	56.93 -5.09 -3.47	41.42 -3.25 -4.07	38.31 -2.89 -5.08	34.88 -3.08 -4.07	33.84 -2.99 -2.89	35.04 -2.32 -1.18
V_E_10_SYNC_DSASP 323830	35.35 3.42 0.00	34.29 3.37 0.00	33.79 3.27 0.00	33.39 3.17 0.00	33.94 3.45 0.00	37.25 3.81 0.00	48.23 5.17 0.00	57.84 6.29 0.00	52.47 5.46 0.09	46.30 5.01 0.44	48.88 4.90 0.61	46.63 4.67 0.49	45.78 4.29 0.52	45.40 4.59 0.50	46.03 4.68 0.47	48.18 5.08 0.39	57.84 6.87 0.72	98.54 11.04 -3.85	73.42 7.90 -6.97	54.20 5.56 -8.04	50.63 4.63 -9.88	45.95 4.13 -7.92	43.33 3.77 -5.62	42.71 4.23 -2.31
V_F_30_NSYNC_DSASP 323816	33.27 1.34 0.00	32.25 1.33 0.00	31.86 1.34 0.00	31.45 1.24 0.00	31.87 1.37 0.00	35.01 1.57 0.00	45.48 2.41 0.00	54.13 2.58 0.00	49.82 2.45 -0.27	45.69 2.55 -1.41	49.59 3.07 -1.93	46.72 2.72 -1.56	46.30 2.65 -1.64	45.52 2.60 -1.60	45.94 2.64 -1.49	47.54 2.82 -1.23	57.43 3.46 -2.29	118.35 5.36 -29.34	106.23 3.75 -43.93	90.00 2.60 -46.80	90.88 2.35 -52.40	78.08 2.20 -41.98	65.93 2.17 -29.83	50.86 2.46 -12.23
V_F_30_SYNC_DSASP 323786	32.22 0.29 0.00	31.26 0.34 0.00	30.89 0.37 0.00	30.55 0.33 0.00	30.83 0.34 0.00	33.84 0.40 0.00	43.84 0.78 0.00	52.17 0.62 0.00	48.03 0.66 -0.27	44.20 1.09 -1.38	48.71 2.23 -1.89	46.05 2.08 -1.53	45.68 2.06 -1.61	44.95 2.07 -1.57	45.40 2.13 -1.46	46.95 2.26 -1.21	56.56 2.64 -2.24	111.18 4.02 -23.51	96.26 2.81 -34.90	79.62 1.99 -37.03	79.18 1.81 -41.25	68.60 1.66 -33.04	59.11 1.70 -23.48	47.64 1.84 -9.63
V_XM_10_SYNC_DSASP 323789	33.33 1.40 0.00	32.31 1.39 0.00	31.90 1.37 0.00	31.61 1.39 0.00	31.68 1.19 0.00	34.27 0.84 0.00	43.97 0.91 0.00	52.43 0.88 0.00	47.62 0.52 0.00	42.45 0.71 0.00	45.21 0.62 0.00	43.08 0.64 0.00	42.39 0.38 0.00	41.65 0.33 0.00	42.07 0.25 0.00	43.57 0.09 0.00	51.32 -0.36 0.00	83.48 -0.17 0.00	57.96 -0.59 0.00	40.76 0.16 0.00	36.41 0.29 0.00	34.07 0.17 0.00	34.07 0.14 0.00	36.82 0.65 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.17 1.25 0.00	32.06 1.14 0.00	31.62 1.10 0.00	31.27 1.06 0.00	31.62 1.13 0.00	34.87 1.44 0.00	45.22 2.15 0.00	53.67 2.11 0.00	47.43 1.84 1.50	36.07 2.21 7.88	36.14 2.36 10.81	36.05 2.33 8.73	35.21 2.39 9.20	34.76 2.40 8.95	36.00 2.51 8.32	39.05 2.48 6.91	41.82 2.95 12.81	77.59 3.68 9.74	60.94 2.69 0.31	49.27 1.79 -6.88	55.87 1.63 -18.12	50.01 1.59 -14.51	46.04 1.80 -10.31	42.31 1.92 -4.23
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.46 1.53 0.00	32.31 1.39 0.00	31.83 1.31 0.00	31.51 1.30 0.00	31.84 1.34 0.00	35.21 1.77 0.00	45.78 2.71 0.00	54.34 2.78 0.00	50.74 2.64 -1.00	49.82 2.92 -5.16	54.69 3.03 -7.07	51.13 2.97 -5.71	51.09 3.07 -6.02	50.24 3.06 -5.86	50.44 3.18 -5.45	51.13 3.13 -4.52	63.79 3.72 -8.38	110.06 4.94 -21.47	86.39 3.51 -24.33	64.96 2.40 -21.97	57.08 2.06 -18.90	51.07 2.03 -15.14	47.03 2.34 -10.76	43.11 2.53 -4.41
W50THST__13_KV_LOAD 356117	33.62 1.69 0.00	32.47 1.55 0.00	31.96 1.43 0.00	31.63 1.42 0.00	31.96 1.46 0.00	35.34 1.91 0.00	45.95 2.89 0.00	54.65 3.09 0.00	51.02 2.92 -1.00	50.07 3.17 -5.16	54.96 3.30 -7.07	51.39 3.23 -5.71	51.35 3.32 -6.02	50.48 3.31 -5.86	50.69 3.43 -5.45	51.39 3.39 -4.52	64.10 4.03 -8.38	110.56 5.44 -21.47	86.74 3.86 -24.33	65.21 2.64 -21.97	57.26 2.24 -18.90	51.24 2.20 -15.14	47.17 2.48 -10.76	43.26 2.68 -4.41
WADING RIVER_IC_1 23522	35.36 3.42 -0.01	33.92 3.00 0.00	33.36 2.84 0.00	32.93 2.72 0.00	33.49 2.99 0.00	37.26 3.81 -0.01	49.80 5.38 -1.35	56.29 4.74 0.00	52.61 4.52 -0.99	51.71 4.84 -5.14	59.18 5.71 -8.88	55.91 5.43 -8.03	53.30 5.29 -6.00	58.83 5.29 -12.22	59.12 5.56 -11.75	62.17 5.61 -13.08	70.82 6.82 -12.31	114.38 10.37 -20.36	111.50 7.44 -45.51	78.93 5.12 -33.22	77.92 4.37 -37.42	63.47 4.13 -25.43	56.99 4.58 -18.47	48.52 4.92 -7.44
WADING RIVER_IC_2 23547	35.36 3.42 -0.01	33.92 3.00 0.00	33.36 2.84 0.00	32.93 2.72 0.00	33.49 2.99 0.00	37.26 3.81 -0.01	49.80 5.38 -1.35	56.29 4.74 0.00	52.61 4.52 -0.99	51.71 4.84 -5.14	59.18 5.71 -8.88	55.91 5.43 -8.03	53.30 5.29 -6.00	58.83 5.29 -12.22	59.12 5.56 -11.75	62.17 5.61 -13.08	70.82 6.82 -12.31	114.38 10.37 -20.36	111.50 7.44 -45.51	78.93 5.12 -33.22	77.92 4.37 -37.42	63.47 4.13 -25.43	56.99 4.58 -18.47	48.52 4.92 -7.44
WADING RIVER_IC_3 23601	35.36 3.42 -0.01	33.92 3.00 0.00	33.36 2.84 0.00	32.93 2.72 0.00	33.49 2.99 0.00	37.26 3.81 -0.01	49.80 5.38 -1.35	56.29 4.74 0.00	52.61 4.52 -0.99	51.71 4.84 -5.14	59.18 5.71 -8.88	55.91 5.43 -8.03	53.30 5.29 -6.00	58.83 5.29 -12.22	59.12 5.56 -11.75	62.17 5.61 -13.08	70.82 6.82 -12.31	114.38 10.37 -20.36	111.50 7.44 -45.51	78.93 5.12 -33.22	77.92 4.37 -37.42	63.47 4.13 -25.43	56.99 4.58 -18.47	48.52 4.92 -7.44
WALDENNY_12_KV_BK2 80841	32.57 0.64 0.00	31.72 0.80 0.00	31.41 0.89 0.00	31.00 0.79 0.00	31.26 0.76 0.00	34.14 0.70 0.00	42.59 -0.47 0.00	50.01 -1.55 0.00	46.01 -1.04 0.05	40.85 -0.54 0.34	42.69 -1.43 0.47	40.75 -1.32 0.38	40.23 -1.39 0.40	39.65 -1.28 0.39	39.74 -1.71 0.36	41.66 -1.52 0.30	49.37 -1.76 0.55	82.59 -2.84 -1.78	60.19 -1.87 -3.51	43.79 -0.97 -4.17	40.46 -0.94 -5.28	36.94 -1.19 -4.23	35.68 -1.26 -3.00	36.79 -0.61 -1.23
WALDEN__HYDRO 24148	33.24 1.31 0.00	32.10 1.17 0.00	31.71 1.19 0.00	31.30 1.09 0.00	31.72 1.22 0.00	34.91 1.47 0.00	45.30 2.24 0.00	53.72 2.16 0.00	48.70 1.93 0.33	42.24 2.21 1.70	44.65 2.41 2.34	42.85 2.29 1.89	42.37 2.35 1.99	41.70 2.31 1.94	42.48 2.47 1.80	44.51 2.52 1.49	52.02 3.10 2.77	92.01 4.10 -4.26	72.29 2.98 -10.76	56.27 1.99 -13.68	56.34 1.70 -18.51	50.36 1.63 -14.83	46.27 1.80 -10.54	42.44 1.95 -4.32
WARRENSBURG____ 23737	32.92 0.99 0.00	31.91 0.99 0.00	31.56 1.04 0.00	31.12 0.91 0.00	31.56 1.07 0.00	34.71 1.27 0.00	45.22 2.15 0.00	53.82 2.27 0.00	49.53 2.17 -0.27	45.46 2.34 -1.39	49.35 2.86 -1.91	46.19 2.21 -1.54	45.53 1.89 -1.62	44.76 1.86 -1.58	45.12 1.84 -1.47	46.78 2.09 -1.22	56.63 2.69 -2.26	117.54 4.26 -29.62	105.94 2.98 -44.41	89.97 2.03 -47.34	90.98 1.81 -53.05	78.22 1.83 -42.49	65.86 1.73 -30.19	50.68 2.13 -12.38

WATERSIDE___6 8 9 23538	33.56 1.63 0.00	32.40 1.48 0.00	31.89 1.37 0.00	31.57 1.36 0.00	31.90 1.40 0.00	35.21 1.77 0.00	45.69 2.63 0.00	54.18 2.63 0.00	50.55 2.45 -1.00	49.68 2.80 -5.15	54.54 2.90 -7.06	50.95 2.80 -5.70	50.96 2.94 -6.01	50.06 2.89 -5.85	50.26 3.01 -5.43	50.99 3.00 -4.51	63.51 3.46 -8.36	109.70 4.60 -21.45	86.14 3.28 -24.31	64.75 2.19 -21.96	56.90 1.88 -18.90	51.04 2.00 -15.14	47.00 2.31 -10.76	43.18 2.60 -4.41
WATKINRD_115KV_LN8_ILLION 55919	32.38 0.45 0.00	31.35 0.43 0.00	30.92 0.40 0.00	30.61 0.39 0.00	30.92 0.43 0.00	33.94 0.50 0.00	43.80 0.73 0.00	52.64 1.08 0.00	48.09 0.99 0.00	42.70 0.96 0.00	45.66 1.07 0.00	43.42 0.98 0.00	42.98 0.97 0.00	42.23 0.91 0.00	42.78 0.96 0.00	44.48 1.00 0.00	52.87 1.19 0.00	85.15 1.51 0.00	59.54 1.00 0.00	41.33 0.73 0.00	36.74 0.61 0.00	34.48 0.58 0.00	34.48 0.54 0.00	36.75 0.58 0.00
WATSON___69_KV_BK 1 55734	35.26 3.32 -0.01	33.92 3.00 0.00	33.36 2.84 0.00	32.96 2.75 0.00	33.42 2.93 0.00	37.12 3.68 -0.01	49.54 5.08 -1.40	56.14 4.59 0.00	52.76 4.66 -1.00	51.55 4.67 -5.14	59.06 5.53 -8.95	55.86 5.31 -8.10	53.22 5.21 -6.00	59.09 5.33 -12.44	59.21 5.44 -11.96	62.28 5.43 -13.37	71.87 6.36 -13.83	114.62 9.54 -21.43	112.42 6.79 -47.08	79.38 4.67 -34.11	78.21 4.05 -38.04	63.79 3.86 -26.02	57.01 4.38 -18.69	48.36 4.67 -7.52
WDELAWARE___HYD 323627	33.56 1.63 0.00	32.40 1.48 0.00	31.99 1.46 0.00	31.58 1.36 0.00	32.02 1.52 0.00	35.17 1.74 0.00	45.65 2.58 0.00	54.18 2.63 0.00	49.11 2.31 0.30	42.66 2.46 1.54	44.93 2.45 2.11	43.12 2.38 1.70	42.61 2.39 1.79	41.89 2.31 1.75	42.70 2.51 1.62	44.74 2.61 1.35	52.54 3.36 2.50	93.21 4.77 -4.79	73.06 3.45 -11.06	56.66 2.31 -13.74	56.33 1.99 -18.22	50.36 1.86 -14.59	46.31 2.00 -10.37	42.63 2.21 -4.25
WEST BABYLON___IC 23714	35.00 3.07 -0.01	33.73 2.81 0.00	33.15 2.62 0.00	32.75 2.54 0.00	33.21 2.71 0.00	36.82 3.38 -0.01	49.25 4.69 -1.49	55.73 4.18 0.00	52.38 4.29 -1.00	51.21 4.34 -5.14	58.74 5.08 -9.08	55.64 4.92 -8.27	52.89 4.87 -6.00	59.17 4.96 -12.89	59.28 5.06 -12.41	62.50 5.04 -13.98	74.36 5.74 -16.94	113.44 8.36 -21.43	113.17 5.97 -48.65	79.65 4.10 -34.95	79.09 3.61 -39.35	64.62 3.46 -27.26	57.10 4.00 -19.16	48.18 4.30 -7.71
WEST CANADA___HYD 24049	31.99 0.06 0.00	30.98 0.06 0.00	30.58 0.06 0.00	30.24 0.03 0.00	30.56 0.06 0.00	33.54 0.10 0.00	43.24 0.17 0.00	51.97 0.41 0.00	47.47 0.38 0.00	42.11 0.37 0.00	45.08 0.49 0.00	42.91 0.47 0.00	42.47 0.46 0.00	41.73 0.41 0.00	42.23 0.42 0.00	43.96 0.48 0.00	52.25 0.57 0.00	84.07 0.42 0.00	58.84 0.29 0.00	40.80 0.20 0.00	36.31 0.18 0.00	34.07 0.17 0.00	34.11 0.17 0.00	36.35 0.18 0.00
WESTERN_NY_WIND 24143	32.41 0.48 0.00	31.48 0.56 0.00	31.13 0.61 0.00	30.73 0.51 0.00	30.98 0.49 0.00	33.90 0.47 0.00	42.42 -0.65 0.00	49.96 -1.60 0.00	46.16 -0.89 0.05	40.95 -0.46 0.32	42.85 -1.29 0.45	40.77 -1.32 0.36	40.29 -1.34 0.38	39.71 -1.24 0.37	39.84 -1.63 0.34	41.76 -1.43 0.28	49.76 -1.40 0.53	83.09 -2.17 -1.62	60.24 -1.52 -3.22	43.70 -0.73 -3.83	40.16 -0.83 -4.86	36.68 -1.12 -3.90	35.68 -1.02 -2.77	36.65 -0.65 -1.13
WESTOVER___LESR 323668	32.47 0.54 0.00	31.45 0.53 0.00	31.07 0.55 0.00	30.73 0.51 0.00	31.01 0.52 0.00	34.04 0.60 0.00	43.75 0.69 0.00	51.97 0.41 0.00	47.44 0.42 0.08	41.92 0.67 0.48	44.42 0.49 0.66	42.38 0.47 0.53	41.91 0.46 0.56	41.27 0.50 0.55	41.77 0.46 0.51	43.62 0.57 0.42	51.73 0.83 0.78	88.22 1.25 -3.31	65.71 0.94 -6.22	48.64 0.77 -7.27	45.84 0.65 -9.07	41.67 0.51 -7.26	39.47 0.37 -5.16	38.86 0.58 -2.12
WETHRSFD_WT_PWR 323626	32.57 0.64 0.00	31.66 0.74 0.00	31.35 0.82 0.00	31.03 0.82 0.00	31.26 0.76 0.00	34.07 0.63 0.00	42.81 -0.26 0.00	50.52 -1.03 0.00	46.09 -0.94 0.07	41.09 -0.29 0.36	42.79 -1.29 0.50	40.94 -1.10 0.40	40.41 -1.18 0.42	39.83 -1.07 0.41	40.01 -1.42 0.38	41.90 -1.26 0.32	49.75 -1.34 0.59	83.59 -2.18 -2.11	61.13 -1.41 -3.98	44.53 -0.73 -4.66	41.36 -0.58 -5.81	37.64 -0.91 -4.65	36.29 -0.95 -3.31	37.20 -0.33 -1.36
WHAVSTOR_138KV_BK127 55557	33.08 1.15 0.00	31.97 1.05 0.00	31.53 1.01 0.00	31.21 1.00 0.00	31.53 1.04 0.00	34.77 1.34 0.00	45.09 2.02 0.00	53.51 1.96 0.00	47.23 1.65 1.51	35.84 2.05 7.95	35.92 2.23 10.90	35.81 2.16 8.80	35.01 2.27 9.27	34.52 2.23 9.03	35.77 2.34 8.39	38.82 2.30 6.97	41.46 2.69 12.91	77.12 3.35 9.88	60.54 2.40 0.41	49.05 1.62 -6.83	55.74 1.48 -18.14	49.89 1.46 -14.53	45.92 1.66 -10.32	42.21 1.81 -4.23
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.08 1.15 0.00	31.97 1.05 0.00	31.53 1.01 0.00	31.21 1.00 0.00	31.53 1.04 0.00	34.77 1.34 0.00	45.09 2.02 0.00	53.51 1.96 0.00	47.23 1.65 1.51	35.84 2.05 7.95	35.92 2.23 10.90	35.81 2.16 8.80	35.01 2.27 9.27	34.52 2.23 9.03	35.77 2.34 8.39	38.82 2.30 6.97	41.46 2.69 12.91	77.12 3.35 9.88	60.54 2.40 0.41	49.05 1.62 -6.83	55.74 1.48 -18.14	49.89 1.46 -14.53	45.92 1.66 -10.32	42.21 1.81 -4.23
WHITEHAL_115KV_TB1 80871	33.56 1.63 0.00	32.56 1.64 0.00	32.23 1.71 0.00	31.79 1.57 0.00	32.17 1.68 0.00	35.48 2.04 0.00	46.30 3.23 0.00	55.16 3.61 0.00	50.71 3.34 -0.27	46.52 3.38 -1.40	50.42 3.92 -1.92	47.31 3.31 -1.55	46.67 3.02 -1.63	45.92 3.02 -1.59	46.26 2.97 -1.48	47.96 3.26 -1.22	58.19 4.24 -2.27	119.81 6.94 -29.22	107.33 4.80 -43.98	90.87 3.29 -46.98	91.76 2.85 -52.78	78.93 2.75 -42.28	66.56 2.58 -30.04	51.49 3.00 -12.32
WHITEPLN_13_KV_LOAD 356215	33.72 1.79 0.00	32.59 1.67 0.00	32.11 1.59 0.00	31.76 1.54 0.00	32.11 1.62 0.00	35.54 2.11 0.00	46.30 3.23 0.00	55.06 3.51 0.00	51.43 3.30 -1.03	50.54 3.51 -5.29	55.55 3.70 -7.26	51.88 3.57 -5.87	51.80 3.61 -6.18	50.93 3.59 -6.01	51.13 3.72 -5.59	51.86 3.74 -4.64	64.83 4.55 -8.60	111.71 6.27 -21.78	87.56 4.45 -24.56	65.79 3.09 -22.10	57.68 2.67 -18.88	51.46 2.44 -15.12	47.39 2.71 -10.74	43.40 2.82 -4.40
WM_FLOYD_69_KV_BK2 356380	35.23 3.29 -0.01	33.92 3.00 0.00	33.33 2.81 0.00	32.93 2.72 0.00	33.39 2.90 0.00	37.12 3.68 -0.01	49.50 5.08 -1.35	56.14 4.59 0.00	52.76 4.66 -1.00	51.51 4.63 -5.14	58.96 5.48 -8.89	55.74 5.26 -8.03	53.18 5.17 -6.00	58.80 5.25 -12.24	58.97 5.39 -11.76	62.01 5.43 -13.10	70.50 6.41 -12.41	114.95 9.87 -21.43	112.02 7.08 -46.39	79.17 4.83 -33.74	77.78 4.19 -37.46	63.30 3.93 -25.47	56.83 4.41 -18.49	48.35 4.74 -7.44
WOODARD__115KV_TB2 355635	31.42 -0.51 0.00	30.43 -0.49 0.00	30.03 -0.49 0.00	29.73 -0.48 0.00	30.01 -0.49 0.00	32.90 -0.53 0.00	42.33 -0.73 0.00	50.27 -1.29 0.00	46.03 -1.04 0.03	40.80 -0.67 0.27	43.33 -0.89 0.36	41.35 -0.81 0.29	40.86 -0.84 0.31	40.19 -0.83 0.30	40.66 -0.88 0.28	42.42 -0.83 0.23	50.43 -0.83 0.43	83.73 -1.09 -1.17	60.23 -0.70 -2.38	43.05 -0.41 -2.85	39.35 -0.43 -3.66	36.35 -0.47 -2.93	35.41 -0.61 -2.08	36.44 -0.58 -0.85

YORK____WARBASSE	33.68	32.50	31.99	31.63	31.96	35.24	45.74	54.24	50.64	49.77	54.54	50.91	50.87	50.02	50.18	50.95	63.36	109.53	86.02	64.67	56.87	50.97	46.93	43.15
23770	1.76	1.58	1.47	1.42	1.46	1.81	2.67	2.68	2.54	2.88	2.90	2.76	2.86	2.85	2.93	2.96	3.31	4.43	3.16	2.11	1.84	1.93	2.24	2.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-5.15	-7.06	-5.70	-6.01	-5.85	-5.43	-4.51	-8.36	-21.45	-24.31	-21.96	-18.90	-15.14	-10.76	-4.41