

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion									
Generator Data		09/24/2025																									
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00		
59TH STREET_GT_1	24138	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
		42.08	37.14	34.75	32.75	32.89	34.75	45.99	51.03	51.81	52.02	52.37	52.63	56.27	56.35	60.96	70.80	76.23	85.68	75.12	69.70	55.19	48.48	43.96	39.98		
		1.85	1.57	1.46	1.14	1.14	1.24	1.77	1.82	2.23	2.15	2.35	2.51	2.86	2.82	3.15	3.89	4.05	5.06	3.56	2.84	2.11	1.75	1.71	1.48		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	-1.02	-0.90	-1.33	-1.30	-1.58	-2.10	-2.36	-1.57	-1.74	-0.89	-0.22	-0.60	-0.62	-0.51		
74TH STREET_GT_1	24260	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
		42.12	37.17	34.75	32.78	32.92	34.72	45.95	50.98	51.72	51.98	52.27	52.58	56.16	56.25	60.85	70.73	76.09	85.60	75.05	69.64	55.14	48.43	43.96	40.02		
		1.89	1.60	1.46	1.17	1.17	1.21	1.72	1.77	2.13	2.10	2.25	2.46	2.76	2.72	3.04	3.82	3.91	4.98	3.49	2.77	2.06	1.71	1.71	1.52		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	-1.02	-0.90	-1.33	-1.30	-1.58	-2.10	-2.36	-1.57	-1.74	-0.89	-0.22	-0.60	-0.62	-0.51		
74TH STREET_GT_2	24261	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
		42.12	37.17	34.75	32.78	32.92	34.72	45.95	50.98	51.72	51.98	52.27	52.58	56.16	56.25	60.85	70.73	76.09	85.60	75.05	69.64	55.14	48.43	43.96	40.02		
		1.89	1.60	1.46	1.17	1.17	1.21	1.72	1.77	2.13	2.10	2.25	2.46	2.76	2.72	3.04	3.82	3.91	4.98	3.49	2.77	2.06	1.71	1.71	1.52		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	-1.02	-0.90	-1.33	-1.30	-1.58	-2.10	-2.36	-1.57	-1.74	-0.89	-0.22	-0.60	-0.62	-0.51		
ADK HUDSON__FALLS	24011	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
		41.15	36.39	34.15	32.46	32.64	34.35	45.55	51.31	50.92	49.12	48.85	49.25	51.57	52.40	55.54	64.00	69.06	80.26	86.23	80.79	55.48	47.05	42.30	38.46		
		0.93	0.82	0.87	0.85	0.89	0.84	1.33	1.67	1.34	1.13	0.88	0.94	0.83	0.84	0.90	1.30	1.61	2.77	2.16	1.58	1.69	1.52	1.29	0.99		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.42	0.00	0.94	1.02	0.90	1.33	0.67	1.58	2.11	2.36	1.57	-14.24	-13.23	-0.94	0.60	0.62	0.51		
ADK RESOURCE__RCVRY	23798	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
		41.31	36.53	34.29	32.59	32.77	34.49	45.77	51.59	51.12	49.33	49.02	49.36	51.69	52.55	55.73	64.22	69.30	80.52	85.94	80.69	55.75	47.33	42.51	38.62		
		1.09	0.96	1.00	0.98	1.02	0.97	1.55	1.97	1.54	1.32	1.03	1.04	0.94	0.99	1.07	1.49	1.81	3.00	2.51	2.05	2.01	1.80	1.50	1.14		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.41	0.00	0.93	1.01	0.89	1.31	0.67	1.56	2.07	2.33	1.54	-13.61	-12.67	-0.89	0.59	0.61	0.50		
ADK S GLENS__FALLS	24028	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
		41.15	36.39	34.15	32.46	32.64	34.35	45.55	51.31	50.92	49.12	48.85	49.25	51.57	52.40	55.54	64.00	69.06	80.26	86.23	80.79	55.48	47.05	42.30	38.46		
		0.93	0.82	0.87	0.85	0.89	0.84	1.33	1.67	1.34	1.13	0.88	0.94	0.83	0.84	0.90	1.30	1.61	2.77	2.16	1.58	1.69	1.52	1.29	0.99		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.42	0.00	0.94	1.02	0.90	1.33	0.67	1.58	2.11	2.36	1.57	-14.24	-13.23	-0.94	0.60	0.62	0.51		
ADK_NYS__DAM	23527	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
		40.95	36.35	33.95	32.24	32.42	34.18	45.46	51.46	50.97	48.04	47.91	48.47	50.41	51.74	54.04	61.90	66.55	78.38	95.05	89.68	55.69	45.99	41.41	37.69		
		0.72	0.78	0.67	0.63	0.67	0.67	1.24	1.53	1.39	1.27	1.33	1.41	1.41	1.46	1.94	2.17	2.93	1.95	1.65	1.37	1.25	1.21	0.87			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	0.00	2.16	2.35	2.08	3.07	1.91	3.65	4.84	5.43	3.60	-23.28	-22.06	-1.47	1.38	1.43	1.17		
AIR_PRODUCTS__DRP	24190	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
		39.42	34.93	32.59	30.98	31.18	32.88	43.30	47.79	48.59	47.15	47.10	47.50	49.92	49.45	53.85	62.05	66.78	76.93	50.56	49.09	50.32	44.71	40.45	36.88		
		-0.80	-0.64	-0.70	-0.63	-0.57	-0.64	-0.93	-0.98	-0.99	-1.08	-1.13	-1.03	-1.15	-1.15	-1.18	-1.17	-1.26	-0.95	-1.47	-1.65	-1.16	-0.97	-0.71	-0.72		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.71	0.77	0.68	1.01	1.63	1.20	1.59	1.78	1.18	17.79	15.24	1.37	0.45	0.47	0.38		
AKWESSNE_115KV_BK	355683	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
		38.56	34.43	31.92	30.65	30.83	27.36	38.12	43.08	44.64	44.75	46.24	44.28	51.37	48.73	54.43	65.13	70.17	78.82	69.08	63.28	48.68	43.36	37.12	34.08		
		0.40	0.39	0.33	0.32	0.29	0.37	0.35	0.30	0.40	0.39	0.39	0.39	0.31	0.37	0.45	0.32	0.35	-0.24	0.63	0.66	0.53	0.42	0.37	0.34		
		2.07	1.54	1.70	1.27	1.21	6.52	6.46	6.42	5.34	4.57	3.14	5.33	1.01	3.87	2.25	0.00	0.00	0.00	1.36	3.35	4.70	3.18	4.88	4.25		
ALBANY_1_SOLAR	323833	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
		39.62	35.07	32.79	31.14	31.34	33.01	43.56	48.32	48.69	47.48	47.35	47.57	50.09	49.82	54.07	61.84	65.16	77.47	56.59	54.41	51.23	45.32	40.98	38.03		
		-0.60	-0.50	-0.50	-0.47	-0.41	-0.50	-0.66	-0.59	-0.89	-0.98	-1.12	-1.18	-1.30	-1.30	-1.35	-1.30	-1.25	-0.79	-1.05	-1.12	-0.69	-0.51	-0.33	0.30		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.48	0.52	0.46	0.68	1.11	0.81	1.67	3.40	0.80	12.19	10.44	0.94	0.30	0.32	0.26		
ALBANY_2_SOLAR	323834	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
		39.62	35.07	32.79	31.14	31.34	33.01	43.56	48.32	48.69	47.48	47.35	47.57	50.09	49.82	54.07	61.84	65.16	77.47	56.60	54.36	51.23	45.27	40.98	37.99		
		-0.60	-0.50	-0.50	-0.47	-0.41	-0.50	-0.66	-0.59	-0.89	-0.98	-1.12	-1.18	-1.30	-1.30	-1.35	-1.30	-1.25	-0.79	-1.05	-1.19	-0.69	-0.55	-0.33	0.27		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.48	0.52	0.46	0.68	1.11	0.81	1.67	3.40	0.80	12.18	10.43	0.93	0.30	0.32	0.26		
ALBANY__1	23571	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
		39.42	34.93	32.59	30.98	31.18	32.88	43.30	47.79	48.59	47.15	47.10	47.50	49.92	49.45	53.85	62.05	66.78	76.93	50.56	49.09	50.32	44.71	40.45	36.88		
		-0.80	-0.64	-0.70	-0.63	-0.57	-0.64	-0.93	-0.98	-0.99	-1.08	-1.13	-1.03	-1.15	-1.15	-1.18	-1.17	-1.26	-0.95	-1.47	-1.65	-1.16	-0.97	-0.71	-0.72		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.71	0.77	0.68	1.01													

ALBANY___2 23572	39.42 -0.80 0.00	34.93 -0.64 0.00	32.59 -0.70 0.00	30.98 -0.63 0.00	31.18 -0.57 0.00	32.88 -0.64 0.00	43.30 -0.93 0.00	47.79 -0.98 0.44	48.59 -0.99 0.00	47.15 -1.08 0.71	47.10 -1.13 0.77	47.50 -1.03 0.68	49.92 -1.15 1.01	49.45 -1.15 1.63	53.85 -1.18 1.20	62.05 -1.17 1.59	66.78 -1.26 1.78	76.93 -0.95 1.18	50.56 -1.47 17.79	49.09 -1.65 15.24	50.32 -1.16 1.37	44.71 -0.97 0.45	40.45 -0.71 0.47	36.88 -0.72 0.38
ALBANY___3 23573	39.42 -0.80 0.00	34.93 -0.64 0.00	32.59 -0.70 0.00	30.98 -0.63 0.00	31.18 -0.57 0.00	32.88 -0.64 0.00	43.30 -0.93 0.00	47.79 -0.98 0.44	48.59 -0.99 0.00	47.15 -1.08 0.71	47.10 -1.13 0.77	47.50 -1.03 0.68	49.92 -1.15 1.01	49.45 -1.15 1.63	53.85 -1.18 1.20	62.05 -1.17 1.59	66.78 -1.26 1.78	76.93 -0.95 1.18	50.56 -1.47 17.79	49.09 -1.65 15.24	50.32 -1.16 1.37	44.71 -0.97 0.45	40.45 -0.71 0.47	36.88 -0.72 0.38
ALBANY___4 23574	39.42 -0.80 0.00	34.93 -0.64 0.00	32.59 -0.70 0.00	30.98 -0.63 0.00	31.18 -0.57 0.00	32.88 -0.64 0.00	43.30 -0.93 0.00	47.79 -0.98 0.44	48.59 -0.99 0.00	47.15 -1.08 0.71	47.10 -1.13 0.77	47.50 -1.03 0.68	49.92 -1.15 1.01	49.45 -1.15 1.63	53.85 -1.18 1.20	62.05 -1.17 1.59	66.78 -1.26 1.78	76.93 -0.95 1.18	50.56 -1.47 17.79	49.09 -1.65 15.24	50.32 -1.16 1.37	44.71 -0.97 0.45	40.45 -0.71 0.47	36.88 -0.72 0.38
ALBANY___LFGE 323615	39.86 -0.36 0.00	35.32 -0.25 0.00	32.99 -0.30 0.00	31.29 -0.32 0.00	31.49 -0.26 0.00	33.24 -0.27 0.00	43.83 -0.40 0.00	48.51 -0.29 0.41	49.19 -0.40 0.00	47.66 -0.49 0.78	47.60 -0.54 0.85	47.97 -0.49 0.75	50.44 -0.52 1.11	50.01 -0.52 1.70	54.35 -0.56 1.32	62.60 -0.45 1.76	67.36 -0.49 1.97	77.59 -0.16 1.31	52.26 -0.63 16.93	50.77 -0.79 14.42	51.06 -0.48 1.31	45.26 -0.37 0.50	40.86 -0.25 0.52	37.26 -0.31 0.43
ALCOA_PA_115KV_PL-6C 55860	64.24 0.68 -23.33	53.48 0.60 -17.30	53.04 0.57 -19.19	46.51 0.54 -14.37	45.86 0.51 -13.60	107.60 0.60 -73.48	117.73 0.66 -72.84	122.17 0.59 -72.37	110.57 0.69 -60.30	101.20 0.69 -51.58	85.15 0.69 -35.47	110.06 0.69 -60.16	64.09 0.62 -11.39	96.66 0.73 -43.69	82.51 0.84 -25.44	65.58 0.78 0.00	70.52 0.70 0.00	79.21 0.16 0.00	86.22 1.05 -15.36	104.90 1.12 -37.80	106.64 0.85 -52.94	82.73 0.74 -35.87	97.33 0.67 -55.03	86.41 0.57 -47.85
ALCOA_RYNLDS___DRP 24188	64.24 0.68 -23.33	53.48 0.60 -17.30	53.04 0.57 -19.19	46.51 0.54 -14.37	45.86 0.51 -13.60	107.60 0.60 -73.48	117.73 0.66 -72.84	122.17 0.59 -72.37	110.57 0.69 -60.30	101.20 0.69 -51.58	85.15 0.69 -35.47	110.06 0.69 -60.16	64.09 0.62 -11.39	96.66 0.73 -43.69	82.51 0.84 -25.44	65.58 0.78 0.00	70.52 0.70 0.00	79.21 0.16 0.00	86.22 1.05 -15.36	104.90 1.12 -37.80	106.64 0.85 -52.94	82.73 0.74 -35.87	97.33 0.67 -55.03	86.41 0.57 -47.85
ALCOA___DSASP 323711	64.24 0.68 -23.33	53.48 0.60 -17.30	53.04 0.57 -19.19	46.51 0.54 -14.37	45.86 0.51 -13.60	107.60 0.60 -73.48	117.73 0.66 -72.84	122.17 0.59 -72.37	110.57 0.69 -60.30	101.20 0.68 -51.58	85.20 0.74 -35.47	110.06 0.69 -60.16	64.09 0.63 -11.39	96.66 0.73 -43.69	82.51 0.84 -25.44	65.39 0.58 0.00	70.59 0.77 0.00	79.29 0.24 0.00	86.23 1.05 -15.36	104.90 1.12 -37.80	106.58 0.79 -52.94	82.59 0.60 -35.87	97.24 0.58 -55.03	86.41 0.57 -47.85
ALLEGHENY___COGEN 23514	44.21 2.54 -1.44	38.67 2.03 -1.08	36.27 2.10 -0.89	34.45 2.09 -0.75	34.55 2.03 -0.76	37.42 2.45 -1.47	49.20 3.09 -1.88	54.65 3.30 -2.14	54.51 2.78 -2.15	53.51 2.74 -1.84	52.96 2.15 -1.81	52.86 1.72 -1.93	56.09 1.82 -2.20	56.53 2.14 -2.15	60.41 2.14 -2.04	68.30 2.46 -1.04	75.42 3.28 -2.32	87.35 4.35 -3.95	79.08 5.38 -3.88	75.47 5.41 -4.09	59.39 3.97 -2.58	51.61 3.46 -2.02	45.91 2.75 -1.54	42.07 2.70 -1.39
ALTAMONT_115KV_TB 2 55880	40.19 -0.04 0.00	35.54 -0.04 0.00	33.25 -0.03 0.00	31.58 -0.03 0.00	31.72 -0.03 0.00	33.45 -0.07 0.00	44.18 -0.04 0.00	48.95 -0.05 0.21	49.48 -0.10 0.00	48.32 -0.15 0.46	48.30 -0.20 0.50	48.62 -0.15 0.44	51.26 -0.16 0.65	51.12 -0.16 0.95	55.28 -0.17 0.78	63.81 0.00 0.99	68.81 0.00 1.01	78.76 0.47 0.77	60.81 -0.14 8.87	58.13 -0.33 7.52	52.05 -0.11 0.69	45.74 -0.09 0.29	41.41 0.08 0.30	37.74 0.00 0.25
ALTONA_WT_PWR 323606	42.68 1.41 -1.05	37.56 1.21 -0.78	35.21 1.06 -0.86	33.20 0.95 -0.64	33.31 0.95 -0.61	37.91 1.10 -3.30	47.45 -0.04 -3.27	51.57 -0.88 -3.25	51.65 -0.65 -2.71	50.52 -0.73 -2.32	50.69 0.10 -1.59	51.18 -0.74 -2.70	51.65 -0.94 -0.51	53.31 -0.89 -1.96	56.47 -0.90 -1.14	63.12 -1.69 0.00	68.35 -1.47 0.00	76.76 -2.30 0.00	69.39 -1.12 -0.69	66.41 -1.26 -1.70	53.91 -1.32 -2.37	46.81 -0.92 -1.61	44.55 0.46 -2.47	41.31 1.18 -2.15
AMERICAN_REF_FUEL 24010	41.52 0.04 -1.26	36.37 -0.14 -0.94	34.23 0.17 -0.77	32.64 0.38 -0.65	32.54 0.13 -0.66	35.12 0.34 -1.28	45.28 -0.58 -1.64	49.54 -1.53 -1.86	49.77 -1.69 -1.87	49.60 -0.93 -1.60	49.63 -0.93 -1.57	49.81 -1.08 -1.68	53.41 -0.57 -1.91	53.48 -0.62 -1.88	56.88 -1.12 -1.78	63.50 -2.20 -0.90	69.46 -2.37 -2.02	79.25 -3.24 -3.43	72.08 -1.12 -3.38	68.67 -0.86 -3.56	54.14 -0.95 -2.24	47.52 -0.37 -1.76	42.42 -0.54 -1.34	39.49 0.30 -1.21
ARKWRIGHT___SUMMIT_WT_PWR 323751	43.41 1.89 -1.29	38.06 1.53 -0.96	35.75 1.66 -0.79	34.08 1.80 -0.67	34.05 1.62 -0.68	36.77 1.94 -1.31	47.94 2.04 -1.68	52.75 1.62 -1.92	52.95 1.44 -1.93	52.68 2.10 -1.64	52.58 1.96 -1.62	52.86 1.92 -1.72	56.64 2.60 -1.97	56.67 2.51 -1.93	60.25 2.19 -1.83	67.16 1.42 -0.93	73.78 1.89 -2.08	84.33 1.74 -3.54	76.65 3.35 -3.48	72.80 3.17 -3.66	57.12 1.96 -2.31	49.69 1.75 -1.81	43.92 0.91 -1.38	40.56 1.33 -1.24
ARTHUR KILL_GT_1 23520	25.18 2.13 17.18	22.40 1.81 14.98	16.16 1.66 18.80	31.53 0.63 0.71	31.53 0.63 0.86	31.96 0.60 2.15	35.30 0.80 9.72	37.86 0.59 11.94	38.01 0.99 12.57	35.28 1.08 14.72	35.72 1.37 14.65	28.04 1.57 22.75	26.24 1.67 27.49	26.97 1.62 26.88	28.50 1.97 29.69	38.06 2.72 29.47	38.91 2.16 33.08	42.38 2.93 39.60	39.71 1.82 31.93	39.67 1.32 27.62	39.27 0.85 14.43	38.79 0.88 8.22	32.97 1.12 9.78	30.58 0.87 8.28
ARTHUR_KILL_2 23512	25.02 1.97 17.18	22.33 1.74 14.98	16.06 1.56 18.80	31.43 0.54 0.71	31.43 0.54 0.86	31.83 0.47 2.15	35.17 0.66 9.72	37.86 0.59 11.94	37.86 0.84 12.57	35.09 0.88 14.72	35.57 1.23 14.65	27.84 1.38 22.75	26.03 1.46 27.49	26.81 1.46 26.88	28.34 1.80 29.69	37.86 2.52 29.47	38.21 1.47 33.08	41.50 2.05 39.61	38.80 0.91 31.93	39.41 1.05 27.62	39.11 0.69 14.43	38.74 0.83 8.22	32.93 1.08 9.78	30.42 0.72 8.28
ARTHUR_KILL_3 23513	24.45 1.41 17.18	21.82 1.24 14.99	15.62 1.13 18.80	31.71 0.82 0.72	31.71 0.82 0.86	32.19 0.84 2.16	35.73 1.24 9.73	38.59 1.33 11.95	38.55 1.54 12.57	35.67 1.47 14.73	36.00 1.67 14.66	28.18 1.72 22.76	26.60 2.03 27.50	27.33 1.98 26.89	28.78 2.25 29.70	38.25 2.92 29.48	39.60 2.86 33.08	43.15 3.72 39.62	40.26 2.38 31.93	40.26 1.91 27.63	39.85 1.43 14.43	39.15 1.25 8.23	33.17 1.33 9.79	30.72 1.03 8.29

ARTHUR_KILL_COGEN 323718	25.18 2.13 17.18	22.44 1.85 14.98	16.15 1.66 18.80	31.53 0.63 0.71	31.53 0.63 0.86	31.96 0.60 2.15	35.30 0.80 9.72	38.01 0.74 11.94	38.01 0.99 12.57	35.28 1.08 14.72	35.71 1.37 14.65	27.99 1.53 22.75	26.24 1.67 27.49	26.97 1.62 26.88	28.50 1.97 29.69	38.12 2.78 29.47	38.49 1.75 33.08	41.82 2.37 39.61	39.08 1.19 31.93	39.74 1.39 27.62	39.32 0.90 14.43	38.92 1.01 8.22	33.09 1.25 9.78	30.58 0.87 8.28
ASHOKAN____ 23654	40.83 0.60 0.00	36.07 0.50 0.00	33.72 0.43 0.00	31.96 0.35 0.00	32.32 0.57 0.00	34.05 0.53 0.00	45.06 0.84 0.00	51.36 2.36 0.22	50.03 0.45 0.00	50.45 1.52 0.00	50.12 1.13 0.00	50.25 1.04 0.00	53.32 1.25 0.00	53.11 1.20 0.32	57.58 1.35 0.00	66.35 2.20 0.66	70.12 2.72 2.41	83.09 4.03 0.00	65.05 3.35 8.12	61.56 2.77 7.18	54.85 2.59 0.59	48.30 2.17 0.00	43.75 2.12 0.00	39.73 1.75 0.00
ASTORIA_EAST_ENERGY_CC1 323581	42.09 1.85 -0.01	37.22 1.64 -0.01	34.79 1.50 -0.01	32.72 1.11 -0.01	32.87 1.11 -0.01	34.59 1.07 0.00	45.33 1.11 0.00	50.26 0.98 -0.06	51.46 1.29 -0.59	51.73 1.27 -1.53	51.53 1.52 -1.02	51.73 1.62 -0.90	55.32 1.93 -1.33	55.40 1.88 -1.29	60.00 2.19 -1.58	69.82 2.92 -2.10	74.75 2.58 -2.35	83.93 3.32 -1.56	73.58 2.03 -1.73	68.51 1.65 -0.88	54.23 1.16 -0.22	47.97 1.25 -0.60	44.00 1.75 -0.62	39.91 1.41 -0.52
ASTORIA_EAST_ENERGY_CC2 323582	42.05 1.81 -0.01	37.22 1.64 -0.01	34.79 1.50 -0.01	32.69 1.08 -0.01	32.87 1.11 -0.01	34.59 1.07 0.00	45.33 1.11 0.00	50.26 0.98 -0.06	51.41 1.24 -0.59	51.69 1.22 -1.53	51.48 1.47 -1.02	51.73 1.62 -0.90	55.27 1.87 -1.33	55.35 1.83 -1.29	60.00 2.19 -1.58	69.75 2.85 -2.10	74.68 2.51 -2.35	83.93 3.32 -1.56	73.58 2.03 -1.73	68.44 1.58 -0.88	54.18 1.11 -0.22	47.92 1.20 -0.60	44.00 1.75 -0.62	39.87 1.37 -0.52
ASTORIA_GT2_1 24094	42.08 1.85 -0.01	37.18 1.60 -0.01	34.79 1.50 -0.01	32.72 1.11 -0.01	32.87 1.11 -0.01	34.59 1.07 0.00	45.33 1.11 0.00	50.12 0.84 -0.07	51.42 1.24 -0.60	51.74 1.27 -1.54	51.54 1.52 -1.02	51.79 1.67 -0.90	55.33 1.93 -1.33	55.41 1.88 -1.30	60.01 2.19 -1.58	69.76 2.85 -2.10	74.90 2.72 -2.36	84.26 3.64 -1.57	73.80 2.23 -1.74	68.52 1.65 -0.89	54.19 1.11 -0.22	47.83 1.11 -0.60	43.91 1.67 -0.62	39.91 1.41 -0.52
ASTORIA_GT2_2 24095	42.08 1.85 -0.01	37.18 1.60 -0.01	34.79 1.50 -0.01	32.72 1.11 -0.01	32.87 1.11 -0.01	34.59 1.07 0.00	45.33 1.11 0.00	50.12 0.84 -0.07	51.42 1.24 -0.60	51.74 1.27 -1.54	51.54 1.52 -1.02	51.79 1.67 -0.90	55.33 1.93 -1.33	55.41 1.88 -1.30	60.01 2.19 -1.58	69.76 2.85 -2.10	74.90 2.72 -2.36	84.26 3.64 -1.57	73.80 2.23 -1.74	68.52 1.65 -0.89	54.19 1.11 -0.22	47.83 1.11 -0.60	43.91 1.67 -0.62	39.91 1.41 -0.52
ASTORIA_GT2_3 24096	42.08 1.85 -0.01	37.18 1.60 -0.01	34.79 1.50 -0.01	32.72 1.11 -0.01	32.87 1.11 -0.01	34.59 1.07 0.00	45.33 1.11 0.00	50.12 0.84 -0.07	51.42 1.24 -0.60	51.74 1.27 -1.54	51.54 1.52 -1.02	51.79 1.67 -0.90	55.33 1.93 -1.33	55.41 1.88 -1.30	60.01 2.19 -1.58	69.76 2.85 -2.10	74.90 2.72 -2.36	84.26 3.64 -1.57	73.80 2.23 -1.74	68.52 1.65 -0.89	54.19 1.11 -0.22	47.83 1.11 -0.60	43.91 1.67 -0.62	39.91 1.41 -0.52
ASTORIA_GT2_4 24097	42.08 1.85 -0.01	37.18 1.60 -0.01	34.79 1.50 -0.01	32.72 1.11 -0.01	32.87 1.11 -0.01	34.59 1.07 0.00	45.33 1.11 0.00	50.12 0.84 -0.07	51.42 1.24 -0.60	51.74 1.27 -1.54	51.54 1.52 -1.02	51.79 1.67 -0.90	55.33 1.93 -1.33	55.41 1.88 -1.30	60.01 2.19 -1.58	69.76 2.85 -2.10	74.90 2.72 -2.36	84.26 3.64 -1.57	73.80 2.23 -1.74	68.52 1.65 -0.89	54.19 1.11 -0.22	47.83 1.11 -0.60	43.91 1.67 -0.62	39.91 1.41 -0.52
ASTORIA_GT3_1 24098	42.08 1.85 -0.01	37.18 1.60 -0.01	34.79 1.50 -0.01	32.72 1.11 -0.01	32.87 1.11 -0.01	34.59 1.07 0.00	45.33 1.11 0.00	50.12 0.84 -0.07	51.42 1.24 -0.60	51.74 1.27 -1.54	51.54 1.52 -1.02	51.79 1.67 -0.90	55.33 1.93 -1.33	55.41 1.88 -1.30	60.01 2.19 -1.58	69.76 2.85 -2.10	74.90 2.72 -2.36	84.26 3.64 -1.57	73.80 2.23 -1.74	68.52 1.65 -0.89	54.19 1.11 -0.22	47.83 1.11 -0.60	43.91 1.67 -0.62	39.91 1.41 -0.52
ASTORIA_GT3_2 24099	42.08 1.85 -0.01	37.18 1.60 -0.01	34.79 1.50 -0.01	32.72 1.11 -0.01	32.87 1.11 -0.01	34.59 1.07 0.00	45.33 1.11 0.00	50.12 0.84 -0.07	51.42 1.24 -0.60	51.74 1.27 -1.54	51.54 1.52 -1.02	51.79 1.67 -0.90	55.33 1.93 -1.33	55.41 1.88 -1.30	60.01 2.19 -1.58	69.76 2.85 -2.10	74.90 2.72 -2.36	84.26 3.64 -1.57	73.80 2.23 -1.74	68.52 1.65 -0.89	54.19 1.11 -0.22	47.83 1.11 -0.60	43.91 1.67 -0.62	39.91 1.41 -0.52
ASTORIA_GT3_3 24100	42.08 1.85 -0.01	37.18 1.60 -0.01	34.79 1.50 -0.01	32.72 1.11 -0.01	32.87 1.11 -0.01	34.59 1.07 0.00	45.33 1.11 0.00	50.12 0.84 -0.07	51.42 1.24 -0.60	51.74 1.27 -1.54	51.54 1.52 -1.02	51.79 1.67 -0.90	55.33 1.93 -1.33	55.41 1.88 -1.30	60.01 2.19 -1.58	69.76 2.85 -2.10	74.90 2.72 -2.36	84.26 3.64 -1.57	73.80 2.23 -1.74	68.52 1.65 -0.89	54.19 1.11 -0.22	47.83 1.11 -0.60	43.91 1.67 -0.62	39.91 1.41 -0.52
ASTORIA_GT3_4 24101	42.08 1.85 -0.01	37.18 1.60 -0.01	34.79 1.50 -0.01	32.72 1.11 -0.01	32.87 1.11 -0.01	34.59 1.07 0.00	45.33 1.11 0.00	50.12 0.84 -0.07	51.42 1.24 -0.60	51.74 1.27 -1.54	51.54 1.52 -1.02	51.79 1.67 -0.90	55.33 1.93 -1.33	55.41 1.88 -1.30	60.01 2.19 -1.58	69.76 2.85 -2.10	74.90 2.72 -2.36	84.26 3.64 -1.57	73.80 2.23 -1.74	68.52 1.65 -0.89	54.19 1.11 -0.22	47.83 1.11 -0.60	43.91 1.67 -0.62	39.91 1.41 -0.52
ASTORIA_GT4_1 24102	42.08 1.85 -0.01	37.18 1.60 -0.01	34.79 1.50 -0.01	32.72 1.11 -0.01	32.87 1.11 -0.01	34.59 1.07 0.00	45.33 1.11 0.00	50.12 0.84 -0.07	51.42 1.24 -0.60	51.74 1.27 -1.54	51.54 1.52 -1.02	51.79 1.67 -0.90	55.33 1.93 -1.33	55.41 1.88 -1.30	60.01 2.19 -1.58	69.76 2.85 -2.10	74.90 2.72 -2.36	84.26 3.64 -1.57	73.80 2.23 -1.74	68.52 1.65 -0.89	54.19 1.11 -0.22	47.83 1.11 -0.60	43.91 1.67 -0.62	39.91 1.41 -0.52
ASTORIA_GT4_2 24103	42.08 1.85 -0.01	37.18 1.60 -0.01	34.79 1.50 -0.01	32.72 1.11 -0.01	32.87 1.11 -0.01	34.59 1.07 0.00	45.33 1.11 0.00	50.12 0.84 -0.07	51.42 1.24 -0.60	51.74 1.27 -1.54	51.54 1.52 -1.02	51.79 1.67 -0.90	55.33 1.93 -1.33	55.41 1.88 -1.30	60.01 2.19 -1.58	69.76 2.85 -2.10	74.90 2.72 -2.36	84.26 3.64 -1.57	73.80 2.23 -1.74	68.52 1.65 -0.89	54.19 1.11 -0.22	47.83 1.11 -0.60	43.91 1.67 -0.62	39.91 1.41 -0.52
ASTORIA_GT4_3 24104	42.08 1.85 -0.01	37.18 1.60 -0.01	34.79 1.50 -0.01	32.72 1.11 -0.01	32.87 1.11 -0.01	34.59 1.07 0.00	45.33 1.11 0.00	50.12 0.84 -0.07	51.42 1.24 -0.60	51.74 1.27 -1.54	51.54 1.52 -1.02	51.79 1.67 -0.90	55.33 1.93 -1.33	55.41 1.88 -1.30	60.01 2.19 -1.58	69.76 2.85 -2.10	74.90 2.72 -2.36	84.26 3.64 -1.57	73.80 2.23 -1.74	68.52 1.65 -0.89	54.19 1.11 -0.22	47.83 1.11 -0.60	43.91 1.67 -0.62	39.91 1.41 -0.52

ASTORIA_GT4_4 24105	42.08 1.85 -0.01	37.18 1.60 -0.01	34.79 1.50 -0.01	32.72 1.11 -0.01	32.87 1.11 -0.01	34.59 1.07 0.00	45.33 1.11 0.00	50.12 0.84 -0.07	51.42 1.24 -0.60	51.74 1.27 -1.54	51.54 1.52 -1.02	51.79 1.67 -0.90	55.33 1.93 -1.33	55.41 1.88 -1.30	60.01 2.19 -1.58	69.76 2.85 -2.10	74.90 2.72 -2.36	84.26 3.64 -1.57	73.80 2.23 -1.74	68.52 1.65 -0.89	54.19 1.11 -0.22	47.83 1.11 -0.60	43.91 1.67 -0.62	39.91 1.41 -0.52
ASTORIA_GT_1 23523	42.16 1.93 -0.01	37.25 1.67 -0.01	34.86 1.56 -0.01	32.79 1.17 -0.01	32.93 1.17 -0.01	34.65 1.14 0.00	45.46 1.24 0.00	50.26 0.98 -0.07	51.57 1.39 -0.60	51.89 1.42 -1.54	51.64 1.62 -1.02	51.94 1.82 -0.90	55.49 2.08 -1.33	55.57 2.04 -1.30	60.18 2.36 -1.58	69.96 3.05 -2.10	75.11 2.93 -2.36	84.42 3.79 -1.57	74.01 2.44 -1.74	68.71 1.85 -0.89	54.35 1.27 -0.22	47.97 1.25 -0.60	44.00 1.75 -0.62	39.99 1.48 -0.52
ASTORIA_GT_10 24110	41.92 1.69 0.00	37.03 1.46 0.00	34.65 1.36 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.49 0.97 0.00	45.42 1.19 0.00	50.29 1.08 0.00	51.07 1.49 0.00	51.34 1.47 -0.94	51.68 1.67 -1.02	51.99 1.87 -0.90	55.54 2.13 -1.33	55.62 2.09 -1.30	60.18 2.36 -1.58	69.96 3.05 -2.10	75.18 3.00 -2.36	84.50 3.87 -1.57	74.01 2.44 -1.74	68.71 1.85 -0.89	54.40 1.32 -0.22	47.88 1.15 -0.60	43.66 1.42 -0.62	39.71 1.22 -0.51
ASTORIA_GT_11 24225	41.92 1.69 0.00	37.03 1.46 0.00	34.65 1.36 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.49 0.97 0.00	45.42 1.19 0.00	50.29 1.08 0.00	51.07 1.49 0.00	51.34 1.47 -0.94	51.68 1.67 -1.02	51.99 1.87 -0.90	55.54 2.13 -1.33	55.62 2.09 -1.30	60.18 2.36 -1.58	69.96 3.05 -2.10	75.18 3.00 -2.36	84.50 3.87 -1.57	74.01 2.44 -1.74	68.71 1.85 -0.89	54.40 1.32 -0.22	47.88 1.15 -0.60	43.66 1.42 -0.62	39.71 1.22 -0.51
ASTORIA_GT_12 24226	41.92 1.69 0.00	37.03 1.46 0.00	34.65 1.36 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.49 0.97 0.00	45.42 1.19 0.00	50.29 1.08 0.00	51.07 1.49 0.00	51.34 1.47 -0.94	51.68 1.67 -1.02	51.99 1.87 -0.90	55.54 2.13 -1.33	55.62 2.09 -1.30	60.18 2.36 -1.58	69.96 3.05 -2.10	75.18 3.00 -2.36	84.50 3.87 -1.57	74.01 2.44 -1.74	68.71 1.85 -0.89	54.40 1.32 -0.22	47.88 1.15 -0.60	43.66 1.42 -0.62	39.71 1.22 -0.51
ASTORIA_GT_13 24227	41.92 1.69 0.00	37.03 1.46 0.00	34.65 1.36 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.49 0.97 0.00	45.42 1.19 0.00	50.29 1.08 0.00	51.07 1.49 0.00	51.34 1.47 -0.94	51.68 1.67 -1.02	51.99 1.87 -0.90	55.54 2.13 -1.33	55.62 2.09 -1.30	60.18 2.36 -1.58	69.96 3.05 -2.10	75.18 3.00 -2.36	84.50 3.87 -1.57	74.01 2.44 -1.74	68.71 1.85 -0.89	54.40 1.32 -0.22	47.88 1.15 -0.60	43.66 1.42 -0.62	39.71 1.22 -0.51
ASTORIA_GT_5 24106	42.16 1.93 -0.01	37.25 1.67 -0.01	34.86 1.56 -0.01	32.79 1.17 -0.01	32.93 1.17 -0.01	34.65 1.14 0.00	45.46 1.24 0.00	50.26 0.98 -0.07	51.57 1.39 -0.60	51.89 1.42 -1.54	51.64 1.62 -1.02	51.94 1.82 -0.90	55.49 2.08 -1.33	55.57 2.04 -1.30	60.18 2.36 -1.58	69.96 3.05 -2.10	75.11 2.93 -2.36	84.42 3.79 -1.57	74.01 2.44 -1.74	68.71 1.85 -0.89	54.35 1.27 -0.22	47.97 1.25 -0.60	44.00 1.75 -0.62	39.99 1.48 -0.52
ASTORIA_GT_7 24107	42.16 1.93 -0.01	37.25 1.67 -0.01	34.86 1.56 -0.01	32.79 1.17 -0.01	32.93 1.17 -0.01	34.65 1.14 0.00	45.46 1.24 0.00	50.26 0.98 -0.07	51.57 1.39 -0.60	51.89 1.42 -1.54	51.64 1.62 -1.02	51.94 1.82 -0.90	55.49 2.08 -1.33	55.57 2.04 -1.30	60.18 2.36 -1.58	69.96 3.05 -2.10	75.11 2.93 -2.36	84.42 3.79 -1.57	74.01 2.44 -1.74	68.71 1.85 -0.89	54.35 1.27 -0.22	47.97 1.25 -0.60	44.00 1.75 -0.62	39.99 1.48 -0.52
ASTORIA_GT_8 24108	42.16 1.93 -0.01	37.25 1.67 -0.01	34.86 1.56 -0.01	32.79 1.17 -0.01	32.93 1.17 -0.01	34.65 1.14 0.00	45.46 1.24 0.00	50.26 0.98 -0.07	51.57 1.39 -0.60	51.89 1.42 -1.54	51.64 1.62 -1.02	51.94 1.82 -0.90	55.49 2.08 -1.33	55.57 2.04 -1.30	60.18 2.36 -1.58	69.96 3.05 -2.10	75.11 2.93 -2.36	84.42 3.79 -1.57	74.01 2.44 -1.74	68.71 1.85 -0.89	54.35 1.27 -0.22	47.97 1.25 -0.60	44.00 1.75 -0.62	39.99 1.48 -0.52
ASTORIA___2 24149	42.09 1.85 -0.01	37.22 1.64 -0.01	34.79 1.50 -0.01	32.72 1.11 -0.01	32.87 1.11 -0.01	34.59 1.07 0.00	45.33 1.11 0.00	50.26 0.98 -0.06	51.46 1.29 -0.59	51.73 1.27 -1.53	51.53 1.52 -1.02	51.73 1.62 -0.90	55.32 1.93 -1.33	55.40 1.88 -1.29	60.00 2.19 -1.58	69.82 2.92 -2.10	74.75 2.58 -2.35	83.93 3.32 -1.56	73.58 2.03 -1.73	68.51 1.65 -0.88	54.23 1.16 -0.22	47.97 1.25 -0.60	44.00 1.75 -0.62	39.91 1.41 -0.52
ASTORIA___3 23516	41.92 1.69 0.00	37.10 1.53 0.00	34.65 1.37 0.00	32.59 0.98 0.00	32.73 0.99 0.00	34.49 0.97 0.00	45.42 1.19 0.00	50.44 1.23 0.00	51.07 1.49 0.00	51.34 1.47 -0.94	51.73 1.71 -1.02	51.94 1.82 -0.90	55.49 2.08 -1.33	55.57 2.04 -1.30	60.18 2.36 -1.58	70.02 3.11 -2.10	74.97 2.80 -2.36	84.18 3.56 -1.57	73.80 2.23 -1.74	68.71 1.84 -0.89	54.40 1.32 -0.22	48.02 1.29 -0.60	43.79 1.54 -0.62	39.71 1.22 -0.51
ASTORIA___4 23517	41.92 1.69 0.00	37.03 1.46 0.00	34.65 1.36 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.49 0.97 0.00	45.42 1.19 0.00	50.29 1.08 0.00	51.07 1.49 0.00	51.34 1.47 -0.94	51.68 1.67 -1.02	51.99 1.87 -0.90	55.54 2.13 -1.33	55.62 2.09 -1.30	60.18 2.36 -1.58	69.96 3.05 -2.10	75.18 3.00 -2.36	84.50 3.87 -1.57	74.01 2.44 -1.74	68.71 1.85 -0.89	54.40 1.32 -0.22	47.88 1.15 -0.60	43.66 1.42 -0.62	39.71 1.22 -0.51
ASTORIA___5 23518	41.92 1.69 0.00	37.07 1.49 0.00	34.65 1.37 0.00	32.59 0.98 0.00	32.73 0.99 0.00	34.49 0.97 0.00	45.42 1.19 0.00	50.44 1.23 0.00	51.07 1.49 0.00	51.34 1.47 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.49 2.08 -1.33	55.57 2.04 -1.30	60.18 2.36 -1.58	70.02 3.11 -2.10	74.97 2.80 -2.36	84.18 3.56 -1.57	73.80 2.23 -1.74	68.71 1.84 -0.89	54.40 1.32 -0.22	48.02 1.29 -0.60	43.79 1.54 -0.62	39.71 1.22 -0.51
AST_ENERGY_2_CC3 323677	30.31 1.41 11.32	24.61 1.28 12.24	24.61 1.16 9.84	24.61 0.76 7.76	24.61 0.76 7.90	24.61 0.74 9.64	24.61 0.66 20.28	27.46 0.49 22.25	28.94 0.79 21.43	30.75 0.74 18.91	34.16 1.03 15.87	32.97 1.13 17.38	36.21 1.35 17.21	36.29 1.36 17.30	41.12 1.63 16.75	50.74 2.20 16.27	55.46 1.89 16.24	63.23 2.53 18.36	54.29 1.32 16.86	49.20 0.92 17.70	34.89 0.64 18.60	32.27 0.74 14.59	28.13 1.33 14.83	27.46 0.99 11.51
AST_ENERGY_2_CC4 323678	30.31 1.41 11.32	24.61 1.28 12.24	24.61 1.16 9.84	24.61 0.76 7.76	24.61 0.76 7.90	24.61 0.74 9.64	24.61 0.66 20.28	27.46 0.49 22.25	28.94 0.79 21.43	30.75 0.74 18.91	34.16 1.03 15.87	32.97 1.13 17.38	36.21 1.35 17.21	36.29 1.36 17.30	41.12 1.63 16.75	50.74 2.20 16.27	55.46 1.89 16.24	63.23 2.53 18.36	54.29 1.32 16.86	49.20 0.92 17.70	34.89 0.64 18.60	32.27 0.74 14.59	28.13 1.33 14.83	27.46 0.99 11.51

ATHENS_STG_1 23668	40.51 0.28 0.00	35.85 0.28 0.00	33.52 0.23 0.00	31.80 0.19 0.00	31.94 0.19 0.00	33.61 0.10 0.00	44.45 0.22 0.00	49.51 0.30 0.00	49.88 0.30 0.00	49.52 0.20 -0.39	49.66 0.25 -0.42	49.89 0.30 -0.37	52.99 0.37 -0.55	53.14 0.37 -0.54	57.28 0.40 -0.65	66.32 0.65 -0.87	71.42 0.63 -0.98	80.81 1.11 -0.65	70.75 0.21 -0.72	66.41 0.07 -0.37	53.16 0.21 -0.09	46.61 0.23 -0.25	42.22 0.33 -0.26	38.43 0.23 -0.21
ATHENS_STG_2 23670	40.51 0.28 0.00	35.85 0.28 0.00	33.52 0.23 0.00	31.80 0.19 0.00	31.94 0.19 0.00	33.61 0.10 0.00	44.45 0.22 0.00	49.51 0.30 0.00	49.88 0.30 0.00	49.52 0.20 -0.39	49.66 0.25 -0.42	49.89 0.30 -0.37	52.99 0.37 -0.55	53.14 0.37 -0.54	57.28 0.40 -0.65	66.32 0.65 -0.87	71.42 0.63 -0.98	80.81 1.11 -0.65	70.75 0.21 -0.72	66.41 0.07 -0.37	53.16 0.21 -0.09	46.61 0.23 -0.25	42.22 0.33 -0.26	38.43 0.23 -0.21
ATHENS_STG_3 23677	40.51 0.28 0.00	35.85 0.28 0.00	33.52 0.23 0.00	31.80 0.19 0.00	31.94 0.19 0.00	33.61 0.10 0.00	44.45 0.22 0.00	49.51 0.30 0.00	49.88 0.30 0.00	49.52 0.20 -0.39	49.66 0.25 -0.42	49.89 0.30 -0.37	52.99 0.37 -0.55	53.14 0.37 -0.54	57.28 0.40 -0.65	66.32 0.65 -0.87	71.42 0.63 -0.98	80.81 1.11 -0.65	70.75 0.21 -0.72	66.41 0.07 -0.37	53.16 0.21 -0.09	46.61 0.23 -0.25	42.22 0.33 -0.26	38.43 0.23 -0.21
AUBURN___LFGE 323710	43.47 0.44 -2.81	38.05 0.39 -2.09	35.41 0.40 -1.72	33.48 0.41 -1.46	33.64 0.41 -1.48	36.90 0.54 -2.85	48.63 0.75 -3.65	54.45 1.08 -4.16	54.61 0.84 -4.19	53.38 0.88 -3.57	53.34 0.83 -3.51	53.65 0.69 -3.74	56.97 0.62 -4.27	57.10 0.68 -4.19	60.82 0.62 -3.97	67.53 0.71 -2.02	75.23 0.91 -4.51	87.91 1.19 -7.67	78.42 1.05 -7.55	75.24 1.32 -7.95	58.76 0.90 -5.01	50.84 0.78 -3.93	45.20 0.58 -2.99	41.25 0.57 -2.69
BABYLON_RES_REC 323704	41.27 1.04 0.00	36.25 0.67 0.00	34.12 0.83 0.00	31.83 0.22 0.00	32.03 0.29 0.00	34.15 0.64 0.00	44.75 0.53 0.01	48.90 0.39 0.70	48.11 0.50 1.97	48.11 0.44 1.26	45.28 0.59 4.30	43.97 0.79 6.03	44.64 1.04 8.47	44.41 0.52 8.35	49.88 0.68 7.03	54.26 1.03 11.58	60.71 0.70 9.80	68.17 1.34 12.23	61.09 0.35 9.08	58.91 0.00 7.06	47.93 0.16 5.08	44.38 0.14 1.89	41.99 0.63 0.26	39.33 0.83 -0.51
BALL_HILL_WT_PWR 323825	42.76 1.25 -1.28	37.45 0.92 -0.95	35.21 1.13 -0.79	33.54 1.27 -0.67	33.51 1.08 -0.68	36.16 1.34 -1.30	47.04 1.15 -1.67	51.70 0.59 -1.90	51.89 0.39 -1.91	51.64 1.08 -1.63	51.53 0.93 -1.60	51.76 0.84 -1.71	55.48 1.46 -1.95	55.50 1.36 -1.91	59.05 1.01 -1.81	65.92 0.19 -0.92	72.37 0.49 -2.06	82.80 0.24 -3.50	75.22 1.95 -3.45	71.58 1.98 -3.63	56.36 1.22 -2.29	49.21 1.29 -1.80	43.70 0.71 -1.36	40.51 1.29 -1.23
BARON_WINDS___WT_PWR 323822	42.85 1.09 -1.54	37.60 0.89 -1.14	35.23 1.00 -0.94	33.48 1.08 -0.80	33.55 0.99 -0.81	36.28 1.20 -1.56	47.51 1.28 -2.00	52.71 1.23 -2.27	52.92 1.04 -2.29	52.15 1.27 -1.95	51.90 0.98 -1.92	52.00 0.74 -2.05	55.45 1.04 -2.34	55.52 0.99 -2.29	59.19 0.79 -2.17	66.42 0.52 -1.10	73.12 0.84 -2.46	84.36 1.11 -4.20	75.98 2.03 -4.13	72.49 2.17 -4.35	56.96 1.37 -2.74	49.62 1.34 -2.15	44.14 0.88 -1.64	40.60 1.14 -1.47
BARRETT_IC_1 23704	41.11 0.88 0.00	36.28 0.71 0.00	34.12 0.83 0.00	31.93 0.32 0.00	32.13 0.38 0.00	34.15 0.64 0.00	44.57 0.35 0.01	49.74 0.15 -0.38	53.34 0.30 -3.46	53.58 0.25 -4.40	50.21 0.44 -0.78	50.42 0.59 -0.61	53.88 0.88 -0.93	53.97 0.83 -0.90	58.52 1.07 -1.23	67.90 1.55 -1.54	73.14 1.47 -1.86	82.05 2.05 -0.94	72.18 1.11 -1.25	67.16 0.66 -0.53	53.33 0.47 0.00	46.88 0.28 -0.48	42.58 0.37 -0.57	39.14 0.65 -0.51
BARRETT_IC_10 23701	41.11 0.88 0.00	36.28 0.71 0.00	34.12 0.83 0.00	31.93 0.32 0.00	32.13 0.38 0.00	34.15 0.64 0.00	44.57 0.35 0.01	44.06 0.15 5.30	5.06 0.30 44.82	5.06 0.25 44.12	50.21 0.44 -0.78	50.42 0.59 -0.61	53.88 0.88 -0.93	53.97 0.83 -0.90	58.52 1.07 -1.23	67.90 1.55 -1.54	73.14 1.47 -1.86	82.05 2.05 -0.94	72.18 1.11 -1.25	67.16 0.66 -0.53	53.33 0.47 0.00	46.88 0.28 -0.48	42.58 0.37 -0.57	39.14 0.65 -0.51
BARRETT_IC_11 23702	41.11 0.88 0.00	36.28 0.71 0.00	34.12 0.83 0.00	31.93 0.32 0.00	32.13 0.38 0.00	34.15 0.64 0.00	44.57 0.35 0.01	44.06 0.15 5.30	5.06 0.30 44.82	5.06 0.25 44.12	50.21 0.44 -0.78	50.42 0.59 -0.61	53.88 0.88 -0.93	53.97 0.83 -0.90	58.52 1.07 -1.23	67.90 1.55 -1.54	73.14 1.47 -1.86	82.05 2.05 -0.94	72.18 1.11 -1.25	67.16 0.66 -0.53	53.33 0.47 0.00	46.88 0.28 -0.48	42.58 0.37 -0.57	39.14 0.65 -0.51
BARRETT_IC_12 23703	41.11 0.88 0.00	36.28 0.71 0.00	34.12 0.83 0.00	31.93 0.32 0.00	32.13 0.38 0.00	34.15 0.64 0.00	44.57 0.35 0.01	44.06 0.15 5.30	5.06 0.30 44.82	5.06 0.25 44.12	50.21 0.44 -0.78	50.42 0.59 -0.61	53.88 0.88 -0.93	53.97 0.83 -0.90	58.52 1.07 -1.23	67.90 1.55 -1.54	73.14 1.47 -1.86	82.05 2.05 -0.94	72.18 1.11 -1.25	67.16 0.66 -0.53	53.33 0.47 0.00	46.88 0.28 -0.48	42.58 0.37 -0.57	39.14 0.65 -0.51
BARRETT_IC_2 23705	41.11 0.88 0.00	36.28 0.71 0.00	34.12 0.83 0.00	31.93 0.32 0.00	32.13 0.38 0.00	34.15 0.64 0.00	44.57 0.35 0.01	49.74 0.15 -0.38	53.34 0.30 -3.46	53.58 0.25 -4.40	50.21 0.44 -0.78	50.42 0.59 -0.61	53.88 0.88 -0.93	53.97 0.83 -0.90	58.52 1.07 -1.23	67.90 1.55 -1.54	73.14 1.47 -1.86	82.05 2.05 -0.94	72.18 1.11 -1.25	67.16 0.66 -0.53	53.33 0.47 0.00	46.88 0.28 -0.48	42.58 0.37 -0.57	39.14 0.65 -0.51
BARRETT_IC_3 23706	41.11 0.88 0.00	36.28 0.71 0.00	34.12 0.83 0.00	31.93 0.32 0.00	32.13 0.38 0.00	34.15 0.64 0.00	44.57 0.35 0.01	49.74 0.15 -0.38	53.34 0.30 -3.46	53.58 0.25 -4.40	50.21 0.44 -0.78	50.42 0.59 -0.61	53.88 0.88 -0.93	53.97 0.83 -0.90	58.52 1.07 -1.23	67.90 1.55 -1.54	73.14 1.47 -1.86	82.05 2.05 -0.94	72.18 1.11 -1.25	67.16 0.66 -0.53	53.33 0.47 0.00	46.88 0.28 -0.48	42.58 0.37 -0.57	39.14 0.65 -0.51
BARRETT_IC_4 23707	41.11 0.88 0.00	36.28 0.71 0.00	34.12 0.83 0.00	31.93 0.32 0.00	32.13 0.38 0.00	34.15 0.64 0.00	44.57 0.35 0.01	49.74 0.15 -0.38	53.34 0.30 -3.46	53.58 0.25 -4.40	50.21 0.44 -0.78	50.42 0.59 -0.61	53.88 0.88 -0.93	53.97 0.83 -0.90	58.52 1.07 -1.23	67.90 1.55 -1.54	73.14 1.47 -1.86	82.05 2.05 -0.94	72.18 1.11 -1.25	67.16 0.66 -0.53	53.33 0.47 0.00	46.88 0.28 -0.48	42.58 0.37 -0.57	39.14 0.65 -0.51
BARRETT_IC_5 23708	41.11 0.88 0.00	36.28 0.71 0.00	34.12 0.83 0.00	31.93 0.32 0.00	32.13 0.38 0.00	34.15 0.64 0.00	44.57 0.35 0.01	49.74 0.15 -0.38	53.34 0.30 -3.46	53.58 0.25 -4.40	50.21 0.44 -0.78	50.42 0.59 -0.61	53.88 0.88 -0.93	53.97 0.83 -0.90	58.52 1.07 -1.23	67.90 1.55 -1.54	73.14 1.47 -1.86	82.05 2.05 -0.94	72.18 1.11 -1.25	67.16 0.66 -0.53	53.33 0.47 0.00	46.88 0.28 -0.48	42.58 0.37 -0.57	39.14 0.65 -0.51

BARRETT_IC_6 23709	41.11 0.88 0.00	36.28 0.71 0.00	34.12 0.83 0.00	31.93 0.32 0.00	32.13 0.38 0.00	34.15 0.64 0.00	44.57 0.35 0.01	49.74 0.15 -0.38	53.34 0.30 -3.46	53.58 0.25 -4.40	50.21 0.44 -0.78	50.42 0.59 -0.61	53.88 0.88 -0.93	53.97 0.83 -0.90	58.52 1.07 -1.23	67.90 1.55 -1.54	73.14 1.47 -1.86	82.05 2.05 -0.94	72.18 1.11 -1.25	67.16 0.66 -0.53	53.33 0.47 0.00	46.88 0.28 -0.48	42.58 0.37 -0.57	39.14 0.65 -0.51
BARRETT_IC_7 23710	41.11 0.88 0.00	36.25 0.68 0.00	34.05 0.77 0.00	31.93 0.32 0.00	32.10 0.35 0.00	34.15 0.64 0.00	44.57 0.35 0.01	49.54 -0.05 -0.38	53.29 0.25 -3.46	53.58 0.24 -4.40	50.21 0.44 -0.78	50.42 0.59 -0.61	53.83 0.83 -0.93	53.92 0.78 -0.90	58.47 1.01 -1.23	67.84 1.49 -1.54	73.14 1.47 -1.86	82.37 2.37 -0.94	72.25 1.19 -1.25	67.23 0.73 -0.53	53.22 0.37 0.00	46.84 0.23 -0.48	42.45 0.25 -0.57	39.14 0.65 -0.51
BARRETT_IC_8 23711	41.11 0.88 0.00	36.28 0.71 0.00	34.12 0.83 0.00	31.93 0.32 0.00	32.13 0.38 0.00	34.15 0.64 0.00	44.57 0.35 0.01	49.74 0.15 -0.38	53.34 0.30 -3.46	53.58 0.25 -4.40	50.21 0.44 -0.78	50.42 0.59 -0.61	53.88 0.88 -0.93	53.97 0.83 -0.90	58.52 1.07 -1.23	67.90 1.55 -1.54	73.14 1.47 -1.86	82.05 2.05 -0.94	72.18 1.11 -1.25	67.16 0.66 -0.53	53.33 0.47 0.00	46.88 0.28 -0.48	42.58 0.37 -0.57	39.14 0.65 -0.51
BARRETT_IC_9 23700	41.11 0.88 0.00	36.28 0.71 0.00	34.12 0.83 0.00	31.93 0.32 0.00	32.13 0.38 0.00	34.15 0.64 0.00	44.57 0.35 0.01	44.06 0.15 5.30	5.06 0.30 44.82	5.06 0.25 44.12	50.21 0.44 -0.78	50.42 0.59 -0.61	53.88 0.88 -0.93	53.97 0.83 -0.90	58.52 1.07 -1.23	67.90 1.55 -1.54	73.14 1.47 -1.86	82.05 2.05 -0.94	72.18 1.11 -1.25	67.16 0.66 -0.53	53.33 0.47 0.00	46.88 0.28 -0.48	42.58 0.37 -0.57	39.14 0.65 -0.51
BARRETT___1 23545	41.11 0.88 0.00	36.28 0.71 0.00	34.12 0.83 0.00	31.93 0.32 0.00	32.13 0.38 0.00	34.15 0.64 0.00	44.57 0.35 0.01	49.74 0.15 -0.38	53.34 0.30 -3.46	53.58 0.25 -4.40	50.21 0.44 -0.78	50.42 0.59 -0.61	53.88 0.88 -0.93	53.97 0.83 -0.90	58.52 1.07 -1.23	67.90 1.55 -1.54	73.14 1.47 -1.86	82.05 2.05 -0.94	72.18 1.11 -1.25	67.16 0.66 -0.53	53.33 0.47 0.00	46.88 0.28 -0.48	42.58 0.37 -0.57	39.14 0.65 -0.51
BARRETT___2 23546	41.11 0.88 0.00	36.28 0.71 0.00	34.12 0.83 0.00	31.93 0.32 0.00	32.13 0.38 0.00	34.15 0.64 0.00	44.57 0.35 0.01	44.06 0.15 5.30	5.06 0.30 44.82	5.06 0.25 44.12	50.21 0.44 -0.78	50.42 0.59 -0.61	53.88 0.88 -0.93	53.97 0.83 -0.90	58.52 1.07 -1.23	67.90 1.55 -1.54	73.14 1.47 -1.86	82.05 2.05 -0.94	72.18 1.11 -1.25	67.16 0.66 -0.53	53.33 0.47 0.00	46.88 0.28 -0.48	42.58 0.37 -0.57	39.14 0.65 -0.51
BATAVIA___115KV_TB1 55881	43.12 1.65 -1.25	37.96 1.46 -0.93	35.52 1.46 -0.77	33.71 1.45 -0.65	33.81 1.40 -0.66	36.42 1.64 -1.27	47.44 1.59 -1.63	52.88 1.82 -1.85	52.49 1.04 -1.86	52.28 1.76 -1.59	52.37 1.81 -1.56	52.21 1.33 -1.67	55.69 1.72 -1.90	56.08 1.98 -1.86	59.68 1.69 -1.76	66.80 1.10 -0.90	73.15 1.33 -2.00	84.13 1.66 -3.41	75.69 2.51 -3.36	72.41 2.90 -3.54	57.09 2.01 -2.23	49.81 1.94 -1.75	44.46 1.50 -1.33	41.05 1.86 -1.20
BAYONEEC___CTG1 323682	41.84 1.61 0.00	37.00 1.42 0.00	34.58 1.30 0.00	32.59 0.98 0.00	32.74 0.99 0.00	34.56 1.04 0.00	45.68 1.46 0.00	50.78 1.57 0.00	51.37 1.78 0.00	51.58 1.71 -0.94	51.93 1.91 -1.02	52.09 1.97 -0.90	55.75 2.35 -1.33	55.78 2.24 -1.30	60.35 2.53 -1.58	70.21 3.30 -2.10	75.39 3.21 -2.36	84.73 4.11 -1.57	74.36 2.80 -1.74	69.11 2.24 -0.89	54.77 1.69 -0.22	48.20 1.48 -0.60	43.79 1.54 -0.62	39.71 1.22 -0.51
BAYONEEC___CTG10 323750	41.84 1.61 0.00	37.00 1.42 0.00	34.58 1.30 0.00	32.59 0.98 0.00	32.74 0.99 0.00	34.56 1.04 0.00	45.68 1.46 0.00	50.78 1.57 0.00	51.37 1.78 0.00	51.58 1.71 -0.94	51.93 1.91 -1.02	52.09 1.97 -0.90	55.75 2.35 -1.33	55.78 2.24 -1.30	60.35 2.53 -1.58	70.21 3.30 -2.10	75.39 3.21 -2.36	84.73 4.11 -1.57	74.36 2.80 -1.74	69.11 2.24 -0.89	54.77 1.69 -0.22	48.20 1.48 -0.60	43.79 1.54 -0.62	39.71 1.22 -0.51
BAYONEEC___CTG2 323683	41.84 1.61 0.00	37.00 1.42 0.00	34.58 1.30 0.00	32.59 0.98 0.00	32.74 0.99 0.00	34.56 1.04 0.00	45.68 1.46 0.00	50.78 1.57 0.00	51.37 1.78 0.00	51.58 1.71 -0.94	51.93 1.91 -1.02	52.09 1.97 -0.90	55.75 2.35 -1.33	55.78 2.24 -1.30	60.35 2.53 -1.58	70.21 3.30 -2.10	75.39 3.21 -2.36	84.73 4.11 -1.57	74.36 2.80 -1.74	69.11 2.24 -0.89	54.77 1.69 -0.22	48.20 1.48 -0.60	43.79 1.54 -0.62	39.71 1.22 -0.51
BAYONEEC___CTG3 323684	41.84 1.61 0.00	37.00 1.42 0.00	34.58 1.30 0.00	32.59 0.98 0.00	32.74 0.99 0.00	34.56 1.04 0.00	45.68 1.46 0.00	50.78 1.57 0.00	51.37 1.78 0.00	51.58 1.71 -0.94	51.93 1.91 -1.02	52.09 1.97 -0.90	55.75 2.35 -1.33	55.78 2.24 -1.30	60.35 2.53 -1.58	70.21 3.30 -2.10	75.39 3.21 -2.36	84.73 4.11 -1.57	74.36 2.80 -1.74	69.11 2.24 -0.89	54.77 1.69 -0.22	48.20 1.48 -0.60	43.79 1.54 -0.62	39.71 1.22 -0.51
BAYONEEC___CTG4 323685	41.84 1.61 0.00	37.00 1.42 0.00	34.58 1.30 0.00	32.59 0.98 0.00	32.74 0.99 0.00	34.56 1.04 0.00	45.68 1.46 0.00	50.78 1.57 0.00	51.37 1.78 0.00	51.58 1.71 -0.94	51.93 1.91 -1.02	52.09 1.97 -0.90	55.75 2.35 -1.33	55.78 2.24 -1.30	60.35 2.53 -1.58	70.21 3.30 -2.10	75.39 3.21 -2.36	84.73 4.11 -1.57	74.36 2.80 -1.74	69.11 2.24 -0.89	54.77 1.69 -0.22	48.20 1.48 -0.60	43.79 1.54 -0.62	39.71 1.22 -0.51
BAYONEEC___CTG5 323686	41.84 1.61 0.00	37.00 1.42 0.00	34.58 1.30 0.00	32.59 0.98 0.00	32.74 0.99 0.00	34.56 1.04 0.00	45.68 1.46 0.00	50.78 1.57 0.00	51.37 1.78 0.00	51.58 1.71 -0.94	51.93 1.91 -1.02	52.09 1.97 -0.90	55.75 2.35 -1.33	55.78 2.24 -1.30	60.35 2.53 -1.58	70.21 3.30 -2.10	75.39 3.21 -2.36	84.73 4.11 -1.57	74.36 2.80 -1.74	69.11 2.24 -0.89	54.77 1.69 -0.22	48.20 1.48 -0.60	43.79 1.54 -0.62	39.71 1.22 -0.51
BAYONEEC___CTG6 323687	41.84 1.61 0.00	37.00 1.42 0.00	34.58 1.30 0.00	32.59 0.98 0.00	32.74 0.99 0.00	34.56 1.04 0.00	45.68 1.46 0.00	50.78 1.57 0.00	51.37 1.78 0.00	51.58 1.71 -0.94	51.93 1.91 -1.02	52.09 1.97 -0.90	55.75 2.35 -1.33	55.78 2.24 -1.30	60.35 2.53 -1.58	70.21 3.30 -2.10	75.39 3.21 -2.36	84.73 4.11 -1.57	74.36 2.80 -1.74	69.11 2.24 -0.89	54.77 1.69 -0.22	48.20 1.48 -0.60	43.79 1.54 -0.62	39.71 1.22 -0.51
BAYONEEC___CTG7 323688	41.84 1.61 0.00	37.00 1.42 0.00	34.58 1.30 0.00	32.59 0.98 0.00	32.74 0.99 0.00	34.56 1.04 0.00	45.68 1.46 0.00	50.78 1.57 0.00	51.37 1.78 0.00	51.58 1.71 -0.94	51.93 1.91 -1.02	52.09 1.97 -0.90	55.75 2.35 -1.33	55.78 2.24 -1.30	60.35 2.53 -1.58	70.21 3.30 -2.10	75.39 3.21 -2.36	84.73 4.11 -1.57	74.36 2.80 -1.74	69.11 2.24 -0.89	54.77 1.69 -0.22	48.20 1.48 -0.60	43.79 1.54 -0.62	39.71 1.22 -0.51

BAYONEEC___CTG8 323689	41.84 1.61 0.00	37.00 1.42 0.00	34.58 1.30 0.00	32.59 0.98 0.00	32.74 0.99 0.00	34.56 1.04 0.00	45.68 1.46 0.00	50.78 1.57 0.00	51.37 1.78 0.00	51.58 1.71 -0.94	51.93 1.91 -1.02	52.09 1.97 -0.90	55.75 2.35 -1.33	55.78 2.24 -1.30	60.35 2.53 -1.58	70.21 3.30 -2.10	75.39 3.21 -2.36	84.73 4.11 -1.57	74.36 2.80 -1.74	69.11 2.24 -0.89	54.77 1.69 -0.22	48.20 1.48 -0.60	43.79 1.54 -0.62	39.71 1.22 -0.51
BAYONEEC___CTG9 323749	41.84 1.61 0.00	37.00 1.42 0.00	34.58 1.30 0.00	32.59 0.98 0.00	32.74 0.99 0.00	34.56 1.04 0.00	45.68 1.46 0.00	50.78 1.57 0.00	51.37 1.78 0.00	51.58 1.71 -0.94	51.93 1.91 -1.02	52.09 1.97 -0.90	55.75 2.35 -1.33	55.78 2.24 -1.30	60.35 2.53 -1.58	70.21 3.30 -2.10	75.39 3.21 -2.36	84.73 4.11 -1.57	74.36 2.80 -1.74	69.11 2.24 -0.89	54.77 1.69 -0.22	48.20 1.48 -0.60	43.79 1.54 -0.62	39.71 1.22 -0.51
BEACON___LESR 323632	39.99 -0.24 0.00	35.43 -0.14 0.00	33.06 -0.23 0.00	31.39 -0.22 0.00	31.62 -0.13 0.00	33.38 -0.13 0.00	44.01 -0.22 0.00	48.63 -0.10 0.49	49.34 -0.25 0.00	47.84 -0.34 0.75	47.73 -0.44 0.82	48.05 -0.44 0.73	50.53 -0.47 1.07	49.99 -0.47 1.77	54.45 -0.51 1.27	62.73 -0.39 1.69	67.58 -0.35 1.89	77.96 0.16 1.26	49.75 -0.35 19.72	48.47 -0.59 16.91	51.08 -0.26 1.51	45.46 -0.18 0.48	41.09 -0.04 0.50	37.39 -0.19 0.41
BEAVER RIVER___HYD 24048	48.00 1.41 -6.37	41.54 1.24 -4.73	39.54 1.26 -4.99	36.62 1.20 -3.81	36.57 1.18 -3.65	52.54 1.47 -17.56	64.18 2.21 -17.75	69.62 2.56 -17.85	67.09 2.28 -15.22	63.96 2.01 -13.02	60.25 1.86 -9.39	65.99 1.77 -15.01	58.06 1.67 -4.33	65.42 1.67 -11.51	65.42 1.85 -7.34	67.97 2.33 -0.84	73.65 1.95 -1.88	84.62 2.37 -3.20	78.90 2.51 -6.57	80.68 2.97 -11.73	68.95 2.22 -13.88	57.92 2.17 -9.63	56.92 1.79 -13.51	51.33 1.56 -11.78
BEEBEE_GT_13 23619	42.03 0.60 -1.20	37.00 0.53 -0.90	34.59 0.57 -0.74	32.80 0.57 -0.63	32.92 0.54 -0.64	35.41 0.67 -1.22	46.41 0.62 -1.57	51.78 0.79 -1.78	51.73 0.35 -1.80	51.39 0.93 -1.53	51.53 1.03 -1.51	51.56 0.74 -1.61	54.84 0.94 -1.83	55.18 1.15 -1.80	58.78 0.84 -1.70	66.12 0.45 -0.87	72.31 0.56 -1.93	83.06 0.71 -3.29	74.11 1.05 -3.24	70.70 1.32 -3.41	55.90 0.90 -2.15	48.69 0.88 -1.69	43.54 0.62 -1.28	39.98 0.84 -1.16
BENSHRST_27_KV_BENSHRST_1 355998	42.36 2.13 0.00	37.39 1.81 0.00	34.95 1.66 0.00	32.59 0.98 0.00	32.70 0.95 0.00	34.45 0.94 0.00	45.51 1.28 0.00	50.34 1.13 0.00	51.12 1.54 0.00	51.49 1.61 -0.94	51.93 1.91 -1.02	52.28 2.17 -0.90	55.70 2.29 -1.33	55.78 2.25 -1.30	60.46 2.64 -1.58	70.34 3.43 -2.10	75.19 3.00 -2.37	84.50 3.87 -1.57	74.14 2.58 -1.74	68.98 2.11 -0.89	54.56 1.48 -0.22	48.16 1.43 -0.60	43.83 1.58 -0.62	39.79 1.29 -0.51
BETHLEHEM___GRP 23843	39.42 -0.80 0.00	34.93 -0.64 0.00	32.59 -0.70 0.00	30.98 -0.63 0.00	31.18 -0.57 0.00	32.88 -0.64 0.00	43.30 -0.93 0.00	47.79 -0.98 0.44	48.59 -0.99 0.00	47.15 -1.08 0.71	47.10 -1.13 0.77	47.50 -1.03 0.68	49.92 -1.15 1.01	49.45 -1.15 1.63	53.85 -1.18 1.20	62.05 -1.17 1.59	66.78 -1.26 1.78	76.93 -0.95 1.18	50.56 -1.47 17.79	49.09 -1.65 15.24	50.32 -1.16 1.37	44.71 -0.97 0.45	40.45 -0.71 0.47	36.88 -0.72 0.38
BETHLEHEM___GS1 323560	39.42 -0.80 0.00	34.97 -0.60 0.00	32.62 -0.67 0.00	30.98 -0.63 0.00	31.18 -0.57 0.00	32.88 -0.64 0.00	43.29 -0.93 0.00	47.84 -0.94 0.44	48.59 -0.99 0.00	47.15 -1.08 0.71	47.10 -1.12 0.77	47.45 -1.08 0.68	49.92 -1.15 1.01	49.45 -1.15 1.63	53.85 -1.18 1.20	62.05 -1.16 1.59	66.71 -1.33 1.78	76.85 -1.03 1.18	50.56 -1.47 17.79	49.15 -1.58 15.24	50.37 -1.11 1.37	44.75 -0.92 0.45	40.45 -0.71 0.47	36.88 -0.72 0.38
BETHLEHEM___GS2 323561	39.42 -0.80 0.00	34.97 -0.60 0.00	32.62 -0.67 0.00	30.98 -0.63 0.00	31.18 -0.57 0.00	32.88 -0.64 0.00	43.29 -0.93 0.00	47.84 -0.94 0.44	48.59 -0.99 0.00	47.15 -1.08 0.71	47.10 -1.12 0.77	47.45 -1.08 0.68	49.92 -1.15 1.01	49.45 -1.15 1.63	53.85 -1.18 1.20	62.05 -1.16 1.59	66.71 -1.33 1.78	76.85 -1.03 1.18	50.56 -1.47 17.79	49.15 -1.58 15.24	50.37 -1.11 1.37	44.75 -0.92 0.45	40.45 -0.71 0.47	36.88 -0.72 0.38
BETHLEHEM___GS3 323562	39.42 -0.80 0.00	34.97 -0.60 0.00	32.62 -0.67 0.00	30.98 -0.63 0.00	31.18 -0.57 0.00	32.88 -0.64 0.00	43.29 -0.93 0.00	47.84 -0.94 0.44	48.59 -0.99 0.00	47.15 -1.08 0.71	47.10 -1.12 0.77	47.45 -1.08 0.68	49.92 -1.15 1.01	49.45 -1.15 1.63	53.85 -1.18 1.20	62.05 -1.16 1.59	66.71 -1.33 1.78	76.85 -1.03 1.18	50.56 -1.47 17.79	49.15 -1.58 15.24	50.37 -1.11 1.37	44.75 -0.92 0.45	40.45 -0.71 0.47	36.88 -0.72 0.38
BETHLEHEM___STEEL 23779	42.56 1.05 -1.28	37.52 1.00 -0.96	35.14 1.07 -0.79	33.41 1.14 -0.67	33.44 1.02 -0.68	35.99 1.17 -1.30	46.74 0.84 -1.67	51.95 0.84 -1.90	51.60 0.10 -1.92	51.35 0.78 -1.63	51.58 0.98 -1.61	51.37 0.44 -1.71	55.07 1.04 -1.95	55.20 1.04 -1.92	58.78 0.73 -1.82	65.40 -0.32 -0.92	71.95 0.07 -2.06	82.41 -0.16 -3.51	74.39 1.12 -3.46	71.26 1.65 -3.64	56.04 0.90 -2.29	48.94 1.01 -1.80	43.62 0.62 -1.37	40.43 1.22 -1.23
BETHLHEM_115KV_TB1 79974	39.58 -0.64 0.00	35.04 -0.53 0.00	32.72 -0.57 0.00	31.07 -0.54 0.00	31.27 -0.48 0.00	32.98 -0.54 0.00	43.47 -0.75 0.00	48.02 -0.79 0.41	48.79 -0.79 0.00	47.38 -0.88 0.67	47.34 -0.93 0.73	47.69 -0.89 0.64	50.19 -0.94 0.95	49.76 -0.94 1.53	54.09 -1.01 1.13	62.34 -0.97 1.50	67.09 -1.05 1.68	77.23 -0.71 1.11	52.09 -1.19 16.54	50.43 -1.39 14.15	50.63 -0.95 1.27	44.87 -0.83 0.43	40.65 -0.54 0.44	37.05 -0.57 0.36
BETHPAGE_CC_5 323564	41.07 0.85 0.00	36.14 0.57 0.00	34.02 0.73 0.00	31.77 0.16 0.00	31.97 0.22 0.00	34.05 0.53 0.00	44.49 0.27 0.01	48.72 0.15 0.64	48.10 0.25 1.73	48.12 0.20 1.01	45.51 0.39 3.87	44.34 0.59 5.47	45.23 0.83 7.67	45.45 0.78 7.56	50.91 1.01 6.33	55.83 1.49 10.46	62.40 1.40 8.81	70.00 2.05 11.11	62.67 1.05 8.20	60.15 0.59 6.42	48.63 0.42 4.65	44.67 0.23 1.68	41.81 0.37 0.19	39.10 0.61 -0.51
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	42.60 1.09 -1.29	37.56 1.03 -0.96	35.18 1.10 -0.79	33.42 1.14 -0.67	33.45 1.02 -0.68	36.03 1.21 -1.31	46.83 0.93 -1.68	52.20 1.08 -1.91	51.90 0.40 -1.92	51.65 1.08 -1.64	51.83 1.22 -1.61	51.62 0.69 -1.72	55.38 1.35 -1.96	55.51 1.36 -1.92	59.12 1.07 -1.82	65.60 -0.13 -0.93	72.16 0.28 -2.07	82.74 0.16 -3.52	74.61 1.33 -3.47	71.47 1.85 -3.65	56.21 1.06 -2.30	49.04 1.11 -1.80	43.71 0.71 -1.37	40.48 1.25 -1.24
BINGHAMTON___COGEN 23790	42.40 0.60 -1.57	37.28 0.53 -1.17	34.79 0.53 -0.97	32.96 0.54 -0.82	33.12 0.54 -0.83	35.71 0.60 -1.60	47.07 0.80 -2.05	52.52 0.98 -2.33	52.68 0.74 -2.35	51.76 0.83 -2.00	51.80 0.83 -1.97	51.95 0.64 -2.10	55.30 0.83 -2.39	55.37 0.78 -2.35	59.13 0.67 -2.22	66.58 0.65 -1.13	73.25 0.91 -2.53	84.70 1.34 -4.30	75.17 1.12 -4.23	71.75 1.32 -4.45	56.56 0.90 -2.81	49.16 0.83 -2.20	43.93 0.62 -1.68	40.18 0.68 -1.51

BIXINCNT_115KV_LOAD 355685	42.86 1.33 -1.30	37.79 1.25 -0.97	35.35 1.26 -0.80	33.61 1.33 -0.68	33.68 1.24 -0.69	36.28 1.44 -1.32	47.38 1.46 -1.70	52.86 1.72 -1.93	52.57 1.04 -1.95	52.20 1.61 -1.66	52.34 1.71 -1.63	52.13 1.18 -1.74	55.88 1.82 -1.98	55.90 1.72 -1.95	59.59 1.52 -1.84	66.13 0.39 -0.94	72.82 0.91 -2.09	83.73 1.11 -3.56	75.42 2.09 -3.51	72.17 2.51 -3.69	56.71 1.53 -2.33	49.34 1.38 -1.83	43.89 0.87 -1.39	40.53 1.29 -1.25
BLACK RIVER___HYD 24047	47.54 1.81 -5.51	41.26 1.60 -4.09	39.06 1.63 -4.14	36.37 1.55 -3.21	36.35 1.49 -3.11	48.81 1.91 -13.39	60.92 2.87 -13.82	66.68 3.39 -14.08	64.82 2.97 -12.27	62.06 2.64 -10.48	59.35 2.45 -7.91	63.53 2.36 -11.95	58.92 2.24 -4.62	64.08 2.19 -9.65	65.27 2.42 -6.63	69.18 3.05 -1.33	75.59 2.80 -2.98	87.68 3.56 -5.07	80.84 3.63 -7.39	81.37 4.23 -11.17	67.67 3.22 -11.60	57.25 2.91 -8.21	54.59 2.37 -10.59	49.31 2.05 -9.27
BLACKRVR_115KV_TB2 79977	47.54 1.81 -5.51	41.30 1.64 -4.09	39.06 1.63 -4.14	36.37 1.55 -3.21	36.35 1.49 -3.11	48.81 1.91 -13.39	60.92 2.87 -13.82	66.73 3.44 -14.08	64.83 2.98 -12.27	62.01 2.59 -10.48	59.35 2.45 -7.91	63.48 2.31 -11.95	58.92 2.24 -4.62	64.08 2.19 -9.65	65.28 2.42 -6.63	69.25 3.11 -1.33	75.59 2.79 -2.98	87.76 3.64 -5.07	80.77 3.56 -7.39	81.36 4.22 -11.17	67.67 3.22 -11.60	57.25 2.91 -8.21	54.59 2.37 -10.59	49.31 2.05 -9.27
BLDWN_LI_69_KV_BK4 356085	41.35 1.13 0.00	36.39 0.82 0.00	34.19 0.90 0.00	31.99 0.38 0.00	32.19 0.44 0.00	34.28 0.77 0.00	44.84 0.62 0.01	49.34 0.39 0.27	50.27 0.69 0.01	50.38 0.64 -0.81	47.91 0.88 1.96	47.27 1.03 2.98	49.22 1.30 4.15	49.39 1.25 4.10	54.51 1.52 3.23	61.40 2.14 5.55	67.61 2.23 4.44	76.13 3.24 6.17	67.52 2.02 4.32	63.86 1.45 3.57	51.06 0.95 2.74	46.07 0.74 0.80	42.38 0.62 -0.12	39.41 0.91 -0.51
BLISS_WT_PWR 323608	42.86 1.33 -1.30	37.57 1.03 -0.97	35.28 1.20 -0.80	33.65 1.36 -0.68	33.61 1.18 -0.69	36.31 1.47 -1.32	47.43 1.50 -1.70	52.37 1.23 -1.93	52.62 1.09 -1.95	52.25 1.66 -1.66	52.15 1.52 -1.63	52.33 1.38 -1.74	56.08 2.03 -1.98	56.06 1.88 -1.95	59.64 1.57 -1.84	66.39 0.65 -0.94	72.89 0.98 -2.09	83.49 0.87 -3.56	75.77 2.44 -3.51	72.17 2.51 -3.69	56.71 1.53 -2.33	49.38 1.43 -1.83	43.85 0.83 -1.39	40.49 1.25 -1.25
BLUESTONE___WT_PWR 323821	43.63 2.05 -1.35	38.36 1.78 -1.01	35.92 1.80 -0.83	34.05 1.74 -0.70	34.18 1.71 -0.72	36.90 2.01 -1.38	48.91 2.92 -1.76	54.56 3.35 -2.01	54.73 3.13 -2.02	53.64 2.99 -1.72	53.43 2.74 -1.70	53.78 2.75 -1.81	56.94 2.81 -2.06	56.97 2.71 -2.02	60.95 2.81 -1.91	69.28 3.50 -0.97	75.76 3.77 -2.17	87.58 4.82 -3.70	77.86 4.40 -3.64	74.43 4.62 -3.84	58.76 3.49 -2.42	50.93 2.91 -1.90	45.40 2.33 -1.44	41.37 2.09 -1.30
BLUE_CIRC_CHEM_DRP 24182	39.30 -0.93 0.00	34.79 -0.78 0.00	32.52 -0.77 0.00	30.88 -0.73 0.00	31.08 -0.67 0.00	32.74 -0.77 0.00	43.21 -1.02 0.00	47.84 -1.08 0.29	48.39 -1.19 0.00	47.18 -1.27 0.48	47.11 -1.37 0.52	47.43 -1.33 0.46	49.94 -1.46 0.68	49.68 -1.46 1.09	53.85 -1.57 0.80	61.55 -1.62 1.64	64.92 -1.61 3.29	77.00 -1.26 0.79	56.27 -1.68 11.87	54.03 -1.78 10.16	50.72 -1.22 0.91	44.81 -1.01 0.30	41.44 0.12 0.31	37.77 0.04 0.26
BOC_GAS_DRP 24189	39.98 -0.24 0.00	35.39 -0.18 0.00	33.09 -0.20 0.00	31.42 -0.19 0.00	31.56 -0.19 0.00	33.28 -0.23 0.00	43.92 -0.31 0.00	48.63 -0.34 0.23	49.24 -0.35 0.00	48.10 -0.39 0.44	48.12 -0.39 0.48	48.45 -0.34 0.42	51.13 -0.31 0.63	50.91 -0.37 0.96	55.09 -0.39 0.74	63.60 -0.26 0.94	68.59 -0.28 0.94	78.40 0.08 0.73	59.70 -0.56 9.56	57.10 -0.73 8.15	51.69 -0.42 0.74	45.48 -0.37 0.28	41.17 -0.17 0.29	37.56 -0.19 0.24
BOONVILLE_115KV_TB1 79983	43.99 1.09 -2.68	38.52 0.96 -1.99	36.31 0.97 -2.06	34.11 0.92 -1.58	34.16 0.89 -1.52	41.61 1.11 -6.99	53.04 1.68 -7.13	58.44 2.02 -7.21	57.65 1.83 -6.23	55.92 1.66 -5.33	54.53 1.62 -3.92	56.90 1.57 -6.11	55.59 1.51 -2.01	58.54 1.51 -4.79	61.02 1.63 -3.16	67.36 2.07 -0.48	72.85 1.95 -1.08	83.43 2.53 -1.84	75.19 2.23 -3.13	73.63 2.51 -5.15	60.50 1.90 -5.75	51.81 1.66 -4.02	48.44 1.37 -5.44	43.92 1.18 -4.75
BORALEX_4TH_BRANCH 23824	40.95 0.72 0.00	36.25 0.68 0.00	33.95 0.67 0.00	32.24 0.63 0.00	32.38 0.63 0.00	34.18 0.67 0.00	45.46 1.24 0.00	51.36 1.43 -0.72	50.97 1.39 0.00	48.04 1.27 2.16	47.91 1.27 2.35	48.47 1.33 2.08	50.41 1.41 3.07	51.74 1.41 1.91	54.05 1.46 3.65	61.91 1.94 4.84	66.62 2.23 5.43	78.54 3.08 3.60	95.12 2.02 -23.28	89.68 1.65 -22.06	55.69 1.37 -1.47	45.90 1.15 1.38	41.32 1.12 1.43	37.69 0.87 1.17
BOWLINE___1 23526	41.35 1.12 0.00	36.57 0.99 0.00	34.19 0.90 0.00	32.27 0.66 0.00	32.45 0.70 0.00	34.22 0.70 0.00	45.29 1.06 0.00	50.39 1.18 0.00	50.82 1.24 0.00	50.99 1.17 -0.88	51.18 1.23 -0.96	51.39 1.33 -0.85	54.94 1.62 -1.25	54.97 1.52 -1.22	59.40 1.69 -1.49	69.05 2.27 -1.98	74.27 2.23 -2.22	83.69 3.17 -1.47	73.48 2.03 -1.64	68.39 1.58 -0.84	54.33 1.27 -0.21	47.79 1.11 -0.56	43.34 1.12 -0.58	39.34 0.87 -0.48
BOWLINE___2 23595	41.35 1.12 0.00	36.57 0.99 0.00	34.19 0.90 0.00	32.27 0.66 0.00	32.45 0.70 0.00	34.22 0.70 0.00	45.29 1.06 0.00	50.34 1.13 0.00	50.82 1.24 0.00	50.99 1.17 -0.88	51.18 1.23 -0.96	51.39 1.33 -0.85	54.89 1.56 -1.25	54.97 1.52 -1.22	59.35 1.63 -1.49	68.99 2.20 -1.98	74.27 2.23 -2.22	83.69 3.17 -1.47	73.48 2.03 -1.64	68.39 1.58 -0.84	54.33 1.27 -0.21	47.75 1.06 -0.56	43.34 1.12 -0.58	39.34 0.87 -0.48
BRADY___115KV_TB2 356060	61.46 1.13 -20.10	51.47 1.00 -14.91	50.75 0.93 -16.53	44.87 0.89 -12.38	44.32 0.86 -11.72	97.87 1.04 -63.31	108.31 1.33 -62.76	112.89 1.33 -62.35	102.78 1.24 -51.96	94.41 1.03 -44.45	80.59 1.03 -30.56	102.04 0.98 -51.84	62.77 0.89 -9.82	90.93 1.04 -37.65	79.39 1.24 -21.92	66.10 1.30 0.00	71.07 1.26 0.00	79.85 0.79 0.00	84.87 1.82 -13.23	100.52 1.98 -32.57	100.00 1.53 -45.61	78.37 1.34 -30.91	90.25 1.21 -47.42	80.28 1.06 -41.23
BRANSCOMB___SOLAR 323811	41.07 0.85 0.00	36.35 0.78 0.00	34.05 0.77 0.00	32.34 0.73 0.00	32.51 0.76 0.00	34.25 0.74 0.00	45.37 1.15 0.00	51.25 1.47 -0.57	50.77 1.19 0.00	48.91 1.03 1.05	48.68 0.83 1.15	49.04 0.84 1.01	51.41 0.83 1.50	52.46 0.83 0.60	55.30 0.84 1.78	63.74 1.30 2.36	68.70 1.53 2.65	79.75 2.45 1.76	91.19 1.81 -19.56	85.50 1.52 -18.01	55.59 1.43 -1.31	46.75 1.29 0.67	42.10 1.16 0.70	38.29 0.87 0.57
BRDGHMPT_69_KV_BK1 55812	41.03 0.80 0.00	35.93 0.36 0.00	33.85 0.57 0.00	31.58 -0.03 0.00	31.88 0.13 0.00	34.12 0.60 0.00	44.70 0.49 0.01	48.45 0.05 0.81	47.63 0.40 2.35	47.75 0.49 1.67	44.95 0.93 4.98	43.43 1.13 6.92	43.81 1.46 9.71	44.22 1.57 9.58	49.96 1.86 8.12	53.89 2.40 13.32	60.91 2.44 11.35	68.24 3.16 13.98	60.97 1.61 10.45	58.83 0.92 8.07	47.52 0.42 5.75	44.30 0.37 2.20	41.38 0.12 0.37	39.22 0.72 -0.51



BRENTWOD_69_KV_W. BRTWOOD 56703	41.43 1.21 0.00	36.32 0.75 0.00	34.12 0.83 0.00	31.89 0.28 0.00	32.10 0.35 0.00	34.25 0.74 0.00	44.88 0.66 0.01	48.66 0.25 0.79	47.85 0.55 2.28	47.82 0.49 1.60	44.86 0.73 4.87	43.38 0.94 6.77	43.70 1.15 9.51	43.95 1.10 9.38	49.63 1.35 7.95	53.58 1.81 13.04	60.33 1.61 11.10	67.89 2.53 13.70	60.99 1.40 10.23	58.92 0.86 7.91	47.95 0.74 5.64	44.58 0.60 2.15	41.81 0.54 0.35	39.48 0.99 -0.51
BRISTLHL_115KV_TB1 79998	42.23 -0.20 -2.20	37.03 -0.18 -1.64	34.56 -0.17 -1.44	32.67 -0.13 -1.18	32.81 -0.13 -1.19	36.56 -0.07 -3.11	47.79 -0.04 -3.61	53.38 0.25 -3.93	53.53 0.10 -3.84	52.36 0.15 -3.28	52.07 0.15 -2.93	52.87 0.10 -3.56	55.07 0.05 -2.95	55.86 0.10 -3.52	59.26 0.00 -3.03	66.03 -0.06 -1.29	72.49 -0.21 -2.88	83.96 0.00 -4.91	74.85 -0.07 -5.10	71.78 0.07 -5.74	56.98 0.00 -4.13	49.27 0.00 -3.14	44.42 -0.08 -2.88	40.51 -0.04 -2.56
BROOKHAVEN___DRP 24191	40.75 0.52 0.00	35.71 0.14 0.00	33.55 0.27 0.00	31.32 -0.28 0.00	31.56 -0.19 0.00	33.71 0.20 0.00	44.22 0.00 0.01	47.91 -0.49 0.81	47.03 -0.20 2.35	47.01 -0.24 1.67	44.06 0.05 4.98	42.44 0.15 6.92	42.72 0.36 9.72	43.02 0.37 9.58	48.61 0.51 8.13	52.39 0.91 13.32	59.37 0.91 11.35	66.65 1.58 13.99	59.85 0.49 10.46	57.96 0.07 8.08	46.99 -0.11 5.76	43.83 -0.09 2.20	41.09 -0.17 0.37	38.88 0.38 -0.51
BROOKLYN_NAVY_YARD 23515	41.79 1.57 0.00	36.96 1.39 0.00	34.55 1.26 0.00	32.53 0.92 0.00	32.70 0.95 0.00	34.49 0.97 0.00	45.64 1.41 0.00	50.88 1.57 -0.10	52.22 1.78 -0.86	52.44 1.71 -1.80	51.93 1.91 -1.02	52.14 2.02 -0.90	55.75 2.35 -1.33	55.83 2.30 -1.30	60.40 2.59 -1.58	70.28 3.37 -2.10	75.46 3.28 -2.36	84.81 4.19 -1.57	74.43 2.86 -1.74	69.17 2.31 -0.89	54.82 1.74 -0.22	48.20 1.48 -0.60	43.79 1.54 -0.62	39.71 1.22 -0.51
BROOKLYN___ARMY_DRP 323595	42.16 1.93 0.00	37.24 1.67 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.83 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.10 0.89 0.00	50.87 1.29 0.00	51.24 1.37 -0.94	51.68 1.67 -1.02	51.99 1.87 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	69.96 3.05 -2.10	74.77 2.58 -2.37	84.02 3.40 -1.57	73.73 2.16 -1.74	68.58 1.72 -0.89	54.24 1.16 -0.22	47.88 1.15 -0.60	43.62 1.37 -0.62	39.60 1.10 -0.51
BROOME_2_LFGE 323671	42.40 0.60 -1.57	37.24 0.50 -1.17	34.78 0.53 -0.97	32.96 0.54 -0.82	33.09 0.51 -0.83	35.72 0.60 -1.60	47.07 0.80 -2.05	52.38 0.84 -2.33	52.68 0.74 -2.35	51.76 0.83 -2.00	51.70 0.74 -1.97	52.00 0.69 -2.10	55.30 0.83 -2.39	55.37 0.78 -2.35	59.13 0.68 -2.22	66.65 0.71 -1.13	73.25 0.91 -2.53	84.55 1.19 -4.30	75.31 1.26 -4.23	71.75 1.32 -4.45	56.61 0.95 -2.81	49.21 0.87 -2.20	43.93 0.63 -1.68	40.18 0.68 -1.51
BROOME___LFGE 323600	42.40 0.60 -1.57	37.24 0.50 -1.17	34.78 0.53 -0.97	32.96 0.54 -0.82	33.09 0.51 -0.83	35.72 0.60 -1.60	47.07 0.80 -2.05	52.38 0.84 -2.33	52.68 0.74 -2.35	51.76 0.83 -2.00	51.70 0.74 -1.97	52.00 0.69 -2.10	55.30 0.83 -2.39	55.37 0.78 -2.35	59.13 0.68 -2.22	66.65 0.71 -1.13	73.25 0.91 -2.53	84.55 1.19 -4.30	75.31 1.26 -4.23	71.75 1.32 -4.45	56.61 0.95 -2.81	49.21 0.87 -2.20	43.93 0.63 -1.68	40.18 0.68 -1.51
BROWNFLS_115KV_TB 3_5 80003	51.68 1.33 -10.13	44.26 1.17 -7.51	42.61 1.17 -8.16	38.84 1.07 -6.16	38.66 1.05 -5.86	64.96 1.34 -30.11	76.17 1.86 -30.09	81.38 2.12 -30.06	76.76 1.88 -25.29	72.23 1.66 -21.63	65.76 1.57 -15.19	75.84 1.53 -25.10	59.30 1.41 -5.82	72.37 1.46 -18.67	69.19 1.63 -11.33	67.35 1.94 -0.60	72.57 1.40 -1.35	82.62 1.26 -2.30	79.87 1.68 -8.38	85.52 2.11 -17.43	77.07 1.64 -22.58	63.38 1.80 -15.46	66.06 1.62 -22.80	59.21 1.37 -19.86
BROWNSV1_27_KV_LOAD 356125	42.20 1.97 0.00	37.28 1.71 0.00	34.85 1.56 0.00	32.84 1.23 0.00	32.99 1.24 0.00	34.82 1.31 0.00	46.08 1.86 0.00	51.13 1.92 0.00	51.86 2.28 0.00	52.12 2.25 -0.94	52.42 2.40 -1.02	52.68 2.56 -0.90	56.32 2.92 -1.33	56.41 2.87 -1.30	61.02 3.21 -1.58	70.93 4.02 -2.10	76.30 4.12 -2.36	85.84 5.22 -1.57	75.26 3.70 -1.74	69.90 3.03 -0.89	55.35 2.27 -0.22	48.62 1.89 -0.60	44.08 1.83 -0.62	40.09 1.60 -0.51
BURROWS___LYONSDAL 23803	44.79 1.17 -3.40	39.13 1.03 -2.52	36.96 1.03 -2.64	34.61 0.98 -2.02	34.67 0.98 -1.94	43.79 1.21 -9.06	55.25 1.81 -9.21	60.72 2.21 -9.30	59.51 1.93 -7.99	57.53 1.76 -6.84	55.65 1.67 -4.99	58.70 1.62 -7.86	56.10 1.56 -2.47	59.91 1.57 -6.11	61.89 1.69 -3.98	67.50 2.14 -0.55	73.01 1.95 -1.24	83.70 2.53 -2.11	76.00 2.37 -3.81	75.06 2.64 -6.44	62.20 2.01 -7.34	53.05 1.80 -5.12	50.15 1.50 -7.02	45.37 1.25 -6.13
CAITHNESS_CC_1 323624	40.75 0.52 0.00	35.75 0.18 0.00	33.65 0.37 0.00	31.36 -0.25 0.00	31.59 -0.16 0.00	33.72 0.20 0.00	44.22 0.00 0.01	48.15 -0.24 0.81	47.08 -0.15 2.36	47.01 -0.24 1.68	43.96 -0.05 4.99	42.44 0.15 6.92	42.71 0.37 9.72	43.06 0.42 9.59	48.60 0.50 8.13	52.38 0.91 13.33	59.23 0.77 11.36	66.32 1.26 13.99	59.71 0.35 10.46	57.89 0.00 8.08	47.04 -0.05 5.76	43.88 -0.05 2.20	41.25 0.00 0.37	38.88 0.38 -0.51
CALPINE BETH_PAGE_GT4 24209	41.15 0.93 0.00	36.14 0.57 0.00	33.95 0.67 0.00	31.80 0.19 0.00	32.00 0.25 0.00	34.08 0.57 0.00	44.44 0.22 0.01	48.55 -0.10 0.56	48.31 0.20 1.47	48.41 0.20 0.72	46.01 0.39 3.38	44.93 0.54 4.83	46.09 0.78 6.76	46.30 0.73 6.67	51.66 0.96 5.53	57.03 1.43 9.20	63.60 1.47 7.68	71.60 2.37 9.83	63.81 1.19 7.20	60.95 0.66 5.68	49.01 0.32 4.16	44.90 0.23 1.45	41.73 0.21 0.11	39.18 0.68 -0.51
CALPINE_BETH_PAGE_GT_4 323586	41.15 0.93 0.00	36.18 0.60 0.00	34.05 0.77 0.00	31.80 0.19 0.00	32.00 0.25 0.00	34.08 0.57 0.00	44.44 0.22 0.01	48.79 0.15 0.56	48.36 0.25 1.47	48.41 0.20 0.72	46.01 0.39 3.38	44.98 0.59 4.83	46.14 0.83 6.76	46.35 0.78 6.67	51.71 1.01 5.53	57.16 1.55 9.20	63.53 1.40 7.68	71.36 2.14 9.83	63.67 1.05 7.20	60.89 0.59 5.68	49.12 0.42 4.16	44.90 0.23 1.45	41.85 0.33 0.11	39.18 0.68 -0.51
CALPINE_BP_GT1 23823	41.15 0.93 0.00	36.18 0.60 0.00	34.05 0.77 0.00	31.80 0.19 0.00	32.00 0.25 0.00	34.08 0.57 0.00	44.44 0.22 0.01	48.79 0.15 0.56	48.36 0.25 1.47	48.41 0.20 0.72	46.01 0.39 3.38	44.98 0.59 4.83	46.14 0.83 6.76	46.35 0.78 6.67	51.71 1.01 5.53	57.16 1.55 9.20	63.53 1.40 7.68	71.36 2.14 9.83	63.67 1.05 7.20	60.89 0.59 5.68	49.12 0.42 4.16	44.90 0.23 1.45	41.85 0.33 0.11	39.18 0.68 -0.51
CALSPAN___DRP 24200	42.56 1.05 -1.28	37.52 1.00 -0.96	35.14 1.07 -0.79	33.41 1.14 -0.67	33.44 1.02 -0.68	35.99 1.17 -1.30	46.74 0.84 -1.67	51.95 0.84 -1.90	51.60 0.10 -1.92	51.35 0.78 -1.63	51.58 0.98 -1.61	51.37 0.44 -1.71	55.07 1.04 -1.95	55.20 1.04 -1.92	58.78 0.73 -1.82	65.40 -0.32 -0.92	71.95 0.07 -2.06	82.41 -0.16 -3.51	74.39 1.12 -3.46	71.26 1.65 -3.64	56.04 0.90 -2.29	48.94 1.01 -1.80	43.62 0.62 -1.37	40.43 1.22 -1.23

CALVERTON___SOLAR 323806	40.75 0.52 0.00	35.75 0.18 0.00	33.69 0.40 0.00	31.36 -0.25 0.00	31.59 -0.16 0.00	33.75 0.24 0.00	44.26 0.04 0.01	48.20 -0.20 0.81	47.13 -0.10 2.35	47.06 -0.19 1.67	44.01 0.00 4.98	42.54 0.25 6.92	42.82 0.47 9.72	43.18 0.52 9.58	48.78 0.68 8.13	52.58 1.10 13.32	59.51 1.05 11.35	66.57 1.50 13.98	59.92 0.56 10.45	58.03 0.13 8.07	47.15 0.05 5.75	43.97 0.05 2.20	41.30 0.04 0.37	38.91 0.42 -0.51
CANDIGU_WT_PWR 323617	42.85 1.09 -1.54	37.60 0.89 -1.14	35.23 1.00 -0.94	33.48 1.08 -0.80	33.55 0.99 -0.81	36.28 1.20 -1.56	47.51 1.28 -2.00	52.71 1.23 -2.27	52.92 1.04 -2.29	52.15 1.27 -1.95	51.90 0.98 -1.92	52.00 0.74 -2.05	55.45 1.04 -2.34	55.52 0.99 -2.29	59.19 0.79 -2.17	66.42 0.52 -1.10	73.12 0.84 -2.46	84.36 1.11 -4.20	75.98 2.03 -4.13	72.49 2.17 -4.35	56.96 1.37 -2.74	49.62 1.34 -2.15	44.14 0.88 -1.64	40.60 1.14 -1.47
CARR STREET_E_SYR 24060	42.41 -0.32 -2.51	37.08 -0.36 -1.87	34.64 -0.27 -1.62	32.73 -0.22 -1.34	32.84 -0.26 -1.35	36.70 -0.20 -3.38	47.98 -0.22 -3.98	53.81 0.25 -4.35	54.23 0.25 -4.40	53.03 0.34 -3.75	52.72 0.35 -3.38	53.67 0.39 -4.06	55.79 0.26 -3.46	56.61 0.32 -4.06	59.92 0.17 -3.52	66.52 0.19 -1.52	72.73 -0.49 -3.40	84.45 -0.39 -5.79	75.43 -0.35 -5.96	72.34 -0.26 -6.63	57.26 -0.26 -4.67	49.56 -0.14 -3.57	44.60 -0.21 -3.18	40.67 -0.15 -2.83
CARTHAGE___PAPER 23857	47.68 1.61 -5.84	41.33 1.42 -4.34	39.19 1.43 -4.47	36.41 1.36 -3.44	36.37 1.30 -3.32	50.19 1.67 -15.00	62.08 2.52 -15.34	67.70 2.95 -15.54	65.57 2.58 -13.41	62.65 2.25 -11.46	59.53 2.06 -8.48	64.32 1.97 -13.13	58.45 1.87 -4.50	64.43 1.83 -10.37	65.15 2.02 -6.90	68.54 2.59 -1.14	74.67 2.30 -2.55	86.33 2.93 -4.34	79.96 3.07 -7.07	80.92 3.56 -11.39	68.03 2.69 -12.48	57.38 2.49 -8.76	55.39 2.04 -11.72	50.01 1.79 -10.24
CASSADAGA_WT_PWR 323784	43.65 2.13 -1.30	38.24 1.71 -0.97	35.91 1.83 -0.80	34.28 1.99 -0.67	34.24 1.81 -0.68	36.98 2.15 -1.32	48.30 2.39 -1.69	53.20 2.07 -1.92	53.40 1.88 -1.93	53.12 2.54 -1.65	53.02 2.40 -1.62	53.31 2.36 -1.73	57.11 3.07 -1.97	57.14 2.98 -1.93	60.70 2.64 -1.83	67.62 1.88 -0.93	74.34 2.44 -2.08	85.05 2.45 -3.54	77.21 3.91 -3.49	73.40 3.76 -3.67	57.49 2.32 -2.31	49.92 1.98 -1.81	44.09 1.08 -1.38	40.67 1.44 -1.24
CE_DUNWOOD___DRP 24194	41.55 1.33 0.00	36.71 1.14 0.00	34.32 1.03 0.00	32.43 0.82 0.00	32.54 0.79 0.00	34.35 0.84 0.00	45.46 1.24 0.00	50.39 1.18 0.00	51.07 1.49 0.00	51.29 1.42 -0.94	51.54 1.52 -1.02	51.79 1.67 -0.90	55.33 1.93 -1.33	55.41 1.88 -1.30	59.89 2.08 -1.58	69.63 2.72 -2.10	74.97 2.79 -2.36	84.41 3.79 -1.56	74.00 2.44 -1.74	68.78 1.91 -0.89	54.50 1.43 -0.22	47.92 1.20 -0.60	43.46 1.21 -0.62	39.56 1.06 -0.51
CE_MILLWOOD___DRP 24193	41.47 1.25 0.00	36.64 1.07 0.00	34.25 0.97 0.00	32.37 0.76 0.00	32.51 0.76 0.00	34.28 0.77 0.00	45.38 1.15 0.00	50.34 1.13 0.00	50.92 1.34 0.00	51.19 1.32 -0.93	51.43 1.42 -1.02	51.64 1.53 -0.90	55.22 1.82 -1.32	55.25 1.72 -1.29	59.71 1.91 -1.57	69.36 2.46 -2.09	74.74 2.58 -2.34	84.17 3.56 -1.55	73.85 2.30 -1.73	68.64 1.78 -0.89	54.40 1.32 -0.22	47.83 1.11 -0.59	43.37 1.12 -0.62	39.44 0.95 -0.51
CE_NYC2_DRP 24202	41.96 1.73 0.00	37.07 1.49 0.00	34.65 1.36 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.52 1.01 0.00	45.46 1.24 0.00	50.39 1.18 0.00	51.12 1.54 0.00	51.44 1.57 -0.94	51.78 1.76 -1.02	52.04 1.92 -0.90	55.59 2.19 -1.33	55.67 2.14 -1.30	60.29 2.47 -1.58	70.08 3.18 -2.10	75.25 3.07 -2.36	84.58 3.95 -1.57	74.14 2.58 -1.74	68.84 1.98 -0.89	54.45 1.37 -0.22	47.92 1.20 -0.60	43.71 1.46 -0.62	39.75 1.25 -0.51
CE_NYC_DRP 24195	41.92 1.69 0.00	37.03 1.46 0.00	34.62 1.33 0.00	32.65 1.04 0.00	32.80 1.05 0.00	34.59 1.07 0.00	45.73 1.50 0.00	50.74 1.53 0.00	51.47 1.88 0.00	51.73 1.86 -0.94	52.03 2.01 -1.02	52.28 2.17 -0.90	55.90 2.50 -1.33	55.99 2.45 -1.30	60.57 2.76 -1.58	70.34 3.43 -2.10	75.67 3.49 -2.36	85.13 4.51 -1.57	74.63 3.07 -1.74	69.31 2.44 -0.89	54.93 1.85 -0.22	48.25 1.52 -0.60	43.79 1.54 -0.62	39.83 1.33 -0.51
CHAFFEE___LFGE 323603	42.56 1.04 -1.29	37.28 0.75 -0.96	35.05 0.97 -0.79	33.42 1.14 -0.67	33.38 0.95 -0.68	36.03 1.20 -1.31	46.84 0.93 -1.68	51.52 0.39 -1.92	51.81 0.30 -1.93	51.50 0.93 -1.65	51.45 0.83 -1.62	51.68 0.74 -1.73	55.39 1.35 -1.97	55.47 1.31 -1.93	59.01 0.95 -1.83	65.86 0.13 -0.93	72.32 0.42 -2.08	82.67 0.08 -3.54	75.11 1.81 -3.48	71.55 1.91 -3.66	56.32 1.16 -2.31	49.19 1.25 -1.81	43.76 0.75 -1.38	40.52 1.29 -1.24
CHATEAUG_35_KV_LOAD 355732	43.26 1.01 -2.03	37.96 0.89 -1.50	35.72 0.77 -1.67	33.55 0.70 -1.25	33.63 0.70 -1.18	40.74 0.84 -6.39	50.95 0.40 -6.33	55.50 0.00 -6.29	54.98 0.15 -5.25	53.42 0.00 -4.49	52.03 -0.05 -3.09	54.40 -0.05 -5.24	52.91 -0.16 -0.99	55.93 -0.10 -3.80	58.44 0.00 -2.21	64.55 -0.26 0.00	69.54 -0.28 0.00	78.11 -0.95 0.00	71.29 0.14 -1.33	69.33 0.07 -3.29	57.61 0.16 -4.60	49.84 0.60 -3.12	47.33 0.92 -4.78	42.90 0.76 -4.16
CHATEAUG_WT_PWR 323614	41.94 0.93 -0.79	36.98 0.82 -0.59	34.64 0.70 -0.65	32.76 0.66 -0.49	32.85 0.63 -0.46	36.78 0.77 -2.50	46.88 0.18 -2.47	51.38 -0.29 -2.46	51.54 -0.10 -2.06	50.50 -0.19 -1.76	50.45 0.25 -1.21	51.07 -0.20 -2.05	52.10 -0.36 -0.39	53.41 -0.31 -1.49	56.82 -0.28 -0.87	64.03 -0.77 0.00	69.19 -0.63 0.00	77.79 -1.27 0.00	70.06 -0.28 -0.52	66.86 -0.39 -1.28	54.12 -0.53 -1.80	46.93 -0.42 -1.22	43.83 0.33 -1.87	40.33 0.72 -1.63
CHAT_HIGH_FALL_HYD 323578	43.26 1.01 -2.03	37.96 0.89 -1.50	35.72 0.77 -1.67	33.55 0.70 -1.25	33.63 0.70 -1.18	40.74 0.84 -6.39	50.95 0.40 -6.33	55.50 0.00 -6.29	54.98 0.15 -5.25	53.42 0.00 -4.49	52.03 -0.05 -3.09	54.40 -0.05 -5.24	52.91 -0.16 -0.99	55.93 -0.10 -3.80	58.44 0.00 -2.21	64.55 -0.26 0.00	69.54 -0.28 0.00	78.11 -0.95 0.00	71.29 0.14 -1.33	69.33 0.07 -3.29	57.61 0.16 -4.60	49.84 0.60 -3.12	47.33 0.92 -4.78	42.90 0.76 -4.16
CHAUTAUQUA___LFGE 323629	43.24 1.73 -1.29	37.88 1.35 -0.96	35.61 1.53 -0.79	33.92 1.64 -0.67	33.89 1.46 -0.68	36.60 1.78 -1.31	47.72 1.81 -1.68	52.45 1.33 -1.91	52.65 1.14 -1.92	52.38 1.81 -1.64	52.27 1.67 -1.61	52.51 1.57 -1.72	56.32 2.29 -1.96	56.30 2.14 -1.92	59.85 1.80 -1.82	66.76 1.03 -0.93	73.35 1.47 -2.07	84.00 1.42 -3.52	76.29 3.00 -3.47	72.59 2.97 -3.65	57.05 1.90 -2.30	49.68 1.75 -1.81	44.04 1.04 -1.37	40.74 1.52 -1.24
CHERRYST_13_KV_LD 356241	42.08 1.85 0.00	37.14 1.57 0.00	34.75 1.46 0.00	32.75 1.14 0.00	32.89 1.14 0.00	34.69 1.17 0.00	45.91 1.68 0.00	50.93 1.72 0.00	51.72 2.13 0.00	51.93 2.06 -0.94	52.27 2.25 -1.02	52.53 2.41 -0.90	56.16 2.76 -1.33	56.25 2.72 -1.30	60.85 3.04 -1.58	70.67 3.76 -2.10	76.02 3.84 -2.36	85.52 4.90 -1.57	74.91 3.35 -1.74	69.57 2.70 -0.89	55.09 2.01 -0.22	48.43 1.71 -0.60	43.91 1.67 -0.62	39.94 1.44 -0.51

CHESTROR_138KV_BK263 355645	41.07 0.84 0.00	36.32 0.75 0.00	33.95 0.67 0.00	32.11 0.51 0.00	32.29 0.54 0.00	34.05 0.54 0.00	45.07 0.84 0.00	50.00 0.79 0.00	50.53 0.94 0.00	50.61 0.88 -0.80	50.75 0.88 -0.87	50.97 0.98 -0.77	54.35 1.15 -1.14	54.44 1.10 -1.11	58.76 1.18 -1.35	68.22 1.62 -1.79	73.57 1.75 -2.01	83.00 2.61 -1.33	72.91 1.61 -1.48	67.92 1.19 -0.76	53.99 0.95 -0.19	47.42 0.78 -0.51	42.99 0.83 -0.53	39.14 0.72 -0.43
CH_MIDHUDSON___DRP 24192	41.23 1.01 0.00	36.43 0.85 0.00	34.09 0.80 0.00	32.24 0.63 0.00	32.42 0.67 0.00	34.15 0.64 0.00	45.20 0.97 0.00	50.19 0.98 0.00	50.67 1.09 0.00	50.56 1.03 -0.60	50.68 1.03 -0.65	50.92 1.13 -0.58	54.28 1.35 -0.85	54.32 1.25 -0.83	58.65 1.41 -1.01	68.03 1.88 -1.35	73.35 2.02 -1.51	82.98 2.93 -1.00	72.75 1.82 -1.11	67.86 1.32 -0.57	54.11 1.11 -0.14	47.43 0.92 -0.38	42.98 0.96 -0.40	39.15 0.84 -0.33
CH_MISC_IPPS 23765	41.43 1.21 0.00	36.68 1.10 0.00	34.25 0.97 0.00	32.40 0.79 0.00	32.61 0.86 0.00	34.38 0.87 0.00	45.51 1.28 0.00	50.68 1.47 0.00	50.97 1.39 0.00	50.95 1.32 -0.70	51.03 1.27 -0.76	51.21 1.33 -0.67	54.68 1.62 -0.99	54.71 1.52 -0.96	59.04 1.63 -1.18	68.63 2.27 -1.56	73.94 2.38 -1.75	83.54 3.32 -1.16	73.35 2.23 -1.29	68.42 1.78 -0.66	54.55 1.53 -0.17	47.91 1.34 -0.44	43.46 1.37 -0.46	39.43 1.06 -0.38
CH_RES_BVR_FALLS 23983	39.80 0.04 0.47	35.26 0.04 0.35	32.94 0.03 0.38	31.35 0.03 0.29	31.51 0.03 0.27	32.08 0.03 1.47	42.77 0.00 1.45	47.72 -0.05 1.45	48.39 0.00 1.20	47.91 0.00 1.02	48.29 0.00 0.70	48.02 0.00 1.19	51.79 -0.05 0.23	51.37 0.00 0.87	55.72 0.00 0.50	64.74 -0.06 0.00	69.75 -0.07 0.00	78.82 -0.24 0.00	69.44 -0.07 0.31	65.09 -0.13 0.75	51.53 -0.26 1.06	45.04 -0.37 0.72	40.11 -0.42 1.10	36.61 -0.42 0.96
CH_RES_NIAGARA 23895	41.87 0.40 -1.25	36.96 0.46 -0.93	34.69 0.63 -0.77	32.98 0.73 -0.65	32.98 0.57 -0.66	35.42 0.64 -1.27	45.14 -0.71 -1.62	49.97 -1.08 -1.85	49.61 -1.83 -1.86	49.44 -1.08 -1.59	49.77 -0.78 -1.56	49.45 -1.43 -1.66	53.13 -0.83 -1.90	53.26 -0.84 -1.86	56.64 -1.35 -1.76	62.91 -2.79 -0.90	69.10 -2.72 -2.00	78.83 -3.64 -3.41	71.15 -2.02 -3.35	68.18 -1.32 -3.53	53.86 -1.22 -2.22	47.27 -0.60 -1.75	42.21 -0.75 -1.33	39.87 0.68 -1.20
CH_RES_SYRACUSE 23985	43.71 0.08 -3.40	38.14 0.04 -2.54	35.51 0.07 -2.16	33.51 0.10 -1.80	33.63 0.06 -1.82	37.81 0.13 -4.16	49.48 0.22 -5.04	55.18 0.39 -5.58	55.47 0.35 -5.53	54.09 0.44 -4.72	53.79 0.39 -4.40	54.70 0.44 -5.04	57.03 0.10 -4.86	57.56 0.05 -5.28	60.92 -0.06 -4.74	66.95 -0.06 -2.21	74.47 -0.28 -4.93	87.30 -0.16 -8.40	78.24 -0.07 -8.49	75.28 0.07 -9.24	59.09 0.00 -6.24	51.27 0.33 -4.82	45.89 0.21 -4.06	41.84 0.23 -3.63
CLINTON_WT_PWR 323605	41.94 0.93 -0.79	36.98 0.82 -0.59	34.64 0.70 -0.65	32.76 0.66 -0.49	32.85 0.63 -0.46	36.78 0.77 -2.50	46.88 0.18 -2.47	51.38 -0.29 -2.46	51.54 -0.10 -2.06	50.50 -0.19 -1.76	50.45 0.25 -1.21	51.07 -0.20 -2.05	52.10 -0.36 -0.39	53.41 -0.31 -1.49	56.82 -0.28 -0.87	64.03 -0.77 0.00	69.19 -0.63 0.00	77.79 -1.27 0.00	70.06 -0.28 -0.52	66.86 -0.39 -1.28	54.12 -0.53 -1.80	46.93 -0.42 -1.22	43.83 0.33 -1.87	40.33 0.72 -1.63
CLINTON___LFGE 323618	43.02 1.57 -1.22	37.83 1.35 -0.91	35.49 1.20 -1.01	33.47 1.11 -0.75	33.54 1.08 -0.71	38.67 1.31 -3.85	48.44 0.40 -3.82	52.71 -0.29 -3.80	52.65 -0.10 -3.17	51.45 -0.19 -2.71	51.30 0.44 -1.86	52.13 -0.24 -3.16	52.25 -0.42 -0.60	54.17 -0.36 -2.30	57.23 -0.34 -1.34	63.83 -0.97 0.00	69.19 -0.63 0.00	77.87 -1.18 0.00	70.55 -0.07 -0.81	67.82 -0.13 -1.98	55.15 -0.48 -2.78	47.73 -0.28 -1.88	45.30 0.79 -2.89	41.90 1.41 -2.51
COBBLENY_34_KV_TB1 80064	42.57 1.05 -1.29	37.53 1.00 -0.96	35.15 1.07 -0.79	33.42 1.14 -0.67	33.45 1.02 -0.68	36.03 1.21 -1.31	46.84 0.93 -1.68	52.11 0.98 -1.92	51.81 0.30 -1.93	51.51 0.93 -1.65	51.69 1.08 -1.62	51.53 0.59 -1.73	55.24 1.20 -1.97	55.37 1.20 -1.93	59.01 0.96 -1.83	65.67 -0.06 -0.93	72.24 0.35 -2.08	82.83 0.24 -3.54	74.70 1.40 -3.48	71.55 1.91 -3.66	56.27 1.11 -2.31	49.14 1.20 -1.81	43.76 0.75 -1.38	40.52 1.29 -1.24
COFFEEN___115KV_TB3 355620	47.69 2.01 -5.45	41.40 1.78 -4.05	39.17 1.80 -4.08	36.49 1.71 -3.17	36.47 1.65 -3.07	48.69 2.08 -13.10	60.91 3.14 -13.55	66.77 3.74 -13.82	64.87 3.22 -12.06	62.03 2.79 -10.31	59.45 2.65 -7.81	63.47 2.51 -11.74	59.10 2.40 -4.64	64.16 2.40 -9.52	65.40 2.59 -6.58	69.54 3.37 -1.37	76.01 3.14 -3.05	88.28 4.03 -5.20	81.32 4.05 -7.45	81.85 4.75 -11.13	67.89 3.59 -11.44	57.47 3.23 -8.12	54.64 2.62 -10.39	49.33 2.24 -9.10
COLDSPRG_115KV_BK1 355956	43.58 2.05 -1.31	38.43 1.89 -0.97	35.99 1.90 -0.80	34.18 1.90 -0.68	34.28 1.84 -0.69	36.95 2.11 -1.33	48.40 2.48 -1.70	53.95 2.80 -1.93	53.66 2.13 -1.95	53.33 2.74 -1.66	53.37 2.74 -1.63	53.27 2.31 -1.74	57.08 3.02 -1.99	57.11 2.93 -1.95	60.83 2.76 -1.85	67.62 1.88 -0.94	74.57 2.65 -2.10	85.71 3.08 -3.57	77.38 4.05 -3.51	73.96 4.29 -3.70	57.98 2.80 -2.33	50.31 2.35 -1.83	44.60 1.58 -1.39	41.10 1.86 -1.25
COLONIE_LFGE___ 323577	40.67 0.44 0.00	36.03 0.46 0.00	33.69 0.40 0.00	31.99 0.38 0.00	32.16 0.41 0.00	33.88 0.37 0.00	44.89 0.66 0.00	51.02 0.89 -0.93	50.33 0.74 0.00	48.33 0.63 1.24	48.24 0.59 1.35	48.62 0.59 1.19	50.94 0.63 1.76	52.54 0.63 0.33	54.82 0.68 2.09	63.01 0.97 2.77	67.82 1.11 3.11	78.81 1.82 2.06	103.52 1.05 -32.65	96.47 0.79 -29.71	55.89 0.79 -2.24	46.07 0.74 0.79	41.52 0.71 0.82	37.81 0.49 0.67
COOPERNY_115KV_TB1 80082	40.87 0.64 0.00	36.11 0.53 0.00	33.79 0.50 0.00	32.02 0.41 0.00	32.16 0.41 0.00	33.92 0.40 0.00	44.84 0.62 0.00	49.85 0.64 0.00	50.33 0.74 0.00	50.12 0.64 -0.55	50.28 0.69 -0.60	50.48 0.74 -0.53	53.74 0.89 -0.78	53.83 0.84 -0.76	58.06 0.90 -0.93	67.27 1.23 -1.23	72.53 1.33 -1.38	81.95 1.98 -0.92	71.96 1.12 -1.02	67.35 0.86 -0.52	53.67 0.69 -0.13	47.08 0.60 -0.35	42.57 0.58 -0.36	38.82 0.53 -0.30
COPENHAGEN_WT_PWR 323753	47.22 1.65 -5.34	40.96 1.42 -3.97	38.73 1.46 -3.98	36.10 1.39 -3.10	36.09 1.33 -3.01	47.82 1.71 -12.60	59.86 2.56 -13.07	65.62 3.05 -13.36	63.96 2.68 -11.70	61.33 2.40 -10.00	58.83 2.21 -7.63	62.70 2.11 -11.37	58.77 2.03 -4.67	63.52 1.98 -9.30	64.86 2.14 -6.49	69.01 2.78 -1.43	75.51 2.51 -3.18	87.64 3.17 -5.42	80.58 3.21 -7.55	80.86 3.82 -11.06	66.87 2.85 -11.16	56.70 2.63 -7.94	53.79 2.12 -10.04	48.64 1.86 -8.79
CORNELL_____ 23752	43.24 0.97 -2.05	37.95 0.85 -1.53	35.38 0.83 -1.26	33.50 0.82 -1.07	33.66 0.83 -1.08	36.57 0.97 -2.08	48.22 1.33 -2.67	54.02 1.77 -3.04	54.13 1.49 -3.06	52.91 1.37 -2.61	52.84 1.27 -2.57	53.03 1.08 -2.73	56.34 1.15 -3.12	56.44 1.15 -3.06	60.31 1.18 -2.90	67.70 1.43 -1.47	74.92 1.82 -3.29	87.04 2.37 -5.61	77.43 2.09 -5.52	74.09 2.31 -5.81	58.15 1.64 -3.66	50.43 1.43 -2.87	44.94 1.12 -2.18	41.06 1.10 -1.97

CORONA_69_KV_TB1 355595	41.51 1.29 0.00	36.53 0.96 0.00	34.29 1.00 0.00	32.15 0.54 0.00	32.32 0.57 0.00	34.39 0.87 0.00	45.06 0.84 0.01	50.05 0.69 -0.15	52.35 0.99 -1.78	52.61 0.98 -2.70	50.65 1.22 -0.43	50.74 1.38 -0.15	54.01 1.67 -0.27	54.11 1.62 -0.25	58.74 1.86 -0.65	67.89 2.46 -0.62	73.37 2.51 -1.04	82.73 3.64 -0.04	72.66 2.30 -0.54	67.76 1.78 -0.01	53.72 1.22 0.35	47.41 0.97 -0.32	43.02 0.87 -0.52	39.52 1.03 -0.51
CORTLAND_115KV_TB3 80093	43.60 0.93 -2.45	38.18 0.78 -1.82	35.67 0.77 -1.62	33.69 0.76 -1.32	33.83 0.76 -1.32	38.09 0.94 -3.64	49.86 1.46 -4.17	55.88 2.17 -4.50	56.08 2.08 -4.41	54.61 1.91 -3.77	54.22 1.91 -3.31	55.19 1.87 -4.11	57.09 1.82 -3.20	58.05 1.83 -3.98	61.50 1.91 -3.36	68.44 2.27 -1.37	74.91 2.02 -3.06	86.80 2.53 -5.22	77.54 2.23 -5.49	74.63 2.38 -6.28	59.23 1.74 -4.63	51.15 1.52 -3.50	46.18 1.25 -3.31	42.03 1.10 -2.94
COXSACKIE___GT 23611	40.51 0.28 0.00	35.82 0.25 0.00	33.49 0.20 0.00	31.83 0.22 0.00	32.19 0.44 0.00	33.98 0.47 0.00	44.98 0.75 0.00	50.29 1.38 0.29	49.88 0.30 0.00	48.76 0.20 0.37	48.30 -0.29 0.40	48.47 -0.40 0.35	51.13 -0.42 0.52	50.87 -0.42 0.94	55.22 -0.39 0.62	63.23 0.13 1.71	66.34 0.70 4.17	80.34 1.89 0.61	59.77 1.67 11.72	57.12 1.25 10.10	53.39 1.43 0.89	47.09 1.20 0.23	42.68 1.29 0.24	38.93 1.14 0.20
CPV_VALLEY___CC1 323721	40.83 0.60 0.00	36.11 0.53 0.00	33.75 0.47 0.00	31.96 0.35 0.00	32.10 0.35 0.00	33.85 0.34 0.00	44.80 0.57 0.00	49.80 0.59 0.00	50.23 0.64 0.00	50.24 0.59 -0.71	50.41 0.64 -0.78	50.59 0.69 -0.69	53.91 0.83 -1.01	54.01 0.78 -0.99	58.28 0.84 -1.20	67.70 1.30 -1.60	72.87 1.26 -1.79	82.22 1.98 -1.19	72.19 1.05 -1.32	67.38 0.73 -0.68	53.66 0.64 -0.17	47.14 0.56 -0.46	42.73 0.63 -0.47	38.83 0.46 -0.39
CPV_VALLEY___CC2 323722	40.83 0.60 0.00	36.11 0.53 0.00	33.75 0.47 0.00	31.96 0.35 0.00	32.10 0.35 0.00	33.85 0.34 0.00	44.80 0.57 0.00	49.80 0.59 0.00	50.23 0.64 0.00	50.24 0.59 -0.71	50.41 0.64 -0.78	50.59 0.69 -0.69	53.91 0.83 -1.01	54.01 0.78 -0.99	58.28 0.84 -1.20	67.70 1.30 -1.60	72.87 1.26 -1.79	82.22 1.98 -1.19	72.19 1.05 -1.32	67.38 0.73 -0.68	53.66 0.64 -0.17	47.14 0.56 -0.46	42.73 0.63 -0.47	38.83 0.46 -0.39
CRESCENT___HYD 24018	40.67 0.44 0.00	36.03 0.46 0.00	33.69 0.40 0.00	31.99 0.38 0.00	32.16 0.41 0.00	33.88 0.37 0.00	44.89 0.66 0.00	51.02 0.89 -0.93	50.33 0.74 0.00	48.33 0.63 1.24	48.24 0.59 1.35	48.62 0.59 1.19	50.94 0.63 1.76	52.54 0.63 0.33	54.82 0.68 2.09	63.01 0.97 2.77	67.82 1.11 3.11	78.81 1.82 2.06	103.52 1.05 -32.65	96.47 0.79 -29.71	55.89 0.79 -2.24	46.07 0.74 0.79	41.52 0.71 0.82	37.81 0.49 0.67
CRICKET___VALLEY_CC1 323756	40.67 0.44 0.00	36.03 0.46 0.00	33.69 0.40 0.00	31.86 0.25 0.00	32.03 0.29 0.00	33.65 0.13 0.00	44.49 0.27 0.00	49.56 0.35 0.00	49.93 0.35 0.00	33.16 0.30 16.06	31.86 0.35 17.48	34.17 0.39 15.44	29.85 0.57 22.79	30.55 0.52 22.21	29.77 0.62 27.08	29.81 0.97 35.97	30.39 0.91 40.33	53.79 1.50 26.77	40.59 0.56 29.79	50.99 0.26 15.25	49.28 0.27 3.84	36.13 0.23 10.23	31.40 0.37 10.61	29.46 0.19 8.72
CRICKET___VALLEY_CC2 323757	40.67 0.44 0.00	36.03 0.46 0.00	33.69 0.40 0.00	31.86 0.25 0.00	32.03 0.29 0.00	33.65 0.13 0.00	44.49 0.27 0.00	49.56 0.35 0.00	49.93 0.35 0.00	33.16 0.30 16.06	31.86 0.35 17.48	34.17 0.39 15.44	29.85 0.57 22.79	30.55 0.52 22.21	29.77 0.62 27.08	29.81 0.97 35.97	30.39 0.91 40.33	53.79 1.50 26.77	40.59 0.56 29.79	50.99 0.26 15.25	49.28 0.27 3.84	36.13 0.23 10.23	31.40 0.37 10.61	29.46 0.19 8.72
CRICKET___VALLEY_CC3 323758	40.67 0.44 0.00	36.03 0.46 0.00	33.69 0.40 0.00	31.86 0.25 0.00	32.03 0.29 0.00	33.65 0.13 0.00	44.49 0.27 0.00	49.56 0.35 0.00	49.93 0.35 0.00	33.16 0.30 16.06	31.86 0.35 17.48	34.17 0.39 15.44	29.85 0.57 22.79	30.55 0.52 22.21	29.77 0.62 27.08	29.81 0.97 35.97	30.39 0.91 40.33	53.79 1.50 26.77	40.59 0.56 29.79	50.99 0.26 15.25	49.28 0.27 3.84	36.13 0.23 10.23	31.40 0.37 10.61	29.46 0.19 8.72
CRUCIBLE_METL_DRP 24180	43.71 0.08 -3.40	38.18 0.07 -2.54	35.51 0.07 -2.16	33.51 0.09 -1.80	33.66 0.10 -1.82	37.81 0.13 -4.16	49.48 0.22 -5.04	55.23 0.44 -5.58	55.46 0.35 -5.53	54.09 0.44 -4.72	53.84 0.44 -4.40	54.65 0.39 -5.04	57.03 0.10 -4.86	57.56 0.05 -5.28	60.92 -0.06 -4.74	66.88 -0.13 -2.21	74.47 -0.28 -4.93	87.38 -0.08 -8.40	78.17 -0.14 -8.49	75.28 0.07 -9.24	59.09 0.00 -6.24	51.22 0.28 -4.82	45.85 0.17 -4.06	41.84 0.23 -3.63
DAHOWA___HYDRO 323763	41.15 0.93 0.00	36.42 0.85 0.00	34.12 0.83 0.00	32.43 0.82 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.51 1.28 0.00	51.35 1.62 -0.51	50.92 1.34 0.00	49.05 1.13 1.01	48.82 0.93 1.10	49.18 0.93 0.97	51.52 0.88 1.43	52.49 0.89 0.63	55.48 0.95 1.70	63.90 1.36 2.26	68.95 1.67 2.54	79.98 2.61 1.68	89.37 2.03 -17.53	83.87 1.71 -16.19	55.61 1.58 -1.17	46.96 1.48 0.64	42.21 1.25 0.67	38.39 0.95 0.55
DANC___LFGE 323619	45.96 0.96 -4.77	39.94 0.82 -3.55	37.57 0.86 -3.41	35.13 0.82 -2.70	35.19 0.79 -2.65	44.40 1.07 -9.82	56.27 1.59 -10.45	61.97 1.92 -10.84	61.00 1.69 -9.73	58.71 1.47 -8.32	57.00 1.37 -6.64	59.88 1.33 -9.33	58.13 1.20 -4.86	61.49 1.20 -8.06	63.48 1.24 -6.02	68.18 1.62 -1.75	75.06 1.32 -3.92	87.46 1.74 -6.67	79.66 1.75 -8.10	78.83 2.17 -10.68	64.18 1.69 -9.64	54.74 1.61 -7.00	51.02 1.29 -8.10	46.25 1.14 -7.12
DANSKAMMER___1 23586	41.43 1.21 0.00	36.68 1.10 0.00	34.25 0.97 0.00	32.40 0.79 0.00	32.61 0.86 0.00	34.38 0.87 0.00	45.51 1.28 0.00	50.68 1.47 0.00	50.97 1.39 0.00	50.95 1.32 -0.70	51.03 1.27 -0.76	51.21 1.33 -0.67	54.68 1.62 -0.99	54.71 1.52 -0.96	59.04 1.63 -1.18	68.63 2.27 -1.56	73.94 2.38 -1.75	83.54 3.32 -1.16	73.35 2.23 -1.29	68.42 1.78 -0.66	54.55 1.53 -0.17	47.91 1.34 -0.44	43.46 1.37 -0.46	39.43 1.06 -0.38
DANSKAMMER___2 23589	41.43 1.21 0.00	36.68 1.10 0.00	34.25 0.97 0.00	32.40 0.79 0.00	32.61 0.86 0.00	34.38 0.87 0.00	45.51 1.28 0.00	50.68 1.47 0.00	50.97 1.39 0.00	50.95 1.32 -0.70	51.03 1.27 -0.76	51.21 1.33 -0.67	54.68 1.62 -0.99	54.71 1.52 -0.96	59.04 1.63 -1.18	68.63 2.27 -1.56	73.94 2.38 -1.75	83.54 3.32 -1.16	73.35 2.23 -1.29	68.42 1.78 -0.66	54.55 1.53 -0.17	47.91 1.34 -0.44	43.46 1.37 -0.46	39.43 1.06 -0.38
DANSKAMMER___3 23590	41.43 1.21 0.00	36.68 1.10 0.00	34.25 0.97 0.00	32.40 0.79 0.00	32.61 0.86 0.00	34.38 0.87 0.00	45.51 1.28 0.00	50.68 1.47 0.00	50.97 1.39 0.00	50.95 1.32 -0.70	51.03 1.27 -0.76	51.21 1.33 -0.67	54.68 1.62 -0.99	54.71 1.52 -0.96	59.04 1.63 -1.18	68.63 2.27 -1.56	73.94 2.38 -1.75	83.54 3.32 -1.16	73.35 2.23 -1.29	68.42 1.78 -0.66	54.55 1.53 -0.17	47.91 1.34 -0.44	43.46 1.37 -0.46	39.43 1.06 -0.38

DANSKAMMER___4 23591	41.43 1.21 0.00	36.68 1.10 0.00	34.25 0.97 0.00	32.40 0.79 0.00	32.61 0.86 0.00	34.38 0.87 0.00	45.51 1.28 0.00	50.68 1.47 0.00	50.97 1.39 0.00	50.95 1.32 -0.70	51.03 1.27 -0.76	51.21 1.33 -0.67	54.68 1.62 -0.99	54.71 1.52 -0.96	59.04 1.63 -1.18	68.63 2.27 -1.56	73.94 2.38 -1.75	83.54 3.32 -1.16	73.35 2.23 -1.29	68.42 1.78 -0.66	54.55 1.53 -0.17	47.91 1.34 -0.44	43.46 1.37 -0.46	39.43 1.06 -0.38
DANSKAMMER___DIESEL 23592	41.43 1.21 0.00	36.60 1.03 0.00	34.25 0.97 0.00	32.40 0.79 0.00	32.61 0.86 0.00	34.39 0.87 0.00	45.51 1.28 0.00	50.49 1.28 0.00	50.97 1.39 0.00	50.95 1.32 -0.70	51.03 1.27 -0.76	51.21 1.33 -0.67	54.67 1.61 -0.99	54.71 1.51 -0.96	59.09 1.69 -1.18	68.63 2.27 -1.56	74.01 2.44 -1.75	83.70 3.48 -1.16	73.42 2.30 -1.29	68.42 1.78 -0.66	54.55 1.53 -0.17	47.82 1.25 -0.44	43.34 1.25 -0.46	39.43 1.06 -0.38
DARBY___SOLAR 323810	41.03 0.80 0.00	36.32 0.75 0.00	34.02 0.73 0.00	32.30 0.69 0.00	32.48 0.73 0.00	34.22 0.70 0.00	45.37 1.15 0.00	51.21 1.43 -0.57	50.77 1.19 0.00	48.86 0.98 1.05	48.63 0.78 1.15	48.99 0.79 1.01	51.31 0.73 1.49	52.41 0.78 0.61	55.30 0.84 1.77	63.68 1.23 2.36	68.64 1.47 2.64	79.67 2.37 1.75	91.09 1.81 -19.46	85.34 1.45 -17.92	55.58 1.43 -1.30	46.75 1.29 0.67	42.06 1.12 0.69	38.25 0.83 0.57
DASHVILLE___HYD 23610	41.15 0.93 0.00	36.35 0.78 0.00	33.99 0.70 0.00	32.18 0.57 0.00	32.38 0.63 0.00	34.12 0.60 0.00	45.15 0.93 0.00	50.42 1.28 0.07	50.48 0.89 0.00	50.52 1.17 -0.42	50.57 1.13 -0.45	50.80 1.18 -0.40	54.12 1.46 -0.59	54.07 1.36 -0.48	58.39 1.46 -0.70	67.60 2.07 -0.72	72.38 2.30 -0.26	83.07 3.32 -0.69	70.29 2.16 1.70	65.90 1.72 1.78	54.25 1.48 0.08	47.64 1.25 -0.26	43.11 1.21 -0.27	39.24 1.03 -0.23
DELAWARE___LFGE 323621	41.83 0.80 -0.80	36.88 0.71 -0.59	34.48 0.70 -0.49	32.72 0.70 -0.41	32.84 0.67 -0.42	35.03 0.70 -0.81	46.33 1.06 -1.04	51.57 1.18 -1.18	51.92 1.14 -1.19	51.02 1.08 -1.02	51.07 1.08 -1.00	51.31 1.03 -1.06	54.43 1.15 -1.21	54.52 1.10 -1.19	58.48 1.12 -1.13	66.80 1.43 -0.57	72.70 1.61 -1.28	83.45 2.21 -2.18	73.36 1.40 -2.15	69.62 1.39 -2.26	55.44 1.16 -1.42	48.26 1.01 -1.12	43.35 0.87 -0.85	39.55 0.80 -0.77
DERFIELD_115KV_TB7 355931	40.56 0.00 -0.33	35.82 0.00 -0.25	33.56 0.00 -0.27	31.81 0.00 -0.20	31.94 0.00 -0.19	34.56 0.00 -1.05	45.31 0.04 -1.04	50.29 0.05 -1.03	50.46 0.00 -0.87	49.68 0.00 -0.75	49.51 0.00 -0.51	50.09 0.00 -0.87	52.29 0.05 -0.17	52.87 0.00 -0.63	56.60 0.00 -0.37	64.87 0.06 0.00	69.96 0.14 0.00	79.37 0.32 0.00	70.11 0.07 -0.22	66.51 0.00 -0.54	53.66 0.05 -0.75	46.64 0.00 -0.51	42.41 0.00 -0.78	38.67 0.00 -0.68
DOGLEVILLE___HYD 23807	40.16 -0.40 -0.33	35.43 -0.39 -0.25	33.19 -0.37 -0.27	31.47 -0.35 -0.20	31.63 -0.32 -0.19	34.29 -0.27 -1.05	45.04 -0.22 -1.04	49.89 -0.34 -1.03	50.01 -0.45 -0.87	49.24 -0.44 -0.75	49.17 -0.34 -0.51	49.79 -0.30 -0.87	51.82 -0.42 -0.17	52.34 -0.52 -0.63	56.04 -0.56 -0.37	64.29 -0.52 0.00	68.84 -0.98 0.00	77.95 -1.11 0.00	68.64 -1.40 -0.22	64.93 -1.58 -0.54	52.13 -1.48 -0.75	45.25 -1.38 -0.51	41.04 -1.37 -0.78	37.26 -1.41 -0.68
DUNKIRK___115KV_TB_200 55889	43.16 1.65 -1.29	38.10 1.57 -0.96	35.64 1.56 -0.79	33.89 1.61 -0.67	33.92 1.49 -0.68	36.53 1.71 -1.31	47.63 1.72 -1.68	52.89 1.77 -1.91	52.55 1.04 -1.92	52.28 1.71 -1.64	52.42 1.81 -1.61	52.21 1.28 -1.72	56.01 1.98 -1.96	56.09 1.93 -1.92	59.74 1.69 -1.82	66.44 0.71 -0.93	73.21 1.33 -2.07	84.00 1.42 -3.52	75.80 2.51 -3.47	72.52 2.90 -3.65	56.95 1.80 -2.30	49.59 1.66 -1.80	44.04 1.04 -1.37	40.74 1.52 -1.24
DUNKIRK___1 23563	43.16 1.65 -1.29	38.10 1.57 -0.96	35.64 1.56 -0.79	33.89 1.61 -0.67	33.92 1.49 -0.68	36.53 1.71 -1.31	47.63 1.72 -1.68	52.89 1.77 -1.91	52.55 1.04 -1.92	52.28 1.71 -1.64	52.42 1.81 -1.61	52.21 1.28 -1.72	56.01 1.98 -1.96	56.09 1.93 -1.92	59.74 1.69 -1.82	66.44 0.71 -0.93	73.21 1.33 -2.07	84.00 1.42 -3.52	75.80 2.51 -3.47	72.52 2.90 -3.65	56.95 1.80 -2.30	49.59 1.66 -1.80	44.04 1.04 -1.37	40.74 1.52 -1.24
DUNKIRK___2 23564	43.16 1.65 -1.29	38.10 1.57 -0.96	35.64 1.56 -0.79	33.89 1.61 -0.67	33.92 1.49 -0.68	36.53 1.71 -1.31	47.63 1.72 -1.68	52.89 1.77 -1.91	52.55 1.04 -1.92	52.28 1.71 -1.64	52.42 1.81 -1.61	52.21 1.28 -1.72	56.01 1.98 -1.96	56.09 1.93 -1.92	59.74 1.69 -1.82	66.44 0.71 -0.93	73.21 1.33 -2.07	84.00 1.42 -3.52	75.80 2.51 -3.47	72.52 2.90 -3.65	56.95 1.80 -2.30	49.59 1.66 -1.80	44.04 1.04 -1.37	40.74 1.52 -1.24
DUNKIRK___3 23565	42.84 1.33 -1.28	37.81 1.28 -0.96	35.37 1.30 -0.79	33.64 1.36 -0.67	33.67 1.24 -0.68	36.26 1.44 -1.30	47.18 1.28 -1.67	52.44 1.33 -1.90	52.10 0.60 -1.92	51.84 1.27 -1.63	51.98 1.37 -1.61	51.77 0.84 -1.71	55.54 1.51 -1.96	55.61 1.46 -1.92	59.23 1.18 -1.82	65.92 0.19 -0.92	72.58 0.70 -2.06	83.36 0.79 -3.51	75.16 1.89 -3.46	71.92 2.31 -3.64	56.52 1.37 -2.29	49.26 1.34 -1.80	43.79 0.79 -1.37	40.55 1.33 -1.23
DUNKIRK___4 23566	42.84 1.33 -1.28	37.81 1.28 -0.96	35.37 1.30 -0.79	33.64 1.36 -0.67	33.67 1.24 -0.68	36.26 1.44 -1.30	47.18 1.28 -1.67	52.44 1.33 -1.90	52.10 0.60 -1.92	51.84 1.27 -1.63	51.98 1.37 -1.61	51.77 0.84 -1.71	55.54 1.51 -1.96	55.61 1.46 -1.92	59.23 1.18 -1.82	65.92 0.19 -0.92	72.58 0.70 -2.06	83.36 0.79 -3.51	75.16 1.89 -3.46	71.92 2.31 -3.64	56.52 1.37 -2.29	49.26 1.34 -1.80	43.79 0.79 -1.37	40.55 1.33 -1.23
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	41.63 1.41 0.00	36.78 1.21 0.00	34.39 1.10 0.00	32.46 0.85 0.00	32.57 0.83 0.00	34.39 0.87 0.00	45.51 1.28 0.00	50.49 1.28 0.00	51.17 1.59 0.00	51.39 1.52 -0.94	51.68 1.67 -1.02	51.94 1.82 -0.90	55.49 2.08 -1.33	55.57 2.04 -1.30	60.06 2.25 -1.58	69.83 2.92 -2.10	75.18 3.00 -2.36	84.65 4.03 -1.57	74.21 2.65 -1.74	68.98 2.11 -0.89	54.61 1.53 -0.22	48.02 1.29 -0.60	43.54 1.29 -0.62	39.60 1.10 -0.51
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	41.27 1.05 0.00	36.46 0.89 0.00	34.12 0.83 0.00	32.27 0.66 0.00	32.45 0.70 0.00	34.22 0.70 0.00	45.29 1.06 0.00	50.29 1.08 0.00	50.77 1.19 0.00	50.72 1.08 -0.72	50.85 1.08 -0.78	51.03 1.13 -0.69	54.49 1.41 -1.02	54.53 1.31 -0.99	58.84 1.41 -1.21	68.35 1.94 -1.60	73.71 2.09 -1.80	83.33 3.08 -1.19	73.10 1.95 -1.33	68.17 1.52 -0.68	54.29 1.27 -0.17	47.60 1.01 -0.46	43.14 1.04 -0.47	39.25 0.87 -0.39
E179THST_138_KV_TB4_REV_LBMP_J 345001	42.08 1.85 -0.01	37.22 1.64 -0.01	34.79 1.50 -0.01	32.72 1.11 -0.01	32.87 1.11 -0.01	34.59 1.07 0.00	45.38 1.15 0.00	50.10 0.89 0.00	50.87 1.29 0.00	51.14 1.27 -0.94	51.54 1.52 -1.02	51.79 1.67 -0.90	55.33 1.93 -1.33	55.41 1.88 -1.30	60.01 2.19 -1.58	69.76 2.85 -2.10	74.90 2.72 -2.36	84.18 3.56 -1.57	73.80 2.23 -1.74	68.52 1.65 -0.89	54.19 1.11 -0.22	47.83 1.11 -0.60	43.83 1.58 -0.62	39.91 1.41 -0.52

E179THST_13_KV_LOAD 356214	42.29 2.05 -0.01	37.39 1.81 -0.01	34.96 1.66 -0.01	32.88 1.26 -0.01	33.03 1.27 -0.01	34.75 1.24 0.00	45.64 1.42 0.00	50.39 1.18 0.00	51.17 1.59 0.00	51.44 1.57 -0.94	51.83 1.81 -1.02	52.09 1.97 -0.90	55.70 2.29 -1.33	55.73 2.19 -1.30	60.40 2.59 -1.58	70.21 3.31 -2.10	75.39 3.21 -2.36	84.73 4.11 -1.57	74.28 2.72 -1.74	68.91 2.05 -0.89	54.56 1.48 -0.22	48.11 1.38 -0.60	44.08 1.83 -0.62	40.10 1.60 -0.52
EAST HAMPTON___GT 23717	40.95 0.72 0.00	35.93 0.36 0.00	33.99 0.70 0.00	31.64 0.03 0.00	31.97 0.22 0.00	34.25 0.74 0.00	44.79 0.57 0.01	48.79 0.39 0.81	47.78 0.55 2.35	48.04 0.78 1.67	45.24 1.23 4.98	43.87 1.57 6.92	44.39 2.03 9.71	44.80 2.14 9.58	50.58 2.47 8.12	54.66 3.17 13.32	61.47 3.00 11.35	68.32 3.24 13.98	60.90 1.53 10.45	58.63 0.73 8.07	47.47 0.37 5.75	44.29 0.37 2.20	41.46 0.21 0.37	39.26 0.76 -0.51
EAST RIVER___6 23660	42.04 1.81 0.00	37.13 1.56 0.00	34.75 1.46 0.00	32.75 1.14 0.00	32.89 1.14 0.00	34.62 1.10 0.00	45.73 1.50 0.00	50.88 1.67 0.00	51.52 1.93 0.00	51.78 1.91 -0.94	52.12 2.11 -1.02	52.38 2.27 -0.90	56.06 2.65 -1.33	56.14 2.61 -1.30	60.74 2.92 -1.58	70.54 3.63 -2.10	75.67 3.49 -2.36	84.97 4.35 -1.57	74.56 3.00 -1.74	69.31 2.44 -0.89	55.08 2.01 -0.22	48.52 1.80 -0.60	44.00 1.75 -0.62	39.90 1.41 -0.51
EAST RIVER___7 23524	42.04 1.81 0.00	37.13 1.56 0.00	34.75 1.46 0.00	32.75 1.14 0.00	32.89 1.14 0.00	34.62 1.10 0.00	45.73 1.50 0.00	50.88 1.67 0.00	51.52 1.93 0.00	51.78 1.91 -0.94	52.12 2.11 -1.02	52.38 2.27 -0.90	56.06 2.65 -1.33	56.14 2.61 -1.30	60.74 2.92 -1.58	70.54 3.63 -2.10	75.67 3.49 -2.36	84.97 4.35 -1.57	74.56 3.00 -1.74	69.31 2.44 -0.89	55.08 2.01 -0.22	48.52 1.80 -0.60	44.00 1.75 -0.62	39.90 1.41 -0.51
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	41.55 1.33 0.00	36.71 1.14 0.00	34.32 1.03 0.00	32.43 0.82 0.00	32.54 0.79 0.00	34.35 0.84 0.00	45.46 1.24 0.00	50.39 1.18 0.00	51.07 1.49 0.00	51.29 1.42 -0.94	51.54 1.52 -1.02	51.79 1.67 -0.90	55.33 1.93 -1.33	55.41 1.88 -1.30	59.89 2.08 -1.58	69.63 2.72 -2.10	74.97 2.79 -2.36	84.41 3.79 -1.56	74.00 2.44 -1.74	68.78 1.91 -0.89	54.50 1.43 -0.22	47.92 1.20 -0.60	43.46 1.21 -0.62	39.56 1.06 -0.51
EAST_HAMPTON___DIESEL 23722	40.87 0.64 0.00	35.85 0.28 0.00	33.95 0.67 0.00	31.61 0.00 0.00	31.94 0.19 0.00	34.25 0.74 0.00	44.75 0.53 0.01	48.75 0.35 0.81	47.73 0.50 2.35	48.04 0.78 1.67	45.24 1.23 4.98	43.83 1.53 6.92	44.34 1.98 9.71	44.80 2.14 9.58	50.58 2.47 8.12	54.60 3.11 13.32	61.47 3.00 11.35	68.24 3.17 13.98	60.76 1.40 10.45	58.49 0.59 8.07	47.37 0.27 5.75	44.20 0.28 2.20	41.38 0.13 0.37	39.22 0.72 -0.51
EAST_POINT___SOLAR 323840	42.80 2.58 0.00	37.81 2.24 0.00	35.48 2.20 0.00	33.69 2.09 0.00	33.88 2.13 0.00	35.93 2.41 0.00	47.76 3.54 0.00	53.29 4.08 0.00	52.86 3.27 0.00	50.84 2.49 0.59	49.88 1.52 0.64	50.27 1.62 0.56	53.06 1.82 0.83	53.30 1.88 0.81	57.21 1.97 0.99	66.21 2.72 1.31	71.97 3.63 1.47	83.61 5.53 0.98	73.97 5.24 1.09	70.37 4.95 0.56	56.94 4.23 0.14	49.44 3.69 0.37	44.32 3.08 0.39	40.21 2.55 0.32
EAST_PULASKI___ESR 323781	45.43 0.24 -4.96	39.44 0.18 -3.69	36.83 0.23 -3.31	34.56 0.25 -2.70	34.66 0.22 -2.69	41.59 0.37 -7.71	53.45 0.49 -8.74	59.23 0.64 -9.38	58.92 0.50 -8.84	56.91 0.44 -7.54	55.97 0.39 -6.58	57.80 0.35 -8.24	58.54 0.21 -6.26	60.42 0.26 -7.93	63.03 0.17 -6.63	67.79 0.33 -2.66	75.84 0.07 -5.95	89.43 0.24 -10.13	80.82 0.21 -10.80	79.02 0.53 -12.52	62.68 0.37 -9.46	53.75 0.51 -7.12	48.86 0.33 -6.90	44.53 0.42 -6.13
EAST_RIVER___1 323558	41.92 1.69 0.00	37.07 1.49 0.00	34.65 1.37 0.00	32.65 1.04 0.00	32.80 1.05 0.00	34.59 1.07 0.00	45.73 1.50 0.00	50.88 1.67 0.00	51.47 1.88 0.00	51.73 1.86 -0.94	52.03 2.01 -1.02	52.23 2.11 -0.90	55.90 2.50 -1.33	55.99 2.46 -1.30	60.57 2.75 -1.58	70.41 3.50 -2.10	75.60 3.42 -2.36	84.97 4.35 -1.57	74.49 2.93 -1.74	69.31 2.44 -0.89	54.93 1.85 -0.22	48.34 1.61 -0.60	43.87 1.62 -0.62	39.83 1.33 -0.51
EAST_RIVER___2 323559	42.04 1.81 0.00	37.13 1.56 0.00	34.75 1.46 0.00	32.75 1.14 0.00	32.89 1.14 0.00	34.62 1.10 0.00	45.73 1.50 0.00	50.88 1.67 0.00	51.52 1.93 0.00	51.78 1.91 -0.94	52.12 2.11 -1.02	52.38 2.27 -0.90	56.06 2.65 -1.33	56.14 2.61 -1.30	60.74 2.92 -1.58	70.54 3.63 -2.10	75.67 3.49 -2.36	84.97 4.35 -1.57	74.56 3.00 -1.74	69.31 2.44 -0.89	55.08 2.01 -0.22	48.52 1.80 -0.60	44.00 1.75 -0.62	39.90 1.41 -0.51
EAST___DELAWARE_HYD 23607	41.31 1.09 0.00	36.49 0.92 0.00	34.15 0.86 0.00	32.30 0.69 0.00	32.54 0.79 0.00	34.32 0.80 0.00	45.51 1.28 0.00	50.64 1.43 0.00	50.82 1.24 0.00	50.63 1.13 -0.57	50.60 0.98 -0.62	50.75 0.98 -0.55	54.08 1.20 -0.81	54.17 1.15 -0.79	58.48 1.29 -0.96	67.95 1.94 -1.21	73.09 2.09 -1.18	83.01 3.00 -0.95	72.97 2.09 -1.06	68.23 1.71 -0.54	54.52 1.53 -0.14	47.83 1.34 -0.36	43.34 1.33 -0.38	39.28 0.99 -0.31
EIGHT_POINT___WT_PWR 323820	43.59 1.73 -1.63	38.21 1.42 -1.22	35.82 1.53 -1.00	34.07 1.61 -0.85	34.10 1.49 -0.86	36.98 1.81 -1.66	48.43 2.08 -2.13	53.85 2.22 -2.42	54.01 1.99 -2.44	53.11 2.10 -2.08	52.80 1.76 -2.04	52.87 1.48 -2.18	56.33 1.77 -2.49	56.45 1.78 -2.44	60.11 1.57 -2.31	67.34 1.36 -1.17	74.25 1.81 -2.62	85.58 2.05 -4.47	77.28 3.07 -4.40	73.83 3.23 -4.63	57.88 2.12 -2.92	50.31 1.89 -2.29	44.66 1.29 -1.74	41.08 1.52 -1.57
ELBRIDGE_115KV_TB2 80188	43.66 -0.04 -3.48	38.12 -0.04 -2.59	35.45 -0.03 -2.20	33.44 0.00 -1.84	33.60 0.00 -1.85	37.70 0.03 -4.16	49.33 0.04 -5.06	54.98 0.15 -5.63	55.16 0.00 -5.58	53.74 0.05 -4.76	53.51 0.05 -4.47	54.29 0.00 -5.07	56.91 -0.16 -5.00	57.48 -0.10 -5.35	60.85 -0.22 -4.85	66.77 -0.32 -2.29	74.65 -0.28 -5.11	87.75 0.00 -8.70	78.50 -0.07 -8.75	75.59 0.13 -9.49	59.20 0.00 -6.34	51.13 0.09 -4.91	45.75 0.04 -4.08	41.72 0.08 -3.66
ELEC_TRO_TEK 24086	41.27 1.05 0.00	36.32 0.75 0.00	34.09 0.80 0.00	31.96 0.35 0.00	32.13 0.38 0.00	34.15 0.64 0.00	44.79 0.57 0.01	49.52 0.44 0.13	50.32 0.74 0.01	50.54 0.73 -0.88	49.47 0.88 0.40	49.30 1.03 0.95	52.09 1.30 1.28	52.22 1.25 1.27	56.98 1.46 0.71	65.27 2.01 1.54	70.96 2.02 0.88	79.94 3.00 2.12	70.41 1.75 1.15	65.92 1.19 1.24	52.45 0.79 1.19	46.66 0.60 0.07	42.63 0.62 -0.38	39.29 0.80 -0.51
ELLENBURG_WT_PWR 323604	41.94 0.93 -0.79	36.98 0.82 -0.59	34.64 0.70 -0.65	32.76 0.66 -0.49	32.85 0.63 -0.46	36.78 0.77 -2.50	46.88 0.18 -2.47	51.38 -0.29 -2.46	51.54 -0.10 -2.06	50.50 -0.19 -1.76	50.45 0.25 -1.21	51.07 -0.20 -2.05	52.10 -0.36 -0.39	53.41 -0.31 -1.49	56.82 -0.28 -0.87	64.03 -0.77 0.00	69.19 -0.63 0.00	77.79 -1.27 0.00	70.06 -0.28 -0.52	66.86 -0.39 -1.28	54.12 -0.53 -1.80	46.93 -0.42 -1.22	43.83 0.33 -1.87	40.33 0.72 -1.63

ELM_ST_23_KV_LD_REV_LBMP_A 345012	42.38 0.88 -1.26	37.37 0.85 -0.94	35.00 0.93 -0.78	33.28 1.01 -0.66	33.31 0.89 -0.67	35.84 1.04 -1.28	46.45 0.57 -1.65	51.58 0.49 -1.87	51.22 -0.25 -1.89	51.03 0.49 -1.61	51.26 0.69 -1.58	51.00 0.10 -1.69	54.72 0.73 -1.92	54.85 0.73 -1.89	58.41 0.39 -1.79	64.94 -0.78 -0.91	71.43 -0.42 -2.03	81.80 -0.71 -3.46	73.78 0.56 -3.40	70.61 1.06 -3.58	55.64 0.53 -2.26	48.64 0.74 -1.77	43.35 0.37 -1.35	40.26 1.06 -1.21
EMPIRE_CC_1 323656	40.07 -0.16 0.00	35.54 -0.04 0.00	33.06 -0.23 0.00	31.39 -0.22 0.00	31.56 -0.19 0.00	33.24 -0.27 0.00	43.96 -0.26 0.00	48.39 -0.20 0.63	49.29 -0.30 0.00	47.27 -0.34 1.32	47.17 -0.39 1.44	47.61 -0.34 1.27	49.78 -0.42 1.87	49.11 -0.36 2.76	53.67 -0.34 2.22	61.66 -0.19 2.95	66.30 -0.21 3.31	77.10 0.24 2.20	43.17 -0.56 26.09	43.17 -0.66 22.14	50.39 -0.42 2.03	44.97 -0.32 0.84	40.59 -0.17 0.87	37.04 -0.23 0.72
EMPIRE_CC_2 323658	40.07 -0.16 0.00	35.54 -0.04 0.00	33.06 -0.23 0.00	31.39 -0.22 0.00	31.56 -0.19 0.00	33.24 -0.27 0.00	43.96 -0.26 0.00	48.39 -0.20 0.63	49.29 -0.30 0.00	47.27 -0.34 1.32	47.17 -0.39 1.44	47.61 -0.34 1.27	49.78 -0.42 1.87	49.11 -0.36 2.76	53.67 -0.34 2.22	61.66 -0.19 2.95	66.30 -0.21 3.31	77.10 0.24 2.20	43.17 -0.56 26.09	43.17 -0.66 22.14	50.39 -0.42 2.03	44.97 -0.32 0.84	40.59 -0.17 0.87	37.04 -0.23 0.72
ENORWICH_115KV_TB1 80156	44.50 2.70 -1.58	39.20 2.45 -1.18	36.65 2.40 -0.97	34.74 2.31 -0.82	34.87 2.29 -0.83	37.80 2.68 -1.60	50.21 3.94 -2.05	56.22 4.67 -2.34	56.05 4.12 -2.35	54.75 3.82 -2.01	54.55 3.58 -1.97	54.71 3.40 -2.10	57.91 3.44 -2.40	57.93 3.34 -2.35	62.06 3.60 -2.23	70.41 4.47 -1.13	77.38 5.03 -2.53	89.85 6.48 -4.31	79.86 5.79 -4.24	76.64 6.20 -4.47	60.21 4.55 -2.81	52.07 3.74 -2.21	46.35 3.04 -1.68	42.20 2.70 -1.51
ERIE_ST__34_KV_TB1-2 80199	42.48 0.97 -1.29	37.46 0.92 -0.96	35.04 0.97 -0.79	33.32 1.04 -0.67	33.35 0.92 -0.68	35.96 1.14 -1.31	46.79 0.88 -1.68	52.15 1.03 -1.91	51.85 0.35 -1.92	51.55 0.98 -1.64	51.73 1.13 -1.61	51.57 0.64 -1.72	55.33 1.30 -1.96	55.41 1.25 -1.92	59.00 0.96 -1.82	65.66 -0.06 -0.92	72.30 0.42 -2.07	82.97 0.40 -3.52	74.89 1.61 -3.46	71.66 2.05 -3.64	56.36 1.22 -2.30	49.13 1.20 -1.80	43.71 0.71 -1.37	40.40 1.18 -1.24
ERIE_WT_PWR 323693	42.55 1.04 -1.28	37.31 0.78 -0.96	35.07 1.00 -0.79	33.41 1.14 -0.67	33.38 0.95 -0.68	36.02 1.20 -1.30	46.78 0.88 -1.67	51.41 0.30 -1.90	51.65 0.15 -1.92	51.40 0.83 -1.63	51.34 0.74 -1.61	51.57 0.64 -1.71	55.27 1.25 -1.95	55.35 1.20 -1.92	58.83 0.79 -1.82	65.66 -0.06 -0.92	72.02 0.14 -2.06	82.33 -0.24 -3.51	74.81 1.53 -3.46	71.26 1.65 -3.64	56.10 0.95 -2.29	49.08 1.15 -1.80	43.66 0.66 -1.37	40.47 1.25 -1.23
ESPRGFLD_115KV_TB1 80157	42.59 2.01 -0.36	37.62 1.78 -0.27	35.24 1.73 -0.22	33.44 1.64 -0.19	33.59 1.65 -0.19	35.72 1.84 -0.36	47.43 2.74 -0.46	52.89 3.15 -0.53	52.89 2.78 -0.53	51.52 2.50 -0.10	51.26 2.20 -0.06	51.51 2.17 -0.13	54.40 2.29 -0.04	54.52 2.25 -0.04	58.55 2.42 0.10	67.31 3.05 0.54	72.99 3.49 0.32	84.18 4.74 -0.38	74.10 3.98 -0.30	70.47 3.83 -0.67	56.57 3.17 -0.55	49.12 2.72 -0.27	44.06 2.29 -0.14	40.15 2.01 -0.15
ETNA_115_KV_TB1_REV_LBMP_C 345029	43.19 0.88 -2.08	37.90 0.78 -1.55	35.33 0.77 -1.27	33.48 0.79 -1.08	33.61 0.76 -1.10	36.53 0.90 -2.11	48.17 1.24 -2.70	53.91 1.62 -3.08	54.02 1.34 -3.10	52.84 1.27 -2.64	52.77 1.18 -2.60	52.97 0.98 -2.77	56.27 1.04 -3.16	56.38 1.04 -3.10	60.23 1.07 -2.93	67.59 1.30 -1.49	74.83 1.68 -3.33	86.87 2.13 -5.68	77.36 1.95 -5.59	73.96 2.11 -5.88	58.09 1.53 -3.70	50.33 1.29 -2.91	44.88 1.04 -2.21	41.00 1.03 -1.99
ETNA____115KV_TB2 80207	43.19 0.88 -2.08	37.90 0.78 -1.55	35.33 0.77 -1.27	33.48 0.79 -1.08	33.61 0.76 -1.10	36.53 0.90 -2.11	48.17 1.24 -2.70	53.91 1.62 -3.08	54.02 1.34 -3.10	52.84 1.27 -2.64	52.77 1.18 -2.60	52.97 0.98 -2.77	56.27 1.04 -3.16	56.38 1.04 -3.10	60.23 1.07 -2.93	67.59 1.30 -1.49	74.83 1.68 -3.33	86.87 2.13 -5.68	77.36 1.95 -5.59	73.96 2.11 -5.88	58.09 1.53 -3.70	50.33 1.29 -2.91	44.88 1.04 -2.21	41.00 1.03 -1.99
EUCLID__115KV_TB2 356179	42.25 -0.32 -2.35	37.03 -0.28 -1.75	34.55 -0.27 -1.53	32.65 -0.22 -1.26	32.79 -0.22 -1.26	36.56 -0.20 -3.25	47.75 -0.27 -3.79	53.39 0.05 -4.13	53.61 -0.05 -4.07	52.41 0.00 -3.47	52.17 0.05 -3.12	52.98 0.00 -3.76	55.19 -0.05 -3.18	55.93 -0.05 -3.75	59.30 -0.17 -3.24	65.94 -0.26 -1.39	72.44 -0.49 -3.12	83.97 -0.40 -5.31	74.82 -0.49 -5.49	71.86 -0.26 -6.15	56.92 -0.32 -4.38	49.24 -0.23 -3.34	44.40 -0.25 -3.02	40.49 -0.19 -2.69
E_CANADA_CAP_HY 24051	42.56 2.33 0.00	37.60 2.03 0.00	35.25 1.96 0.00	33.47 1.86 0.00	33.65 1.90 0.00	35.66 2.15 0.00	47.37 3.14 0.00	52.80 3.59 0.00	52.56 2.97 0.00	50.90 2.49 0.53	50.33 1.91 0.57	50.63 1.92 0.51	53.35 2.03 0.75	53.49 1.98 0.73	57.53 2.19 0.89	66.54 2.92 1.18	72.12 3.63 1.32	83.16 4.98 0.88	73.45 4.61 0.98	69.76 4.29 0.50	56.37 3.64 0.13	49.07 3.28 0.34	44.03 2.75 0.35	39.98 2.28 0.29
E_CANADA_MHWK_HY 24050	40.16 -0.40 -0.33	35.43 -0.39 -0.25	33.20 -0.37 -0.27	31.47 -0.35 -0.20	31.63 -0.32 -0.19	34.29 -0.27 -1.05	45.04 -0.22 -1.04	49.95 -0.29 -1.03	50.01 -0.45 -0.87	49.24 -0.44 -0.75	49.17 -0.34 -0.51	49.79 -0.29 -0.87	51.82 -0.42 -0.17	52.34 -0.52 -0.63	55.98 -0.62 -0.37	64.28 -0.52 0.00	68.84 -0.98 0.00	77.95 -1.11 0.00	68.57 -1.47 -0.22	65.00 -1.51 -0.54	52.13 -1.48 -0.75	45.25 -1.38 -0.51	41.04 -1.37 -0.78	37.26 -1.40 -0.68
E_FISHKILL__LBMP 23776	41.07 0.84 0.00	36.28 0.71 0.00	33.95 0.67 0.00	32.11 0.51 0.00	32.26 0.51 0.00	33.98 0.47 0.00	44.98 0.75 0.00	49.90 0.69 0.00	50.48 0.89 0.00	50.73 0.83 -0.97	50.93 0.88 -1.06	51.13 0.98 -0.93	54.65 1.20 -1.38	54.67 1.10 -1.34	59.10 1.24 -1.64	68.66 1.68 -2.17	74.00 1.75 -2.44	83.20 2.53 -1.62	73.02 1.40 -1.80	67.88 0.99 -0.92	53.88 0.79 -0.23	47.39 0.65 -0.62	43.02 0.75 -0.64	39.16 0.65 -0.53
FALCON__SEABRD_CC1 323796	42.64 1.37 -1.05	37.52 1.17 -0.78	35.18 1.03 -0.86	33.20 0.95 -0.64	33.28 0.92 -0.61	37.91 1.10 -3.30	47.23 -0.26 -3.27	51.27 -1.18 -3.25	51.35 -0.94 -2.71	50.22 -1.03 -2.32	50.44 -0.15 -1.59	50.84 -1.08 -2.70	51.28 -1.30 -0.51	52.94 -1.25 -1.96	56.08 -1.29 -1.14	62.73 -2.08 0.00	67.94 -1.88 0.00	76.37 -2.69 0.00	68.97 -1.54 -0.69	66.08 -1.58 -1.70	53.64 -1.58 -2.37	46.68 -1.06 -1.61	44.60 0.50 -2.47	41.42 1.29 -2.15
FALCON__SEABRD_CC2 323797	42.64 1.37 -1.05	37.52 1.17 -0.78	35.18 1.03 -0.86	33.20 0.95 -0.64	33.28 0.92 -0.61	37.91 1.10 -3.30	47.23 -0.26 -3.27	51.27 -1.18 -3.25	51.35 -0.94 -2.71	50.22 -1.03 -2.32	50.44 -0.15 -1.59	50.84 -1.08 -2.70	51.28 -1.30 -0.51	52.94 -1.25 -1.96	56.08 -1.29 -1.14	62.73 -2.08 0.00	67.94 -1.88 0.00	76.37 -2.69 0.00	68.97 -1.54 -0.69	66.08 -1.58 -1.70	53.64 -1.58 -2.37	46.68 -1.06 -1.61	44.60 0.50 -2.47	41.42 1.29 -2.15

FAR ROCKAWAY___4 23548	41.79 1.57 0.00	36.75 1.17 0.00	34.52 1.23 0.00	32.34 0.73 0.00	32.51 0.76 0.00	34.59 1.07 0.00	45.32 1.11 0.01	50.41 1.03 -0.17	52.86 1.34 -1.94	53.16 1.37 -2.86	51.01 1.62 -0.40	51.15 1.82 -0.12	54.43 2.13 -0.22	54.58 2.14 -0.21	59.31 2.47 -0.61	68.47 3.11 -0.56	74.08 3.28 -0.98	83.45 4.43 0.03	73.38 3.07 -0.49	68.38 2.44 0.03	54.22 1.74 0.38	47.86 1.43 -0.31	43.31 1.17 -0.51	39.79 1.29 -0.51
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	41.92 1.69 0.00	37.03 1.46 0.00	34.62 1.33 0.00	32.62 1.01 0.00	32.77 1.02 0.00	34.59 1.07 0.00	45.73 1.50 0.00	50.74 1.53 0.00	51.47 1.88 0.00	51.73 1.86 -0.94	52.03 2.01 -1.02	52.28 2.17 -0.90	55.90 2.50 -1.33	55.94 2.40 -1.30	60.51 2.70 -1.58	70.34 3.43 -2.10	75.67 3.49 -2.36	85.13 4.51 -1.57	74.63 3.07 -1.74	69.31 2.44 -0.89	54.87 1.80 -0.22	48.20 1.48 -0.60	43.75 1.50 -0.62	39.83 1.33 -0.51
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	41.92 1.69 0.00	37.03 1.46 0.00	34.62 1.33 0.00	32.65 1.04 0.00	32.80 1.05 0.00	34.59 1.07 0.00	45.77 1.55 0.00	50.74 1.53 0.00	51.47 1.88 0.00	51.73 1.86 -0.94	52.03 2.01 -1.02	52.28 2.17 -0.90	55.90 2.50 -1.33	55.94 2.40 -1.30	60.51 2.70 -1.58	70.34 3.43 -2.10	75.67 3.49 -2.36	85.13 4.51 -1.57	74.63 3.07 -1.74	69.31 2.44 -0.89	54.87 1.80 -0.22	48.25 1.52 -0.60	43.79 1.54 -0.62	39.83 1.33 -0.51
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	41.88 1.65 0.00	36.99 1.42 0.00	34.59 1.30 0.00	32.62 1.01 0.00	32.77 1.02 0.00	34.59 1.07 0.00	45.73 1.50 0.00	50.74 1.53 0.00	51.47 1.88 0.00	51.68 1.81 -0.94	51.98 1.96 -1.02	52.23 2.12 -0.90	55.85 2.45 -1.33	55.94 2.40 -1.30	60.51 2.70 -1.58	70.28 3.37 -2.10	75.67 3.49 -2.36	85.05 4.43 -1.57	74.56 3.00 -1.74	69.24 2.38 -0.89	54.82 1.74 -0.22	48.20 1.48 -0.60	43.75 1.50 -0.62	39.79 1.29 -0.51
FARRAGUT___LBMP 323566	41.88 1.65 0.00	36.96 1.39 0.00	34.59 1.30 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.55 1.04 0.00	45.68 1.46 0.00	50.69 1.48 0.00	51.42 1.83 0.00	51.63 1.76 -0.94	51.93 1.91 -1.02	52.19 2.07 -0.90	55.80 2.40 -1.33	55.83 2.30 -1.30	60.40 2.59 -1.58	70.21 3.31 -2.10	75.53 3.35 -2.36	84.97 4.35 -1.57	74.49 2.93 -1.74	69.17 2.31 -0.89	54.82 1.74 -0.22	48.16 1.43 -0.60	43.71 1.46 -0.62	39.75 1.25 -0.51
FENNER___WINDPWR 24204	43.36 0.96 -2.17	38.01 0.82 -1.62	35.60 0.83 -1.48	33.63 0.82 -1.20	33.73 0.79 -1.18	38.18 0.97 -3.69	49.83 1.50 -4.10	55.58 2.02 -4.35	55.65 1.93 -4.13	54.27 1.81 -3.53	53.69 1.71 -2.98	54.83 1.72 -3.90	56.34 1.67 -2.61	57.56 1.72 -3.60	60.93 1.80 -2.90	68.07 2.20 -1.06	74.21 2.03 -2.37	85.62 2.53 -4.03	76.48 2.23 -4.43	73.72 2.44 -5.30	58.86 1.80 -4.21	50.78 1.52 -3.14	46.09 1.25 -3.22	41.89 1.06 -2.85
FIBERTEK___ENERGY 23856	43.71 0.08 -3.40	38.18 0.07 -2.54	35.51 0.07 -2.16	33.51 0.09 -1.80	33.66 0.10 -1.82	37.81 0.13 -4.16	49.48 0.22 -5.04	55.23 0.44 -5.58	55.46 0.35 -5.53	54.09 0.44 -4.72	53.84 0.44 -4.40	54.65 0.39 -5.04	57.03 0.10 -4.86	57.56 0.05 -5.28	60.92 -0.06 -4.74	66.88 -0.13 -2.21	74.47 -0.28 -4.93	87.38 -0.08 -8.40	78.17 -0.14 -8.49	75.28 0.07 -9.24	59.09 0.00 -6.24	51.22 0.28 -4.82	45.85 0.17 -4.06	41.84 0.23 -3.63
FITZPATRICK___ 23598	22.73 -0.92 16.57	22.37 -0.85 12.35	22.35 -0.76 10.18	22.27 -0.73 8.61	22.27 -0.73 8.75	15.95 -0.74 16.83	21.68 -0.97 21.57	23.58 -1.08 24.55	23.71 -1.14 24.73	26.82 -1.03 21.08	27.18 -1.08 20.74	26.03 -1.08 22.10	25.71 -1.15 25.22	26.35 -1.15 24.74	31.45 -1.35 23.43	51.34 -1.56 11.91	41.53 -1.68 26.61	31.93 -1.82 45.31	23.62 -1.60 44.59	17.60 -1.45 46.92	22.12 -1.16 29.57	21.94 -0.97 23.22	23.02 -0.96 17.65	21.28 -0.80 15.91
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.51 1.29 0.00	36.67 1.10 0.00	34.32 1.03 0.00	32.46 0.85 0.00	32.67 0.92 0.00	34.42 0.90 0.00	45.60 1.37 0.00	50.59 1.38 0.00	51.07 1.49 0.00	51.02 1.37 -0.72	51.10 1.32 -0.78	51.33 1.43 -0.69	54.81 1.72 -1.02	54.85 1.62 -0.99	59.18 1.74 -1.21	68.75 2.33 -1.61	74.13 2.51 -1.80	83.81 3.56 -1.20	73.59 2.44 -1.33	68.57 1.91 -0.68	54.61 1.59 -0.17	47.92 1.34 -0.46	43.43 1.33 -0.47	39.52 1.14 -0.39
FORT ORANGE___ 23900	39.46 -0.77 0.00	34.97 -0.60 0.00	32.62 -0.67 0.00	30.98 -0.63 0.00	31.21 -0.54 0.00	32.91 -0.60 0.00	43.34 -0.88 0.00	47.96 -0.79 0.46	48.59 -0.99 0.00	47.10 -1.12 0.71	47.00 -1.22 0.78	47.35 -1.18 0.68	49.81 -1.25 1.01	49.30 -1.25 1.68	53.63 -1.40 1.20	61.71 -1.36 1.73	66.13 -1.40 2.30	76.84 -1.03 1.19	49.74 -1.33 18.75	48.45 -1.45 16.08	50.41 -1.01 1.44	44.89 -0.78 0.45	40.87 -0.29 0.47	37.26 -0.34 0.39
FORT_DRUM_COGEN 23780	47.57 1.77 -5.57	41.31 1.60 -4.14	39.09 1.60 -4.20	36.38 1.52 -3.26	36.36 1.46 -3.15	49.08 1.88 -13.69	61.11 2.79 -14.10	66.96 3.40 -14.35	64.99 2.93 -12.48	62.14 2.54 -10.67	59.41 2.40 -8.02	63.65 2.26 -12.17	58.85 2.19 -4.59	64.16 2.14 -9.79	65.27 2.36 -6.68	69.15 3.05 -1.30	75.44 2.72 -2.90	87.47 3.48 -4.93	80.64 3.49 -7.33	81.34 4.16 -11.21	67.73 3.12 -11.76	57.30 2.86 -8.32	54.76 2.33 -10.80	49.45 2.01 -9.45
FOX_HILLS___ESR 323835	24.98 1.93 17.18	22.22 1.64 14.98	15.99 1.50 18.80	31.56 0.66 0.71	31.53 0.63 0.86	31.96 0.60 2.15	35.34 0.84 9.72	37.91 0.64 11.94	38.06 1.04 12.57	35.28 1.08 14.72	35.72 1.37 14.65	28.09 1.62 22.75	26.24 1.67 27.49	27.03 1.67 26.88	28.56 2.02 29.69	38.06 2.72 29.47	38.98 2.23 33.07	42.38 2.93 39.60	39.71 1.82 31.93	39.67 1.32 27.62	39.27 0.85 14.43	38.83 0.92 8.22	32.97 1.12 9.78	30.61 0.91 8.28
FPL_FAR_ROCK_GT1 24212	41.79 1.57 0.00	36.78 1.21 0.00	34.58 1.30 0.00	32.34 0.73 0.00	32.51 0.76 0.00	34.59 1.07 0.00	45.32 1.11 0.01	50.56 1.18 -0.17	52.86 1.34 -1.94	53.11 1.32 -2.86	51.01 1.61 -0.40	51.15 1.82 -0.12	54.48 2.19 -0.22	54.63 2.19 -0.21	59.37 2.53 -0.61	68.60 3.24 -0.56	74.02 3.21 -0.98	83.21 4.19 0.03	73.24 2.93 -0.49	68.38 2.44 0.03	54.27 1.80 0.38	47.91 1.48 -0.31	43.43 1.29 -0.51	39.79 1.29 -0.51
FPL_FAR_ROCK_GT2 23815	41.79 1.57 0.00	36.78 1.21 0.00	34.58 1.30 0.00	32.34 0.73 0.00	32.51 0.76 0.00	34.59 1.07 0.00	45.32 1.11 0.01	50.56 1.18 -0.17	52.86 1.34 -1.94	53.11 1.32 -2.86	51.01 1.61 -0.40	51.15 1.82 -0.12	54.48 2.19 -0.22	54.63 2.19 -0.21	59.37 2.53 -0.61	68.60 3.24 -0.56	74.02 3.21 -0.98	83.21 4.19 0.03	73.24 2.93 -0.49	68.38 2.44 0.03	54.27 1.80 0.38	47.91 1.48 -0.31	43.43 1.29 -0.51	39.79 1.29 -0.51
FRANKLIN_FALL_HYD 24054	46.76 1.57 -4.96	40.64 1.39 -3.68	38.63 1.26 -4.08	35.84 1.17 -3.06	35.82 1.17 -2.89	50.52 1.37 -15.63	61.00 1.28 -15.50	65.69 1.08 -15.40	63.66 1.24 -12.84	60.99 1.08 -10.98	57.58 1.03 -7.55	63.11 1.08 -12.81	55.43 0.94 -2.43	62.58 1.04 -9.30	62.83 1.18 -5.42	65.91 1.10 0.00	70.93 1.12 0.00	79.61 0.55 0.00	74.69 1.61 -3.27	75.60 1.58 -8.04	65.38 1.27 -11.26	55.19 1.43 -7.63	54.88 1.54 -11.71	49.50 1.33 -10.18



FREEPORT_EQUS_GT1 23764	41.39 1.17 0.00	36.42 0.85 0.00	34.22 0.93 0.00	31.99 0.38 0.00	32.19 0.44 0.00	34.25 0.74 0.00	44.88 0.66 0.01	49.47 0.64 0.38	49.65 0.74 0.68	49.74 0.68 -0.12	47.57 0.88 2.30	46.88 1.08 3.42	48.65 1.35 4.78	48.87 1.36 4.72	54.08 1.63 3.79	60.65 2.27 6.42	66.83 2.23 5.22	75.02 3.00 7.04	66.69 1.89 5.01	63.35 1.45 4.07	50.83 1.06 3.08	45.96 0.78 0.95	42.49 0.79 -0.07	39.41 0.91 -0.51
FREEPORT___CT2 23818	41.39 1.17 0.00	36.42 0.85 0.00	34.22 0.93 0.00	31.99 0.38 0.00	32.19 0.44 0.00	34.25 0.74 0.00	44.88 0.66 0.01	49.47 0.64 0.38	49.65 0.74 0.68	49.74 0.68 -0.12	47.57 0.88 2.30	46.88 1.08 3.42	48.65 1.35 4.78	48.87 1.36 4.72	54.08 1.63 3.79	60.65 2.27 6.42	66.83 2.23 5.22	75.02 3.00 7.04	66.69 1.89 5.01	63.35 1.45 4.07	50.83 1.06 3.08	45.96 0.78 0.95	42.49 0.79 -0.07	39.41 0.91 -0.51
FRESHKLS_33_KV_LOAD 356253	25.18 2.13 17.18	22.40 1.81 14.98	16.16 1.66 18.80	31.53 0.63 0.71	31.53 0.63 0.86	31.96 0.60 2.15	35.30 0.80 9.72	37.86 0.59 11.94	38.01 0.99 12.57	35.28 1.08 14.72	35.72 1.37 14.65	28.04 1.57 22.75	26.24 1.67 27.49	26.97 1.62 26.88	28.50 1.97 29.69	38.06 2.72 29.47	38.91 2.16 33.08	42.38 2.93 39.60	39.71 1.82 31.93	39.67 1.32 27.62	39.27 0.85 14.43	38.79 0.88 8.22	32.97 1.12 9.78	30.58 0.87 8.28
FULTON COGEN____ 23766	42.23 -0.20 -2.20	37.03 -0.18 -1.64	34.56 -0.17 -1.44	32.67 -0.13 -1.18	32.81 -0.13 -1.19	36.56 -0.07 -3.11	47.79 -0.04 -3.61	53.38 0.25 -3.93	53.53 0.10 -3.84	52.36 0.15 -3.28	52.07 0.15 -2.93	52.87 0.10 -3.56	55.07 0.05 -2.95	55.86 0.10 -3.52	59.26 0.00 -3.03	66.03 -0.06 -1.29	72.49 -0.21 -2.88	83.96 0.00 -4.91	74.85 -0.07 -5.10	71.78 0.07 -5.74	56.98 0.00 -4.13	49.27 0.00 -3.14	44.42 -0.08 -2.88	40.51 -0.04 -2.56
FULTON___LFGE 323630	42.32 2.09 0.00	37.38 1.81 0.00	35.08 1.80 0.00	33.31 1.71 0.00	33.49 1.75 0.00	35.46 1.94 0.00	47.10 2.87 0.00	52.56 3.35 0.00	52.26 2.68 0.00	50.48 2.15 0.60	49.86 1.52 0.65	50.11 1.48 0.58	52.67 1.46 0.85	52.81 1.41 0.83	56.79 1.57 1.01	65.73 2.27 1.34	71.31 3.00 1.51	82.72 4.66 1.00	73.04 4.33 1.11	69.36 3.96 0.57	56.14 3.43 0.14	48.74 3.00 0.38	43.77 2.54 0.40	39.75 2.09 0.33
G.F.CEMENT___DRP 24184	41.15 0.93 0.00	36.39 0.82 0.00	34.15 0.87 0.00	32.46 0.85 0.00	32.64 0.89 0.00	34.35 0.84 0.00	45.55 1.33 0.00	51.31 1.67 -0.42	50.92 1.34 0.00	49.12 1.13 0.94	48.85 0.88 1.02	49.25 0.94 0.90	51.57 0.83 1.33	52.40 0.84 0.67	55.54 0.90 1.58	64.00 1.30 2.11	69.06 1.61 2.36	80.26 2.77 1.57	86.23 2.16 -14.24	80.79 1.58 -13.23	55.48 1.69 -0.94	47.05 1.52 0.60	42.30 1.29 0.62	38.46 0.99 0.51
GARDENVILLE___LBMP 24039	42.51 0.97 -1.32	37.48 0.92 -0.98	35.10 1.00 -0.81	33.37 1.07 -0.69	33.40 0.95 -0.70	35.96 1.11 -1.34	46.65 0.71 -1.72	51.85 0.69 -1.96	51.55 0.00 -1.97	51.25 0.64 -1.68	51.43 0.78 -1.65	51.17 0.20 -1.76	54.91 0.83 -2.01	55.04 0.84 -1.97	58.60 0.51 -1.87	65.17 -0.58 -0.95	71.73 -0.21 -2.12	82.27 -0.40 -3.61	74.21 0.84 -3.55	71.10 1.39 -3.74	55.90 0.69 -2.36	48.81 0.83 -1.85	43.49 0.46 -1.41	40.36 1.10 -1.27
GARDNVLA_35_KV_LD 355827	42.67 1.17 -1.28	37.63 1.10 -0.95	35.24 1.17 -0.78	33.51 1.23 -0.66	33.50 1.08 -0.67	36.09 1.27 -1.30	46.91 1.02 -1.66	52.09 0.98 -1.89	51.84 0.35 -1.91	51.58 1.03 -1.63	51.82 1.22 -1.60	51.56 0.64 -1.70	55.32 1.30 -1.95	55.45 1.31 -1.91	59.05 1.01 -1.81	65.72 0.00 -0.92	72.29 0.42 -2.05	82.79 0.24 -3.49	74.72 1.47 -3.44	71.51 1.91 -3.62	56.30 1.16 -2.28	49.16 1.25 -1.79	43.78 0.79 -1.36	40.58 1.37 -1.23
GELCKHM___115KV_LOAD 80723	42.79 -0.16 -2.72	37.45 -0.14 -2.03	34.90 -0.13 -1.75	32.96 -0.09 -1.45	33.11 -0.10 -1.46	37.01 -0.07 -3.56	48.41 -0.04 -4.22	54.04 0.20 -4.64	54.25 0.10 -4.57	52.98 0.15 -3.90	52.76 0.20 -3.57	53.56 0.15 -4.20	55.79 -0.05 -3.77	56.51 0.00 -4.28	59.83 -0.17 -3.77	66.23 -0.26 -1.69	73.16 -0.42 -3.76	85.15 -0.32 -6.41	76.03 -0.35 -6.56	73.02 -0.20 -7.25	57.73 -0.16 -5.04	49.99 0.00 -3.86	44.93 -0.08 -3.38	41.01 0.00 -3.02
GENERAL___MILLS 23808	42.56 1.05 -1.28	37.52 1.00 -0.96	35.14 1.07 -0.79	33.41 1.14 -0.67	33.44 1.02 -0.68	35.99 1.17 -1.30	46.74 0.84 -1.67	51.95 0.84 -1.90	51.60 0.10 -1.92	51.35 0.78 -1.63	51.58 0.98 -1.61	51.37 0.44 -1.71	55.07 1.04 -1.95	55.20 1.04 -1.92	58.78 0.73 -1.82	65.40 -0.32 -0.92	71.95 0.07 -2.06	82.41 -0.16 -3.51	74.39 1.12 -3.46	71.26 1.65 -3.64	56.04 0.90 -2.29	48.94 1.01 -1.80	43.62 0.62 -1.37	40.43 1.22 -1.23
GE_PLASTICS___DRP 24183	39.54 -0.68 0.00	35.00 -0.57 0.00	32.69 -0.60 0.00	31.04 -0.57 0.00	31.21 -0.54 0.00	32.91 -0.60 0.00	43.43 -0.80 0.00	48.00 -0.89 0.32	48.69 -0.89 0.00	47.41 -0.98 0.54	47.42 -0.98 0.59	47.76 -0.94 0.52	50.31 -0.99 0.77	50.01 -0.99 1.24	54.25 -1.07 0.92	60.72 -1.10 2.98	60.79 -1.19 7.84	77.20 -0.95 0.90	55.26 -1.33 13.23	53.20 -1.45 11.32	50.83 -1.00 1.02	44.90 -0.88 0.35	40.73 -0.54 0.36	37.12 -0.57 0.29
GILBOA___1 23756	40.51 0.28 0.00	35.82 0.25 0.00	33.52 0.23 0.00	31.89 0.28 0.00	32.07 0.32 0.00	33.68 0.17 0.00	44.49 0.27 0.00	49.56 0.35 0.00	49.88 0.30 0.00	49.18 0.25 0.00	49.24 0.25 0.00	49.51 0.30 0.00	52.44 0.37 0.00	52.60 0.37 0.00	56.57 0.34 0.00	65.39 0.58 0.00	70.37 0.56 0.00	80.08 1.03 0.00	69.61 -0.21 0.00	65.71 -0.26 0.00	53.01 0.16 0.00	46.41 0.28 0.00	41.96 0.33 0.00	38.25 0.27 0.00
GILBOA___2 23757	40.51 0.28 0.00	35.82 0.25 0.00	33.52 0.23 0.00	31.89 0.28 0.00	32.07 0.32 0.00	33.68 0.17 0.00	44.49 0.27 0.00	49.56 0.35 0.00	49.88 0.30 0.00	49.18 0.25 0.00	49.24 0.25 0.00	49.51 0.30 0.00	52.44 0.37 0.00	52.60 0.37 0.00	56.57 0.34 0.00	65.39 0.58 0.00	70.37 0.56 0.00	80.08 1.03 0.00	69.61 -0.21 0.00	65.71 -0.26 0.00	53.01 0.16 0.00	46.41 0.28 0.00	41.96 0.33 0.00	38.25 0.27 0.00
GILBOA___3 23758	40.51 0.28 0.00	35.82 0.25 0.00	33.52 0.23 0.00	31.89 0.28 0.00	32.07 0.32 0.00	33.68 0.17 0.00	44.49 0.27 0.00	49.56 0.35 0.00	49.88 0.30 0.00	49.18 0.25 0.00	49.24 0.25 0.00	49.51 0.30 0.00	52.44 0.37 0.00	52.60 0.37 0.00	56.57 0.34 0.00	65.39 0.58 0.00	70.37 0.56 0.00	80.08 1.03 0.00	69.61 -0.21 0.00	65.71 -0.26 0.00	53.01 0.16 0.00	46.41 0.28 0.00	41.96 0.33 0.00	38.25 0.27 0.00
GILBOA___4 23759	40.51 0.28 0.00	35.82 0.25 0.00	33.52 0.23 0.00	31.89 0.28 0.00	32.07 0.32 0.00	33.68 0.17 0.00	44.49 0.27 0.00	49.56 0.35 0.00	49.88 0.30 0.00	49.18 0.25 0.00	49.24 0.25 0.00	49.51 0.30 0.00	52.44 0.37 0.00	52.60 0.37 0.00	56.57 0.34 0.00	65.39 0.58 0.00	70.37 0.56 0.00	80.08 1.03 0.00	69.61 -0.21 0.00	65.71 -0.26 0.00	53.01 0.16 0.00	46.41 0.28 0.00	41.96 0.33 0.00	38.25 0.27 0.00

GILBOA____ 23599	40.51 0.28 0.00	35.82 0.25 0.00	33.49 0.20 0.00	31.89 0.28 0.00	32.04 0.29 0.00	33.68 0.17 0.00	44.49 0.27 0.00	49.50 0.30 0.00	49.88 0.30 0.00	49.18 0.24 0.00	49.24 0.24 0.00	49.51 0.30 0.00	52.43 0.36 0.00	52.60 0.37 0.00	56.57 0.34 0.00	65.39 0.58 0.00	70.45 0.63 0.00	80.16 1.11 0.00	69.68 -0.14 0.00	65.71 -0.26 0.00	53.01 0.16 0.00	46.36 0.23 0.00	41.92 0.29 0.00	38.25 0.27 0.00
GINNA____ 23603	39.93 -1.49 -1.19	35.04 -1.42 -0.89	32.79 -1.23 -0.73	31.09 -1.14 -0.62	31.21 -1.17 -0.63	33.62 -1.11 -1.21	44.19 -1.59 -1.55	49.06 -1.92 -1.77	49.38 -1.98 -1.78	48.98 -1.47 -1.52	49.02 -1.47 -1.49	49.33 -1.48 -1.59	52.27 -1.61 -1.82	52.61 -1.41 -1.78	56.06 -1.85 -1.69	63.27 -2.40 -0.86	69.08 -2.65 -1.92	79.40 -2.92 -3.27	70.87 -2.16 -3.21	67.38 -1.98 -3.38	53.29 -1.69 -2.13	46.37 -1.43 -1.67	41.44 -1.46 -1.27	37.95 -1.18 -1.15
GLEN PARK____ 23778	47.66 1.97 -5.46	41.34 1.71 -4.06	39.12 1.73 -4.10	36.47 1.67 -3.18	36.45 1.62 -3.08	48.74 2.04 -13.18	60.89 3.05 -13.62	66.69 3.59 -13.89	64.88 3.18 -12.12	62.08 2.79 -10.36	59.42 2.59 -7.83	63.52 2.51 -11.80	59.10 2.40 -4.63	64.14 2.35 -9.56	65.35 2.53 -6.59	69.40 3.24 -1.36	75.92 3.07 -3.03	88.17 3.95 -5.16	81.23 3.98 -7.43	81.73 4.62 -11.14	67.82 3.49 -11.48	57.41 3.14 -8.14	54.61 2.54 -10.44	49.33 2.20 -9.14
GLENDALE_27_KV_LOAD 356172	42.12 1.89 0.00	37.21 1.64 0.00	34.79 1.50 0.00	32.75 1.14 0.00	32.86 1.11 0.00	34.65 1.14 0.00	45.73 1.50 0.00	50.69 1.48 0.00	51.42 1.83 0.00	51.73 1.86 -0.94	52.08 2.06 -1.02	52.38 2.26 -0.90	55.96 2.55 -1.33	56.04 2.51 -1.30	60.63 2.81 -1.58	70.54 3.63 -2.10	75.74 3.56 -2.36	85.13 4.51 -1.57	74.63 3.07 -1.74	69.31 2.44 -0.89	54.82 1.74 -0.22	48.25 1.52 -0.60	43.91 1.67 -0.62	39.94 1.44 -0.51
GLENWOOD_IC_1_G5 23712	41.59 1.37 0.00	36.64 1.07 0.00	34.35 1.07 0.00	32.27 0.66 0.00	32.45 0.70 0.00	34.42 0.90 0.00	45.28 1.06 0.00	49.60 0.64 0.25	49.96 0.94 0.57	50.15 0.93 -0.29	49.14 1.13 0.98	48.79 1.28 1.71	51.28 1.56 2.35	51.42 1.51 2.33	56.32 1.74 1.66	64.10 2.33 3.04	69.98 2.37 2.21	78.75 3.32 3.63	69.51 2.02 2.33	65.39 1.52 2.10	52.09 1.00 1.77	46.57 0.78 0.34	43.00 1.08 -0.29	39.60 1.10 -0.51
GLENWOOD_IC_2_G1 23688	41.51 1.29 0.00	36.68 1.10 0.00	34.35 1.06 0.00	32.30 0.69 0.00	32.45 0.70 0.00	34.35 0.84 0.00	45.28 1.06 0.00	50.39 1.18 0.00	50.87 1.29 0.00	51.09 1.22 -0.94	51.37 1.37 -1.01	51.64 1.48 -0.95	55.30 1.82 -1.41	55.32 1.72 -1.37	59.84 1.97 -1.65	69.60 2.59 -2.20	74.85 2.58 -2.45	83.97 3.40 -1.52	73.76 2.23 -1.71	68.55 1.71 -0.87	54.44 1.32 -0.26	47.82 1.11 -0.59	43.41 1.16 -0.62	39.52 1.03 -0.51
GLENWOOD_IC_3_G1 23689	41.51 1.29 0.00	36.68 1.10 0.00	34.35 1.06 0.00	32.30 0.69 0.00	32.45 0.70 0.00	34.35 0.84 0.00	45.28 1.06 0.00	50.39 1.18 0.00	50.87 1.29 0.00	51.09 1.22 -0.94	51.37 1.37 -1.01	51.64 1.48 -0.95	55.30 1.82 -1.41	55.32 1.72 -1.37	59.84 1.97 -1.65	69.60 2.59 -2.20	74.85 2.58 -2.45	83.97 3.40 -1.52	73.76 2.23 -1.71	68.55 1.71 -0.87	54.44 1.32 -0.26	47.82 1.11 -0.59	43.41 1.16 -0.62	39.52 1.03 -0.51
GLENWOOD____4 23550	41.59 1.37 0.00	36.64 1.07 0.00	34.35 1.07 0.00	32.27 0.66 0.00	32.45 0.70 0.00	34.42 0.90 0.00	45.28 1.06 0.00	49.75 0.79 0.25	50.11 1.09 0.57	50.29 1.08 -0.29	49.29 1.27 0.98	48.94 1.43 1.71	51.44 1.72 2.35	51.58 1.67 2.33	56.49 1.91 1.66	64.29 2.53 3.04	70.19 2.58 2.21	78.99 3.56 3.63	69.72 2.23 2.33	65.59 1.72 2.10	52.24 1.16 1.77	46.71 0.92 0.34	43.00 1.08 -0.29	39.60 1.10 -0.51
GLENWOOD____5 23614	41.59 1.37 0.00	36.64 1.07 0.00	34.35 1.07 0.00	32.27 0.66 0.00	32.45 0.70 0.00	34.42 0.90 0.00	45.28 1.06 0.00	49.75 0.79 0.25	50.11 1.09 0.57	50.29 1.08 -0.29	49.29 1.27 0.98	48.94 1.43 1.71	51.44 1.72 2.35	51.58 1.67 2.33	56.49 1.91 1.66	64.29 2.53 3.04	70.19 2.58 2.21	78.99 3.56 3.63	69.72 2.23 2.33	65.59 1.72 2.10	52.24 1.16 1.77	46.71 0.92 0.34	43.00 1.08 -0.29	39.60 1.10 -0.51
GLOBAL GREEN_PORT_GT1 23814	41.15 0.93 0.00	36.07 0.50 0.00	34.09 0.80 0.00	31.70 0.10 0.00	32.03 0.29 0.00	34.32 0.80 0.00	44.92 0.71 0.01	48.94 0.54 0.81	47.93 0.69 2.35	48.14 0.88 1.67	45.24 1.23 4.98	43.87 1.57 6.92	44.34 1.98 9.71	44.80 2.14 9.58	50.58 2.47 8.12	54.66 3.17 13.32	61.62 3.14 11.35	68.64 3.56 13.98	61.32 1.95 10.45	59.09 1.19 8.07	47.84 0.74 5.75	44.57 0.65 2.20	41.67 0.42 0.37	39.41 0.91 -0.51
GLOBE____DSASP 323697	41.83 0.36 -1.25	36.93 0.43 -0.93	34.65 0.60 -0.76	32.95 0.70 -0.65	32.95 0.54 -0.66	35.38 0.60 -1.26	45.01 -0.84 -1.62	49.82 -1.23 -1.85	49.46 -1.98 -1.86	49.29 -1.22 -1.58	49.62 -0.93 -1.56	49.30 -1.57 -1.66	52.98 -0.99 -1.90	53.10 -0.99 -1.86	56.53 -1.46 -1.76	62.72 -2.98 -0.90	68.95 -2.86 -2.00	78.59 -3.87 -3.41	70.94 -2.23 -3.35	67.98 -1.52 -3.53	53.75 -1.32 -2.22	47.13 -0.74 -1.75	42.08 -0.87 -1.33	39.79 0.61 -1.20
GOETHSLN____LBMP 323567	24.45 1.41 17.18	21.79 1.21 14.99	15.58 1.10 18.80	31.71 0.82 0.72	31.68 0.79 0.86	32.19 0.84 2.16	35.69 1.19 9.73	38.44 1.18 11.95	38.55 1.54 12.57	35.67 1.47 14.73	35.95 1.62 14.66	28.23 1.77 22.76	26.60 2.03 27.50	27.33 1.98 26.89	28.78 2.25 29.70	38.24 2.92 29.48	39.67 2.93 33.08	43.31 3.87 39.62	40.40 2.51 31.93	40.26 1.91 27.63	39.79 1.37 14.43	39.05 1.15 8.23	33.05 1.21 9.79	30.72 1.03 8.29
GOLAH____69_KV_TB 1_2 80279	42.22 0.76 -1.23	37.20 0.71 -0.92	34.78 0.73 -0.76	32.98 0.73 -0.64	33.07 0.67 -0.65	35.60 0.84 -1.25	46.54 0.71 -1.61	51.78 0.74 -1.83	51.67 0.25 -1.84	51.33 0.83 -1.57	51.52 0.98 -1.54	51.45 0.59 -1.65	54.78 0.83 -1.88	55.07 0.99 -1.84	58.65 0.67 -1.74	65.95 0.26 -0.89	72.15 0.35 -1.98	82.90 0.47 -3.37	74.12 0.98 -3.32	70.85 1.39 -3.49	55.95 0.90 -2.20	48.73 0.88 -1.73	43.61 0.67 -1.31	40.20 1.03 -1.18
GOODYEAR_LAKE_HYD 323669	42.16 1.29 -0.65	37.19 1.14 -0.48	34.78 1.10 -0.40	33.02 1.07 -0.34	33.17 1.08 -0.34	35.34 1.17 -0.66	46.84 1.77 -0.84	52.19 2.02 -0.96	52.43 1.88 -0.97	51.57 1.81 -0.82	51.52 1.71 -0.81	51.75 1.67 -0.86	54.88 1.82 -0.99	54.92 1.72 -0.97	58.95 1.80 -0.92	67.54 2.27 -0.47	73.37 2.51 -1.04	84.23 3.40 -1.77	74.08 2.51 -1.74	70.32 2.51 -1.84	56.02 2.01 -1.16	48.74 1.71 -0.91	43.78 1.46 -0.69	39.90 1.29 -0.62
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	42.44 0.64 -1.57	37.31 0.57 -1.17	34.82 0.57 -0.97	33.00 0.57 -0.82	33.15 0.57 -0.83	35.75 0.64 -1.60	47.07 0.80 -2.05	52.53 0.98 -2.33	52.68 0.74 -2.35	51.76 0.83 -2.00	51.80 0.83 -1.97	51.95 0.64 -2.10	55.25 0.78 -2.39	55.37 0.78 -2.35	59.13 0.67 -2.22	66.52 0.58 -1.13	73.18 0.84 -2.53	84.62 1.26 -4.30	75.24 1.19 -4.23	71.75 1.32 -4.46	56.61 0.95 -2.81	49.16 0.83 -2.20	43.93 0.62 -1.68	40.22 0.72 -1.51

GOUDEY___7 23579	42.44 0.64 -1.57	37.31 0.57 -1.17	34.82 0.57 -0.97	33.00 0.57 -0.82	33.15 0.57 -0.83	35.75 0.64 -1.60	47.07 0.80 -2.05	52.53 0.98 -2.33	52.68 0.74 -2.35	51.76 0.83 -2.00	51.80 0.83 -1.97	51.95 0.64 -2.10	55.25 0.78 -2.39	55.37 0.78 -2.35	59.13 0.67 -2.22	66.52 0.58 -1.13	73.18 0.84 -2.53	84.62 1.26 -4.30	75.24 1.19 -4.23	71.75 1.32 -4.46	56.61 0.95 -2.81	49.16 0.83 -2.20	43.93 0.62 -1.68	40.22 0.72 -1.51
GOUDEY___8 23580	42.44 0.64 -1.57	37.31 0.57 -1.17	34.82 0.57 -0.97	33.00 0.57 -0.82	33.15 0.57 -0.83	35.75 0.64 -1.60	47.07 0.80 -2.05	52.53 0.98 -2.33	52.68 0.74 -2.35	51.76 0.83 -2.00	51.80 0.83 -1.97	51.95 0.64 -2.10	55.25 0.78 -2.39	55.37 0.78 -2.35	59.13 0.67 -2.22	66.52 0.58 -1.13	73.18 0.84 -2.53	84.62 1.26 -4.30	75.24 1.19 -4.23	71.75 1.32 -4.46	56.61 0.95 -2.81	49.16 0.83 -2.20	43.93 0.62 -1.68	40.22 0.72 -1.51
GOWANUS_GT1_1 24077	42.16 1.93 0.00	37.24 1.67 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.83 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.10 0.89 0.00	50.87 1.29 0.00	51.24 1.37 -0.94	51.68 1.67 -1.02	51.99 1.87 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	69.96 3.05 -2.10	74.78 2.58 -2.38	84.02 3.40 -1.57	73.73 2.16 -1.74	68.58 1.72 -0.89	54.24 1.16 -0.22	47.88 1.15 -0.60	43.62 1.37 -0.62	39.60 1.10 -0.51
GOWANUS_GT1_2 24078	42.16 1.93 0.00	37.24 1.67 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.83 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.10 0.89 0.00	50.87 1.29 0.00	51.24 1.37 -0.94	51.68 1.67 -1.02	51.99 1.87 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	69.96 3.05 -2.10	74.78 2.58 -2.38	84.02 3.40 -1.57	73.73 2.16 -1.74	68.58 1.72 -0.89	54.24 1.16 -0.22	47.88 1.15 -0.60	43.62 1.37 -0.62	39.60 1.10 -0.51
GOWANUS_GT1_3 24079	42.16 1.93 0.00	37.24 1.67 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.83 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.10 0.89 0.00	50.87 1.29 0.00	51.24 1.37 -0.94	51.68 1.67 -1.02	51.99 1.87 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	69.96 3.05 -2.10	74.78 2.58 -2.38	84.02 3.40 -1.57	73.73 2.16 -1.74	68.58 1.72 -0.89	54.24 1.16 -0.22	47.88 1.15 -0.60	43.62 1.37 -0.62	39.60 1.10 -0.51
GOWANUS_GT1_4 24080	42.16 1.93 0.00	37.24 1.67 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.83 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.10 0.89 0.00	50.87 1.29 0.00	51.24 1.37 -0.94	51.68 1.67 -1.02	51.99 1.87 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	69.96 3.05 -2.10	74.78 2.58 -2.38	84.02 3.40 -1.57	73.73 2.16 -1.74	68.58 1.72 -0.89	54.24 1.16 -0.22	47.88 1.15 -0.60	43.62 1.37 -0.62	39.60 1.10 -0.51
GOWANUS_GT1_5 24084	42.16 1.93 0.00	37.24 1.67 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.83 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.10 0.89 0.00	50.87 1.29 0.00	51.24 1.37 -0.94	51.68 1.67 -1.02	51.99 1.87 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	69.96 3.05 -2.10	74.78 2.58 -2.38	84.02 3.40 -1.57	73.73 2.16 -1.74	68.58 1.72 -0.89	54.24 1.16 -0.22	47.88 1.15 -0.60	43.62 1.37 -0.62	39.60 1.10 -0.51
GOWANUS_GT1_6 24111	42.16 1.93 0.00	37.24 1.67 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 																			

GOWANUS_GT2_6 24119	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.35 2.17 -2.37	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
GOWANUS_GT2_7 24120	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.35 2.17 -2.37	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
GOWANUS_GT2_8 24121	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.35 2.17 -2.37	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
GOWANUS_GT3_1 24122	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.36 2.17 -2.38	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
GOWANUS_GT3_2 24123	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.36 2.17 -2.38	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
GOWANUS_GT3_3 24124	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.36 2.17 -2.38	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
GOWANUS_GT3_4 24125	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.36 2.17 -2.38	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
GOWANUS_GT3_5 24126	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00																			

GOWANUS_GT4_5 24134	42.16 1.93 0.00	37.24 1.67 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.83 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.10 0.89 0.00	50.87 1.29 0.00	51.24 1.37 -0.94	51.68 1.67 -1.02	51.99 1.87 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	69.96 3.05 -2.10	74.77 2.58 -2.37	84.02 3.40 -1.57	73.73 2.16 -1.74	68.58 1.72 -0.89	54.24 1.16 -0.22	47.88 1.15 -0.60	43.62 1.37 -0.62	39.60 1.10 -0.51
GOWANUS_GT4_6 24135	42.16 1.93 0.00	37.24 1.67 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.83 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.10 0.89 0.00	50.87 1.29 0.00	51.24 1.37 -0.94	51.68 1.67 -1.02	51.99 1.87 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	69.96 3.05 -2.10	74.77 2.58 -2.37	84.02 3.40 -1.57	73.73 2.16 -1.74	68.58 1.72 -0.89	54.24 1.16 -0.22	47.88 1.15 -0.60	43.62 1.37 -0.62	39.60 1.10 -0.51
GOWANUS_GT4_7 24136	42.16 1.93 0.00	37.24 1.67 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.83 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.10 0.89 0.00	50.87 1.29 0.00	51.24 1.37 -0.94	51.68 1.67 -1.02	51.99 1.87 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	69.96 3.05 -2.10	74.77 2.58 -2.37	84.02 3.40 -1.57	73.73 2.16 -1.74	68.58 1.72 -0.89	54.24 1.16 -0.22	47.88 1.15 -0.60	43.62 1.37 -0.62	39.60 1.10 -0.51
GOWANUS_GT4_8 24137	42.16 1.93 0.00	37.24 1.67 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.83 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.10 0.89 0.00	50.87 1.29 0.00	51.24 1.37 -0.94	51.68 1.67 -1.02	51.99 1.87 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	69.96 3.05 -2.10	74.77 2.58 -2.37	84.02 3.40 -1.57	73.73 2.16 -1.74	68.58 1.72 -0.89	54.24 1.16 -0.22	47.88 1.15 -0.60	43.62 1.37 -0.62	39.60 1.10 -0.51
GREATVR_69_KV_BK1 356245	41.59 1.37 0.00	36.43 0.85 0.00	34.25 0.97 0.00	31.96 0.35 0.00	32.19 0.44 0.00	34.39 0.87 0.00	45.10 0.88 0.01	48.97 0.54 0.78	48.18 0.84 2.24	48.16 0.78 1.55	45.23 1.03 4.79	43.78 1.23 6.67	44.27 1.56 9.37	44.51 1.51 9.23	50.21 1.80 7.82	54.37 2.40 12.83	61.34 2.44 10.92	69.04 3.48 13.49	61.91 2.16 10.07	59.90 1.72 7.79	48.50 1.22 5.56	45.03 1.01 2.11	42.08 0.79 0.34	39.67 1.18 -0.51
GREENBSH_115KV_TB3 55895	39.58 -0.64 0.00	35.04 -0.53 0.00	32.72 -0.57 0.00	31.07 -0.54 0.00	31.27 -0.48 0.00	32.98 -0.54 0.00	43.43 -0.80 0.00	47.89 -0.84 0.49	48.74 -0.84 0.00	47.25 -0.93 0.75	47.19 -0.98 0.82	47.56 -0.94 0.73	50.01 -0.99 1.07	49.47 -0.99 1.77	53.89 -1.07 1.27	62.08 -1.04 1.69	66.81 -1.12 1.89	77.09 -0.71 1.26	48.84 -1.26 19.72	47.62 -1.45 16.91	50.34 -1.00 1.51	44.82 -0.83 0.48	40.59 -0.54 0.50	37.01 -0.57 0.41
GREENDGE_115KV_TB5 80291	43.43 1.25 -1.96	38.42 1.39 -1.46	35.86 1.36 -1.20	33.99 1.36 -1.02	34.15 1.37 -1.04	37.11 1.61 -1.99	48.59 1.81 -2.55	55.07 2.95 -2.90	54.99 2.48 -2.93	53.87 2.45 -2.49	53.75 2.30 -2.45	53.75 1.92 -2.61	57.09 2.03 -2.98	57.30 2.14 -2.93	61.14 2.14 -2.77	68.55 2.33 -1.41	75.69 2.72 -3.15	86.79 2.37 -5.36	77.82 2.72 -5.28	74.82 3.30 -5.55	58.62 2.27 -3.50	50.77 1.89 -2.75	45.13 1.42 -2.09	41.31 1.44 -1.88
GREENIDGE___3 23582	43.43 1.25 -1.96	38.42 1.39 -1.46	35.86 1.36 -1.20	33.99 1.36 -1.02	34.15 1.37 -1.04	37.11 1.61 -1.99	48.59 1.81 -2.55	55.07 2.95 -2.90	54.99 2.48 -2.93	53.87 2.45 -2.49	53.75 2.30 -2.45	53.75 1.92 -2.61	57.09 2.03 -2.98	57.30 2.14 -2.93	61.14 2.14 -2.77	68.55 2.33 -1.41	75.69 2.72 -3.15	86.79 2.37 -5.36	77.82 2.72 -5.28	74.82 3.30 -5.55	58.62 2.27 -3.50	50.77 1.89 -2.75	45.13 1.42 -2.09	41.31 1.44 -1.88
GREENIDGE___4 23583	43.44 1.25 -1.96	38.31 1.28 -1.46	35.82 1.33 -1.20	33.99 1.36 -1.02	34.12 1.33 -1.04	37.11 1.61 -1.99	48.59 1.81 -2.55	54.82 2.70 -2.90	54.99 2.48 -2.93	53.87 2.45 -2.49	53.60 2.15 -2.45	53.80 1.97 -2.61	57.08 2.03 -2.98	57.30 2.14 -2.93	61.14 2.14 -2.77	68.68 2.46 -1.41	75.69 2.72 -3.15	86.95 2.53 -5.36	77.96 2.86 -5.28	74.82 3.30 -5.55	58.62 2.27 -3.50	50.81 1.94 -2.75	45.17 1.46 -2.09	41.31 1.44 -1.88
GREENLWN_69_KV_BK 3 55738	41.11 0.88 0.00	36.11 0.53 0.00	33.92 0.63 0.00	31.74 0.13 0.00	31.97 0.22 0.00	34.05 0.54 0.00	44.44 0.22 0.01	48.08 -0.34 0.79	47.26 -0.05 2.27	47.29 -0.05 1.59	44.10 -0.05 4.84	42.43 -0.05 6.74	42.77 0.16 9.46	43.01 0.10 9.33	48.55 0.22 7.90	52.43 0.58 12.96	59.28 0.49 11.03	66.70 1.26 13.62	59.86 0.21 10.17	57.91 -0.20 7.86	46.87 -0.37 5.61	43.62 -0.37 2.14	41.07 -0.21 0.35	39.03 0.53 -0.51
GREENWD_138_KV_38B11_REV_LBMP_J 345004	42.16 1.93 0.00	37.24 1.67 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.83 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.10 0.89 0.00	50.87 1.29 0.00	51.24 1.37 -0.94	51.68 1.67 -1.02	51.99 1.87 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	69.96 3.05 -2.10	74.77 2.58 -2.37	84.02 3.40 -1.57	73.73 2.16 -1.74	68.58 1.72 -0.89	54.24 1.16 -0.22	47.88 1.15 -0.60	43.62 1.37 -0.62	39.60 1.10 -0.51
GRISSOM___SOLAR 323813	42.16 1.93 0.00	37.24 1.67 0.00	34.92 1.63 0.00	33.16 1.55 0.00	33.34 1.59 0.00	35.26 1.74 0.00	46.83 2.61 0.00	52.32 3.05 -0.05	51.96 2.38 0.00	50.22 1.91 0.61	49.60 1.27 0.67	49.80 1.18 0.59	52.29 1.10 0.87	52.51 1.04 0.77	56.38 1.18 1.04	65.24 1.81 1.38	70.86 2.58 1.54	82.22 4.19 1.02	74.65 3.91 -0.93	70.78 3.56 -1.24	55.97 3.12 0.00	48.46 2.72 0.39	43.55 2.33 0.41	39.55 1.90 0.33
GROVEVILLE___HYD 323602	41.51 1.29 0.00	36.67 1.10 0.00	34.32 1.03 0.00	32.46 0.85 0.00	32.67 0.92 0.00	34.42 0.90 0.00	45.60 1.37 0.00	50.59 1.38 0.00	51.07 1.49 0.00	51.02 1.37 -0.72	51.10 1.32 -0.78	51.33 1.43 -0.69	54.81 1.72 -1.02	54.85 1.62 -0.99	59.18 1.74 -1.21	68.75 2.33 -1.61	74.13 2.51 -1.80	83.81 3.56 -1.20	73.59 2.44 -1.33	68.57 1.91 -0.68	54.61 1.59 -0.17	47.92 1.34 -0.46	43.43 1.33 -0.47	39.52 1.14 -0.39
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	43.71 0.08 -3.40	38.18 0.07 -2.54	35.51 0.07 -2.16	33.51 0.09 -1.80	33.66 0.10 -1.82	37.81 0.13 -4.16	49.48 0.22 -5.04	55.23 0.44 -5.58	55.46 0.35 -5.53	54.09 0.44 -4.72	53.84 0.44 -4.40	54.65 0.39 -5.04	57.03 0.10 -4.86	57.56 0.05 -5.28	60.92 -0.06 -4.74	66.88 -0.13 -2.21	74.47 -0.28 -4.93	87.38 -0.08 -8.40	78.17 -0.14 -8.49	75.28 0.07 -9.24	59.09 0.00 -6.24	51.22 0.28 -4.82	45.85 0.17 -4.06	41.84 0.23 -3.63
HAMLTNNY_34_KV_TB 80303	43.56 0.32 -3.01	38.10 0.28 -2.24	35.44 0.30 -1.85	33.49 0.32 -1.56	33.66 0.32 -1.59	36.97 0.40 -3.06	48.67 0.53 -3.92	56.28 2.61 -4.46	56.41 2.33 -4.49	55.55 2.79 -3.83	55.65 2.89 -3.77	55.94 2.71 -4.01	59.51 2.86 -4.58	59.81 3.08 -4.49	63.41 2.92 -4.25	69.88 2.92 -2.16	77.79 3.14 -4.83	88.08 0.79 -8.23	78.62 0.70 -8.10	75.42 0.92 -8.52	58.86 0.63 -5.37	50.94 0.60 -4.22	45.29 0.46 -3.21	41.37 0.49 -2.89

HAMPSHIRE___PAPER_HYD 323593	51.68 1.33 -10.13	44.26 1.17 -7.51	42.57 1.13 -8.16	38.84 1.08 -6.16	38.65 1.05 -5.86	64.96 1.34 -30.11	76.17 1.86 -30.09	81.33 2.07 -30.06	76.76 1.88 -25.29	72.23 1.66 -21.63	65.80 1.61 -15.19	75.85 1.53 -25.10	59.30 1.41 -5.82	72.37 1.46 -18.67	69.19 1.63 -11.33	67.22 1.81 -0.60	72.56 1.40 -1.35	82.70 1.34 -2.30	79.94 1.75 -8.38	85.52 2.11 -17.43	77.01 1.58 -22.58	63.24 1.66 -15.46	65.97 1.54 -22.80	59.21 1.37 -19.86
HARDSCRABBLE_WT_PWR 323673	40.32 -0.24 -0.33	35.57 -0.25 -0.25	33.33 -0.23 -0.27	31.59 -0.22 -0.20	31.75 -0.19 -0.19	34.43 -0.13 -1.05	45.17 -0.09 -1.04	50.09 -0.15 -1.03	50.21 -0.25 -0.87	49.44 -0.24 -0.75	49.31 -0.20 -0.51	49.99 -0.10 -0.87	52.03 -0.21 -0.17	52.56 -0.31 -0.63	56.26 -0.34 -0.37	64.55 -0.26 0.00	69.19 -0.63 0.00	78.34 -0.71 0.00	68.92 -1.12 -0.22	65.26 -1.26 -0.54	52.34 -1.27 -0.75	45.44 -1.20 -0.51	41.20 -1.21 -0.78	37.38 -1.29 -0.68
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	41.39 1.17 0.00	36.57 1.00 0.00	34.22 0.93 0.00	32.34 0.73 0.00	32.54 0.79 0.00	34.32 0.80 0.00	45.42 1.19 0.00	50.44 1.23 0.00	50.97 1.39 0.00	51.02 1.27 -0.82	51.16 1.27 -0.89	51.38 1.38 -0.79	54.85 1.61 -1.17	54.88 1.51 -1.14	59.30 1.69 -1.38	68.91 2.27 -1.84	74.32 2.44 -2.06	83.90 3.48 -1.37	73.65 2.30 -1.52	68.60 1.85 -0.78	54.53 1.48 -0.20	47.85 1.20 -0.52	43.38 1.21 -0.54	39.46 1.03 -0.45
HARSNRAD_115KV_TB1 81005	42.05 0.56 -1.26	37.08 0.57 -0.94	34.73 0.67 -0.77	33.02 0.76 -0.65	33.05 0.63 -0.66	35.56 0.77 -1.28	45.95 0.09 -1.64	50.97 -0.10 -1.86	50.57 -0.89 -1.88	50.38 -0.15 -1.60	50.67 0.10 -1.57	50.35 -0.54 -1.68	54.04 0.05 -1.91	54.22 0.10 -1.88	57.73 -0.28 -1.78	64.22 -1.49 -0.90	70.44 -1.40 -2.02	80.68 -1.82 -3.44	72.78 -0.42 -3.38	69.73 0.20 -3.56	54.94 -0.16 -2.24	48.12 0.23 -1.76	42.97 0.00 -1.34	39.99 0.80 -1.21
HARZA MOOSE___RIVER 24016	44.79 1.17 -3.40	39.13 1.03 -2.52	36.96 1.03 -2.64	34.61 0.98 -2.02	34.67 0.98 -1.94	43.79 1.21 -9.06	55.25 1.81 -9.21	60.72 2.21 -9.30	59.51 1.93 -7.99	57.53 1.76 -6.84	55.65 1.67 -4.99	58.70 1.62 -7.86	56.10 1.56 -2.47	59.91 1.57 -6.11	61.89 1.69 -3.98	67.50 2.14 -0.55	73.01 1.95 -1.24	83.70 2.53 -2.11	76.00 2.37 -3.81	75.06 2.64 -6.44	62.20 2.01 -7.34	53.05 1.80 -5.12	50.15 1.50 -7.02	45.37 1.25 -6.13
HDSNBRDG_115KV_BRDG_TB1 355580	42.53 -0.20 -2.51	37.22 -0.21 -1.86	34.74 -0.17 -1.62	32.79 -0.16 -1.34	32.93 -0.16 -1.34	36.78 -0.10 -3.36	48.10 -0.09 -3.96	54.03 0.49 -4.33	54.43 0.45 -4.40	53.17 0.49 -3.75	52.91 0.54 -3.38	53.82 0.54 -4.06	55.95 0.42 -3.46	56.77 0.47 -4.06	60.14 0.39 -3.52	66.65 0.32 -1.52	72.94 -0.28 -3.41	84.70 -0.16 -5.80	75.57 -0.21 -5.96	72.54 -0.07 -6.63	57.40 -0.11 -4.66	49.64 -0.05 -3.56	44.67 -0.12 -3.17	40.77 -0.04 -2.82
HELLGATE_13_KV_LD 55870	42.16 1.93 0.00	37.25 1.67 0.00	34.82 1.53 0.00	32.78 1.17 0.00	32.90 1.14 0.00	34.69 1.17 0.00	45.64 1.42 0.00	50.59 1.38 0.00	51.37 1.79 0.00	51.63 1.76 -0.94	52.03 2.01 -1.02	52.28 2.17 -0.90	55.90 2.50 -1.33	55.94 2.40 -1.30	60.57 2.76 -1.58	70.41 3.50 -2.10	75.67 3.49 -2.36	85.05 4.43 -1.57	74.49 2.93 -1.74	69.17 2.31 -0.89	54.72 1.64 -0.22	48.16 1.43 -0.60	43.96 1.71 -0.62	39.98 1.48 -0.51
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	42.16 1.93 0.00	37.25 1.67 0.00	34.82 1.53 0.00	32.78 1.17 0.00	32.90 1.14 0.00	34.69 1.17 0.00	45.64 1.42 0.00	50.59 1.38 0.00	51.37 1.79 0.00	51.63 1.76 -0.94	52.03 2.01 -1.02	52.28 2.17 -0.90	55.90 2.50 -1.33	55.94 2.40 -1.30	60.57 2.76 -1.58	70.41 3.50 -2.10	75.67 3.49 -2.36	85.05 4.43 -1.57	74.49 2.93 -1.74	69.17 2.31 -0.89	54.72 1.64 -0.22	48.16 1.43 -0.60	43.96 1.71 -0.62	39.98 1.48 -0.51
HEMPSTEAD____ 23647	41.23 1.01 0.00	36.32 0.75 0.00	34.09 0.80 0.00	31.93 0.32 0.00	32.10 0.35 0.00	34.12 0.60 0.00	44.75 0.53 0.01	49.39 0.54 0.36	49.36 0.60 0.82	49.46 0.54 0.01	47.75 0.74 1.98	47.14 0.93 3.01	49.08 1.20 4.19	49.24 1.15 4.14	54.37 1.41 3.27	61.14 1.94 5.60	67.21 1.89 4.49	75.45 2.61 6.21	66.99 1.53 4.36	63.43 1.05 3.59	50.83 0.74 2.76	45.88 0.56 0.80	42.41 0.66 -0.12	39.26 0.76 -0.51
HICKLING___1 23621	43.09 1.21 -1.66	37.95 1.14 -1.24	35.44 1.13 -1.02	33.61 1.14 -0.86	33.74 1.11 -0.88	36.50 1.31 -1.68	47.93 1.55 -2.16	53.63 1.97 -2.46	53.60 1.54 -2.47	52.80 1.76 -2.11	52.74 1.67 -2.07	52.71 1.28 -2.21	56.21 1.61 -2.52	56.28 1.57 -2.48	60.04 1.46 -2.34	67.29 1.30 -1.19	74.29 1.82 -2.66	85.80 2.21 -4.53	76.65 2.37 -4.46	73.44 2.77 -4.70	57.66 1.85 -2.96	50.06 1.61 -2.32	44.64 1.25 -1.77	40.98 1.41 -1.59
HICKLING___2 23622	43.09 1.21 -1.66	37.95 1.14 -1.24	35.44 1.13 -1.02	33.61 1.14 -0.86	33.74 1.11 -0.88	36.50 1.31 -1.68	47.93 1.55 -2.16	53.63 1.97 -2.46	53.60 1.54 -2.47	52.80 1.76 -2.11	52.74 1.67 -2.07	52.71 1.28 -2.21	56.21 1.61 -2.52	56.28 1.57 -2.48	60.04 1.46 -2.34	67.29 1.30 -1.19	74.29 1.82 -2.66	85.80 2.21 -4.53	76.65 2.37 -4.46	73.44 2.77 -4.70	57.66 1.85 -2.96	50.06 1.61 -2.32	44.64 1.25 -1.77	40.98 1.41 -1.59
HIGH FALLS___HY 23754	41.79 1.57 0.00	36.92 1.35 0.00	34.55 1.26 0.00	32.68 1.07 0.00	32.89 1.14 0.00	34.69 1.17 0.00	45.99 1.77 0.00	50.93 1.77 0.05	51.42 1.83 0.00	51.02 1.61 -0.48	51.03 1.52 -0.52	51.25 1.57 -0.46	54.62 1.87 -0.68	54.60 1.78 -0.59	59.00 1.97 -0.80	68.43 2.72 -0.91	73.43 3.00 -0.61	84.04 4.19 -0.80	71.92 3.00 0.90	67.35 2.51 1.13	54.90 2.06 0.02	48.18 1.75 -0.30	43.57 1.62 -0.32	39.61 1.37 -0.26
HIGH_RIVER___SOLAR 323847	41.27 1.04 0.00	36.49 0.92 0.00	34.19 0.90 0.00	32.43 0.82 0.00	32.61 0.86 0.00	34.42 0.91 0.00	45.60 1.37 0.00	50.78 1.57 0.00	50.77 1.19 0.00	49.11 0.83 0.65	48.73 0.44 0.71	49.08 0.49 0.62	51.72 0.57 0.92	51.91 0.58 0.90	55.76 0.62 1.09	64.39 1.03 1.45	69.66 1.47 1.63	80.43 2.45 1.08	70.64 2.03 1.20	67.14 1.78 0.62	54.34 1.64 0.16	47.15 1.43 0.41	42.49 1.29 0.43	38.66 1.03 0.35
HILLBURN___GT 23639	41.47 1.25 0.00	36.68 1.10 0.00	34.25 0.97 0.00	32.37 0.76 0.00	32.54 0.79 0.00	34.32 0.80 0.00	45.42 1.19 0.00	50.54 1.33 0.00	51.02 1.44 0.00	51.15 1.37 -0.85	51.34 1.42 -0.92	51.51 1.48 -0.82	55.05 1.77 -1.20	55.08 1.67 -1.17	59.51 1.85 -1.43	69.17 2.46 -1.90	74.46 2.51 -2.13	83.94 3.47 -1.41	73.69 2.30 -1.57	68.62 1.84 -0.81	54.53 1.48 -0.20	47.91 1.25 -0.54	43.48 1.29 -0.56	39.47 1.03 -0.46
HILLSIDE_115KV_TB1 80332	42.56 0.68 -1.65	37.48 0.68 -1.23	34.97 0.67 -1.02	33.16 0.70 -0.86	33.29 0.67 -0.87	36.00 0.80 -1.68	47.26 0.88 -2.15	52.84 1.18 -2.45	52.80 0.74 -2.47	52.01 0.98 -2.10	51.95 0.88 -2.07	51.96 0.54 -2.21	55.42 0.83 -2.52	55.49 0.78 -2.47	59.19 0.62 -2.34	66.38 0.39 -1.19	73.31 0.84 -2.66	84.84 1.26 -4.52	75.74 1.47 -4.45	72.37 1.72 -4.68	56.97 1.16 -2.95	49.41 0.97 -2.32	44.10 0.71 -1.76	40.45 0.87 -1.59

HISHELDN_WT_PWR 323625	42.53 0.93 -1.38	37.27 0.67 -1.03	35.03 0.90 -0.85	33.37 1.04 -0.72	33.33 0.86 -0.73	36.02 1.10 -1.40	46.82 0.80 -1.79	51.55 0.30 -2.04	51.79 0.15 -2.06	51.37 0.68 -1.75	51.21 0.49 -1.72	51.35 0.30 -1.84	54.90 0.73 -2.10	54.97 0.68 -2.06	58.52 0.34 -1.95	65.41 -0.39 -0.99	71.82 -0.21 -2.21	82.43 -0.39 -3.77	74.71 1.19 -3.71	71.19 1.32 -3.90	56.00 0.69 -2.46	48.89 0.83 -1.93	43.51 0.42 -1.47	40.29 0.99 -1.32
HOLTSVILLE_IC_1 23690	40.91 0.68 0.00	35.93 0.36 0.00	33.82 0.53 0.00	31.48 -0.13 0.00	31.72 -0.03 0.00	33.85 0.34 0.00	44.40 0.18 0.01	48.35 -0.05 0.81	47.28 0.05 2.36	47.20 -0.05 1.68	44.10 0.10 4.99	42.63 0.35 6.93	42.91 0.57 9.73	43.21 0.58 9.60	48.76 0.68 8.14	52.56 1.10 13.35	59.42 0.98 11.37	66.47 1.42 14.01	59.90 0.56 10.47	58.08 0.20 8.09	47.19 0.11 5.76	44.01 0.09 2.21	41.46 0.21 0.37	39.03 0.53 -0.51
HOLTSVILLE_IC_10 23699	41.11 0.88 0.00	36.03 0.46 0.00	33.95 0.67 0.00	31.61 0.00 0.00	31.84 0.10 0.00	34.02 0.50 0.00	44.61 0.40 0.01	48.60 0.20 0.80	47.55 0.30 2.33	47.48 0.20 1.65	44.40 0.35 4.94	42.99 0.64 6.87	43.31 0.88 9.65	43.67 0.94 9.51	49.18 1.01 8.06	53.07 1.49 13.22	60.02 1.47 11.26	67.07 1.89 13.88	60.42 0.98 10.38	58.62 0.66 8.02	47.61 0.47 5.72	44.36 0.41 2.18	41.68 0.42 0.37	39.18 0.68 -0.51
HOLTSVILLE_IC_2 23691	40.91 0.68 0.00	35.93 0.36 0.00	33.82 0.53 0.00	31.48 -0.13 0.00	31.72 -0.03 0.00	33.85 0.34 0.00	44.40 0.18 0.01	48.35 -0.05 0.81	47.28 0.05 2.36	47.20 -0.05 1.68	44.10 0.10 4.99	42.63 0.35 6.93	42.91 0.57 9.73	43.21 0.58 9.60	48.76 0.68 8.14	52.56 1.10 13.35	59.42 0.98 11.37	66.47 1.42 14.01	59.90 0.56 10.47	58.08 0.20 8.09	47.19 0.11 5.76	44.01 0.09 2.21	41.46 0.21 0.37	39.03 0.53 -0.51
HOLTSVILLE_IC_3 23692	40.91 0.68 0.00	35.93 0.36 0.00	33.82 0.53 0.00	31.48 -0.13 0.00	31.72 -0.03 0.00	33.85 0.34 0.00	44.40 0.18 0.01	48.35 -0.05 0.81	47.28 0.05 2.36	47.20 -0.05 1.68	44.10 0.10 4.99	42.63 0.35 6.93	42.91 0.57 9.73	43.21 0.58 9.60	48.76 0.68 8.14	52.56 1.10 13.35	59.42 0.98 11.37	66.47 1.42 14.01	59.90 0.56 10.47	58.08 0.20 8.09	47.19 0.11 5.76	44.01 0.09 2.21	41.46 0.21 0.37	39.03 0.53 -0.51
HOLTSVILLE_IC_4 23693	40.91 0.68 0.00	35.93 0.36 0.00	33.82 0.53 0.00	31.48 -0.13 0.00	31.72 -0.03 0.00	33.85 0.34 0.00	44.40 0.18 0.01	48.35 -0.05 0.81	47.28 0.05 2.36	47.20 -0.05 1.68	44.10 0.10 4.99	42.63 0.35 6.93	42.91 0.57 9.73	43.21 0.58 9.60	48.76 0.68 8.14	52.56 1.10 13.35	59.42 0.98 11.37	66.47 1.42 14.01	59.90 0.56 10.47	58.08 0.20 8.09	47.19 0.11 5.76	44.01 0.09 2.21	41.46 0.21 0.37	39.03 0.53 -0.51
HOLTSVILLE_IC_5 23694	40.91 0.68 0.00	35.93 0.36 0.00	33.82 0.53 0.00	31.48 -0.13 0.00	31.72 -0.03 0.00	33.85 0.34 0.00	44.40 0.18 0.01	48.35 -0.05 0.81	47.28 0.05 2.36	47.20 -0.05 1.68	44.10 0.10 4.99	42.63 0.35 6.93	42.91 0.57 9.73	43.21 0.58 9.60	48.76 0.68 8.14	52.56 1.10 13.35	59.42 0.98 11.37	66.47 1.42 14.01	59.90 0.56 10.47	58.08 0.20 8.09	47.19 0.11 5.76	44.01 0.09 2.21	41.46 0.21 0.37	39.03 0.53 -0.51
HOLTSVILLE_IC_6 23695	41.11 0.88 0.00	36.03 0.46 0.00	33.95 0.67 0.00	31.61 0.00 0.00	31.84 0.10 0.00	34.02 0.50 0.00	44.61 0.40 0.01	48.60 0.20 0.80	47.55 0.30 2.33	47.48 0.20 1.65	44.40 0.35 4.94	42.99 0.64 6.87	43.31 0.88 9.65	43.67 0.94 9.51	49.18 1.01 8.06	53.07 1.49 13.22	60.02 1.47 11.26	67.07 1.89 13.88	60.42 0.98 10.38	58.62 0.66 8.02	47.61 0.47 5.72	44.36 0.41 2.18	41.68 0.42 0.37	39.18 0.68 -0.51
HOLTSVILLE_IC_7 23696	41.11 0.88 0.00	36.03 0.46 0.00	33.95 0.67 0.00	31.61 0.00 0.00	31.84 0.10 0.00	34.02 0.50 0.00	44.61 0.40 0.01	48.60 0.20 0.80	47.55 0.30 2.33	47.48 0.20 1.65	44.40 0.35 4.94	42.99 0.64 6.87	43.31 0.88 9.65	43.67 0.94 9.51	49.18 1.01 8.06	53.07 1.49 13.22	60.02 1.47 11.26	67.07 1.89 13.88	60.42 0.98 10.38	58.62 0.66 8.02	47.61 0.47 5.72	44.36 0.41 2.18	41.68 0.42 0.37	39.18 0.68 -0.51
HOLTSVILLE_IC_8 23697	41.11 0.88 0.00	36.03 0.46 0.00	33.95 0.67 0.00	31.61 0.00 0.00	31.84 0.10 0.00	34.02 0.50 0.00	44.61 0.40 0.01	48.60 0.20 0.80	47.55 0.30 2.33	47.48 0.20 1.65	44.40 0.35 4.94	42.99 0.64 6.87	43.31 0.88 9.65	43.67 0.94 9.51	49.18 1.01 8.06	53.07 1.49 13.22	60.02 1.47 11.26	67.07 1.89 13.88	60.42 0.98 10.38	58.62 0.66 8.02	47.61 0.47 5.72	44.36 0.41 2.18	41.68 0.42 0.37	39.18 0.68 -0.51
HOLTSVILLE_IC_9 23698	41.11 0.88 0.00	36.03 0.46 0.00	33.95 0.67 0.00	31.61 0.00 0.00	31.84 0.10 0.00	34.02 0.50 0.00	44.61 0.40 0.01	48.60 0.20 0.80	47.55 0.30 2.33	47.48 0.20 1.65	44.40 0.35 4.94	42.99 0.64 6.87	43.31 0.88 9.65	43.67 0.94 9.51	49.18 1.01 8.06	53.07 1.49 13.22	60.02 1.47 11.26	67.07 1.89 13.88	60.42 0.98 10.38	58.62 0.66 8.02	47.61 0.47 5.72	44.36 0.41 2.18	41.68 0.42 0.37	39.18 0.68 -0.51
HOMER_HL_115KV_TB2 355744	42.43 0.88 -1.32	37.44 0.89 -0.98	34.99 0.90 -0.81	33.24 0.95 -0.68	33.33 0.89 -0.69	35.96 1.11 -1.34	47.09 1.15 -1.71	52.54 1.38 -1.95	52.19 0.64 -1.96	51.73 1.13 -1.67	51.72 1.08 -1.65	51.56 0.59 -1.75	55.27 1.20 -2.00	55.19 0.99 -1.96	58.82 0.73 -1.86	65.62 -0.13 -0.95	72.49 0.56 -2.11	83.76 1.11 -3.60	75.38 2.02 -3.54	72.14 2.44 -3.72	56.68 1.48 -2.35	49.22 1.25 -1.84	43.78 0.75 -1.40	40.27 1.03 -1.26
HOWARD_WT_PWR 323690	43.65 1.77 -1.65	38.26 1.46 -1.23	35.87 1.56 -1.02	34.11 1.64 -0.86	34.15 1.52 -0.87	37.03 1.84 -1.68	48.50 2.12 -2.15	53.97 2.31 -2.45	54.13 2.08 -2.47	53.24 2.20 -2.10	52.93 1.86 -2.07	52.99 1.57 -2.20	56.46 1.87 -2.52	56.58 1.88 -2.47	60.25 1.69 -2.34	67.48 1.49 -1.19	74.42 1.95 -2.65	85.79 2.21 -4.52	77.48 3.21 -4.45	73.95 3.30 -4.68	57.97 2.17 -2.95	50.38 1.94 -2.32	44.72 1.33 -1.76	41.13 1.56 -1.59
HQ_GEN_CEDARS 23644	63.55 0.72 -22.60	52.97 0.64 -16.75	52.47 0.60 -18.58	46.09 0.57 -13.91	45.46 0.54 -13.17	105.31 0.64 -71.16	115.47 0.71 -70.53	119.93 0.64 -70.08	108.72 0.74 -58.39	99.57 0.69 -49.95	84.03 0.69 -34.35	108.16 0.69 -58.26	63.73 0.62 -11.03	95.28 0.73 -42.31	81.71 0.84 -24.63	65.58 0.78 0.00	70.52 0.70 0.00	79.14 0.08 0.00	85.74 1.05 -14.87	103.70 1.12 -36.61	104.96 0.85 -51.26	81.60 0.74 -34.73	95.63 0.71 -53.29	84.93 0.61 -46.34
HQ_GEN_CEDARS_PROXY 323590	63.55 0.72 -22.60	52.97 0.64 -16.75	52.47 0.60 -18.58	46.09 0.57 -13.91	45.46 0.54 -13.17	105.31 0.64 -71.16	115.46 0.71 -70.53	119.93 0.64 -70.08	108.72 0.74 -58.39	99.57 0.68 -49.95	84.12 0.78 -34.35	108.16 0.69 -58.26	63.73 0.63 -11.03	95.28 0.73 -42.31	81.71 0.84 -24.63	65.39 0.58 0.00	70.59 0.77 0.00	77.34 0.24 1.95	87.69 1.05 -16.82	103.70 1.12 -36.61	104.91 0.79 -51.26	81.51 0.65 -34.73	95.55 0.63 -53.29	84.93 0.61 -46.34

HQ_GEN_IMPORT 323601	39.72 0.20 0.71	35.22 0.18 0.53	32.87 0.17 0.58	31.33 0.16 0.44	31.46 0.13 0.41	31.45 0.17 2.24	42.14 0.13 2.22	47.11 0.10 2.20	47.90 0.15 1.83	47.51 0.15 1.57	48.11 0.20 1.08	47.54 0.15 1.83	51.88 0.16 0.35	51.06 0.16 1.33	55.68 0.23 0.77	64.93 0.13 0.00	70.03 0.21 0.00	76.87 -0.24 1.95	71.58 0.28 -1.48	65.15 0.33 1.15	51.45 0.21 1.61	45.17 0.14 1.09	40.08 0.13 1.68	36.68 0.15 1.46
HQ_GEN_WHEEL 23651	39.72 0.20 0.71	35.22 0.18 0.53	32.87 0.17 0.58	31.33 0.16 0.44	31.46 0.13 0.41	31.45 0.17 2.24	42.14 0.13 2.22	47.11 0.10 2.20	47.90 0.15 1.83	47.51 0.15 1.57	48.11 0.20 1.08	47.54 0.15 1.83	51.88 0.16 0.35	51.06 0.16 1.33	55.68 0.23 0.77	64.93 0.13 0.00	70.03 0.21 0.00	76.87 -0.24 1.95	71.58 0.28 -1.48	65.15 0.33 1.15	51.45 0.21 1.61	45.17 0.14 1.09	40.08 0.13 1.68	36.68 0.15 1.46
HUDSON AVE_GT_3 23810	41.92 1.69 0.00	37.03 1.46 0.00	34.62 1.33 0.00	32.65 1.04 0.00	32.80 1.05 0.00	34.59 1.07 0.00	45.77 1.55 0.00	50.78 1.57 0.00	51.52 1.93 0.00	51.73 1.86 -0.94	52.03 2.01 -1.02	52.28 2.17 -0.90	55.90 2.50 -1.33	55.99 2.45 -1.30	60.57 2.76 -1.58	70.34 3.43 -2.10	75.74 3.56 -2.36	85.21 4.59 -1.57	74.70 3.14 -1.74	69.37 2.51 -0.89	54.93 1.85 -0.22	48.25 1.52 -0.60	43.79 1.54 -0.62	39.83 1.33 -0.51
HUDSON AVE_GT_4 23540	41.92 1.69 0.00	37.03 1.46 0.00	34.62 1.33 0.00	32.65 1.04 0.00	32.80 1.05 0.00	34.59 1.07 0.00	45.77 1.55 0.00	50.78 1.57 0.00	51.52 1.93 0.00	51.73 1.86 -0.94	52.03 2.01 -1.02	52.28 2.17 -0.90	55.90 2.50 -1.33	55.99 2.45 -1.30	60.57 2.76 -1.58	70.34 3.43 -2.10	75.74 3.56 -2.36	85.21 4.59 -1.57	74.70 3.14 -1.74	69.37 2.51 -0.89	54.93 1.85 -0.22	48.25 1.52 -0.60	43.79 1.54 -0.62	39.83 1.33 -0.51
HUDSON AVE_GT_5 23657	41.92 1.69 0.00	37.03 1.46 0.00	34.62 1.33 0.00	32.65 1.04 0.00	32.80 1.05 0.00	34.59 1.07 0.00	45.77 1.55 0.00	50.78 1.57 0.00	51.52 1.93 0.00	51.73 1.86 -0.94	52.03 2.01 -1.02	52.28 2.17 -0.90	55.90 2.50 -1.33	55.99 2.45 -1.30	60.57 2.76 -1.58	70.34 3.43 -2.10	75.74 3.56 -2.36	85.21 4.59 -1.57	74.70 3.14 -1.74	69.37 2.51 -0.89	54.93 1.85 -0.22	48.25 1.52 -0.60	43.79 1.54 -0.62	39.83 1.33 -0.51
HUDSON_AVE_10 24168	41.79 1.57 0.00	36.92 1.35 0.00	34.52 1.23 0.00	32.53 0.92 0.00	32.67 0.92 0.00	34.49 0.97 0.00	45.64 1.42 0.00	50.74 1.43 -0.10	52.23 1.79 -0.86	52.45 1.71 -1.80	51.93 1.91 -1.02	52.19 2.07 -0.90	55.75 2.34 -1.33	55.83 2.30 -1.30	60.40 2.59 -1.58	70.21 3.31 -2.10	75.60 3.42 -2.36	85.05 4.43 -1.57	74.56 3.00 -1.74	69.24 2.38 -0.89	54.77 1.69 -0.22	48.11 1.38 -0.60	43.66 1.42 -0.62	39.71 1.22 -0.51
HUDSON___115KV_TB 4 355613	39.94 -0.28 0.00	35.32 -0.25 0.00	33.02 -0.27 0.00	31.36 -0.25 0.00	31.62 -0.13 0.00	33.35 -0.17 0.00	44.05 -0.18 0.00	48.85 0.00 0.36	49.14 -0.45 0.00	47.91 -0.49 0.54	47.68 -0.73 0.58	47.96 -0.74 0.52	50.48 -0.83 0.76	50.16 -0.78 1.29	54.48 -0.84 0.91	62.36 -0.65 1.79	66.02 -0.28 3.52	78.64 0.47 0.89	55.25 0.14 14.71	53.15 -0.20 12.63	51.83 0.11 1.12	45.88 0.09 0.34	41.77 0.50 0.35	38.00 0.30 0.29
HUNTER MOUNT___DRP 323613	39.98 -0.24 0.00	35.36 -0.21 0.00	33.05 -0.23 0.00	31.42 -0.19 0.00	31.69 -0.06 0.00	33.45 -0.07 0.00	44.18 -0.04 0.00	49.26 0.34 0.29	49.24 -0.35 0.00	48.27 -0.29 0.37	47.96 -0.64 0.40	48.22 -0.64 0.35	50.82 -0.73 0.52	50.61 -0.68 0.94	54.88 -0.73 0.62	62.64 -0.45 1.71	65.64 0.00 4.17	79.32 0.87 0.61	58.66 0.56 11.72	56.00 0.13 10.10	52.44 0.48 0.89	46.26 0.37 0.23	42.18 0.79 0.24	38.32 0.53 0.20
HUNTINGTON_RES_REC 323705	41.11 0.88 0.00	36.11 0.53 0.00	33.95 0.67 0.00	31.64 0.03 0.00	31.94 0.19 0.00	34.05 0.53 0.00	44.57 0.35 0.01	48.46 0.05 0.80	47.41 0.15 2.32	47.34 0.05 1.64	44.17 0.10 4.93	42.62 0.25 6.85	42.92 0.47 9.61	43.23 0.47 9.48	48.81 0.62 8.04	52.73 1.10 13.18	59.57 0.98 11.22	66.64 1.42 13.84	60.04 0.56 10.34	58.25 0.26 7.99	47.26 0.11 5.70	44.00 0.05 2.18	41.52 0.25 0.36	39.18 0.68 -0.51
HUNTLEY___63 23557	42.49 1.01 -1.26	37.47 0.96 -0.94	35.16 1.10 -0.77	33.40 1.14 -0.66	33.43 1.02 -0.67	35.93 1.14 -1.28	46.27 0.40 -1.64	51.32 0.25 -1.87	51.02 -0.45 -1.88	50.83 0.29 -1.60	51.11 0.54 -1.58	50.85 -0.05 -1.68	54.41 0.42 -1.92	54.59 0.47 -1.88	58.12 0.11 -1.78	64.54 -0.17 -0.91	70.93 -0.91 -2.02	81.00 -1.50 -3.45	73.21 0.00 -3.39	70.14 0.59 -3.57	55.26 0.16 -2.25	48.49 0.60 -1.77	43.26 0.29 -1.34	40.45 1.25 -1.21
HUNTLEY___64 23558	42.49 1.01 -1.26	37.47 0.96 -0.94	35.16 1.10 -0.77	33.40 1.14 -0.66	33.43 1.02 -0.67	35.93 1.14 -1.28	46.27 0.40 -1.64	51.32 0.25 -1.87	51.02 -0.45 -1.88	50.83 0.29 -1.60	51.11 0.54 -1.58	50.85 -0.05 -1.68	54.41 0.42 -1.92	54.59 0.47 -1.88	58.12 0.11 -1.78	64.54 -0.17 -0.91	70.93 -0.91 -2.02	81.00 -1.50 -3.45	73.21 0.00 -3.39	70.14 0.59 -3.57	55.26 0.16 -2.25	48.49 0.60 -1.77	43.26 0.29 -1.34	40.45 1.25 -1.21
HUNTLEY___65 23559	42.49 1.01 -1.26	37.47 0.96 -0.94	35.16 1.10 -0.77	33.40 1.14 -0.66	33.43 1.02 -0.67	35.93 1.14 -1.28	46.27 0.40 -1.64	51.32 0.25 -1.87	51.02 -0.45 -1.88	50.83 0.29 -1.60	51.11 0.54 -1.58	50.85 -0.05 -1.68	54.41 0.42 -1.92	54.59 0.47 -1.88	58.12 0.11 -1.78	64.54 -0.17 -0.91	70.93 -0.91 -2.02	81.00 -1.50 -3.45	73.21 0.00 -3.39	70.14 0.59 -3.57	55.26 0.16 -2.25	48.49 0.60 -1.77	43.26 0.29 -1.34	40.45 1.25 -1.21
HUNTLEY___66 23560	42.49 1.01 -1.26	37.47 0.96 -0.94	35.16 1.10 -0.77	33.40 1.14 -0.66	33.43 1.02 -0.67	35.93 1.14 -1.28	46.27 0.40 -1.64	51.32 0.25 -1.87	51.02 -0.45 -1.88	50.83 0.29 -1.60	51.11 0.54 -1.58	50.85 -0.05 -1.68	54.41 0.42 -1.92	54.59 0.47 -1.88	58.12 0.11 -1.78	64.54 -0.17 -0.91	70.93 -0.91 -2.02	81.00 -1.50 -3.45	73.21 0.00 -3.39	70.14 0.59 -3.57	55.26 0.16 -2.25	48.49 0.60 -1.77	43.26 0.29 -1.34	40.45 1.25 -1.21
HUNTLEY___67 23561	42.17 0.68 -1.26	37.18 0.68 -0.94	34.83 0.77 -0.77	33.12 0.85 -0.65	33.14 0.73 -0.66	35.66 0.87 -1.28	46.13 0.27 -1.64	51.17 0.10 -1.86	50.81 -0.64 -1.88	50.63 0.10 -1.60	50.86 0.29 -1.57	50.60 -0.30 -1.68	54.35 0.36 -1.91	54.48 0.37 -1.88	57.95 -0.06 -1.78	64.48 -1.23 -0.90	70.86 -0.98 -2.02	81.15 -1.34 -3.44	73.13 -0.07 -3.38	70.06 0.53 -3.56	55.20 0.11 -2.24	48.30 0.42 -1.76	43.09 0.12 -1.34	40.07 0.87 -1.21
HUNTLEY___68 23562	42.17 0.68 -1.26	37.18 0.68 -0.94	34.83 0.77 -0.77	33.12 0.85 -0.65	33.14 0.73 -0.66	35.66 0.87 -1.28	46.13 0.27 -1.64	51.17 0.10 -1.86	50.81 -0.64 -1.88	50.63 0.10 -1.60	50.86 0.29 -1.57	50.60 -0.30 -1.68	54.35 0.36 -1.91	54.48 0.37 -1.88	57.95 -0.06 -1.78	64.48 -1.23 -0.90	70.86 -0.98 -2.02	81.15 -1.34 -3.44	73.13 -0.07 -3.38	70.06 0.53 -3.56	55.20 0.11 -2.24	48.30 0.42 -1.76	43.09 0.12 -1.34	40.07 0.87 -1.21



HYLAND___LFGE 323620	44.41 2.74 -1.44	38.85 2.21 -1.08	36.44 2.26 -0.89	34.60 2.24 -0.75	34.70 2.19 -0.76	37.60 2.62 -1.47	49.46 3.36 -1.88	54.94 3.59 -2.14	54.71 2.97 -2.15	53.56 2.79 -1.84	52.91 2.11 -1.81	52.81 1.67 -1.93	55.98 1.72 -2.20	56.42 2.04 -2.15	60.41 2.14 -2.04	68.37 2.52 -1.04	75.62 3.49 -2.32	87.67 4.66 -3.95	79.49 5.79 -3.88	75.93 5.87 -4.09	59.71 4.28 -2.58	51.88 3.73 -2.02	46.12 2.96 -1.54	42.26 2.89 -1.39
INDECK___CORINTH 23802	40.59 0.36 0.00	35.93 0.36 0.00	33.72 0.43 0.00	32.05 0.44 0.00	32.23 0.48 0.00	33.85 0.34 0.00	44.89 0.66 0.00	50.57 0.98 -0.38	50.18 0.60 0.00	48.47 0.44 0.90	48.16 0.15 0.98	48.54 0.20 0.87	50.89 0.10 1.28	51.65 0.10 0.69	54.82 0.11 1.52	63.17 0.39 2.02	68.18 0.63 2.27	79.05 1.50 1.51	83.47 1.11 -12.53	78.40 0.73 -11.70	54.57 0.90 -0.82	46.43 0.87 0.58	41.74 0.71 0.60	37.95 0.46 0.49
INDECK___ILION 23567	40.64 0.08 -0.33	35.89 0.07 -0.25	33.63 0.07 -0.27	31.88 0.06 -0.20	32.01 0.06 -0.19	34.66 0.10 -1.05	45.44 0.18 -1.04	50.44 0.20 -1.03	50.61 0.15 -0.87	49.83 0.15 -0.75	49.66 0.15 -0.51	50.23 0.15 -0.87	52.39 0.16 -0.17	53.02 0.16 -0.63	56.77 0.17 -0.37	65.06 0.26 0.00	70.10 0.28 0.00	79.61 0.55 0.00	70.32 0.28 -0.22	66.78 0.26 -0.54	53.82 0.21 -0.75	46.78 0.14 -0.51	42.54 0.12 -0.78	38.74 0.08 -0.68
INDECK___OLEAN 23982	42.43 0.88 -1.32	37.23 0.67 -0.98	34.93 0.83 -0.81	33.27 0.98 -0.68	33.27 0.82 -0.69	35.95 1.10 -1.34	47.09 1.15 -1.71	52.05 0.89 -1.95	52.19 0.64 -1.96	51.68 1.08 -1.67	51.47 0.83 -1.65	51.71 0.74 -1.75	55.37 1.30 -2.00	55.30 1.10 -1.96	58.82 0.73 -1.86	65.81 0.06 -0.95	72.42 0.49 -2.11	83.44 0.79 -3.60	75.66 2.30 -3.54	72.07 2.37 -3.72	56.68 1.48 -2.35	49.31 1.34 -1.84	43.78 0.75 -1.40	40.27 1.03 -1.26
INDECK___OSWEGO 23783	46.26 -0.60 -6.64	39.95 -0.57 -4.94	36.98 -0.50 -4.19	34.67 -0.44 -3.50	34.84 -0.44 -3.53	40.96 -0.44 -7.89	52.96 -0.88 -9.62	58.88 -1.04 -10.70	59.07 -1.04 -10.53	56.89 -1.03 -8.98	56.44 -1.03 -8.48	57.74 -1.04 -9.56	60.43 -1.20 -9.56	61.23 -1.15 -10.15	64.11 -1.35 -9.23	67.70 -1.49 -4.39	77.94 -1.68 -9.80	93.93 -1.82 -16.68	84.99 -1.60 -16.77	82.73 -1.39 -18.15	63.80 -1.16 -12.11	54.58 -0.92 -9.37	48.56 -0.83 -7.77	44.49 -0.45 -6.96
INDECK___YERKES 23781	42.53 1.04 -1.26	37.26 0.75 -0.94	35.09 1.03 -0.77	33.43 1.17 -0.66	33.37 0.95 -0.67	35.97 1.17 -1.28	46.31 0.44 -1.64	50.78 -0.29 -1.87	51.07 -0.40 -1.88	50.88 0.34 -1.60	50.87 0.30 -1.58	51.09 0.20 -1.68	54.56 0.57 -1.92	54.69 0.58 -1.88	58.13 0.11 -1.78	64.74 -0.97 -0.91	70.86 -0.98 -2.02	80.92 -1.58 -3.45	73.63 0.42 -3.39	70.07 0.53 -3.57	55.26 0.16 -2.25	48.63 0.74 -1.77	43.30 0.33 -1.34	40.49 1.29 -1.21
INDIAN POINT_GT_1 24139	41.43 1.21 0.00	36.60 1.03 0.00	34.25 0.97 0.00	32.34 0.73 0.00	32.48 0.73 0.00	34.25 0.74 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.13 1.27 -0.92	51.37 1.37 -1.01	51.63 1.53 -0.89	55.15 1.77 -1.31	55.18 1.67 -1.28	59.64 1.86 -1.56	69.34 2.46 -2.07	74.65 2.51 -2.32	84.15 3.56 -1.54	73.77 2.23 -1.71	68.57 1.72 -0.88	54.39 1.32 -0.22	47.78 1.06 -0.59	43.32 1.08 -0.61	39.44 0.95 -0.50
INDIAN POINT_GT_2 23659	41.43 1.21 0.00	36.60 1.03 0.00	34.25 0.97 0.00	32.34 0.73 0.00	32.48 0.73 0.00	34.25 0.74 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.13 1.27 -0.92	51.37 1.37 -1.01	51.63 1.53 -0.89	55.15 1.77 -1.31	55.18 1.67 -1.28	59.64 1.86 -1.56	69.34 2.46 -2.07	74.65 2.51 -2.32	84.15 3.56 -1.54	73.77 2.23 -1.71	68.57 1.72 -0.88	54.39 1.32 -0.22	47.78 1.06 -0.59	43.32 1.08 -0.61	39.44 0.95 -0.50
INDIAN POINT_GT_3 24019	41.43 1.21 0.00	36.60 1.03 0.00	34.25 0.97 0.00	32.34 0.73 0.00	32.48 0.73 0.00	34.25 0.74 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.13 1.27 -0.92	51.37 1.37 -1.01	51.63 1.53 -0.89	55.15 1.77 -1.31	55.18 1.67 -1.28	59.64 1.86 -1.56	69.34 2.46 -2.07	74.65 2.51 -2.32	84.15 3.56 -1.54	73.77 2.23 -1.71	68.57 1.72 -0.88	54.39 1.32 -0.22	47.78 1.06 -0.59	43.32 1.08 -0.61	39.44 0.95 -0.50
INDIAN POINT___2 23530	41.43 1.21 0.00	36.64 1.07 0.00	34.25 0.97 0.00	32.34 0.73 0.00	32.48 0.73 0.00	34.25 0.74 0.00	45.33 1.11 0.00	50.44 1.23 0.00	50.92 1.34 0.00	51.10 1.27 -0.89	51.29 1.32 -0.97	51.50 1.43 -0.86	55.06 1.72 -1.27	55.09 1.62 -1.24	59.54 1.80 -1.51	69.21 2.40 -2.00	74.44 2.38 -2.25	83.87 3.32 -1.49	73.57 2.09 -1.66	68.54 1.71 -0.85	54.39 1.32 -0.21	47.85 1.15 -0.57	43.38 1.16 -0.59	39.42 0.95 -0.49
INDIAN POINT___3 23531	41.39 1.17 0.00	36.57 1.00 0.00	34.22 0.93 0.00	32.30 0.70 0.00	32.45 0.70 0.00	34.25 0.74 0.00	45.29 1.06 0.00	50.24 1.03 0.00	50.87 1.29 0.00	51.08 1.22 -0.93	51.33 1.32 -1.01	51.53 1.43 -0.89	55.05 1.67 -1.31	55.13 1.62 -1.28	59.59 1.80 -1.56	69.21 2.33 -2.07	74.58 2.44 -2.32	84.00 3.40 -1.54	73.70 2.16 -1.72	68.50 1.65 -0.88	54.34 1.27 -0.22	47.73 1.01 -0.59	43.28 1.04 -0.61	39.40 0.91 -0.50
INGHAM_C_115KV_TB7 356103	40.16 -0.40 -0.33	35.43 -0.39 -0.25	33.19 -0.37 -0.27	31.47 -0.35 -0.20	31.63 -0.32 -0.19	34.29 -0.27 -1.05	45.04 -0.22 -1.04	49.89 -0.34 -1.03	50.01 -0.45 -0.87	49.24 -0.44 -0.75	49.17 -0.34 -0.51	49.79 -0.30 -0.87	51.82 -0.42 -0.17	52.34 -0.52 -0.63	56.04 -0.56 -0.37	64.29 -0.52 0.00	68.84 -0.98 0.00	77.95 -1.11 0.00	68.64 -1.40 -0.22	64.93 -1.58 -0.54	52.13 -1.48 -0.75	45.25 -1.38 -0.51	41.04 -1.37 -0.78	37.26 -1.41 -0.68
IP CORINTH___1 23988	40.83 0.60 0.00	36.11 0.53 0.00	33.92 0.63 0.00	32.24 0.63 0.00	32.38 0.63 0.00	34.05 0.54 0.00	45.15 0.93 0.00	50.82 1.23 -0.38	50.48 0.89 0.00	48.76 0.73 0.90	48.50 0.49 0.98	48.84 0.49 0.87	51.21 0.42 1.28	51.97 0.42 0.69	55.16 0.45 1.52	63.56 0.78 2.02	68.60 1.05 2.27	79.61 2.06 1.51	83.89 1.54 -12.53	78.66 0.99 -11.70	54.88 1.22 -0.82	46.70 1.15 0.58	41.95 0.92 0.60	38.18 0.68 0.49
IP___TICONDEROGA 23804	42.48 2.25 0.00	37.56 1.99 0.00	35.32 2.03 0.00	33.54 1.93 0.00	33.72 1.97 0.00	35.59 2.08 0.00	47.28 3.05 0.00	53.31 3.69 -0.41	52.61 3.02 0.00	50.75 2.74 0.93	50.29 2.30 1.01	50.69 2.36 0.89	52.99 2.24 1.31	53.86 2.30 0.67	57.14 2.47 1.56	65.91 3.18 2.07	71.26 3.77 2.33	83.13 5.61 1.54	88.39 4.96 -13.61	82.73 4.09 -12.67	57.66 3.91 -0.89	48.90 3.37 0.59	43.85 2.83 0.61	39.76 2.28 0.50
ISLIP_RES_REC 323679	41.23 1.01 0.00	36.18 0.60 0.00	34.05 0.77 0.00	31.70 0.10 0.00	31.94 0.19 0.00	34.12 0.60 0.00	44.79 0.57 0.01	48.85 0.44 0.80	47.82 0.55 2.31	47.74 0.44 1.63	44.72 0.64 4.91	43.32 0.93 6.83	43.68 1.20 9.59	44.03 1.25 9.45	49.68 1.46 8.01	53.67 2.01 13.14	60.58 1.95 11.19	67.78 2.53 13.80	60.98 1.47 10.31	59.12 1.12 7.97	48.01 0.84 5.68	44.65 0.69 2.17	41.85 0.58 0.36	39.37 0.87 -0.51

JAMAICA__27_KV_LOAD 355505	41.88 1.65 0.00	37.07 1.49 0.00	34.65 1.36 0.00	32.65 1.04 0.00	32.80 1.05 0.00	34.65 1.14 0.00	45.82 1.59 0.00	51.06 1.72 -0.13	52.78 2.08 -1.11	53.00 2.01 -2.06	52.17 2.16 -1.02	52.43 2.31 -0.90	56.06 2.66 -1.33	56.14 2.61 -1.30	60.79 2.98 -1.58	70.73 3.82 -2.10	76.16 3.98 -2.36	85.68 5.06 -1.57	75.12 3.56 -1.74	69.77 2.90 -0.89	55.19 2.11 -0.22	48.43 1.71 -0.60	43.87 1.62 -0.62	39.94 1.44 -0.51
JANIS__SOLAR 323808	43.92 1.89 -1.80	38.52 1.60 -1.34	36.02 1.63 -1.11	34.13 1.58 -0.94	34.26 1.56 -0.95	37.19 1.84 -1.83	49.27 2.70 -2.35	55.03 3.15 -2.67	55.00 2.73 -2.69	53.62 2.40 -2.29	53.26 2.01 -2.25	53.49 1.87 -2.40	56.68 1.87 -2.74	56.80 1.88 -2.69	60.74 1.97 -2.55	68.76 2.66 -1.29	75.92 3.21 -2.89	88.25 4.27 -4.93	78.79 4.12 -4.85	75.43 4.35 -5.10	59.29 3.22 -3.22	51.33 2.67 -2.52	45.71 2.16 -1.92	41.69 1.97 -1.73
JARVIS____ 23743	40.56 0.00 -0.33	35.82 0.00 -0.25	33.56 0.00 -0.27	31.81 0.00 -0.20	31.94 0.00 -0.19	34.56 0.00 -1.05	45.31 0.04 -1.04	50.29 0.05 -1.03	50.46 0.00 -0.87	49.68 0.00 -0.75	49.51 0.00 -0.51	50.09 0.00 -0.87	52.29 0.05 -0.17	52.87 0.00 -0.63	56.60 0.00 -0.37	64.87 0.06 0.00	69.89 0.07 0.00	79.37 0.32 0.00	70.11 0.07 -0.22	66.51 0.00 -0.54	53.66 0.05 -0.75	46.68 0.05 -0.51	42.45 0.04 -0.78	38.67 0.00 -0.68
JENNISON____1 23625	43.47 1.89 -1.35	38.29 1.71 -1.01	35.78 1.66 -0.83	33.93 1.61 -0.70	34.05 1.59 -0.72	36.73 1.84 -1.38	48.69 2.70 -1.76	54.41 3.20 -2.01	54.43 2.83 -2.02	53.35 2.69 -1.72	53.29 2.60 -1.70	53.43 2.41 -1.81	56.68 2.55 -2.06	56.71 2.45 -2.02	60.73 2.59 -1.91	68.89 3.11 -0.97	75.48 3.49 -2.17	87.35 4.59 -3.70	77.44 3.98 -3.64	74.03 4.22 -3.84	58.44 3.17 -2.42	50.65 2.63 -1.90	45.19 2.12 -1.44	41.22 1.94 -1.30
JENNISON____2 23626	43.47 1.89 -1.35	38.29 1.71 -1.01	35.78 1.66 -0.83	33.93 1.61 -0.70	34.05 1.59 -0.72	36.73 1.84 -1.38	48.69 2.70 -1.76	54.41 3.20 -2.01	54.43 2.83 -2.02	53.35 2.69 -1.72	53.29 2.60 -1.70	53.43 2.41 -1.81	56.68 2.55 -2.06	56.71 2.45 -2.02	60.73 2.59 -1.91	68.89 3.11 -0.97	75.48 3.49 -2.17	87.35 4.59 -3.70	77.44 3.98 -3.64	74.03 4.22 -3.84	58.44 3.17 -2.42	50.65 2.63 -1.90	45.19 2.12 -1.44	41.22 1.94 -1.30
JERICOHO_RISE_WT_PWR 323719	43.16 0.88 -2.05	37.87 0.78 -1.52	35.67 0.70 -1.69	33.50 0.63 -1.26	33.58 0.63 -1.19	40.70 0.74 -6.45	50.89 0.27 -6.40	55.42 -0.15 -6.36	54.94 0.05 -5.30	53.42 -0.05 -4.54	52.46 0.35 -3.12	54.41 -0.10 -5.29	52.87 -0.21 -1.00	55.92 -0.16 -3.84	58.36 -0.11 -2.24	64.22 -0.58 0.00	69.47 -0.35 0.00	78.03 -1.03 0.00	71.10 -0.07 -1.35	69.16 -0.13 -3.32	57.19 -0.32 -4.65	49.00 -0.28 -3.15	46.79 0.33 -4.83	42.87 0.68 -4.20
KATONAH__115KV_46KV_TB4 355592	41.63 1.41 0.00	36.78 1.21 0.00	34.39 1.10 0.00	32.49 0.89 0.00	32.61 0.86 0.00	34.39 0.87 0.00	45.55 1.33 0.00	50.54 1.33 0.00	51.12 1.54 0.00	51.44 1.57 -0.94	51.68 1.67 -1.02	51.94 1.82 -0.90	55.54 2.13 -1.33	55.57 2.04 -1.30	60.01 2.19 -1.58	69.70 2.79 -2.10	75.04 2.86 -2.36	84.58 3.95 -1.57	74.15 2.58 -1.74	68.91 2.05 -0.89	54.61 1.53 -0.22	47.97 1.25 -0.60	43.50 1.25 -0.62	39.56 1.06 -0.51
KCE_NY_1 323755	41.19 0.96 0.00	36.46 0.89 0.00	34.15 0.86 0.00	32.43 0.82 0.00	32.57 0.82 0.00	34.35 0.84 0.00	45.51 1.28 0.00	51.23 1.57 -0.45	50.92 1.34 0.00	49.14 1.17 0.96	48.98 1.03 1.04	49.33 1.04 0.92	51.75 1.04 1.36	52.62 1.04 0.66	55.74 1.12 1.62	64.15 1.49 2.15	69.16 1.75 2.41	80.06 2.61 1.60	86.98 2.03 -15.13	81.72 1.71 -14.03	55.44 1.58 -1.00	46.95 1.43 0.61	42.29 1.29 0.63	38.45 0.99 0.52
KCE_NY_6_ESR 323823	42.55 1.04 -1.28	37.31 0.78 -0.96	35.07 1.00 -0.79	33.41 1.14 -0.67	33.38 0.95 -0.68	36.02 1.20 -1.30	46.78 0.88 -1.67	51.41 0.30 -1.90	51.65 0.15 -1.92	51.40 0.83 -1.63	51.34 0.74 -1.61	51.57 0.64 -1.71	55.27 1.25 -1.95	55.35 1.20 -1.92	58.83 0.79 -1.82	65.66 -0.06 -0.92	72.02 0.14 -2.06	82.33 -0.24 -3.51	74.81 1.53 -3.46	71.26 1.65 -3.64	56.10 0.95 -2.29	49.08 1.15 -1.80	43.66 0.66 -1.37	40.47 1.25 -1.23
KEDC_PORT_JEFF_GT2 24210	41.03 0.80 0.00	36.00 0.43 0.00	33.89 0.60 0.00	31.55 -0.06 0.00	31.81 0.06 0.00	33.95 0.43 0.00	44.53 0.31 0.01	48.50 0.10 0.81	47.44 0.20 2.34	47.37 0.10 1.66	44.23 0.20 4.96	42.82 0.49 6.89	43.18 0.78 9.68	43.48 0.78 9.54	48.92 0.79 8.09	52.71 1.17 13.27	59.56 1.05 11.30	66.15 1.03 13.93	59.83 0.42 10.41	58.20 0.26 8.04	47.39 0.27 5.73	44.26 0.33 2.19	41.59 0.33 0.37	39.14 0.65 -0.51
KEDC_PORT_JEFF_GT3 24211	41.03 0.80 0.00	36.00 0.43 0.00	33.89 0.60 0.00	31.55 -0.06 0.00	31.81 0.06 0.00	33.95 0.43 0.00	44.53 0.31 0.01	48.50 0.10 0.81	47.44 0.20 2.34	47.37 0.10 1.66	44.23 0.20 4.96	42.82 0.49 6.89	43.18 0.78 9.68	43.48 0.78 9.54	48.92 0.79 8.09	52.71 1.17 13.27	59.56 1.05 11.30	66.15 1.03 13.93	59.83 0.42 10.41	58.20 0.26 8.04	47.39 0.27 5.73	44.26 0.33 2.19	41.59 0.33 0.37	39.14 0.65 -0.51
KEDC_GLWD_GT4 24219	41.59 1.37 0.00	36.71 1.14 0.00	34.42 1.13 0.00	32.27 0.66 0.00	32.48 0.73 0.00	34.42 0.91 0.00	45.28 1.06 0.00	50.14 1.18 0.25	49.95 0.94 0.57	50.14 0.93 -0.29	49.14 1.13 0.98	48.79 1.28 1.71	51.28 1.56 2.35	51.47 1.57 2.33	56.37 1.80 1.66	64.16 2.40 3.04	69.90 2.30 2.21	78.51 3.08 3.63	69.44 1.95 2.33	65.32 1.45 2.10	52.19 1.11 1.77	46.66 0.87 0.34	43.12 1.21 -0.29	39.60 1.10 -0.51
KEDC_GLWD_GT5 24220	41.59 1.37 0.00	36.71 1.14 0.00	34.42 1.13 0.00	32.27 0.66 0.00	32.48 0.73 0.00	34.42 0.91 0.00	45.28 1.06 0.00	50.14 1.18 0.25	49.95 0.94 0.57	50.14 0.93 -0.29	49.14 1.13 0.98	48.79 1.28 1.71	51.28 1.56 2.35	51.47 1.57 2.33	56.37 1.80 1.66	64.16 2.40 3.04	69.90 2.30 2.21	78.51 3.08 3.63	69.44 1.95 2.33	65.32 1.45 2.10	52.19 1.11 1.77	46.66 0.87 0.34	43.12 1.21 -0.29	39.60 1.10 -0.51
KENSICO____ 23655	41.55 1.33 0.00	36.71 1.14 0.00	34.32 1.03 0.00	32.43 0.82 0.00	32.54 0.79 0.00	34.35 0.84 0.00	45.46 1.24 0.00	50.39 1.18 0.00	51.07 1.49 0.00	51.29 1.42 -0.94	51.54 1.52 -1.02	51.79 1.67 -0.90	55.33 1.93 -1.33	55.41 1.88 -1.30	59.89 2.08 -1.58	69.63 2.72 -2.10	74.97 2.79 -2.36	84.41 3.79 -1.56	74.00 2.44 -1.74	68.78 1.91 -0.89	54.50 1.43 -0.22	47.92 1.20 -0.60	43.46 1.21 -0.62	39.56 1.06 -0.51
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	41.63 1.41 0.00	36.75 1.17 0.00	34.39 1.10 0.00	32.56 0.95 0.00	32.80 1.05 0.00	34.59 1.07 0.00	45.82 1.59 0.00	50.83 1.62 0.00	51.22 1.64 0.00	50.94 1.47 -0.54	50.91 1.32 -0.59	51.11 1.38 -0.52	54.51 1.67 -0.77	54.55 1.57 -0.75	58.89 1.74 -0.91	68.38 2.46 -1.11	73.51 2.72 -0.97	83.83 3.87 -0.90	73.55 2.72 -1.00	68.73 2.24 -0.51	54.88 1.90 -0.13	48.09 1.61 -0.35	43.48 1.50 -0.36	39.57 1.29 -0.29

KIAC_JFK_GT1 23816	41.47 1.25 0.00	36.85 1.28 0.00	34.45 1.17 0.00	32.46 0.85 0.00	32.61 0.86 0.00	34.45 0.94 0.00	45.38 1.15 0.00	50.57 1.23 -0.13	52.28 1.59 -1.11	52.51 1.52 -2.06	51.68 1.67 -1.02	51.94 1.82 -0.90	55.54 2.13 -1.33	55.62 2.09 -1.30	60.23 2.42 -1.58	70.08 3.18 -2.10	75.39 3.21 -2.36	84.89 4.27 -1.57	74.42 2.86 -1.74	69.04 2.18 -0.89	54.61 1.53 -0.22	47.92 1.20 -0.60	43.46 1.21 -0.62	39.71 1.22 -0.51
KIAC_JFK_GT2 23817	41.47 1.25 0.00	36.85 1.28 0.00	34.45 1.17 0.00	32.46 0.85 0.00	32.61 0.86 0.00	34.45 0.94 0.00	45.38 1.15 0.00	50.57 1.23 -0.13	52.28 1.59 -1.11	52.51 1.52 -2.06	51.68 1.67 -1.02	51.94 1.82 -0.90	55.54 2.13 -1.33	55.62 2.09 -1.30	60.23 2.42 -1.58	70.08 3.18 -2.10	75.39 3.21 -2.36	84.89 4.27 -1.57	74.42 2.86 -1.74	69.04 2.18 -0.89	54.61 1.53 -0.22	47.92 1.20 -0.60	43.46 1.21 -0.62	39.71 1.22 -0.51
KIAC_JFK____ 323774	41.47 1.25 0.00	36.89 1.32 0.00	34.45 1.16 0.00	32.46 0.85 0.00	32.61 0.86 0.00	34.45 0.94 0.00	45.37 1.15 0.00	50.72 1.38 -0.13	52.28 1.59 -1.11	52.46 1.47 -2.06	51.69 1.67 -1.02	51.89 1.77 -0.90	55.54 2.14 -1.33	55.62 2.09 -1.30	60.23 2.42 -1.58	70.08 3.17 -2.10	75.32 3.14 -2.36	84.65 4.03 -1.57	74.28 2.72 -1.74	68.98 2.11 -0.89	54.66 1.58 -0.22	48.02 1.29 -0.60	43.58 1.33 -0.62	39.71 1.22 -0.51
KINTIGH__24_KV_GSU 356498	41.86 0.44 -1.19	36.71 0.25 -0.89	34.52 0.50 -0.73	32.86 0.63 -0.62	32.82 0.44 -0.63	35.36 0.64 -1.21	45.82 0.04 -1.55	50.23 -0.74 -1.76	50.51 -0.84 -1.77	50.25 -0.19 -1.51	50.29 -0.20 -1.49	50.46 -0.34 -1.59	53.98 0.10 -1.81	54.11 0.10 -1.77	57.58 -0.34 -1.68	64.43 -1.23 -0.85	70.54 -1.19 -1.91	80.57 -1.74 -3.25	72.88 -0.14 -3.20	69.41 0.07 -3.37	54.82 -0.16 -2.12	48.02 0.23 -1.67	42.85 -0.04 -1.27	39.81 0.68 -1.14
KINTIGH____ 23543	41.86 0.44 -1.19	36.92 0.46 -0.89	34.58 0.57 -0.73	32.86 0.63 -0.62	32.89 0.51 -0.63	35.36 0.64 -1.21	45.82 0.04 -1.55	50.77 -0.20 -1.76	50.51 -0.84 -1.77	50.25 -0.20 -1.51	50.53 0.05 -1.49	50.31 -0.49 -1.59	53.93 0.05 -1.81	54.06 0.05 -1.77	57.57 -0.34 -1.68	64.23 -1.43 -0.85	70.47 -1.26 -1.91	80.65 -1.66 -3.25	72.53 -0.49 -3.20	69.41 0.07 -3.37	54.82 -0.16 -2.12	47.98 0.18 -1.67	42.85 -0.04 -1.27	39.77 0.65 -1.14
KNTFSRNC_46_KV_46KV_LOAD 80397	43.02 1.57 -1.22	37.87 1.39 -0.91	35.49 1.20 -1.01	33.47 1.11 -0.75	33.54 1.08 -0.71	38.68 1.31 -3.85	48.44 0.40 -3.82	52.71 0.40 -3.80	52.65 -0.10 -3.17	51.45 -0.20 -2.71	50.57 -0.29 -1.86	52.13 -0.25 -3.16	52.25 -0.42 -0.60	54.17 -0.37 -2.30	57.23 -0.34 -1.34	64.16 -0.65 0.00	69.19 -0.63 0.00	77.71 -1.34 0.00	70.62 0.00 -0.81	67.82 -0.13 -1.98	55.68 0.05 -2.78	48.98 0.97 -1.88	46.10 1.58 -2.89	41.90 1.41 -2.51
LACHUTE____HYDRO 323717	42.48 2.25 0.00	37.53 1.96 0.00	35.32 2.03 0.00	33.54 1.93 0.00	33.72 1.97 0.00	35.59 2.08 0.00	47.27 3.05 0.00	53.35 3.74 -0.41	52.61 3.02 0.00	50.74 2.74 0.93	50.29 2.30 1.01	50.64 2.31 0.89	52.99 2.24 1.31	53.86 2.30 0.67	57.14 2.47 1.56	65.90 3.17 2.07	71.26 3.77 2.33	82.96 5.45 1.54	88.39 4.96 -13.61	82.99 4.35 -12.67	57.66 3.91 -0.89	48.95 3.41 0.59	43.89 2.87 0.61	39.76 2.28 0.50
LAWRNCALV_115KV_TB1 80681	57.55 1.09 -16.24	48.61 1.00 -12.04	47.48 0.93 -13.26	42.45 0.89 -9.95	42.01 0.83 -9.44	84.78 1.04 -50.23	95.42 1.28 -49.91	100.16 1.28 -49.67	92.38 1.29 -41.50	85.56 1.13 -35.50	74.69 1.13 -24.57	91.64 1.08 -41.35	61.42 0.99 -8.36	83.58 1.10 -30.25	75.36 1.29 -17.84	66.40 1.30 -0.30	71.40 0.91 -0.68	80.37 0.16 -1.15	82.41 1.05 -11.54	94.04 1.25 -26.81	90.54 1.06 -36.63	72.23 1.20 -24.90	80.58 1.21 -37.74	71.84 1.03 -32.83
LEDERLE____ 23769	41.59 1.37 0.00	36.75 1.17 0.00	34.35 1.07 0.00	32.46 0.85 0.00	32.64 0.89 0.00	34.42 0.90 0.00	45.60 1.37 0.00	50.59 1.38 0.00	51.17 1.59 0.00	51.32 1.52 -0.88	51.52 1.57 -0.95	51.73 1.67 -0.84	55.29 1.98 -1.24	55.27 1.83 -1.21	59.73 2.02 -1.48	69.42 2.66 -1.96	74.88 2.86 -2.20	84.47 3.95 -1.46	74.09 2.65 -1.62	68.92 2.11 -0.83	54.70 1.64 -0.21	48.02 1.34 -0.56	43.54 1.33 -0.58	39.60 1.14 -0.47
LIGHTHSE_115KV_TB6 355974	45.03 0.48 -4.32	39.21 0.43 -3.21	36.69 0.43 -2.97	34.44 0.44 -2.39	34.53 0.41 -2.37	41.76 0.60 -7.64	53.51 0.88 -8.40	59.26 1.18 -8.87	58.72 0.94 -8.19	56.76 0.83 -7.00	55.69 0.83 -5.86	57.69 0.74 -7.74	57.71 0.62 -5.01	59.95 0.63 -7.09	62.50 0.62 -5.65	67.66 0.84 -2.01	74.86 0.56 -4.49	87.49 0.79 -7.64	79.04 0.70 -8.53	77.42 1.06 -10.39	62.10 0.79 -8.45	53.31 0.92 -6.26	48.87 0.67 -6.58	44.48 0.68 -5.81
LINDEN COGEN____ 23786	24.41 1.37 17.18	21.79 1.21 14.99	15.58 1.10 18.80	31.68 0.79 0.72	31.68 0.79 0.86	32.19 0.84 2.16	35.69 1.19 9.73	38.54 1.28 11.95	38.50 1.49 12.57	35.62 1.42 14.73	35.95 1.61 14.66	28.18 1.72 22.76	26.60 2.03 27.50	27.33 1.98 26.89	28.78 2.25 29.70	38.25 2.92 29.48	39.53 2.80 33.08	43.08 3.64 39.62	40.26 2.38 31.93	40.19 1.84 27.63	39.79 1.37 14.43	39.10 1.20 8.23	33.13 1.29 9.79	30.72 1.03 8.29
LINDHRST_69_KV_BK1 356055	41.47 1.25 0.00	36.39 0.82 0.00	34.22 0.93 0.00	31.96 0.35 0.00	32.19 0.44 0.00	34.32 0.80 0.00	44.97 0.75 0.01	49.02 0.49 0.68	48.51 0.79 1.87	48.46 0.69 1.15	45.73 0.88 4.15	44.47 1.08 5.83	45.24 1.35 8.18	45.47 1.31 8.07	51.03 1.57 6.78	55.77 2.14 11.18	62.54 2.16 9.45	70.47 3.24 11.83	63.01 1.95 8.76	60.59 1.45 6.83	48.93 1.00 4.92	45.19 0.88 1.81	42.10 0.71 0.24	39.56 1.06 -0.51
LIPA_MISC_IPP 23656	40.75 0.52 0.00	35.71 0.14 0.00	33.55 0.27 0.00	31.32 -0.28 0.00	31.56 -0.19 0.00	33.71 0.20 0.00	44.22 0.00 0.01	47.91 -0.49 0.81	47.03 -0.20 2.35	47.01 -0.24 1.67	44.06 0.05 4.98	42.44 0.15 6.92	42.72 0.36 9.72	43.02 0.37 9.58	48.61 0.51 8.13	52.39 0.91 13.32	59.37 0.91 11.35	66.65 1.58 13.99	59.85 0.49 10.46	57.96 0.07 8.08	46.99 -0.11 5.76	43.83 -0.09 2.20	41.09 -0.17 0.37	38.88 0.38 -0.51
LISF____SOLAR 323691	40.79 0.56 0.00	35.79 0.21 0.00	33.69 0.40 0.00	31.36 -0.25 0.00	31.59 -0.16 0.00	33.75 0.24 0.00	44.26 0.04 0.01	48.25 -0.15 0.81	47.14 -0.10 2.35	47.07 -0.19 1.67	44.02 0.00 4.97	42.50 0.20 6.91	42.84 0.47 9.70	43.19 0.52 9.57	48.73 0.62 8.12	52.60 1.10 13.30	59.46 0.98 11.33	66.59 1.50 13.96	59.94 0.56 10.44	58.11 0.20 8.06	47.21 0.11 5.75	44.02 0.09 2.20	41.34 0.08 0.37	38.91 0.42 -0.51
LITTLE FALLS____HYD 24013	40.16 -0.40 -0.33	35.43 -0.39 -0.25	33.19 -0.37 -0.27	31.47 -0.35 -0.20	31.63 -0.32 -0.19	34.29 -0.27 -1.05	45.04 -0.22 -1.04	49.89 -0.34 -1.03	50.01 -0.45 -0.87	49.24 -0.44 -0.75	49.17 -0.34 -0.51	49.79 -0.30 -0.87	51.82 -0.42 -0.17	52.34 -0.52 -0.63	56.04 -0.56 -0.37	64.29 -0.52 -0.37	68.84 -0.98 0.00	77.95 -1.11 0.00	68.64 -1.40 -0.22	64.93 -1.58 -0.54	52.13 -1.48 -0.75	45.25 -1.38 -0.51	41.04 -1.37 -0.78	37.26 -1.41 -0.68

LITTLRIV_115KV_TB1 356100	56.81 1.49 -15.10	48.12 1.35 -11.20	46.87 1.26 -12.32	42.06 1.20 -9.25	41.67 1.14 -8.77	81.48 1.41 -46.56	92.37 1.86 -46.29	97.21 1.92 -46.08	89.89 1.79 -38.52	83.45 1.57 -32.95	73.30 1.47 -22.83	89.06 1.48 -38.36	61.27 1.35 -7.85	81.80 1.46 -28.11	74.59 1.74 -16.61	67.01 1.88 -0.33	72.16 1.61 -0.74	81.34 1.03 -1.26	82.72 2.02 -10.87	93.30 2.31 -25.02	88.73 1.85 -34.03	71.07 1.80 -23.14	78.35 1.71 -35.01	69.89 1.44 -30.46
LI_NEWBRDGE___DRP 323616	41.03 0.80 0.00	36.07 0.50 0.00	33.89 0.60 0.00	31.74 0.13 0.00	31.94 0.19 0.00	33.98 0.47 0.00	44.48 0.27 0.01	48.38 0.05 0.88	47.33 0.35 2.60	47.34 0.34 1.94	44.04 0.49 5.44	42.33 0.64 7.52	42.33 0.83 10.57	42.60 0.78 10.42	48.31 0.96 8.88	51.72 1.43 14.51	58.80 1.40 12.41	66.17 2.29 15.18	59.54 1.12 11.39	57.87 0.66 8.77	46.95 0.32 6.22	43.94 0.23 2.42	41.47 0.29 0.45	39.07 0.57 -0.51
LOCKPORT_115KV_TB60_63_64 80432	42.00 0.52 -1.25	37.04 0.53 -0.93	34.72 0.67 -0.77	32.99 0.73 -0.65	33.02 0.60 -0.66	35.53 0.74 -1.27	45.90 0.04 -1.63	50.92 -0.15 -1.86	50.51 -0.94 -1.87	50.38 -0.15 -1.60	50.61 0.05 -1.57	50.35 -0.54 -1.67	53.98 0.00 -1.91	54.16 0.05 -1.87	57.67 -0.34 -1.77	64.15 -1.56 -0.90	70.44 -1.40 -2.01	80.59 -1.90 -3.43	72.78 -0.42 -3.38	69.72 0.20 -3.55	54.93 -0.16 -2.24	48.12 0.23 -1.76	42.96 0.00 -1.34	39.95 0.76 -1.20
LOCKPORT___CC1 323769	42.05 0.56 -1.26	36.83 0.32 -0.94	34.66 0.60 -0.77	33.02 0.76 -0.65	32.95 0.54 -0.66	35.56 0.77 -1.28	45.95 0.09 -1.64	50.34 -0.74 -1.86	50.57 -0.89 -1.88	50.38 -0.15 -1.60	50.37 -0.20 -1.57	50.55 -0.34 -1.68	54.19 0.21 -1.91	54.27 0.16 -1.88	57.73 -0.28 -1.78	64.41 -1.30 -0.90	70.51 -1.33 -2.02	80.52 -1.97 -3.44	73.20 0.00 -3.38	69.73 0.20 -3.56	54.99 -0.11 -2.24	48.21 0.33 -1.76	43.01 0.04 -1.34	39.99 0.80 -1.21
LOCKPORT___CC2 323770	42.05 0.56 -1.26	36.83 0.32 -0.94	34.66 0.60 -0.77	33.02 0.76 -0.65	32.95 0.54 -0.66	35.56 0.77 -1.28	45.95 0.09 -1.64	50.34 -0.74 -1.86	50.57 -0.89 -1.88	50.38 -0.15 -1.60	50.37 -0.20 -1.57	50.55 -0.34 -1.68	54.19 0.21 -1.91	54.27 0.16 -1.88	57.73 -0.28 -1.78	64.41 -1.30 -0.90	70.51 -1.33 -2.02	80.52 -1.97 -3.44	73.20 0.00 -3.38	69.73 0.20 -3.56	54.99 -0.11 -2.24	48.21 0.33 -1.76	43.01 0.04 -1.34	39.99 0.80 -1.21
LOCKPORT___CC3 323771	42.05 0.56 -1.26	36.83 0.32 -0.94	34.66 0.60 -0.77	33.02 0.76 -0.65	32.95 0.54 -0.66	35.56 0.77 -1.28	45.95 0.09 -1.64	50.34 -0.74 -1.86	50.57 -0.89 -1.88	50.38 -0.15 -1.60	50.37 -0.20 -1.57	50.55 -0.34 -1.68	54.19 0.21 -1.91	54.27 0.16 -1.88	57.73 -0.28 -1.78	64.41 -1.30 -0.90	70.51 -1.33 -2.02	80.52 -1.97 -3.44	73.20 0.00 -3.38	69.73 0.20 -3.56	54.99 -0.11 -2.24	48.21 0.33 -1.76	43.01 0.04 -1.34	39.99 0.80 -1.21
LOCUSVLY_69_KV_BK2 55797	41.59 1.37 0.00	36.57 1.00 0.00	34.32 1.03 0.00	32.18 0.57 0.00	32.38 0.63 0.00	34.39 0.87 0.00	45.15 0.93 0.00	49.46 0.64 0.39	49.51 0.94 1.02	49.65 0.93 0.21	48.04 1.08 2.03	47.38 1.23 3.07	49.30 1.51 4.28	49.47 1.46 4.23	54.62 1.74 3.35	61.41 2.33 5.73	67.59 2.37 4.60	76.04 3.32 6.34	67.39 2.02 4.46	63.82 1.52 3.67	51.04 1.00 2.81	46.09 0.78 0.83	42.58 0.83 -0.11	39.56 1.06 -0.51
LONG_LAKE_PHOENIX 24014	42.23 -0.20 -2.20	37.03 -0.18 -1.64	34.56 -0.17 -1.44	32.67 -0.13 -1.18	32.81 -0.13 -1.19	36.56 -0.07 -3.11	47.79 -0.04 -3.61	53.38 0.25 -3.93	53.53 0.10 -3.84	52.36 0.15 -3.28	52.07 0.15 -2.93	52.87 0.10 -3.56	55.07 0.05 -2.95	55.86 0.10 -3.52	59.26 0.00 -3.03	66.03 -0.06 -1.29	72.49 -0.21 -2.88	83.96 0.00 -4.91	74.85 -0.07 -5.10	71.78 0.07 -5.74	56.98 0.00 -4.13	49.27 0.00 -3.14	44.42 -0.08 -2.88	40.51 -0.04 -2.56
LOVETT___3 23632	41.39 1.17 0.00	36.60 1.03 0.00	34.22 0.93 0.00	32.30 0.70 0.00	32.48 0.73 0.00	34.25 0.74 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.87 1.29 0.00	51.04 1.22 -0.89	51.29 1.32 -0.97	51.50 1.43 -0.85	55.05 1.72 -1.26	55.08 1.62 -1.23	59.53 1.80 -1.50	69.13 2.33 -1.99	74.49 2.44 -2.23	84.02 3.48 -1.48	73.70 2.23 -1.65	68.53 1.72 -0.84	54.33 1.27 -0.21	47.75 1.06 -0.57	43.30 1.08 -0.59	39.42 0.95 -0.48
LOVETT___4 23642	41.39 1.17 0.00	36.60 1.03 0.00	34.22 0.93 0.00	32.30 0.70 0.00	32.48 0.73 0.00	34.25 0.74 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.87 1.29 0.00	51.04 1.22 -0.89	51.29 1.32 -0.97	51.50 1.43 -0.85	55.05 1.72 -1.26	55.08 1.62 -1.23	59.53 1.80 -1.50	69.13 2.33 -1.99	74.49 2.44 -2.23	84.02 3.48 -1.48	73.70 2.23 -1.65	68.53 1.72 -0.84	54.33 1.27 -0.21	47.75 1.06 -0.57	43.30 1.08 -0.59	39.42 0.95 -0.48
LOVETT___5 23593	41.39 1.17 0.00	36.60 1.03 0.00	34.22 0.93 0.00	32.30 0.70 0.00	32.48 0.73 0.00	34.25 0.74 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.87 1.29 0.00	51.04 1.22 -0.89	51.29 1.32 -0.97	51.50 1.43 -0.85	55.05 1.72 -1.26	55.08 1.62 -1.23	59.53 1.80 -1.50	69.13 2.33 -1.99	74.49 2.44 -2.23	84.02 3.48 -1.48	73.70 2.23 -1.65	68.53 1.72 -0.84	54.33 1.27 -0.21	47.75 1.06 -0.57	43.30 1.08 -0.59	39.42 0.95 -0.48
LOWER RAQUET___HYD 24057	55.62 1.25 -14.15	47.17 1.10 -10.49	45.85 1.03 -11.53	41.25 0.98 -8.66	40.92 0.95 -8.22	78.19 1.17 -43.51	88.95 1.46 -43.27	93.77 1.47 -43.08	87.11 1.49 -36.04	81.08 1.32 -30.83	71.75 1.37 -21.38	86.33 1.23 -35.88	60.59 1.10 -7.42	79.75 1.20 -26.32	73.23 1.41 -15.59	66.45 1.30 -0.35	71.66 1.05 -0.79	80.72 0.32 -1.35	81.18 1.05 -10.31	90.81 1.32 -23.52	85.77 1.06 -31.86	68.91 1.11 -21.68	75.61 1.25 -32.73	67.60 1.14 -28.48
LOWER___HUDSON 24059	40.67 0.44 0.00	36.03 0.46 0.00	33.69 0.40 0.00	31.99 0.38 0.00	32.16 0.41 0.00	33.88 0.37 0.00	44.89 0.66 0.00	51.02 0.89 -0.93	50.33 0.74 0.00	48.33 0.63 1.24	48.24 0.59 1.35	48.62 0.59 1.19	50.94 0.63 1.76	52.54 0.63 0.33	54.82 0.68 2.09	63.01 0.97 2.77	67.82 1.11 3.11	78.81 1.82 2.06	103.52 1.05 -32.65	96.47 0.79 -29.71	55.89 0.79 -2.24	46.07 0.74 0.79	41.52 0.71 0.82	37.81 0.49 0.67
LOWVILLE_115KV_TB2 356335	46.51 1.37 -4.91	40.46 1.25 -3.65	38.36 1.23 -3.84	35.71 1.17 -2.93	35.70 1.14 -2.81	48.35 1.44 -13.40	59.96 2.17 -13.57	65.43 2.56 -13.66	63.50 2.23 -11.68	60.88 1.96 -9.99	58.09 1.86 -7.24	62.49 1.77 -11.50	57.20 1.72 -3.42	62.77 1.67 -8.87	63.78 1.86 -5.69	67.90 2.40 -0.70	73.48 2.09 -1.56	84.33 2.61 -2.66	77.62 2.58 -5.21	78.15 3.03 -9.14	65.80 2.27 -10.68	55.67 2.12 -7.42	53.75 1.79 -10.33	48.52 1.52 -9.01
LUTHERFT_115KV_GLOB_FND_222 355753	41.15 0.93 0.00	36.43 0.85 0.00	34.12 0.83 0.00	32.40 0.79 0.00	32.57 0.83 0.00	34.32 0.80 0.00	45.46 1.24 0.00	51.18 1.53 -0.45	50.87 1.29 0.00	49.15 1.17 0.96	48.93 0.98 1.04	49.33 1.03 0.92	51.70 0.99 1.36	52.62 1.04 0.66	55.74 1.12 1.62	64.15 1.49 2.15	69.15 1.75 2.41	80.15 2.69 1.60	86.97 2.02 -15.13	81.59 1.58 -14.03	55.38 1.53 -1.00	46.85 1.34 0.61	42.20 1.21 0.63	38.42 0.95 0.52

LUTHERNY_35_KV_BK2 355980	41.19 0.97 0.00	36.43 0.85 0.00	34.15 0.87 0.00	32.43 0.82 0.00	32.57 0.83 0.00	34.35 0.84 0.00	45.51 1.28 0.00	51.23 1.57 -0.45	50.92 1.34 0.00	49.20 1.22 0.96	48.98 1.03 1.04	49.38 1.08 0.92	51.75 1.04 1.36	52.62 1.04 0.66	55.74 1.12 1.62	64.15 1.49 2.15	69.22 1.82 2.41	80.23 2.77 1.60	87.04 2.09 -15.13	81.59 1.58 -14.03	55.44 1.59 -1.00	46.90 1.38 0.61	42.24 1.25 0.63	38.45 0.99 0.52
LWR___OSWEGATCHIE_HYD 23850	51.68 1.33 -10.13	44.26 1.17 -7.51	42.61 1.17 -8.16	38.84 1.07 -6.16	38.66 1.05 -5.86	64.96 1.34 -30.11	76.17 1.86 -30.09	81.38 2.12 -30.06	76.76 1.88 -25.29	72.23 1.66 -21.63	65.76 1.57 -15.19	75.84 1.53 -25.10	59.30 1.41 -5.82	72.37 1.46 -18.67	69.19 1.63 -11.33	67.35 1.94 -0.60	72.57 1.40 -1.35	82.62 1.26 -2.30	79.87 1.68 -8.38	85.52 2.11 -17.43	77.07 1.64 -22.58	63.38 1.80 -15.46	66.06 1.62 -22.80	59.21 1.37 -19.86
LYONS_FALL_HYD 23570	44.79 1.17 -3.40	39.13 1.03 -2.52	36.96 1.03 -2.64	34.61 0.98 -2.02	34.67 0.99 -1.94	43.78 1.20 -9.06	55.25 1.81 -9.21	60.67 2.16 -9.30	59.51 1.93 -7.99	57.53 1.76 -6.84	55.65 1.67 -4.99	58.69 1.62 -7.86	56.10 1.56 -2.47	59.91 1.57 -6.11	61.89 1.69 -3.98	67.49 2.14 -0.55	73.01 1.95 -1.24	83.69 2.53 -2.11	76.00 2.38 -3.81	75.06 2.64 -6.44	62.20 2.01 -7.34	53.05 1.80 -5.12	50.15 1.50 -7.02	45.37 1.25 -6.13
MADISON___COUNTY_LFGE 323628	43.16 1.05 -1.89	37.90 0.92 -1.40	35.56 0.93 -1.34	33.56 0.89 -1.06	33.68 0.89 -1.04	38.34 1.07 -3.75	49.88 1.64 -4.02	55.51 2.12 -4.19	55.37 1.93 -3.85	53.98 1.76 -3.29	53.41 1.76 -2.65	54.62 1.72 -3.68	55.74 1.67 -2.00	57.17 1.72 -3.21	60.46 1.80 -2.43	67.75 2.20 -0.74	73.63 2.16 -1.65	84.55 2.69 -2.81	75.45 2.30 -3.33	72.85 2.57 -4.30	58.54 1.90 -3.78	50.50 1.61 -2.76	46.04 1.29 -3.12	41.87 1.14 -2.75
MALONE___115KV_TB1 356076	46.76 1.57 -4.96	40.64 1.39 -3.68	38.63 1.26 -4.08	35.84 1.17 -3.06	35.82 1.17 -2.89	50.52 1.37 -15.63	61.00 1.28 -15.50	65.69 1.08 -15.40	63.66 1.24 -12.84	60.99 1.08 -10.98	57.58 1.03 -7.55	63.11 1.08 -12.81	55.43 0.94 -2.43	62.58 1.04 -9.30	62.83 1.18 -5.42	65.91 1.10 0.00	70.93 1.12 0.00	79.61 0.55 0.00	74.69 1.61 -3.27	75.60 1.58 -8.04	65.38 1.27 -11.26	55.19 1.43 -7.63	54.88 1.54 -11.71	49.50 1.33 -10.18
MAPLEWOD_115KV_TB3 80458	40.23 0.00 0.00	35.61 0.04 0.00	33.25 -0.03 0.00	31.58 -0.03 0.00	31.75 0.00 0.00	33.51 0.00 0.00	44.27 0.04 0.00	48.79 0.10 0.52	49.63 0.05 0.00	48.03 -0.05 0.85	47.97 -0.10 0.92	48.35 -0.05 0.82	50.76 -0.10 1.21	50.23 -0.05 1.95	54.74 -0.06 1.43	63.03 0.13 1.90	67.89 0.21 2.13	78.43 0.79 1.42	48.82 0.07 21.07	47.74 -0.20 18.04	51.23 0.00 1.62	45.63 0.05 0.54	41.19 0.12 0.56	37.56 0.04 0.46
MAPLE_RIDGE_WT_1 323574	39.88 0.00 0.34	35.35 0.04 0.25	33.04 0.03 0.28	31.43 0.03 0.21	31.55 0.00 0.20	32.47 0.03 1.07	43.16 0.00 1.06	48.10 -0.05 1.06	48.71 0.00 0.87	48.18 0.00 0.75	48.48 0.00 0.51	48.34 0.00 0.87	51.85 -0.05 0.17	51.60 0.00 0.63	55.86 0.00 0.37	64.74 -0.06 0.00	69.75 -0.07 0.00	78.90 -0.16 0.00	69.52 -0.07 0.22	65.22 -0.20 0.55	51.76 -0.32 0.77	45.19 -0.42 0.52	40.33 -0.50 0.80	36.75 -0.53 0.70
MAPLE_RIDGE_WT_2 323611	39.88 0.00 0.34	35.35 0.04 0.25	33.04 0.03 0.28	31.43 0.03 0.21	31.55 0.00 0.20	32.47 0.03 1.07	43.16 0.00 1.06	48.10 -0.05 1.06	48.71 0.00 0.87	48.18 0.00 0.75	48.48 0.00 0.51	48.34 0.00 0.87	51.85 -0.05 0.17	51.60 0.00 0.63	55.86 0.00 0.37	64.74 -0.06 0.00	69.75 -0.07 0.00	78.90 -0.16 0.00	69.52 -0.07 0.22	65.22 -0.20 0.55	51.76 -0.32 0.77	45.19 -0.42 0.52	40.33 -0.50 0.80	36.75 -0.53 0.70
MARBLE_RIVER_WT_PWR 323696	42.64 1.37 -1.05	37.56 1.21 -0.78	35.18 1.03 -0.86	33.17 0.92 -0.64	33.25 0.89 -0.61	37.88 1.07 -3.30	47.40 -0.09 -3.27	51.57 -0.88 -3.25	51.65 -0.65 -2.71	50.52 -0.73 -2.32	50.64 0.05 -1.59	51.13 -0.79 -2.70	51.59 -0.99 -0.51	53.26 -0.94 -1.96	56.42 -0.96 -1.14	63.06 -1.75 0.00	68.28 -1.54 0.00	76.69 -2.37 0.00	69.25 -1.25 -0.69	66.28 -1.39 -1.70	53.75 -1.48 -2.37	46.68 -1.06 -1.61	44.43 0.33 -2.47	41.19 1.06 -2.15
MARSHVLE_115KV_TB1 80742	42.60 2.37 0.00	37.63 2.06 0.00	35.28 2.00 0.00	33.51 1.90 0.00	33.69 1.94 0.00	35.69 2.18 0.00	47.41 3.18 0.00	52.90 3.69 0.00	52.61 3.02 0.00	50.88 2.50 0.54	50.27 1.86 0.59	50.56 1.87 0.52	53.28 1.98 0.77	53.47 1.98 0.75	57.45 2.14 0.92	66.44 2.85 1.22	72.15 3.70 1.37	83.37 5.22 0.91	73.49 4.68 1.01	69.75 4.29 0.52	56.42 3.70 0.13	49.06 3.28 0.35	44.02 2.75 0.36	40.01 2.32 0.30
MARSH_HILL_WT_PWR 323713	43.59 1.73 -1.63	38.21 1.42 -1.22	35.82 1.53 -1.00	34.07 1.61 -0.85	34.10 1.49 -0.86	36.98 1.81 -1.66	48.43 2.08 -2.13	53.85 2.22 -2.42	54.01 1.99 -2.44	53.11 2.10 -2.08	52.80 1.76 -2.04	52.87 1.48 -2.18	56.33 1.77 -2.49	56.45 1.78 -2.44	60.11 1.57 -2.31	67.34 1.36 -1.17	74.25 1.81 -2.62	85.58 2.05 -4.47	77.28 3.07 -4.40	73.83 3.23 -4.63	57.88 2.12 -2.92	50.31 1.89 -2.29	44.66 1.29 -1.74	41.08 1.52 -1.57
MCINTYRE_115KV_TB2 80467	58.38 1.53 -16.62	49.25 1.35 -12.33	48.17 1.30 -13.58	43.04 1.23 -10.19	42.59 1.17 -9.67	86.43 1.44 -51.47	97.27 1.90 -51.14	102.07 1.97 -50.89	93.88 1.79 -42.52	86.77 1.47 -36.37	75.58 1.42 -25.16	92.95 1.38 -42.36	61.86 1.25 -8.54	84.62 1.41 -30.98	76.17 1.69 -18.26	66.98 1.88 -0.29	72.22 1.75 -0.66	81.44 1.26 -1.12	84.03 2.44 -11.77	96.17 2.77 -27.42	92.48 2.11 -37.51	73.51 1.89 -25.49	82.01 1.71 -38.67	73.07 1.44 -33.64
MECO_____69_KV_BK1 80468	42.60 2.37 0.00	37.63 2.06 0.00	35.32 2.03 0.00	33.51 1.90 0.00	33.69 1.94 0.00	35.69 2.18 0.00	47.45 3.23 0.00	52.90 3.69 0.00	52.56 2.98 0.00	50.78 2.45 0.60	50.15 1.81 0.65	50.36 1.72 0.58	52.94 1.72 0.85	53.08 1.67 0.83	57.13 1.91 1.01	66.12 2.66 1.34	71.87 3.56 1.51	83.43 5.38 1.00	73.66 4.96 1.11	69.76 4.35 0.57	56.57 3.86 0.14	49.07 3.32 0.38	44.06 2.83 0.40	40.02 2.36 0.33
MENANDS___115KV_TB5 355628	39.94 -0.28 0.00	35.39 -0.18 0.00	33.05 -0.23 0.00	31.39 -0.22 0.00	31.56 -0.19 0.00	33.28 -0.23 0.00	43.92 -0.31 0.00	48.39 -0.30 0.52	49.29 -0.30 0.00	47.69 -0.39 0.85	47.63 -0.44 0.92	48.06 -0.34 0.81	50.45 -0.42 1.20	49.92 -0.37 1.95	54.41 -0.39 1.43	62.65 -0.26 1.90	67.41 -0.28 2.13	77.80 0.16 1.41	48.08 -0.42 21.32	46.99 -0.73 18.26	50.79 -0.42 1.64	45.26 -0.32 0.54	40.90 -0.17 0.56	37.30 -0.23 0.46
MG INDUSTRY___DRP 24185	39.30 -0.93 0.00	34.79 -0.78 0.00	32.52 -0.77 0.00	30.88 -0.73 0.00	31.08 -0.67 0.00	32.74 -0.77 0.00	43.21 -1.02 0.00	47.84 -1.08 0.29	48.39 -1.19 0.00	47.18 -1.27 0.48	47.11 -1.37 0.52	47.43 -1.33 0.46	49.94 -1.46 0.68	49.68 -1.46 1.09	53.85 -1.57 0.80	61.55 -1.62 1.64	64.92 -1.61 3.29	77.00 -1.26 0.79	56.27 -1.68 11.87	54.03 -1.78 10.16	50.72 -1.22 0.91	44.81 -1.01 0.30	41.44 0.12 0.31	37.77 0.04 0.26

MID___OSWEGATCHIE_HYD 23849	51.68 1.33 -10.13	44.26 1.17 -7.51	42.61 1.17 -8.16	38.84 1.07 -6.16	38.66 1.05 -5.86	64.96 1.34 -30.11	76.17 1.86 -30.09	81.38 2.12 -30.06	76.76 1.88 -25.29	72.23 1.66 -21.63	65.76 1.57 -15.19	75.84 1.53 -25.10	59.30 1.41 -5.82	72.37 1.46 -18.67	69.19 1.63 -11.33	67.35 1.94 -0.60	72.57 1.40 -1.35	82.62 1.26 -2.30	79.87 1.68 -8.38	85.52 2.11 -17.43	77.07 1.64 -22.58	63.38 1.80 -15.46	66.06 1.62 -22.80	59.21 1.37 -19.86
MID___RAQUETTE_HYD 23851	55.62 1.25 -14.15	47.17 1.10 -10.49	45.85 1.03 -11.53	41.25 0.98 -8.66	40.92 0.95 -8.22	78.19 1.17 -43.51	88.95 1.46 -43.27	93.77 1.48 -43.08	87.11 1.49 -36.04	81.03 1.27 -30.83	71.60 1.22 -21.38	86.33 1.23 -35.88	60.58 1.09 -7.42	79.75 1.20 -26.32	73.23 1.41 -15.59	66.65 1.49 -0.35	71.65 1.05 -0.79	80.56 0.16 -1.35	81.18 1.05 -10.31	90.81 1.32 -23.52	85.82 1.11 -31.86	69.15 1.34 -21.68	75.73 1.37 -32.73	67.60 1.14 -28.48
MILLIKEN___1 23584	43.40 0.93 -2.25	38.06 0.82 -1.67	35.47 0.80 -1.38	33.57 0.79 -1.17	33.73 0.79 -1.19	36.70 0.90 -2.28	48.43 1.28 -2.92	54.16 1.62 -3.33	54.32 1.39 -3.35	53.11 1.32 -2.86	53.03 1.22 -2.81	53.29 1.08 -3.00	56.58 1.09 -3.42	56.68 1.10 -3.35	60.53 1.12 -3.17	67.78 1.36 -1.61	75.10 1.68 -3.61	87.41 2.21 -6.14	77.82 1.95 -6.04	74.51 2.18 -6.36	58.39 1.53 -4.01	50.61 1.34 -3.15	45.10 1.08 -2.39	41.17 1.03 -2.16
MILLIKEN___2 23585	43.40 0.93 -2.25	38.06 0.82 -1.67	35.47 0.80 -1.38	33.57 0.79 -1.17	33.73 0.79 -1.19	36.70 0.90 -2.28	48.43 1.28 -2.92	54.16 1.62 -3.33	54.32 1.39 -3.35	53.11 1.32 -2.86	53.03 1.22 -2.81	53.29 1.08 -3.00	56.58 1.09 -3.42	56.68 1.10 -3.35	60.53 1.12 -3.17	67.78 1.36 -1.61	75.10 1.68 -3.61	87.41 2.21 -6.14	77.82 1.95 -6.04	74.51 2.18 -6.36	58.39 1.53 -4.01	50.61 1.34 -3.15	45.10 1.08 -2.39	41.17 1.03 -2.16
MILLIKEN___DIESEL 23629	43.40 0.93 -2.25	38.06 0.82 -1.67	35.47 0.80 -1.38	33.57 0.79 -1.17	33.73 0.79 -1.19	36.70 0.90 -2.28	48.43 1.28 -2.92	54.16 1.62 -3.33	54.32 1.39 -3.35	53.11 1.32 -2.86	53.03 1.22 -2.81	53.29 1.08 -3.00	56.58 1.09 -3.42	56.68 1.10 -3.35	60.53 1.12 -3.17	67.78 1.36 -1.61	75.10 1.68 -3.61	87.41 2.21 -6.14	77.82 1.95 -6.04	74.51 2.18 -6.36	58.39 1.53 -4.01	50.61 1.34 -3.15	45.10 1.08 -2.39	41.17 1.03 -2.16
MILLSEAT___LFGE 323607	42.80 1.33 -1.25	37.46 0.96 -0.93	35.25 1.20 -0.77	33.52 1.27 -0.65	33.52 1.11 -0.66	36.19 1.41 -1.27	47.00 1.15 -1.63	51.75 0.69 -1.85	51.95 0.50 -1.87	51.75 1.22 -1.59	51.64 1.08 -1.56	51.87 0.98 -1.67	55.38 1.41 -1.90	55.62 1.52 -1.87	59.18 1.18 -1.77	66.29 0.58 -0.90	72.45 0.63 -2.01	83.03 0.56 -3.42	75.28 2.09 -3.36	71.69 2.17 -3.54	56.51 1.43 -2.23	49.40 1.52 -1.75	44.04 1.08 -1.33	40.74 1.56 -1.20
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	41.47 1.25 0.00	36.64 1.07 0.00	34.25 0.97 0.00	32.37 0.76 0.00	32.51 0.76 0.00	34.28 0.77 0.00	45.38 1.15 0.00	50.34 1.13 0.00	50.92 1.34 0.00	51.19 1.32 -0.93	51.43 1.42 -1.02	51.64 1.53 -0.90	55.22 1.82 -1.32	55.25 1.72 -1.29	59.71 1.91 -1.57	69.36 2.46 -2.09	74.74 2.58 -2.34	84.17 3.56 -1.55	73.85 2.30 -1.73	68.64 1.78 -0.89	54.40 1.32 -0.22	47.83 1.11 -0.59	43.37 1.12 -0.62	39.44 0.95 -0.51
MILLWOOD_13_KV_LOAD 356217	41.55 1.33 0.00	36.75 1.17 0.00	34.35 1.07 0.00	32.43 0.82 0.00	32.57 0.83 0.00	34.35 0.84 0.00	45.46 1.24 0.00	50.44 1.23 0.00	51.07 1.49 0.00	51.33 1.47 -0.93	51.58 1.57 -1.02	51.79 1.67 -0.90	55.37 1.98 -1.32	55.40 1.88 -1.29	59.88 2.08 -1.57	69.62 2.72 -2.09	74.95 2.79 -2.34	84.41 3.79 -1.55	73.99 2.44 -1.73	68.84 1.98 -0.89	54.56 1.48 -0.22	47.92 1.20 -0.59	43.45 1.21 -0.62	39.52 1.03 -0.51
MODEL_CITY_ENERGY 24167	41.64 0.16 -1.25	36.47 -0.04 -0.93	34.32 0.27 -0.77	32.70 0.44 -0.65	32.64 0.22 -0.66	35.22 0.43 -1.27	45.42 -0.44 -1.63	49.74 -1.33 -1.86	49.97 -1.49 -1.87	49.79 -0.73 -1.60	49.78 -0.79 -1.57	49.95 -0.94 -1.67	53.56 -0.42 -1.91	53.69 -0.42 -1.87	57.05 -0.96 -1.77	63.76 -1.94 -0.90	69.74 -2.09 -2.01	79.56 -2.92 -3.43	72.36 -0.83 -3.38	68.93 -0.59 -3.55	54.35 -0.74 -2.24	47.66 -0.23 -1.76	42.55 -0.42 -1.34	39.61 0.42 -1.20
MODERN_LFGE___ 323580	41.64 0.16 -1.25	36.47 -0.04 -0.93	34.32 0.27 -0.77	32.70 0.44 -0.65	32.64 0.22 -0.66	35.22 0.43 -1.27	45.42 -0.44 -1.63	49.74 -1.33 -1.86	49.97 -1.49 -1.87	49.79 -0.73 -1.60	49.78 -0.79 -1.57	49.95 -0.94 -1.67	53.56 -0.42 -1.91	53.69 -0.42 -1.87	57.05 -0.96 -1.77	63.76 -1.94 -0.90	69.74 -2.09 -2.01	79.56 -2.92 -3.43	72.36 -0.83 -3.38	68.93 -0.59 -3.55	54.35 -0.74 -2.24	47.66 -0.23 -1.76	42.55 -0.42 -1.34	39.61 0.42 -1.20
MOHAWK_PAPER___DRP 24187	40.23 0.00 0.00	35.61 0.04 0.00	33.25 -0.03 0.00	31.58 -0.03 0.00	31.75 0.00 0.00	33.51 0.00 0.00	44.27 0.04 0.00	48.79 0.10 0.52	49.63 0.05 0.00	48.03 -0.05 0.85	47.97 -0.10 0.92	48.35 -0.05 0.82	50.76 -0.10 1.21	50.23 -0.05 1.95	54.74 -0.06 1.43	63.03 0.13 1.90	67.89 0.21 2.13	78.43 0.79 1.42	48.82 0.07 21.07	47.74 -0.20 18.04	51.23 0.00 1.62	45.63 0.05 0.54	41.19 0.12 0.56	37.56 0.04 0.46
MOHICAN___35_KV_115KV_LD 80490	41.15 0.93 0.00	36.39 0.82 0.00	34.15 0.87 0.00	32.46 0.85 0.00	32.64 0.89 0.00	34.35 0.84 0.00	45.55 1.33 0.00	51.31 1.67 -0.42	50.92 1.34 0.00	49.12 1.13 0.94	48.85 0.88 1.02	49.25 0.94 0.90	51.57 0.83 1.33	52.40 0.84 0.67	55.54 0.90 1.58	64.00 1.30 2.11	69.06 1.61 2.36	80.26 2.77 1.57	86.23 2.16 -14.24	80.79 1.58 -13.23	55.48 1.69 -0.94	47.05 1.52 0.60	42.30 1.29 0.62	38.46 0.99 0.51
MONGAUP___HYD 23641	41.39 1.17 0.00	36.57 0.99 0.00	34.22 0.93 0.00	32.37 0.76 0.00	32.61 0.86 0.00	34.42 0.91 0.00	45.60 1.37 0.00	50.68 1.47 0.00	50.82 1.24 0.00	50.69 0.98 -0.78	50.68 0.83 -0.85	50.80 0.84 -0.75	54.22 1.04 -1.11	54.30 0.99 -1.08	58.67 1.12 -1.31	68.36 1.81 -1.74	73.80 2.03 -1.96	83.43 3.08 -1.30	73.50 2.23 -1.44	68.56 1.84 -0.74	54.73 1.69 -0.19	48.05 1.43 -0.50	43.56 1.42 -0.51	39.51 1.10 -0.42
MONTAUK___DIESEL 23721	40.95 0.72 0.00	35.89 0.32 0.00	33.89 0.60 0.00	31.64 0.03 0.00	31.97 0.22 0.00	34.25 0.74 0.00	44.79 0.57 0.01	48.55 0.15 0.81	47.78 0.55 2.35	48.04 0.78 1.67	45.34 1.32 4.98	43.87 1.57 6.92	44.34 1.98 9.71	44.75 2.09 9.58	50.52 2.42 8.12	54.53 3.05 13.32	61.54 3.07 11.35	68.64 3.56 13.98	61.04 1.68 10.45	58.69 0.79 8.07	47.36 0.26 5.75	44.20 0.28 2.20	41.26 0.00 0.37	39.26 0.76 -0.51
MOONROAD_115KV_HARTFLD_TB1-2 355988	43.65 2.13 -1.30	38.49 1.96 -0.97	36.05 1.96 -0.80	34.27 1.99 -0.67	34.31 1.87 -0.68	36.97 2.14 -1.32	48.30 2.39 -1.69	53.74 2.61 -1.92	53.40 2.59 -1.93	53.17 2.59 -1.65	53.31 2.69 -1.62	53.11 2.17 -1.73	56.96 2.92 -1.97	57.04 2.87 -1.93	60.70 2.64 -1.83	67.42 1.68 -0.93	74.27 2.37 -2.08	85.21 2.61 -3.54	76.86 3.56 -3.49	73.40 3.76 -3.67	57.49 2.33 -2.31	49.83 1.89 -1.81	44.09 1.08 -1.38	40.64 1.41 -1.24

MORRIS_RIDGE___SOLAR 323848	42.82 1.12 -1.47	37.56 0.89 -1.10	35.23 1.03 -0.91	33.51 1.14 -0.77	33.51 0.99 -0.78	36.25 1.24 -1.50	47.34 1.19 -1.92	52.38 0.98 -2.18	52.57 0.79 -2.20	51.88 1.08 -1.87	51.62 0.78 -1.84	51.62 0.44 -1.97	55.14 0.83 -2.24	55.22 0.78 -2.20	58.82 0.50 -2.08	65.93 0.06 -1.06	72.61 0.42 -2.37	83.64 0.56 -4.03	75.60 1.81 -3.97	72.12 1.98 -4.17	56.70 1.22 -2.63	49.39 1.20 -2.07	43.95 0.75 -1.57	40.54 1.14 -1.41
MORTIMER_115KV_TB3 55949	42.02 0.56 -1.23	36.99 0.50 -0.92	34.58 0.53 -0.76	32.79 0.54 -0.64	32.91 0.51 -0.65	35.40 0.64 -1.25	46.41 0.57 -1.61	51.73 0.69 -1.83	51.72 0.30 -1.84	51.33 0.83 -1.57	51.47 0.93 -1.54	51.50 0.64 -1.64	54.78 0.83 -1.88	55.07 0.99 -1.84	58.70 0.73 -1.74	66.01 0.32 -0.89	72.22 0.42 -1.98	83.06 0.63 -3.37	74.11 0.98 -3.32	70.65 1.19 -3.49	55.90 0.85 -2.20	48.64 0.78 -1.73	43.48 0.54 -1.31	39.93 0.76 -1.18
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	41.79 1.57 0.00	36.92 1.35 0.00	34.52 1.23 0.00	32.56 0.95 0.00	32.70 0.95 0.00	34.52 1.01 0.00	45.64 1.42 0.00	50.59 1.38 0.00	51.32 1.74 0.00	51.54 1.66 -0.94	51.83 1.81 -1.02	52.09 1.97 -0.90	55.70 2.29 -1.33	55.73 2.19 -1.30	60.29 2.47 -1.58	70.08 3.18 -2.10	75.39 3.21 -2.36	84.89 4.27 -1.57	74.42 2.86 -1.74	69.11 2.24 -0.89	54.72 1.64 -0.22	48.11 1.38 -0.60	43.66 1.42 -0.62	39.71 1.22 -0.51
MUNSVILLE_WIND_PWR 323609	44.74 2.93 -1.58	39.34 2.60 -1.18	36.82 2.56 -0.97	34.96 2.53 -0.82	35.03 2.44 -0.83	38.03 2.91 -1.60	50.52 4.25 -2.05	56.47 4.92 -2.34	56.45 4.51 -2.35	55.15 4.21 -2.01	54.79 3.82 -1.97	55.11 3.79 -2.10	58.32 3.85 -2.40	58.30 3.71 -2.35	62.45 3.99 -2.23	70.93 4.99 -1.13	77.80 5.45 -2.53	90.24 6.87 -4.31	80.42 6.35 -4.24	77.10 6.66 -4.47	60.58 4.92 -2.81	52.35 4.01 -2.21	46.56 3.25 -1.68	42.39 2.89 -1.51
N SALMON___HYD 24042	46.76 1.57 -4.96	40.64 1.39 -3.68	38.60 1.23 -4.08	35.84 1.17 -3.06	35.78 1.14 -2.89	50.52 1.37 -15.63	61.00 1.28 -15.50	65.69 1.08 -15.40	63.66 1.24 -12.84	61.04 1.13 -10.98	57.92 1.37 -7.55	63.11 1.08 -12.81	55.43 0.94 -2.43	62.58 1.04 -9.30	62.83 1.18 -5.42	65.59 0.78 0.00	70.93 1.11 0.00	79.69 0.63 0.00	74.69 1.61 -3.27	75.60 1.58 -8.04	65.12 1.00 -11.26	54.59 0.83 -7.63	54.54 1.21 -11.71	49.50 1.33 -10.18
N.AKRON__115KV_KNAPP 355671	43.01 1.53 -1.25	37.85 1.35 -0.93	35.45 1.40 -0.77	33.65 1.39 -0.65	33.71 1.30 -0.66	36.36 1.58 -1.27	47.27 1.42 -1.63	52.64 1.57 -1.85	52.24 0.79 -1.87	52.09 1.57 -1.59	52.18 1.62 -1.56	51.97 1.08 -1.67	55.48 1.51 -1.90	55.88 1.78 -1.87	59.46 1.46 -1.77	66.42 0.71 -0.90	72.80 0.98 -2.01	83.66 1.19 -3.42	75.35 2.16 -3.36	72.09 2.57 -3.54	56.83 1.74 -2.23	49.59 1.71 -1.75	44.25 1.29 -1.33	40.93 1.75 -1.20
N.E_GEN_SANDY PD 24062	40.59 0.36 0.00	36.00 0.43 0.00	33.62 0.33 0.00	31.86 0.25 0.00	32.07 0.32 0.00	33.72 0.20 0.00	44.67 0.44 0.00	50.00 0.59 -0.20	50.13 0.55 0.00	41.30 0.44 8.07	40.70 0.49 8.79	42.00 0.54 7.76	41.24 0.63 11.45	42.00 0.63 10.86	43.30 0.68 13.61	47.76 1.03 18.07	50.60 1.05 20.27	65.32 1.66 15.40	65.03 0.77 5.56	65.37 0.47 1.07	51.94 0.47 1.39	41.40 0.41 5.14	36.80 0.50 5.33	33.91 0.30 4.38
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	41.43 1.21 0.00	36.64 1.07 0.00	34.25 0.97 0.00	32.37 0.76 0.00	32.51 0.76 0.00	34.32 0.80 0.00	45.42 1.19 0.00	50.39 1.18 0.00	50.97 1.39 0.00	51.13 1.32 -0.88	51.33 1.37 -0.96	51.54 1.48 -0.85	55.09 1.77 -1.25	55.12 1.67 -1.22	59.57 1.86 -1.48	69.17 2.40 -1.97	74.54 2.51 -2.21	84.08 3.56 -1.47	73.75 2.30 -1.63	68.66 1.85 -0.84	54.44 1.37 -0.21	47.84 1.15 -0.56	43.38 1.17 -0.58	39.45 0.99 -0.48
N.QUEENS_27_KV_LOAD 356247	42.16 1.93 -0.01	37.25 1.67 -0.01	34.86 1.56 -0.01	32.79 1.17 -0.01	32.93 1.17 -0.01	34.65 1.14 0.00	45.46 1.24 0.00	50.26 0.98 -0.07	51.57 1.39 -0.60	51.89 1.42 -1.54	51.64 1.62 -1.02	51.94 1.82 -0.90	55.49 2.08 -1.33	55.57 2.04 -1.30	60.18 2.36 -1.58	69.96 3.05 -2.10	75.11 2.93 -2.36	84.42 3.79 -1.57	74.01 2.44 -1.74	68.71 1.85 -0.89	54.35 1.27 -0.22	47.97 1.25 -0.60	44.00 1.75 -0.62	39.99 1.48 -0.52
N.TROY___115KV_TB1 355778	40.67 0.44 0.00	36.00 0.43 0.00	33.69 0.40 0.00	31.99 0.38 0.00	32.13 0.38 0.00	33.88 0.37 0.00	44.89 0.66 0.00	50.97 0.84 -0.93	50.33 0.74 0.00	48.33 0.64 1.24	48.24 0.59 1.35	48.67 0.64 1.19	50.94 0.62 1.76	52.54 0.63 0.33	54.82 0.67 2.09	63.01 0.97 2.77	67.90 1.19 3.11	78.89 1.90 2.06	103.59 1.12 -32.65	96.47 0.79 -29.71	55.84 0.74 -2.24	46.03 0.69 0.79	41.48 0.67 0.82	37.81 0.49 0.67
NARROWS_GT1_1 24228	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.35 2.17 -2.37	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
NARROWS_GT1_2 24229	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.35 2.17 -2.37	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
NARROWS_GT1_3 24230	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.35 2.17 -2.37	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
NARROWS_GT1_4 24231	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.35 2.17 -2.37	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
NARROWS_GT1_5 24232	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.35 2.17 -2.37	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51

NARROWS_GT1_6 24233	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.35 2.17 -2.37	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
NARROWS_GT1_7 24234	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.35 2.17 -2.37	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
NARROWS_GT1_8 24235	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.35 2.17 -2.37	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
NARROWS_GT2_1 24236	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.36 2.17 -2.38	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
NARROWS_GT2_2 24237	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.36 2.17 -2.38	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
NARROWS_GT2_3 24238	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.36 2.17 -2.38	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
NARROWS_GT2_4 24239	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.36 2.17 -2.38	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
NARROWS_GT2_5 24240	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.36 2.17 -2.38	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
NARROWS_GT2_6 24241	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.36 2.17 -2.38	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
NARROWS_GT2_7 24242	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.36 2.17 -2.38	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
NARROWS_GT2_8 24243	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.36 2.17 -2.38	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.98 -0.24 0.00	35.36 -0.21 0.00	33.05 -0.23 0.00	31.42 -0.19 0.00	31.69 -0.06 0.00	33.45 -0.07 0.00	44.18 -0.04 0.00	49.26 0.34 0.29	49.24 -0.35 0.00	48.27 -0.29 0.37	47.96 -0.64 0.40	48.22 -0.64 0.35	50.82 -0.73 0.52	50.61 -0.68 0.94	54.88 -0.73 0.62	62.64 -0.45 1.71	65.64 0.00 4.17	79.32 0.87 0.61	58.66 0.56 11.72	56.00 0.13 10.10	52.44 0.48 0.89	46.26 0.37 0.23	42.18 0.79 0.24	38.32 0.53 0.20
NCHELSEA_115KV_TR2 355582	41.47 1.25 0.00	36.64 1.07 0.00	34.25 0.97 0.00	32.43 0.82 0.00	32.64 0.89 0.00	34.39 0.87 0.00	45.51 1.28 0.00	50.54 1.33 0.00	50.97 1.39 0.00	50.95 1.32 -0.70	51.03 1.27 -0.76	51.27 1.38 -0.67	54.73 1.67 -1.00	54.77 1.57 -0.97	59.10 1.69 -1.18	68.64 2.27 -1.57	74.02 2.44 -1.76	83.70 3.48 -1.17	73.42 2.30 -1.30	68.49 1.85 -0.67	54.55 1.53 -0.17	47.87 1.29 -0.45	43.38 1.29 -0.46	39.43 1.06 -0.38
NEG CAPITAL___MECHNVIL 23645	41.19 0.96 0.00	36.46 0.89 0.00	34.15 0.86 0.00	32.43 0.82 0.00	32.61 0.86 0.00	34.35 0.84 0.00	45.55 1.33 0.00	51.41 1.62 -0.58	50.97 1.39 0.00	49.14 1.27 1.06	48.96 1.13 1.16	49.33 1.13 1.02	51.70 1.14 1.51	52.78 1.15 0.60	55.67 1.24 1.79	64.10 1.68 2.38	69.03 1.89 2.67	80.13 2.84 1.77	92.01 2.17 -20.02	86.18 1.78 -18.42	55.84 1.64 -1.34	46.92 1.48 0.68	42.22 1.29 0.70	38.43 1.03 0.58
NEG CENTRAL_HIGH_ACRES 23767	41.24 -0.36 -1.38	36.17 -0.43 -1.03	33.87 -0.27 -0.85	32.11 -0.22 -0.72	32.22 -0.26 -0.73	34.78 -0.13 -1.40	45.66 -0.36 -1.79	50.76 -0.49 -2.04	51.05 -0.59 -2.06	50.59 -0.10 -1.75	50.57 -0.15 -1.73	50.91 -0.15 -1.84	54.01 -0.16 -2.10	54.29 0.00 -2.06	57.90 -0.28 -1.95	65.15 -0.65 -0.99	71.26 -0.77 -2.21	81.96 -0.87 -3.77	73.32 -0.21 -3.71	69.75 -0.13 -3.90	55.05 -0.26 -2.46	47.92 -0.14 -1.93	42.81 -0.29 -1.47	39.23 -0.08 -1.32



NEG CENTRAL___DRP 24199	43.84 0.93 -2.68	38.50 0.92 -2.00	35.83 0.90 -1.65	33.89 0.89 -1.40	34.09 0.92 -1.42	37.35 1.11 -2.73	49.09 1.37 -3.49	55.55 2.36 -3.98	55.62 2.03 -4.01	54.40 2.06 -3.41	54.31 1.96 -3.36	54.47 1.67 -3.58	57.82 1.67 -4.09	58.02 1.78 -4.01	61.82 1.80 -3.79	68.74 2.01 -1.93	76.50 2.37 -4.31	88.53 2.13 -7.34	79.21 2.16 -7.22	76.02 2.44 -7.60	59.33 1.69 -4.79	51.32 1.43 -3.76	45.61 1.12 -2.86	41.66 1.10 -2.58
NEG CENTRAL___INDECK 23768	43.84 2.17 -1.44	38.39 1.74 -1.08	35.97 1.80 -0.89	34.16 1.80 -0.75	34.26 1.75 -0.76	37.09 2.11 -1.47	48.71 2.61 -1.88	54.10 2.75 -2.14	54.17 2.43 -2.16	53.31 2.54 -1.84	52.96 2.15 -1.81	53.01 1.87 -1.93	56.30 2.03 -2.20	56.69 2.30 -2.16	60.46 2.19 -2.04	68.17 2.33 -1.04	75.07 2.93 -2.32	86.64 3.64 -3.95	78.24 4.54 -3.89	74.61 4.55 -4.09	58.76 3.33 -2.58	51.06 2.91 -2.02	45.41 2.25 -1.54	41.69 2.32 -1.39
NEG CENTRAL___SENECA 23627	44.03 1.45 -2.36	38.79 1.46 -1.76	36.17 1.43 -1.45	34.26 1.42 -1.23	34.42 1.43 -1.25	37.59 1.68 -2.40	49.38 2.08 -3.07	56.40 3.69 -3.50	56.33 3.22 -3.52	55.11 3.18 -3.00	54.99 3.04 -2.95	55.02 2.66 -3.15	58.42 2.76 -3.59	58.68 2.93 -3.52	62.49 2.92 -3.34	69.87 3.37 -1.70	77.45 3.84 -3.79	88.67 3.16 -6.45	79.45 3.28 -6.35	76.35 3.69 -6.68	59.65 2.59 -4.21	51.60 2.17 -3.31	45.85 1.71 -2.51	41.92 1.67 -2.26
NEG CENTRAL___STATE_STREET 24147	43.47 0.44 -2.81	38.05 0.39 -2.09	35.41 0.40 -1.72	33.48 0.41 -1.46	33.64 0.41 -1.48	36.90 0.54 -2.85	48.63 0.75 -3.65	54.45 1.08 -4.16	54.61 0.84 -4.19	53.38 0.88 -3.57	53.34 0.83 -3.51	53.65 0.69 -3.74	56.97 0.62 -4.27	57.10 0.68 -4.19	60.82 0.62 -3.97	67.53 0.71 -2.02	75.23 0.91 -4.51	87.91 1.19 -7.67	78.42 1.05 -7.55	75.24 1.32 -7.95	58.76 0.90 -5.01	50.84 0.78 -3.93	45.20 0.58 -2.99	41.25 0.57 -2.69
NEG MILLWOOD___DRP 24198	41.71 1.49 0.00	36.85 1.28 0.00	34.45 1.17 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.49 0.97 0.00	45.68 1.46 0.00	50.74 1.53 0.00	51.27 1.69 0.00	51.40 1.66 -0.80	51.63 1.76 -0.87	51.81 1.82 -0.77	55.39 2.19 -1.14	55.43 2.09 -1.11	59.83 2.25 -1.35	69.45 2.85 -1.79	74.83 3.00 -2.01	84.50 4.11 -1.34	74.03 2.72 -1.49	68.98 2.24 -0.76	54.79 1.74 -0.19	48.07 1.43 -0.51	43.57 1.42 -0.53	39.60 1.18 -0.43
NEG NORTH_FLCN_SEA 23793	42.64 1.37 -1.05	37.52 1.17 -0.78	35.18 1.03 -0.86	33.20 0.95 -0.64	33.28 0.92 -0.61	37.92 1.11 -3.30	47.23 -0.27 -3.27	51.27 -1.18 -3.25	51.35 -0.94 -2.71	50.22 -1.03 -2.32	49.51 -1.08 -1.59	50.84 -1.08 -2.70	51.28 -1.30 -0.51	52.94 -1.25 -1.96	56.08 -1.29 -1.14	63.05 -1.75 0.00	67.86 -1.95 0.00	76.21 -2.85 0.00	69.04 -1.47 -0.69	66.09 -1.58 -1.70	54.33 -0.90 -2.37	48.29 0.55 -1.61	45.59 1.50 -2.47	41.42 1.29 -2.15
NEG NORTH_KES_CHATEGAY 23792	43.26 1.01 -2.03	37.96 0.89 -1.50	35.72 0.77 -1.67	33.55 0.70 -1.25	33.63 0.70 -1.18	40.74 0.84 -6.39	50.95 0.40 -6.33	55.50 0.00 -6.29	54.98 0.15 -5.25	53.42 0.00 -4.49	52.03 -0.05 -3.09	54.40 -0.05 -5.24	52.91 -0.16 -0.99	55.93 -0.10 -3.80	58.44 0.00 -2.21	64.55 -0.26 0.00	69.54 -0.28 0.00	78.11 -0.95 0.00	71.29 0.14 -1.33	69.33 0.07 -3.29	57.61 0.16 -4.60	49.84 0.60 -3.12	47.33 0.92 -4.78	42.90 0.76 -4.16
NEG NORTH___ALICE_FALLS 23915	43.02 1.57 -1.22	37.87 1.39 -0.91	35.49 1.20 -1.01	33.47 1.11 -0.75	33.54 1.08 -0.71	38.68 1.31 -3.85	48.44 0.40 -3.82	52.71 -0.30 -3.80	52.65 -0.10 -3.17	51.45 -0.20 -2.71	50.57 -0.29 -1.86	52.13 -0.25 -3.16	52.25 -0.42 -0.60	54.17 -0.37 -2.30	57.23 -0.34 -1.34	64.16 -0.65 0.00	69.19 -0.63 0.00	77.71 -1.34 0.00	70.62 0.00 -0.81	67.82 -0.13 -1.98	55.68 0.05 -2.78	48.98 0.97 -1.88	46.10 1.58 -2.89	41.90 1.41 -2.51
NEG NORTH___LWR_SARANAC 23913	43.02 1.57 -1.22	37.87 1.39 -0.91	35.49 1.20 -1.01	33.47 1.11 -0.75	33.54 1.08 -0.71	38.68 1.31 -3.85	48.44 0.40 -3.82	52.71 -0.30 -3.80	52.65 -0.10 -3.17	51.45 -0.20 -2.71	50.57 -0.29 -1.86	52.13 -0.25 -3.16	52.25 -0.42 -0.60	54.17 -0.37 -2.30	57.23 -0.34 -1.34	64.16 -0.65 0.00	69.19 -0.63 0.00	77.71 -1.34 0.00	70.62 0.00 -0.81	67.82 -0.13 -1.98	55.68 0.05 -2.78	48.98 0.97 -1.88	46.10 1.58 -2.89	41.90 1.41 -2.51
NEG NORTH___PLATTSBURG 23628	43.02 1.57 -1.22	37.83 1.35 -0.91	35.49 1.20 -1.01	33.47 1.11 -0.75	33.54 1.08 -0.71	38.67 1.31 -3.85	48.44 0.40 -3.82	52.71 -0.29 -3.80	52.65 -0.10 -3.17	51.45 -0.19 -2.71	51.30 0.44 -1.86	52.13 -0.24 -3.16	52.25 -0.42 -0.60	54.17 -0.36 -2.30	57.23 -0.34 -1.34	63.83 -0.97 0.00	69.19 -0.63 0.00	77.87 -1.18 0.00	70.55 -0.07 -0.81	67.82 -0.13 -1.98	55.15 -0.48 -2.78	47.73 -0.28 -1.88	45.30 0.79 -2.89	41.90 1.41 -2.51
NEG WEST_LEA_LOCKPORT 23791	42.05 0.56 -1.26	37.08 0.57 -0.94	34.73 0.67 -0.77	33.02 0.76 -0.65	33.05 0.63 -0.66	35.56 0.77 -1.28	45.95 0.09 -1.64	50.97 -0.10 -1.86	50.57 -0.89 -1.88	50.38 -0.15 -1.60	50.67 0.10 -1.57	50.35 -0.54 -1.68	54.04 0.05 -1.91	54.22 0.10 -1.88	57.73 -0.28 -1.78	64.22 -1.49 -0.90	70.44 -1.40 -2.02	80.68 -1.82 -3.44	72.78 -0.42 -3.38	69.73 0.20 -3.56	54.94 -0.16 -2.24	48.12 0.23 -1.76	42.97 0.00 -1.34	39.99 0.80 -1.21
NEG WEST___LANCASTR 23811	42.09 0.56 -1.30	37.11 0.57 -0.97	34.72 0.63 -0.80	33.01 0.73 -0.68	33.04 0.60 -0.69	35.61 0.77 -1.32	46.41 0.49 -1.69	51.83 0.69 -1.93	51.52 0.00 -1.94	51.17 0.59 -1.65	51.31 0.69 -1.63	51.10 0.15 -1.73	54.83 0.78 -1.98	54.85 0.68 -1.94	58.41 0.34 -1.84	65.03 -0.71 -0.93	71.70 -0.21 -2.09	82.53 -0.08 -3.56	74.37 1.05 -3.50	71.17 1.52 -3.68	55.97 0.79 -2.32	48.73 0.78 -1.82	43.39 0.37 -1.39	39.96 0.72 -1.25
NEG_PENN_ALLEGHNY 23528	42.52 0.72 -1.57	37.35 0.60 -1.17	34.88 0.63 -0.97	33.06 0.63 -0.82	33.18 0.60 -0.83	35.82 0.70 -1.60	47.20 0.93 -2.05	52.58 1.04 -2.33	52.87 0.94 -2.35	51.96 1.03 -2.00	51.89 0.93 -1.97	52.20 0.89 -2.10	55.51 1.04 -2.39	55.57 0.99 -2.35	59.35 0.90 -2.22	66.91 0.97 -1.13	73.46 1.11 -2.53	84.78 1.42 -4.30	75.52 1.47 -4.23	71.95 1.52 -4.46	56.77 1.11 -2.81	49.34 1.01 -2.20	44.09 0.79 -1.68	40.33 0.83 -1.51
NEG___GEN_MONROE 24207	42.22 0.76 -1.23	37.20 0.71 -0.92	34.78 0.73 -0.76	32.98 0.73 -0.64	33.07 0.67 -0.65	35.60 0.84 -1.25	46.54 0.71 -1.61	51.78 0.74 -1.83	51.67 0.25 -1.84	51.33 0.83 -1.57	51.52 0.98 -1.54	51.45 0.59 -1.65	54.78 0.83 -1.88	55.07 0.99 -1.84	58.65 0.67 -1.74	65.95 0.26 -0.89	72.15 0.35 -1.98	82.90 0.47 -3.37	74.12 0.98 -3.32	70.85 1.39 -3.49	55.95 0.90 -2.20	48.73 0.88 -1.73	43.61 0.67 -1.31	40.20 1.03 -1.18
NEPA___ENERGY 23901	42.85 1.33 -1.30	37.82 1.28 -0.97	35.38 1.30 -0.80	33.61 1.33 -0.67	33.67 1.24 -0.68	36.27 1.44 -1.32	47.29 1.37 -1.69	52.56 1.43 -1.92	52.21 0.69 -1.94	51.85 1.27 -1.65	51.94 1.32 -1.62	51.73 0.79 -1.73	55.50 1.46 -1.97	55.48 1.31 -1.94	59.08 1.01 -1.83	65.87 0.13 -0.93	72.67 0.77 -2.08	83.71 1.11 -3.55	75.33 2.02 -3.49	72.09 2.44 -3.67	56.70 1.53 -2.32	49.33 1.38 -1.82	43.88 0.87 -1.38	40.56 1.33 -1.25

NEVERSINK___HYD 23608	41.39 1.17 0.00	36.57 0.99 0.00	34.22 0.93 0.00	32.40 0.79 0.00	32.61 0.86 0.00	34.42 0.91 0.00	45.60 1.37 0.00	50.74 1.53 0.00	50.97 1.39 0.00	50.72 1.22 -0.57	50.69 1.08 -0.62	50.84 1.08 -0.55	54.23 1.35 -0.81	54.27 1.25 -0.79	58.60 1.41 -0.96	68.09 2.07 -1.21	73.23 2.23 -1.18	83.17 3.17 -0.95	73.11 2.23 -1.06	68.43 1.91 -0.54	54.68 1.69 -0.14	47.92 1.43 -0.36	43.42 1.42 -0.38	39.40 1.10 -0.31
NEWKRMKL_115KV_TB1 55635	39.74 -0.48 0.00	35.18 -0.39 0.00	32.85 -0.43 0.00	31.20 -0.41 0.00	31.40 -0.35 0.00	33.15 -0.37 0.00	43.65 -0.57 0.00	48.25 -0.54 0.42	48.99 -0.60 0.00	47.49 -0.69 0.76	47.44 -0.73 0.82	47.85 -0.64 0.73	50.27 -0.73 1.07	49.83 -0.73 1.67	54.22 -0.73 1.28	62.40 -0.71 1.70	67.22 -0.70 1.90	77.48 -0.32 1.26	51.75 -0.84 17.23	50.15 -1.12 14.71	50.83 -0.69 1.33	45.04 -0.60 0.48	40.75 -0.37 0.50	37.16 -0.42 0.41
NEWTON___FALLS_HYD 23847	51.68 1.33 -10.13	44.26 1.17 -7.51	42.61 1.17 -8.16	38.84 1.07 -6.16	38.66 1.05 -5.86	64.96 1.34 -30.11	76.17 1.86 -30.09	81.38 2.12 -30.06	76.76 1.88 -25.29	72.23 1.66 -21.63	65.76 1.57 -15.19	75.84 1.53 -25.10	59.30 1.41 -5.82	72.37 1.46 -18.67	69.19 1.63 -11.33	67.35 1.94 -0.60	72.57 1.40 -1.35	82.62 1.26 -2.30	79.87 1.68 -8.38	85.52 2.11 -17.43	77.07 1.64 -22.58	63.38 1.80 -15.46	66.06 1.62 -22.80	59.21 1.37 -19.86
NGRID_A1_DSASP 323792	41.87 0.40 -1.25	36.72 0.21 -0.93	34.62 0.57 -0.77	32.98 0.73 -0.65	32.91 0.51 -0.66	35.41 0.64 -1.27	45.14 -0.71 -1.62	49.33 -1.72 -1.85	49.61 -1.83 -1.86	49.44 -1.08 -1.59	49.48 -1.08 -1.56	49.65 -1.23 -1.66	53.24 -0.73 -1.90	53.31 -0.78 -1.86	56.70 -1.29 -1.76	63.11 -2.59 -0.90	69.02 -2.79 -2.00	78.75 -3.71 -3.41	71.57 -1.60 -3.35	68.18 -1.32 -3.53	53.91 -1.16 -2.22	47.37 -0.51 -1.75	42.21 -0.75 -1.33	39.87 0.68 -1.20
NGRID_A2_DSASP 323793	41.87 0.40 -1.25	36.72 0.21 -0.93	34.62 0.57 -0.77	32.98 0.73 -0.65	32.91 0.51 -0.66	35.41 0.64 -1.27	45.14 -0.71 -1.62	49.33 -1.72 -1.85	49.61 -1.83 -1.86	49.44 -1.08 -1.59	49.48 -1.08 -1.56	49.65 -1.23 -1.66	53.24 -0.73 -1.90	53.31 -0.78 -1.86	56.70 -1.29 -1.76	63.11 -2.59 -0.90	69.02 -2.79 -2.00	78.75 -3.71 -3.41	71.57 -1.60 -3.35	68.18 -1.32 -3.53	53.91 -1.16 -2.22	47.37 -0.51 -1.75	42.21 -0.75 -1.33	39.87 0.68 -1.20
NGRID_A4_DSASP 323807	41.87 0.40 -1.25	36.72 0.21 -0.93	34.62 0.57 -0.77	32.98 0.73 -0.65	32.91 0.51 -0.66	35.41 0.64 -1.27	45.14 -0.71 -1.62	49.33 -1.72 -1.85	49.61 -1.83 -1.86	49.44 -1.08 -1.59	49.48 -1.08 -1.56	49.65 -1.23 -1.66	53.24 -0.73 -1.90	53.31 -0.78 -1.86	56.70 -1.29 -1.76	63.11 -2.59 -0.90	69.02 -2.79 -2.00	78.75 -3.71 -3.41	71.57 -1.60 -3.35	68.18 -1.32 -3.53	53.91 -1.16 -2.22	47.37 -0.51 -1.75	42.21 -0.75 -1.33	39.87 0.68 -1.20
NIAGARA_115E_LBMP 323715	41.40 -0.08 -1.25	36.29 -0.21 -0.93	34.16 0.10 -0.77	32.55 0.28 -0.65	32.48 0.06 -0.66	35.02 0.24 -1.27	45.20 -0.66 -1.63	49.45 -1.62 -1.86	49.67 -1.78 -1.87	49.50 -1.03 -1.60	49.49 -1.08 -1.57	49.66 -1.23 -1.67	53.25 -0.73 -1.91	53.38 -0.73 -1.87	56.71 -1.29 -1.77	63.38 -2.33 -0.90	69.32 -2.51 -2.01	79.09 -3.40 -3.43	71.94 -1.25 -3.38	68.47 -1.06 -3.55	53.98 -1.11 -2.24	47.38 -0.51 -1.76	42.34 -0.62 -1.34	39.42 0.23 -1.20
NIAGARA_115W_LBMP 323714	41.83 0.36 -1.25	36.64 0.14 -0.93	34.55 0.50 -0.76	32.95 0.69 -0.65	32.85 0.44 -0.66	35.38 0.60 -1.26	45.01 -0.84 -1.62	49.24 -1.82 -1.85	49.46 -1.98 -1.86	49.29 -1.22 -1.58	49.33 -1.22 -1.56	49.50 -1.38 -1.66	53.08 -0.89 -1.90	53.15 -0.94 -1.86	56.53 -1.46 -1.76	62.98 -2.72 -0.90	68.82 -3.00 -2.00	78.51 -3.95 -3.41	71.35 -1.82 -3.35	67.99 -1.51 -3.53	53.76 -1.32 -2.22	47.23 -0.65 -1.75	42.08 -0.88 -1.33	39.79 0.61 -1.20
NIAGARA_230_LBMP 323716	41.78 0.32 -1.24	36.60 0.11 -0.92	34.48 0.43 -0.76	32.85 0.60 -0.64	32.78 0.38 -0.65	35.34 0.57 -1.26	45.62 -0.22 -1.61	49.91 -1.13 -1.83	50.14 -1.29 -1.85	49.92 -0.58 -1.57	49.96 -0.59 -1.55	50.13 -0.74 -1.65	53.75 -0.21 -1.88	53.82 -0.26 -1.85	57.25 -0.73 -1.75	63.88 -1.81 -0.89	69.92 -1.88 -1.99	79.83 -2.61 -3.38	72.52 -0.63 -3.33	69.02 -0.46 -3.50	54.48 -0.58 -2.21	47.81 -0.05 -1.73	42.66 -0.29 -1.32	39.74 0.57 -1.19
NIAGARA___115KV_198_GIBSON 55903	41.83 0.36 -1.25	36.93 0.43 -0.93	34.65 0.60 -0.76	32.95 0.70 -0.65	32.95 0.54 -0.66	35.38 0.60 -1.26	45.01 -0.84 -1.62	49.82 -1.23 -1.85	49.46 -1.98 -1.86	49.29 -1.22 -1.58	49.62 -0.93 -1.56	49.30 -1.57 -1.66	52.98 -0.99 -1.90	53.10 -0.99 -1.86	56.53 -1.46 -1.76	62.72 -2.98 -0.90	68.95 -2.86 -2.00	78.59 -3.87 -3.41	70.94 -2.23 -3.35	67.98 -1.52 -3.53	53.75 -1.32 -2.22	47.13 -0.74 -1.75	42.08 -0.87 -1.33	39.79 0.61 -1.20
NIAGARA____ 23760	41.80 0.32 -1.25	36.61 0.11 -0.93	34.49 0.43 -0.77	32.86 0.60 -0.65	32.79 0.38 -0.66	35.36 0.57 -1.27	45.63 -0.22 -1.63	49.93 -1.13 -1.85	50.16 -1.29 -1.86	49.93 -0.58 -1.59	49.97 -0.59 -1.56	50.14 -0.74 -1.66	53.76 -0.21 -1.90	53.84 -0.26 -1.86	57.26 -0.73 -1.76	63.89 -1.81 -0.89	69.93 -1.88 -2.00	79.85 -2.61 -3.40	72.54 -0.63 -3.35	69.04 -0.46 -3.53	54.49 -0.58 -2.22	47.83 -0.05 -1.75	42.67 -0.29 -1.33	39.76 0.57 -1.20
NINE_MILE_1 23575	22.56 -0.92 16.74	22.24 -0.85 12.47	22.24 -0.76 10.28	22.18 -0.73 8.70	22.18 -0.73 8.84	15.77 -0.74 17.00	21.45 -0.97 21.80	23.32 -1.08 24.81	23.46 -1.14 24.99	26.60 -1.03 21.30	26.96 -1.08 20.95	25.80 -1.08 22.33	25.44 -1.15 25.48	26.09 -1.15 25.00	31.27 -1.29 23.67	51.21 -1.56 12.03	41.25 -1.68 26.89	31.46 -1.82 45.78	23.16 -1.60 45.06	17.11 -1.45 47.42	21.81 -1.16 29.88	21.69 -0.97 23.46	22.83 -0.96 17.84	21.11 -0.80 16.07
NINE_MILE_2 23744	22.27 -0.92 17.03	22.03 -0.85 12.69	22.06 -0.76 10.46	22.03 -0.73 8.85	22.03 -0.73 8.99	15.48 -0.74 17.29	21.08 -0.97 22.17	22.90 -1.08 25.23	23.03 -1.14 25.42	26.24 -1.03 21.66	26.61 -1.08 21.31	25.42 -1.08 22.71	25.01 -1.15 25.92	25.66 -1.15 25.42	30.86 -1.29 24.07	51.01 -1.56 12.24	40.80 -1.68 27.34	30.68 -1.82 46.56	22.39 -1.60 45.83	16.30 -1.45 48.22	21.30 -1.16 30.39	21.29 -0.97 23.86	22.53 -0.96 18.14	20.84 -0.80 16.35
NM_CAPITAL___DRP 24208	39.86 -0.36 0.00	35.29 -0.28 0.00	32.95 -0.33 0.00	31.29 -0.32 0.00	31.50 -0.25 0.00	33.21 -0.30 0.00	43.78 -0.44 0.00	48.28 -0.39 0.54	49.14 -0.45 0.00	47.60 -0.49 0.84	47.55 -0.54 0.91	47.92 -0.49 0.80	50.36 -0.52 1.19	49.75 -0.52 1.96	54.26 -0.56 1.41	62.48 -0.45 1.87	67.23 -0.49 2.10	77.66 0.00 1.40	47.45 -0.63 21.74	46.41 -0.92 18.64	50.66 -0.53 1.67	45.13 -0.46 0.53	40.83 -0.25 0.55	37.19 -0.34 0.45
NM_CENTRAL___DRP 24181	42.54 -0.20 -2.52	37.27 -0.18 -1.87	34.79 -0.13 -1.63	32.83 -0.13 -1.35	32.97 -0.13 -1.35	36.88 -0.07 -3.43	48.20 -0.04 -4.02	54.04 0.44 -4.39	54.33 0.35 -4.40	53.12 0.44 -3.75	52.86 0.49 -3.37	53.72 0.44 -4.06	55.88 0.36 -3.44	56.71 0.42 -4.05	60.02 0.28 -3.51	66.58 0.26 -1.52	72.99 -0.21 -3.38	84.74 -0.08 -5.76	75.62 -0.14 -5.94	72.61 0.00 -6.63	57.49 -0.05 -4.69	49.71 0.00 -3.58	44.76 -0.08 -3.21	40.85 0.00 -2.86

NM_FRONTIER___DRP 24179	41.83 0.36 -1.25	36.93 0.43 -0.93	34.65 0.60 -0.76	32.95 0.70 -0.65	32.95 0.54 -0.66	35.38 0.60 -1.26	45.01 -0.84 -1.62	49.82 -1.23 -1.85	49.46 -1.98 -1.86	49.29 -1.22 -1.58	49.62 -0.93 -1.56	49.30 -1.57 -1.66	52.98 -0.99 -1.90	53.10 -0.99 -1.86	56.53 -1.46 -1.76	62.72 -2.98 -0.90	68.95 -2.86 -2.00	78.59 -3.87 -3.41	70.94 -2.23 -3.35	67.98 -1.52 -3.53	53.75 -1.32 -2.22	47.13 -0.74 -1.75	42.08 -0.87 -1.33	39.79 0.61 -1.20
NM_ST_REGIS___HYD 24053	53.90 1.37 -12.31	45.91 1.21 -9.13	44.42 1.10 -10.03	40.19 1.04 -7.54	39.92 1.02 -7.15	72.58 1.24 -37.82	83.26 1.42 -37.62	88.05 1.38 -37.46	82.36 1.44 -31.34	76.96 1.22 -26.81	68.77 1.18 -18.60	81.60 1.18 -31.20	59.64 1.09 -6.47	76.28 1.15 -22.89	71.15 1.35 -13.57	66.55 1.43 -0.32	71.58 1.05 -0.71	80.51 0.24 -1.21	80.08 1.26 -9.00	87.84 1.39 -20.48	81.73 1.16 -27.71	66.37 1.38 -18.86	71.50 1.42 -28.46	63.96 1.22 -24.76
NORTHPORT___1 23551	41.07 0.85 0.00	36.11 0.53 0.00	33.95 0.67 0.00	31.67 0.06 0.00	31.88 0.13 0.00	33.98 0.47 0.00	44.44 0.22 0.01	48.24 -0.15 0.82	47.19 0.00 2.39	47.12 -0.10 1.71	44.02 0.10 5.08	42.42 0.25 7.04	42.60 0.41 9.89	42.80 0.32 9.75	48.35 0.40 8.28	52.08 0.84 13.56	58.88 0.63 11.56	65.94 1.11 14.22	59.39 0.21 10.64	57.56 -0.20 8.21	46.85 -0.16 5.85	43.70 -0.18 2.24	41.49 0.25 0.39	39.14 0.65 -0.51
NORTHPORT___2 23552	41.07 0.85 0.00	36.11 0.53 0.00	33.95 0.67 0.00	31.67 0.06 0.00	31.88 0.13 0.00	33.98 0.47 0.00	44.44 0.22 0.01	48.24 -0.15 0.82	47.19 0.00 2.39	47.12 -0.10 1.71	44.02 0.10 5.08	42.42 0.25 7.04	42.60 0.41 9.89	42.80 0.32 9.75	48.35 0.40 8.28	52.08 0.84 13.56	58.88 0.63 11.56	65.94 1.11 14.22	59.39 0.21 10.64	57.56 -0.20 8.21	46.85 -0.16 5.85	43.70 -0.18 2.24	41.49 0.25 0.39	39.14 0.65 -0.51
NORTHPORT___3 23553	41.03 0.80 0.00	36.07 0.50 0.00	33.92 0.63 0.00	31.67 0.06 0.00	31.91 0.16 0.00	33.95 0.43 0.00	44.31 0.09 0.01	48.00 -0.40 0.82	46.95 -0.25 2.39	46.88 -0.34 1.71	43.51 -0.44 5.04	41.77 -0.44 7.00	41.98 -0.26 9.83	42.23 -0.31 9.69	47.83 -0.17 8.23	51.46 0.13 13.48	58.26 -0.07 11.49	65.31 0.40 14.14	58.75 -0.49 10.58	57.02 -0.79 8.17	46.29 -0.74 5.82	43.15 -0.74 2.24	41.08 -0.17 0.38	38.91 0.42 -0.51
NORTHPORT___4 23650	41.03 0.80 0.00	36.07 0.50 0.00	33.92 0.63 0.00	31.67 0.06 0.00	31.91 0.16 0.00	33.95 0.43 0.00	44.31 0.09 0.01	48.00 -0.40 0.82	46.95 -0.25 2.39	46.88 -0.34 1.71	43.51 -0.44 5.04	41.77 -0.44 7.00	41.98 -0.26 9.83	42.23 -0.31 9.69	47.83 -0.17 8.23	51.46 0.13 13.48	58.26 -0.07 11.49	65.31 0.40 14.14	58.75 -0.49 10.58	57.02 -0.79 8.17	46.29 -0.74 5.82	43.15 -0.74 2.24	41.08 -0.17 0.38	38.91 0.42 -0.51
NORTHPORT___IC 23718	41.07 0.84 0.00	36.03 0.46 0.00	33.85 0.57 0.00	31.67 0.06 0.00	31.88 0.13 0.00	33.98 0.47 0.00	44.44 0.22 0.01	47.99 -0.39 0.82	47.14 -0.05 2.39	47.17 -0.05 1.71	44.02 0.10 5.08	42.47 0.30 7.04	42.60 0.42 9.89	42.75 0.26 9.75	48.29 0.34 8.28	51.96 0.71 13.56	58.88 0.63 11.56	66.18 1.34 14.22	59.45 0.28 10.64	57.63 -0.13 8.21	46.74 -0.26 5.85	43.65 -0.23 2.24	41.28 0.04 0.39	39.14 0.65 -0.51
NORTH___COUNTRY_ESR 323785	43.16 0.88 -2.05	37.87 0.78 -1.52	35.67 0.70 -1.69	33.50 0.63 -1.26	33.58 0.63 -1.19	40.70 0.74 -6.45	50.89 0.27 -6.40	55.42 -0.15 -6.36	54.94 0.05 -5.30	53.42 -0.05 -4.54	52.46 0.35 -3.12	54.41 -0.10 -5.29	52.87 -0.21 -1.00	55.92 -0.16 -3.84	58.36 -0.11 -2.24	64.22 -0.58 0.00	69.47 -0.35 0.00	78.03 -1.03 0.00	71.10 -0.07 -1.35	69.16 -0.13 -3.32	57.19 -0.32 -4.65	49.00 -0.28 -3.15	46.79 0.33 -4.83	42.87 0.68 -4.20
NPX_GEN_1385_PROXY 323591	41.07 0.85 0.00	36.11 0.53 0.00	33.95 0.67 0.00	31.67 0.06 0.00	31.88 0.13 0.00	33.98 0.47 0.00	44.44 0.22 0.01	48.24 -0.15 0.82	47.19 0.00 2.39	47.12 -0.10 1.71	44.02 0.10 5.08	42.42 0.25 7.04	42.60 0.41 9.89	42.80 0.32 9.75	48.35 0.40 8.28	52.08 0.84 13.56	58.88 0.63 11.56	63.99 1.11 16.17	61.34 0.21 8.69	57.56 -0.20 8.21	46.85 -0.16 5.85	43.70 -0.18 2.24	41.49 0.25 0.39	39.14 0.65 -0.51
NPX_GEN_CSC 323557	40.55 0.32 0.00	35.57 0.00 0.00	33.49 0.20 0.00	31.17 -0.44 0.00	31.43 -0.32 0.00	33.58 0.07 0.00	44.04 -0.18 0.01	47.96 -0.44 0.81	46.89 -0.34 2.35	46.82 -0.44 1.67	43.77 -0.24 4.98	42.25 -0.05 6.92	42.56 0.21 9.72	42.92 0.26 9.58	48.44 0.34 8.13	52.26 0.78 13.32	59.09 0.63 11.35	64.15 1.03 15.93	61.46 0.14 8.50	57.70 -0.20 8.07	46.89 -0.21 5.75	43.70 -0.23 2.20	41.09 -0.17 0.37	38.69 0.19 -0.51
NSINS_S_GLNS_FALLS 23858	41.07 0.84 0.00	36.32 0.75 0.00	34.12 0.83 0.00	32.40 0.79 0.00	32.57 0.83 0.00	34.28 0.77 0.00	45.46 1.24 0.00	51.19 1.57 -0.41	50.82 1.24 0.00	49.03 1.03 0.93	48.77 0.78 1.01	49.16 0.84 0.89	51.49 0.73 1.31	52.29 0.73 0.67	55.46 0.79 1.56	63.90 1.17 2.07	68.96 1.47 2.33	80.04 2.53 1.54	85.43 2.02 -13.59	80.07 1.45 -12.65	55.33 1.59 -0.89	46.97 1.43 0.59	42.22 1.21 0.61	38.40 0.91 0.50
NUCOR_STEEL___DRP 24197	43.54 0.44 -2.87	38.10 0.39 -2.14	35.45 0.40 -1.76	33.51 0.41 -1.49	33.68 0.41 -1.51	36.89 0.47 -2.91	48.62 0.66 -3.73	54.34 0.89 -4.25	55.31 0.69 -5.04	53.96 0.73 -4.30	53.76 0.73 -4.03	54.44 0.64 -4.58	57.10 0.52 -4.51	57.64 0.57 -4.83	61.11 0.51 -4.37	67.45 0.58 -2.06	75.12 0.70 -4.60	87.92 1.03 -7.84	78.44 0.91 -7.72	75.21 1.12 -8.12	58.76 0.79 -5.12	50.88 0.74 -4.02	45.27 0.58 -3.05	41.35 0.61 -2.75
NUMBER_THREE_WT_PWR 323818	46.67 1.37 -5.07	40.55 1.21 -3.76	38.48 1.23 -3.96	35.81 1.17 -3.03	35.79 1.14 -2.90	48.80 1.44 -13.85	60.37 2.12 -14.02	65.83 2.51 -14.12	63.88 2.23 -12.06	61.25 2.01 -10.32	58.33 1.86 -7.47	62.87 1.77 -11.88	57.25 1.67 -3.51	63.06 1.67 -9.15	63.95 1.85 -5.87	67.85 2.33 -0.72	73.51 2.09 -1.60	84.38 2.61 -2.72	77.76 2.58 -5.36	78.37 2.97 -9.42	66.15 2.27 -11.02	55.91 2.12 -7.66	54.05 1.75 -10.67	48.82 1.52 -9.31
NYISO_LBMP_REFERENCE 24008	40.23 0.00 0.00	35.57 0.00 0.00	33.29 0.00 0.00	31.61 0.00 0.00	31.75 0.00 0.00	33.51 0.00 0.00	44.23 0.00 0.00	49.21 0.00 0.00	49.58 0.00 0.00	48.93 0.00 0.00	49.00 0.00 0.00	49.22 0.00 0.00	52.07 0.00 0.00	52.23 0.00 0.00	56.23 0.00 0.00	64.80 0.00 0.00	69.82 0.00 0.00	79.06 0.00 0.00	69.82 0.00 0.00	65.97 0.00 0.00	52.85 0.00 0.00	46.13 0.00 0.00	41.63 0.00 0.00	37.99 0.00 0.00
NYPA_BRENTWD____GT 24164	41.43 1.21 0.00	36.35 0.78 0.00	34.22 0.93 0.00	31.89 0.28 0.00	32.13 0.38 0.00	34.25 0.74 0.00	44.88 0.66 0.01	48.91 0.49 0.79	47.90 0.60 2.28	47.87 0.54 1.60	44.86 0.74 4.87	43.37 0.93 6.77	43.76 1.20 9.51	44.00 1.15 9.38	49.69 1.41 7.95	53.71 1.94 13.04	60.33 1.61 11.10	67.65 2.29 13.70	60.85 1.26 10.23	58.92 0.86 7.91	48.00 0.79 5.64	44.62 0.65 2.15	42.02 0.75 0.35	39.48 0.99 -0.51

NYPA_GOWANUS____GT5 24156	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.33 1.93 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	69.96 3.05 -2.10	74.35 2.17 -2.37	83.46 2.84 -1.56	73.10 1.53 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
NYPA_GOWANUS____GT6 24157	42.16 1.93 0.00	37.28 1.71 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.33 1.93 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	69.96 3.05 -2.10	74.35 2.17 -2.37	83.46 2.84 -1.56	73.10 1.53 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
NYPA_HARLEM__RVR__GT1 24160	42.09 1.85 -0.01	37.25 1.67 -0.01	34.79 1.50 -0.01	32.72 1.11 -0.01	32.87 1.11 -0.01	34.59 1.07 0.00	45.33 1.11 0.00	50.19 0.98 0.01	50.82 1.24 0.01	51.09 1.22 -0.93	51.48 1.47 -1.02	51.73 1.62 -0.90	55.27 1.87 -1.33	55.35 1.83 -1.29	59.94 2.14 -1.58	69.75 2.85 -2.10	74.68 2.51 -2.35	83.93 3.32 -1.56	73.51 1.95 -1.73	68.44 1.58 -0.88	54.18 1.11 -0.22	47.92 1.20 -0.60	44.00 1.75 -0.62	39.91 1.41 -0.52
NYPA_HARLEM__RVR__GT2 24161	42.09 1.85 -0.01	37.25 1.67 -0.01	34.79 1.50 -0.01	32.72 1.11 -0.01	32.87 1.11 -0.01	34.59 1.07 0.00	45.33 1.11 0.00	50.19 0.98 0.01	50.82 1.24 0.01	51.09 1.22 -0.93	51.48 1.47 -1.02	51.73 1.62 -0.90	55.27 1.87 -1.33	55.35 1.83 -1.29	59.94 2.14 -1.58	69.75 2.85 -2.10	74.68 2.51 -2.35	83.93 3.32 -1.56	73.51 1.95 -1.73	68.44 1.58 -0.88	54.18 1.11 -0.22	47.92 1.20 -0.60	44.00 1.75 -0.62	39.91 1.41 -0.52
NYPA_KENT____GT 24152	42.08 1.85 0.00	37.21 1.64 0.00	34.75 1.46 0.00	32.62 1.01 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.92 1.34 0.00	51.24 1.37 -0.94	51.69 1.67 -1.02	51.94 1.82 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	70.02 3.11 -2.10	74.36 2.17 -2.38	83.46 2.84 -1.56	73.17 1.61 -1.74	68.58 1.71 -0.89	54.24 1.16 -0.22	48.02 1.29 -0.60	43.71 1.46 -0.62	39.60 1.10 -0.51
NYPA_POUCH1____GT 24155	24.98 1.93 17.18	22.26 1.67 14.98	16.02 1.53 18.80	31.56 0.66 0.71	31.56 0.67 0.86	31.96 0.60 2.15	35.34 0.84 9.72	38.05 0.78 11.94	38.06 1.04 12.57	35.28 1.08 14.72	35.77 1.42 14.65	28.04 1.57 22.75	26.24 1.67 27.49	27.02 1.67 26.88	28.56 2.02 29.69	38.12 2.78 29.47	38.49 1.75 33.08	41.90 2.45 39.61	39.08 1.19 31.93	39.74 1.39 27.62	39.32 0.90 14.43	38.92 1.01 8.22	33.09 1.25 9.78	30.58 0.87 8.28
NYPA_VERNON____GT2 24162	41.95 1.73 0.00	37.13 1.56 0.00	34.69 1.40 0.00	32.62 1.01 0.00	32.77 1.02 0.00	34.55 1.04 0.00	45.51 1.28 0.00	50.59 1.38 0.00	51.22 1.63 0.00	51.44 1.57 -0.94	51.83 1.81 -1.02	52.04 1.92 -0.90	55.64 2.24 -1.33	55.73 2.19 -1.30	60.35 2.53 -1.58	70.15 3.24 -2.10	75.18 3.00 -2.36	84.42 3.79 -1.57	74.00 2.44 -1.74	68.84 1.98 -0.89	54.55 1.48 -0.22	48.11 1.38 -0.60	43.83 1.58 -0.62	39.79 1.29 -0.51
NYPA_VERNON____GT3 24163	41.95 1.73 0.00	37.13 1.56 0.00	34.69 1.40 0.00	32.62 1.01 0.00	32.77 1.02 0.00	34.55 1.04 0.00	45.51 1.28 0.00	50.59 1.38 0.00	51.22 1.63 0.00	51.44 1.57 -0.94	51.83 1.81 -1.02	52.04 1.92 -0.90	55.64 2.24 -1.33	55.73 2.19 -1.30	60.35 2.53 -1.58	70.15 3.24 -2.10	75.18 3.00 -2.36	84.42 3.79 -1.57	74.00 2.44 -1.74	68.84 1.98 -0.89	54.55 1.48 -0.22	48.11 1.38 -0.60	43.83 1.58 -0.62	39.79 1.29 -0.51
NYPA____ASTORIA_CC1 323568	41.92 1.69 0.00	37.10 1.53 0.00	34.65 1.37 0.00	32.59 0.98 0.00	32.73 0.99 0.00	34.49 0.97 0.00	45.42 1.19 0.00	50.44 1.23 0.00	51.07 1.49 0.00	51.34 1.47 -0.94	51.73 1.71 -1.02	51.94 1.82 -0.90	55.49 2.08 -1.33	55.57 2.04 -1.30	60.18 2.36 -1.58	70.02 3.11 -2.10	74.97 2.80 -2.36	84.18 3.56 -1.57	73.80 2.23 -1.74	68.71 1.84 -0.89	54.40 1.32 -0.22	48.02 1.29 -0.60	43.79 1.54 -0.62	39.71 1.22 -0.51
NYPA____ASTORIA_CC2 323569	41.92 1.69 0.00	37.10 1.53 0.00	34.65 1.37 0.00	32.59 0.98 0.00	32.73 0.99 0.00	34.49 0.97 0.00	45.42 1.19 0.00	50.44 1.23 0.00	51.07 1.49 0.00	51.34 1.47 -0.94	51.73 1.71 -1.02	51.94 1.82 -0.90	55.49 2.08 -1.33	55.57 2.04 -1.30	60.18 2.36 -1.58	70.02 3.11 -2.10	74.97 2.80 -2.36	84.18 3.56 -1.57	73.80 2.23 -1.74	68.71 1.84 -0.89	54.40 1.32 -0.22	48.02 1.29 -0.60	43.79 1.54 -0.62	39.71 1.22 -0.51
NYPA____HOLTSVILL 23794	40.91 0.68 0.00	35.93 0.36 0.00	33.82 0.53 0.00	31.48 -0.13 0.00	31.72 -0.03 0.00	33.85 0.34 0.00	44.40 0.18 0.01	48.35 -0.05 0.81	47.28 0.05 2.36	47.20 -0.05 1.68	44.10 0.10 4.99	42.63 0.35 6.93	42.91 0.57 9.73	43.21 0.58 9.60	48.76 0.68 8.14	52.56 1.10 13.35	59.42 0.98 11.37	66.47 1.42 14.01	59.90 0.56 10.47	58.08 0.20 8.09	47.19 0.11 5.76	44.01 0.09 2.21	41.46 0.21 0.37	39.03 0.53 -0.51
NYPA____HELLGATE_GT1 24158	42.09 1.85 -0.01	37.25 1.67 -0.01	34.79 1.50 -0.01	32.72 1.11 -0.01	32.87 1.11 -0.01	34.59 1.07 0.00	45.33 1.11 0.00	50.19 0.98 0.01	50.82 1.24 0.01	51.09 1.22 -0.93	51.48 1.47 -1.02	51.73 1.62 -0.90	55.27 1.87 -1.33	55.35 1.83 -1.29	59.94 2.14 -1.58	69.75 2.85 -2.10	74.68 2.51 -2.35	83.93 3.32 -1.56	73.51 1.95 -1.73	68.44 1.58 -0.88	54.18 1.11 -0.22	47.92 1.20 -0.60	44.00 1.75 -0.62	39.91 1.41 -0.52
NYPA____HELLGATE_GT2 24159	42.09 1.85 -0.01	37.25 1.67 -0.01	34.79 1.50 -0.01	32.72 1.11 -0.01	32.87 1.11 -0.01	34.59 1.07 0.00	45.33 1.11 0.00	50.19 0.98 0.01	50.82 1.24 0.01	51.09 1.22 -0.93	51.48 1.47 -1.02	51.73 1.62 -0.90	55.27 1.87 -1.33	55.35 1.83 -1.29	59.94 2.14 -1.58	69.75 2.85 -2.10	74.68 2.51 -2.35	83.93 3.32 -1.56	73.51 1.95 -1.73	68.44 1.58 -0.88	54.18 1.11 -0.22	47.92 1.20 -0.60	44.00 1.75 -0.62	39.91 1.41 -0.52
NYS_BARGE____HYD 23848	42.00 0.52 -1.25	36.79 0.28 -0.93	34.62 0.57 -0.77	32.99 0.73 -0.65	32.92 0.51 -0.66	35.52 0.74 -1.27	45.90 0.04 -1.63	50.28 -0.79 -1.86	50.51 -0.94 -1.87	50.33 -0.19 -1.60	50.32 -0.24 -1.57	50.55 -0.34 -1.67	54.14 0.16 -1.91	54.26 0.16 -1.87	57.67 -0.34 -1.77	64.41 -1.30 -0.90	70.50 -1.33 -2.01	80.51 -1.97 -3.43	73.20 0.00 -3.38	69.73 0.20 -3.55	54.93 -0.16 -2.24	48.16 0.28 -1.76	42.96 0.00 -1.34	39.99 0.80 -1.20
OAK ORCHARD____HYD 24046	42.02 0.56 -1.23	36.85 0.36 -0.92	34.54 0.50 -0.76	32.79 0.54 -0.64	32.84 0.44 -0.65	35.40 0.64 -1.25	46.40 0.57 -1.61	51.43 0.39 -1.83	51.72 0.30 -1.84	51.33 0.83 -1.57	51.32 0.78 -1.54	51.60 0.74 -1.64	54.83 0.88 -1.88	55.12 1.04 -1.84	58.70 0.73 -1.74	66.15 0.46 -0.89	72.29 0.49 -1.98	82.98 0.56 -3.37	74.32 1.19 -3.32	70.65 1.19 -3.49	55.90 0.84 -2.20	48.69 0.83 -1.73	43.48 0.54 -1.31	39.93 0.76 -1.18

OAKDALE___35_KV_LOAD 356122	42.31 0.52 -1.56	37.23 0.50 -1.16	34.74 0.50 -0.96	32.92 0.51 -0.81	33.05 0.48 -0.82	35.63 0.54 -1.58	46.96 0.71 -2.03	52.35 0.84 -2.31	52.55 0.64 -2.32	51.65 0.73 -1.98	51.68 0.73 -1.95	51.83 0.54 -2.08	55.17 0.73 -2.37	55.24 0.68 -2.33	58.99 0.56 -2.20	66.38 0.45 -1.12	73.09 0.77 -2.50	84.42 1.11 -4.26	74.99 0.98 -4.19	71.57 1.19 -4.41	56.42 0.79 -2.78	49.05 0.74 -2.18	43.83 0.54 -1.66	40.09 0.61 -1.50
OCC_CHEM___DRP 24175	41.87 0.40 -1.25	36.96 0.46 -0.93	34.69 0.63 -0.77	32.98 0.73 -0.65	32.98 0.57 -0.66	35.42 0.64 -1.27	45.14 -0.71 -1.62	49.97 -1.08 -1.85	49.61 -1.83 -1.86	49.44 -1.08 -1.59	49.77 -0.78 -1.56	49.45 -1.43 -1.66	53.13 -0.83 -1.90	53.26 -0.84 -1.86	56.64 -1.35 -1.76	62.91 -2.79 -0.90	69.10 -2.72 -2.00	78.83 -3.64 -3.41	71.15 -2.02 -3.35	68.18 -1.32 -3.53	53.86 -1.22 -2.22	47.27 -0.60 -1.75	42.21 -0.75 -1.33	39.87 0.68 -1.20
OH_GEN_PROXY 24063	41.78 0.32 -1.23	36.60 0.11 -0.92	34.45 0.40 -0.76	32.82 0.57 -0.64	32.75 0.35 -0.65	35.30 0.53 -1.25	45.65 -0.18 -1.60	50.00 -1.04 -1.83	50.23 -1.19 -1.84	50.01 -0.49 -1.57	50.00 -0.54 -1.54	50.17 -0.69 -1.64	53.79 -0.16 -1.88	53.87 -0.21 -1.84	57.30 -0.67 -1.74	64.01 -1.69 -0.89	70.12 -1.68 -1.98	78.11 -2.37 -1.42	74.60 -0.49 -5.27	69.20 -0.26 -3.49	54.63 -0.42 -2.20	47.90 0.05 -1.73	42.69 -0.25 -1.31	39.74 0.57 -1.18
OLIN_CORP_DRP 24177	41.52 0.04 -1.26	36.61 0.11 -0.94	34.33 0.27 -0.77	32.64 0.38 -0.65	32.63 0.22 -0.66	35.12 0.34 -1.28	45.29 -0.57 -1.64	50.18 -0.89 -1.86	49.77 -1.69 -1.87	49.60 -0.93 -1.60	49.93 -0.64 -1.57	49.61 -1.28 -1.68	53.31 -0.68 -1.91	53.43 -0.68 -1.88	56.88 -1.12 -1.78	63.24 -2.46 -0.90	69.39 -2.44 -2.02	79.41 -3.08 -3.43	71.66 -1.54 -3.38	68.67 -0.86 -3.56	54.14 -0.95 -2.24	47.43 -0.46 -1.76	42.43 -0.54 -1.34	39.50 0.30 -1.21
OLIN_CORP_DSASP 323712	41.87 0.40 -1.25	36.72 0.21 -0.93	34.62 0.57 -0.77	32.98 0.73 -0.65	32.91 0.51 -0.66	35.41 0.64 -1.27	45.14 -0.71 -1.62	49.33 -1.72 -1.85	49.61 -1.83 -1.86	49.44 -1.08 -1.59	49.48 -1.08 -1.56	49.65 -1.23 -1.66	53.24 -0.73 -1.90	53.31 -0.78 -1.86	56.70 -1.29 -1.76	63.11 -2.59 -0.90	69.02 -2.79 -2.00	78.75 -3.71 -3.41	71.57 -1.60 -3.35	68.18 -1.32 -3.53	53.91 -1.16 -2.22	47.37 -0.51 -1.75	42.21 -0.75 -1.33	39.87 0.68 -1.20
ONEIDA_HERK_LFGE 323681	43.76 1.01 -2.53	38.34 0.89 -1.88	36.17 0.93 -1.95	33.99 0.88 -1.50	34.05 0.86 -1.44	41.21 1.07 -6.62	52.57 1.59 -6.75	57.95 1.92 -6.83	57.22 1.73 -5.90	55.59 1.61 -5.04	54.22 1.52 -3.71	56.48 1.48 -5.79	55.43 1.46 -1.90	58.23 1.46 -4.53	60.79 1.57 -2.99	67.20 1.94 -0.46	72.72 1.89 -1.02	83.16 2.37 -1.73	74.94 2.17 -2.96	73.22 2.37 -4.87	60.09 1.80 -5.44	51.50 1.57 -3.81	48.07 1.29 -5.15	43.59 1.10 -4.50
ONEIDA___115KV_TB4 55905	43.16 1.05 -1.89	37.90 0.92 -1.40	35.56 0.93 -1.34	33.56 0.89 -1.06	33.68 0.89 -1.04	38.34 1.07 -3.75	49.88 1.64 -4.02	55.51 2.12 -4.19	55.37 1.93 -3.85	53.98 1.76 -3.29	53.41 1.76 -2.65	54.62 1.72 -3.68	55.74 1.67 -2.00	57.17 1.72 -3.21	60.46 1.80 -2.43	67.75 2.20 -0.74	73.63 2.16 -1.65	84.55 2.69 -2.81	75.45 2.30 -3.33	72.85 2.57 -4.30	58.54 1.90 -3.78	50.50 1.61 -2.76	46.04 1.29 -3.12	41.87 1.14 -2.75
ONONDAGA_REF_OCCRA 23987	42.98 0.04 -2.71	37.59 0.00 -2.02	35.07 0.03 -1.75	33.12 0.06 -1.45	33.26 0.06 -1.45	37.20 0.10 -3.59	48.69 0.22 -4.24	54.70 0.84 -4.65	55.00 0.74 -4.67	53.70 0.78 -3.99	53.44 0.83 -3.62	54.31 0.79 -4.30	56.50 0.68 -3.76	57.25 0.68 -4.34	60.64 0.62 -3.79	67.12 0.65 -1.67	73.75 0.21 -3.72	85.79 0.40 -6.34	76.59 0.28 -6.49	73.63 0.46 -7.20	58.14 0.26 -5.03	50.30 0.32 -3.85	45.23 0.21 -3.39	41.24 0.23 -3.03
ONONDAGA___COGEN 23986	43.71 0.08 -3.40	38.18 0.07 -2.54	35.51 0.07 -2.16	33.51 0.09 -1.80	33.66 0.10 -1.82	37.81 0.13 -4.16	49.48 0.22 -5.04	55.23 0.44 -5.58	55.46 0.35 -5.53	54.09 0.44 -4.72	53.84 0.44 -4.40	54.65 0.39 -5.04	57.03 0.10 -4.86	57.56 0.05 -5.28	60.92 -0.06 -4.74	66.88 -0.13 -2.21	74.47 -0.28 -4.93	87.38 -0.08 -8.40	78.17 -0.14 -8.49	75.28 0.07 -9.24	59.09 0.00 -6.24	51.22 0.28 -4.82	45.85 0.17 -4.06	41.84 0.23 -3.63
ONTARIO___LFGE 23819	44.03 1.45 -2.36	38.68 1.35 -1.76	36.13 1.40 -1.45	34.26 1.42 -1.23	34.39 1.40 -1.25	37.58 1.67 -2.40	49.38 2.08 -3.07	56.15 3.44 -3.50	56.33 3.22 -3.52	55.11 3.18 -3.00	54.84 2.89 -2.95	55.07 2.71 -3.15	58.42 2.76 -3.59	58.68 2.92 -3.52	62.54 2.98 -3.34	69.93 3.43 -1.70	77.44 3.84 -3.79	88.75 3.24 -6.45	79.66 3.49 -6.35	76.35 3.69 -6.68	59.65 2.59 -4.21	51.65 2.21 -3.31	45.85 1.71 -2.51	41.92 1.67 -2.26
ORANGEVILLE_WT_PWR 323706	42.64 1.01 -1.41	37.37 0.75 -1.05	35.08 0.93 -0.86	33.41 1.08 -0.73	33.38 0.89 -0.74	36.08 1.14 -1.43	46.94 0.88 -1.83	51.78 0.49 -2.08	52.03 0.35 -2.10	51.50 0.78 -1.79	51.34 0.59 -1.76	51.44 0.35 -1.87	54.99 0.78 -2.14	55.06 0.73 -2.10	58.61 0.40 -1.99	65.56 -0.26 -1.01	72.00 -0.07 -2.26	82.74 -0.16 -3.84	74.92 1.32 -3.78	71.40 1.45 -3.98	56.15 0.79 -2.51	49.02 0.92 -1.97	43.58 0.46 -1.50	40.32 0.99 -1.35
ORANGEVILLE___ESR 323794	42.64 1.01 -1.41	37.37 0.75 -1.05	35.08 0.93 -0.86	33.41 1.08 -0.73	33.38 0.89 -0.74	36.08 1.14 -1.43	46.94 0.88 -1.83	51.78 0.49 -2.08	52.03 0.35 -2.10	51.50 0.78 -1.79	51.34 0.59 -1.76	51.44 0.35 -1.87	54.99 0.78 -2.14	55.06 0.73 -2.10	58.61 0.40 -1.99	65.56 -0.26 -1.01	72.00 -0.07 -2.26	82.74 -0.16 -3.84	74.92 1.32 -3.78	71.40 1.45 -3.98	56.15 0.79 -2.51	49.02 0.92 -1.97	43.58 0.46 -1.50	40.32 0.99 -1.35
OSWEGATCHIE___HYD 24044	51.68 1.33 -10.13	44.26 1.17 -7.51	42.57 1.13 -8.16	38.84 1.08 -6.16	38.65 1.05 -5.86	64.96 1.34 -30.11	76.17 1.86 -30.09	81.33 2.07 -30.06	76.76 1.88 -25.29	72.23 1.66 -21.63	65.80 1.61 -15.19	75.85 1.53 -25.10	59.30 1.41 -5.82	72.37 1.46 -18.67	69.19 1.63 -11.33	67.22 1.81 -0.60	72.56 1.40 -1.35	82.70 1.34 -2.30	79.94 1.75 -8.38	85.52 2.11 -17.43	77.01 1.58 -22.58	63.24 1.66 -15.46	65.97 1.54 -22.80	59.21 1.37 -19.86
OSWEGO___5 23606	48.52 -0.65 -8.94	41.66 -0.57 -6.66	38.28 -0.50 -5.49	35.78 -0.47 -4.65	35.99 -0.48 -4.72	42.12 -0.47 -9.08	55.20 -0.66 -11.64	61.77 -0.69 -13.25	62.19 -0.74 -13.35	59.62 -0.69 -11.37	59.50 -0.69 -11.19	60.45 -0.69 -11.93	64.90 -0.78 -13.61	64.80 -0.78 -13.35	67.97 -0.90 -12.64	70.13 -1.10 -6.43	82.99 -1.19 -14.36	102.32 -1.18 -24.45	92.84 -1.05 -24.06	90.37 -0.92 -25.32	68.02 -0.79 -15.96	58.01 -0.65 -12.53	50.53 -0.62 -9.53	46.07 -0.49 -8.58
OSWEGO___6 23613	48.52 -0.65 -8.94	41.66 -0.57 -6.66	38.28 -0.50 -5.49	35.78 -0.47 -4.65	35.99 -0.48 -4.72	42.12 -0.47 -9.08	55.20 -0.66 -11.64	61.77 -0.69 -13.25	62.19 -0.74 -13.35	59.62 -0.69 -11.37	59.50 -0.69 -11.19	60.45 -0.69 -11.93	64.90 -0.78 -13.61	64.80 -0.78 -13.35	67.97 -0.90 -12.64	70.13 -1.10 -6.43	82.99 -1.19 -14.36	102.32 -1.18 -24.45	92.84 -1.05 -24.06	90.37 -0.92 -25.32	68.02 -0.79 -15.96	58.01 -0.65 -12.53	50.53 -0.62 -9.53	46.07 -0.49 -8.58

OUTOKUMPU-AB___DRP 24206	42.49 1.01 -1.26	37.47 0.96 -0.94	35.16 1.10 -0.77	33.40 1.14 -0.66	33.43 1.02 -0.67	35.93 1.14 -1.28	46.27 0.40 -1.64	51.32 0.25 -1.87	51.02 -0.45 -1.88	50.83 0.29 -1.60	51.11 0.54 -1.58	50.85 -0.05 -1.68	54.41 0.42 -1.92	54.59 0.47 -1.88	58.12 0.11 -1.78	64.54 -1.17 -0.91	70.93 -0.91 -2.02	81.00 -1.50 -3.45	73.21 0.00 -3.39	70.14 0.59 -3.57	55.26 0.16 -2.25	48.49 0.60 -1.77	43.26 0.29 -1.34	40.45 1.25 -1.21
OXBOW___BTM 323836	42.24 0.76 -1.25	37.00 0.50 -0.93	34.89 0.83 -0.77	33.24 0.98 -0.65	33.17 0.76 -0.66	35.72 0.94 -1.27	45.77 -0.09 -1.63	50.13 -0.94 -1.86	50.41 -1.04 -1.87	50.23 -0.29 -1.59	50.27 -0.29 -1.57	50.44 -0.44 -1.67	54.03 0.05 -1.91	54.11 0.00 -1.87	57.55 -0.45 -1.77	64.09 -1.62 -0.90	70.15 -1.68 -2.01	79.95 -2.53 -3.43	72.78 -0.42 -3.37	69.26 -0.26 -3.55	54.67 -0.42 -2.24	48.07 0.19 -1.76	42.80 -0.17 -1.34	40.22 1.03 -1.20
OXBOW___ 24026	42.24 0.76 -1.25	37.29 0.78 -0.93	34.99 0.93 -0.77	33.24 0.98 -0.65	33.24 0.83 -0.66	35.73 0.94 -1.27	45.77 -0.09 -1.63	50.72 -0.34 -1.86	50.41 -1.04 -1.87	50.23 -0.29 -1.59	50.52 -0.05 -1.57	50.25 -0.64 -1.67	53.87 -0.10 -1.91	54.05 -0.05 -1.87	57.50 -0.51 -1.77	63.83 -1.88 -0.90	70.15 -1.68 -2.01	80.11 -2.37 -3.43	72.35 -0.84 -3.37	69.33 -0.20 -3.55	54.67 -0.42 -2.24	47.98 0.09 -1.76	42.80 -0.17 -1.34	40.22 1.03 -1.20
OXY_CHEM_DSASP 323612	41.87 0.40 -1.25	36.96 0.46 -0.93	34.69 0.63 -0.77	32.98 0.73 -0.65	32.98 0.57 -0.66	35.42 0.64 -1.27	45.14 -0.71 -1.62	49.97 -1.08 -1.85	49.61 -1.83 -1.86	49.44 -1.08 -1.59	49.77 -0.78 -1.56	49.45 -1.43 -1.66	53.13 -0.83 -1.90	53.26 -0.84 -1.86	56.64 -1.35 -1.76	62.91 -2.79 -0.90	69.10 -2.72 -2.00	78.83 -3.64 -3.41	71.15 -2.02 -3.35	68.18 -1.32 -3.53	53.86 -1.22 -2.22	47.27 -0.60 -1.75	42.21 -0.75 -1.33	39.87 0.68 -1.20
OZONE_PARK_ESR 323760	42.24 2.01 0.00	37.28 1.71 0.00	34.85 1.56 0.00	32.87 1.26 0.00	32.99 1.24 0.00	34.82 1.31 0.00	46.08 1.86 0.00	51.13 1.92 0.00	51.86 2.28 0.00	52.12 2.25 -0.94	52.42 2.40 -1.02	52.68 2.56 -0.90	56.32 2.92 -1.33	56.41 2.87 -1.30	61.02 3.21 -1.58	70.93 4.02 -2.10	76.37 4.19 -2.36	85.92 5.30 -1.57	75.33 3.77 -1.74	69.97 3.10 -0.89	55.40 2.33 -0.22	48.62 1.89 -0.60	44.12 1.87 -0.62	40.13 1.63 -0.51
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	41.87 0.40 -1.25	36.96 0.46 -0.93	34.69 0.63 -0.77	32.98 0.73 -0.65	32.98 0.57 -0.66	35.42 0.64 -1.27	45.14 -0.71 -1.62	49.97 -1.08 -1.85	49.61 -1.83 -1.86	49.44 -1.08 -1.59	49.77 -0.78 -1.56	49.45 -1.43 -1.66	53.13 -0.83 -1.90	53.26 -0.84 -1.86	56.64 -1.35 -1.76	62.91 -2.79 -0.90	69.10 -2.72 -2.00	78.83 -3.64 -3.41	71.15 -2.02 -3.35	68.18 -1.32 -3.53	53.86 -1.22 -2.22	47.27 -0.60 -1.75	42.21 -0.75 -1.33	39.87 0.68 -1.20
PACKARD___115KV_DUPONT_184 80571	41.87 0.40 -1.25	36.96 0.46 -0.93	34.69 0.63 -0.77	32.98 0.73 -0.65	32.98 0.57 -0.66	35.42 0.64 -1.27	45.14 -0.71 -1.62	49.97 -1.08 -1.85	49.61 -1.83 -1.86	49.44 -1.08 -1.59	49.77 -0.78 -1.56	49.45 -1.43 -1.66	53.13 -0.83 -1.90	53.26 -0.84 -1.86	56.64 -1.35 -1.76	62.91 -2.79 -0.90	69.10 -2.72 -2.00	78.83 -3.64 -3.41	71.15 -2.02 -3.35	68.18 -1.32 -3.53	53.86 -1.22 -2.22	47.27 -0.60 -1.75	42.21 -0.75 -1.33	39.87 0.68 -1.20
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	42.08 1.85 -0.01	37.18 1.60 -0.01	34.79 1.50 -0.01	32.72 1.11 -0.01	32.87 1.11 -0.01	34.59 1.07 0.00	45.38 1.15 0.00	50.10 0.89 0.00	50.82 1.24 0.00	51.14 1.27 -0.94	51.49 1.47 -1.02	51.79 1.67 -0.90	55.33 1.93 -1.33	55.36 1.83 -1.30	59.95 2.14 -1.58	69.76 2.85 -2.10	74.83 2.65 -2.36	84.18 3.56 -1.57	73.73 2.16 -1.74	68.45 1.58 -0.89	54.19 1.11 -0.22	47.79 1.06 -0.60	43.83 1.58 -0.62	39.87 1.37 -0.52
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	42.53 2.29 -0.01	37.61 2.03 -0.01	35.16 1.86 -0.01	33.10 1.49 -0.01	33.22 1.46 -0.01	34.95 1.44 0.00	45.86 1.64 0.00	50.64 1.43 0.00	51.37 1.79 0.00	51.58 1.71 -0.94	51.98 1.96 -1.02	52.23 2.12 -0.90	55.80 2.40 -1.33	55.88 2.35 -1.30	60.51 2.70 -1.58	70.34 3.43 -2.10	75.53 3.35 -2.36	84.89 4.27 -1.57	74.42 2.86 -1.74	69.11 2.24 -0.89	54.66 1.59 -0.22	48.25 1.52 -0.60	44.25 2.00 -0.62	40.29 1.79 -0.52
PATROON___115KV_TB1 80586	39.86 -0.36 0.00	35.29 -0.28 0.00	32.95 -0.33 0.00	31.29 -0.32 0.00	31.50 -0.25 0.00	33.25 -0.27 0.00	43.83 -0.40 0.00	48.41 -0.39 0.41	49.19 -0.40 0.00	47.66 -0.49 0.78	47.60 -0.54 0.85	47.97 -0.49 0.75	50.44 -0.52 1.11	50.01 -0.52 1.70	54.35 -0.56 1.32	62.60 -0.45 1.76	67.36 -0.49 1.97	77.75 0.00 1.31	52.33 -0.56 16.93	50.70 -0.86 14.42	51.06 -0.48 1.31	45.21 -0.42 0.50	40.90 -0.21 0.52	37.26 -0.30 0.43
PATTRSNVILLE___SOLAR 323815	41.15 0.93 0.00	36.39 0.82 0.00	34.09 0.80 0.00	32.34 0.73 0.00	32.51 0.76 0.00	34.32 0.80 0.00	45.42 1.19 0.00	50.70 1.43 -0.06	50.67 1.09 0.00	49.09 0.83 0.67	48.85 0.59 0.73	49.16 0.59 0.65	51.74 0.63 0.95	52.03 0.63 0.83	55.78 0.68 1.13	64.40 1.10 1.50	69.53 1.40 1.69	80.15 2.21 1.12	72.79 1.81 -1.16	69.04 1.58 -1.49	54.29 1.43 -0.01	46.99 1.29 0.43	42.31 1.12 0.44	38.53 0.91 0.36
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	42.32 0.80 -1.29	37.32 0.78 -0.96	34.91 0.83 -0.79	33.20 0.92 -0.67	33.22 0.79 -0.68	35.80 0.97 -1.31	46.61 0.71 -1.68	51.96 0.84 -1.91	51.66 0.15 -1.93	51.36 0.78 -1.64	51.54 0.93 -1.61	51.33 0.39 -1.72	55.08 1.04 -1.96	55.15 0.99 -1.93	58.73 0.67 -1.82	65.34 -0.39 -0.93	72.03 0.14 -2.07	82.66 0.08 -3.53	74.55 1.26 -3.47	71.41 1.78 -3.65	56.11 0.95 -2.30	48.95 1.01 -1.81	43.54 0.54 -1.37	40.21 0.99 -1.24
PAWLING_115_KV_BK3_REV_LBMP_H 345028	41.71 1.49 0.00	36.85 1.28 0.00	34.45 1.17 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.49 0.97 0.00	45.68 1.46 0.00	50.74 1.53 0.00	51.27 1.69 0.00	51.40 1.66 -0.80	51.63 1.76 -0.87	51.81 1.82 -0.77	55.39 2.19 -1.14	55.43 2.09 -1.11	59.83 2.25 -1.35	69.45 2.85 -1.79	74.83 3.00 -2.01	84.50 4.11 -1.34	74.03 2.72 -1.49	68.98 2.24 -0.76	54.79 1.74 -0.19	48.07 1.43 -0.51	43.57 1.42 -0.53	39.60 1.18 -0.43
PEEKSKILL___ 23653	41.43 1.21 0.00	36.64 1.07 0.00	34.25 0.97 0.00	32.34 0.73 0.00	32.48 0.73 0.00	34.25 0.74 0.00	45.33 1.11 0.00	50.44 1.23 0.00	50.92 1.34 0.00	51.13 1.27 -0.92	51.37 1.37 -1.01	51.58 1.48 -0.89	55.15 1.77 -1.31	55.18 1.67 -1.28	59.64 1.85 -1.56	69.34 2.46 -2.07	74.58 2.44 -2.32	83.92 3.32 -1.54	73.70 2.17 -1.71	68.56 1.71 -0.88	54.45 1.37 -0.22	47.87 1.15 -0.59	43.45 1.21 -0.61	39.44 0.95 -0.50
PGE MADISON___WINDPWR 24146	44.74 2.94 -1.58	39.38 2.63 -1.18	36.85 2.60 -0.97	34.96 2.53 -0.82	35.06 2.48 -0.83	38.03 2.92 -1.60	50.52 4.25 -2.05	56.62 5.07 -2.34	56.45 4.51 -2.35	55.10 4.16 -2.01	54.89 3.92 -1.97	55.06 3.74 -2.10	58.27 3.80 -2.40	58.30 3.71 -2.35	62.45 3.99 -2.23	70.86 4.93 -1.13	77.80 5.45 -2.53	90.41 7.04 -4.31	80.28 6.21 -4.24	77.10 6.66 -4.47	60.58 4.92 -2.81	52.30 3.97 -2.21	46.56 3.25 -1.68	42.39 2.89 -1.51

PIERCEFIELD___HYD 23852	55.62 1.25 -14.15	47.17 1.10 -10.49	45.85 1.03 -11.53	41.25 0.98 -8.66	40.92 0.95 -8.22	78.19 1.17 -43.51	88.95 1.46 -43.27	93.77 1.48 -43.08	87.11 1.49 -36.04	81.03 1.27 -30.83	71.60 1.22 -21.38	86.33 1.23 -35.88	60.58 1.09 -7.42	79.75 1.20 -26.32	73.23 1.41 -15.59	66.65 1.49 -0.35	71.65 1.05 -0.79	80.56 0.16 -1.35	81.18 1.05 -10.31	90.81 1.32 -23.52	85.82 1.11 -31.86	69.15 1.34 -21.68	75.73 1.37 -32.73	67.60 1.14 -28.48
PINELAWN_CC_1 323563	41.27 1.04 0.00	36.25 0.67 0.00	34.12 0.83 0.00	31.83 0.22 0.00	32.03 0.29 0.00	34.15 0.64 0.00	44.75 0.53 0.01	48.90 0.39 0.70	48.11 0.50 1.97	48.11 0.44 1.26	45.28 0.59 4.30	43.97 0.79 6.03	44.64 1.04 8.47	44.41 0.52 8.35	49.88 0.68 7.03	54.26 1.03 11.58	60.71 0.70 9.80	68.17 1.34 12.23	61.09 0.35 9.08	58.91 0.00 7.06	47.93 0.16 5.08	44.38 0.14 1.89	41.99 0.63 0.26	39.33 0.83 -0.51
PJM_GEN_HTTP_PROXY 323702	41.79 1.57 0.00	36.96 1.39 0.00	34.52 1.23 0.00	32.56 0.95 0.00	32.70 0.95 0.00	34.52 1.00 0.00	45.64 1.41 0.00	50.78 1.57 0.00	51.32 1.73 0.00	51.54 1.66 -0.94	51.88 1.86 -1.02	52.09 1.97 -0.90	55.69 2.29 -1.33	55.78 2.24 -1.30	60.35 2.53 -1.58	70.15 3.24 -2.10	75.39 3.21 -2.36	82.70 4.03 0.38	76.23 2.72 -3.69	69.11 2.24 -0.89	54.77 1.69 -0.22	48.20 1.48 -0.60	43.75 1.50 -0.62	39.71 1.22 -0.51
PJM_GEN_KEystone 24065	40.51 0.72 0.44	35.70 0.60 0.48	33.07 0.63 0.85	32.56 0.60 -0.35	32.60 0.51 -0.34	34.77 0.64 -0.63	45.16 0.62 -0.31	49.90 0.39 -0.30	50.19 0.35 -0.26	49.81 0.54 -0.34	49.85 0.49 -0.36	49.51 0.49 0.19	52.70 0.83 0.20	52.77 0.73 0.19	56.52 0.62 0.33	64.69 0.52 0.63	70.35 0.63 0.10	78.11 1.03 1.97	73.51 1.19 -2.50	67.63 1.05 -0.61	53.99 0.69 -0.45	47.61 0.74 -0.75	42.56 0.54 -0.39	39.04 0.68 -0.37
PJM_GEN_NEPTUNE_PROXY 323594	41.03 0.80 0.00	36.11 0.53 0.00	33.92 0.63 0.00	31.70 0.10 0.00	31.91 0.16 0.00	33.95 0.43 0.00	44.48 0.27 0.01	48.58 0.25 0.88	47.34 0.35 2.60	47.29 0.30 1.94	43.99 0.44 5.44	42.29 0.59 7.52	42.33 0.83 10.57	42.60 0.78 10.42	48.31 0.95 8.88	51.78 1.49 14.51	58.73 1.32 12.41	63.90 1.98 17.13	61.35 0.98 9.44	57.73 0.53 8.77	47.01 0.37 6.22	43.94 0.23 2.42	41.55 0.37 0.45	39.03 0.53 -0.51
PJM_GEN_VFT_PROXY 323633	24.41 1.37 17.18	21.79 1.21 14.99	15.58 1.10 18.80	31.68 0.79 0.72	31.68 0.79 0.86	32.19 0.84 2.16	35.69 1.19 9.73	38.54 1.28 11.95	38.50 1.49 12.57	35.62 1.42 14.73	35.95 1.61 14.66	28.18 1.72 22.76	26.60 2.03 27.50	27.33 1.98 26.89	28.78 2.25 29.70	38.25 2.92 29.48	39.53 2.80 33.08	41.13 3.64 41.57	42.21 2.38 29.98	40.19 1.84 27.63	39.79 1.37 14.43	39.10 1.20 8.23	33.13 1.29 9.79	30.72 1.03 8.29
PLATSBURG_115KV_PMLD1 355749	42.68 1.41 -1.05	37.59 1.25 -0.78	35.25 1.10 -0.86	33.23 0.98 -0.64	33.34 0.98 -0.61	37.95 1.14 -3.30	47.49 0.00 -3.27	51.62 -0.84 -3.25	51.70 -0.60 -2.71	50.57 -0.69 -2.32	49.86 -0.73 -1.59	51.18 -0.74 -2.70	51.65 -0.94 -0.51	53.31 -0.89 -1.96	56.47 -0.90 -1.14	63.51 -1.30 0.00	68.35 -1.47 0.00	76.76 -2.29 0.00	69.53 -0.98 -0.69	66.55 -1.12 -1.70	54.64 -0.58 -2.37	48.38 0.65 -1.61	45.55 1.46 -2.47	41.42 1.29 -2.15
PLEASANTVLY___LBMP 24000	41.03 0.80 0.00	36.28 0.71 0.00	33.92 0.63 0.00	32.08 0.47 0.00	32.26 0.51 0.00	33.98 0.47 0.00	44.93 0.71 0.00	49.85 0.64 0.00	50.43 0.84 0.00	50.78 0.78 -1.06	50.99 0.83 -1.16	51.17 0.94 -1.02	54.72 1.15 -1.51	54.80 1.10 -1.47	59.20 1.18 -1.79	68.81 1.62 -2.38	74.16 1.68 -2.67	83.36 2.53 -1.77	73.19 1.40 -1.97	67.91 0.92 -1.01	53.85 0.74 -0.25	47.45 0.65 -0.68	43.04 0.71 -0.70	39.17 0.61 -0.58
PLSNTVLE_13_KV_13.8KVDIST 80602	41.63 1.41 0.00	36.78 1.21 0.00	34.42 1.13 0.00	32.49 0.89 0.00	32.61 0.86 0.00	34.42 0.90 0.00	45.55 1.33 0.00	50.54 1.33 0.00	51.22 1.64 0.00	51.45 1.57 -0.95	51.70 1.67 -1.03	51.95 1.82 -0.91	55.50 2.08 -1.35	55.58 2.04 -1.31	60.08 2.25 -1.60	69.85 2.92 -2.13	75.21 3.00 -2.39	84.67 4.03 -1.58	74.23 2.65 -1.76	68.99 2.11 -0.90	54.67 1.59 -0.23	48.02 1.29 -0.61	43.55 1.29 -0.63	39.64 1.14 -0.52
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	41.63 1.41 0.00	36.78 1.21 0.00	34.42 1.13 0.00	32.49 0.89 0.00	32.61 0.86 0.00	34.42 0.90 0.00	45.55 1.33 0.00	50.54 1.33 0.00	51.22 1.64 0.00	51.45 1.57 -0.95	51.70 1.67 -1.03	51.95 1.82 -0.91	55.50 2.08 -1.35	55.58 2.04 -1.31	60.08 2.25 -1.60	69.85 2.92 -2.13	75.21 3.00 -2.39	84.67 4.03 -1.58	74.23 2.65 -1.76	68.99 2.11 -0.90	54.67 1.59 -0.23	48.02 1.29 -0.61	43.55 1.29 -0.63	39.64 1.14 -0.52
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	41.27 1.05 0.00	36.46 0.89 0.00	34.12 0.83 0.00	32.30 0.70 0.00	32.48 0.73 0.00	34.22 0.70 0.00	45.29 1.06 0.00	50.29 1.08 0.00	50.72 1.14 0.00	49.56 1.08 0.44	49.54 1.03 0.48	49.92 1.13 0.43	52.79 1.35 0.63	52.93 1.31 0.61	56.89 1.41 0.75	65.75 1.94 0.99	70.80 2.09 1.12	81.40 3.08 0.74	70.95 1.95 0.82	67.00 1.45 0.42	53.96 1.22 0.11	46.86 1.01 0.28	42.38 1.04 0.29	38.62 0.87 0.24
POLETTI____ 23519	30.31 1.41 11.32	24.58 1.25 12.24	24.58 1.13 9.84	24.61 0.76 7.76	24.61 0.76 7.90	24.61 0.74 9.64	24.61 0.66 20.28	27.32 0.34 22.24	28.90 0.74 21.43	30.81 0.78 18.91	34.11 0.98 15.86	33.03 1.18 17.37	36.27 1.41 17.20	36.30 1.36 17.29	41.12 1.63 16.74	50.75 2.20 16.26	55.61 2.02 16.23	63.47 2.77 18.35	54.51 1.54 16.85	49.27 0.99 17.69	34.84 0.58 18.59	32.18 0.65 14.59	28.01 1.21 14.83	27.50 1.03 11.51
POMONA___ESR 323819	41.43 1.21 0.00	36.68 1.10 0.00	34.25 0.97 0.00	32.37 0.76 0.00	32.51 0.76 0.00	34.32 0.80 0.00	45.42 1.19 0.00	50.49 1.28 0.00	50.97 1.39 0.00	51.13 1.32 -0.88	51.32 1.37 -0.96	51.49 1.43 -0.85	55.04 1.72 -1.25	55.12 1.67 -1.22	59.51 1.80 -1.48	69.24 2.46 -1.97	74.47 2.44 -2.21	83.92 3.40 -1.47	73.68 2.23 -1.63	68.59 1.78 -0.84	54.49 1.43 -0.21	47.93 1.25 -0.56	43.46 1.25 -0.58	39.45 0.99 -0.48
PORT_JEFF_3 23555	40.95 0.72 0.00	35.93 0.36 0.00	33.82 0.53 0.00	31.51 -0.09 0.00	31.75 0.00 0.00	33.88 0.37 0.00	44.44 0.22 0.01	48.40 0.00 0.81	47.33 0.10 2.35	47.26 0.00 1.67	44.11 0.10 4.98	42.69 0.39 6.92	43.03 0.68 9.72	43.33 0.68 9.58	48.72 0.62 8.13	52.39 0.91 13.33	59.23 0.77 11.35	66.09 1.03 13.99	59.64 0.28 10.46	57.90 0.00 8.08	47.15 0.05 5.76	44.11 0.19 2.20	41.51 0.25 0.37	39.07 0.57 -0.51
PORT_JEFF_4 23616	40.95 0.72 0.00	35.93 0.36 0.00	33.82 0.53 0.00	31.51 -0.09 0.00	31.75 0.00 0.00	33.88 0.37 0.00	44.44 0.22 0.01	48.40 0.00 0.81	47.33 0.10 2.35	47.26 0.00 1.67	44.11 0.10 4.98	42.69 0.39 6.92	43.03 0.68 9.72	43.33 0.68 9.58	48.72 0.62 8.13	52.39 0.91 13.33	59.23 0.77 11.35	66.09 1.03 13.99	59.64 0.28 10.46	57.90 0.00 8.08	47.15 0.05 5.76	44.11 0.19 2.20	41.51 0.25 0.37	39.07 0.57 -0.51

PORT_JEFF_IC 23713	41.03 0.80 0.00	35.96 0.39 0.00	33.79 0.50 0.00	31.55 -0.06 0.00	31.81 0.06 0.00	33.95 0.44 0.00	44.53 0.31 0.01	48.21 -0.20 0.81	47.39 0.15 2.34	47.37 0.10 1.66	44.38 0.34 4.96	42.82 0.49 6.89	43.12 0.73 9.68	43.42 0.73 9.54	48.81 0.67 8.09	52.64 1.10 13.27	59.56 1.05 11.30	66.47 1.34 13.93	59.90 0.49 10.41	58.26 0.33 8.04	47.28 0.16 5.73	44.12 0.18 2.19	41.38 0.12 0.37	39.14 0.65 -0.51
PPL PILGRIM_ST_GT1 24216	41.43 1.21 0.00	36.35 0.78 0.00	34.22 0.93 0.00	31.89 0.28 0.00	32.13 0.38 0.00	34.25 0.74 0.00	44.88 0.66 0.01	48.91 0.49 0.79	47.90 0.60 2.28	47.87 0.54 1.60	44.86 0.74 4.87	43.37 0.93 6.77	43.76 1.20 9.51	44.00 1.15 9.38	49.69 1.41 7.95	53.71 1.94 13.04	60.33 1.61 11.10	67.65 2.29 13.70	60.85 1.26 10.23	58.92 0.86 7.91	48.00 0.79 5.64	44.62 0.65 2.15	42.02 0.75 0.35	39.48 0.99 -0.51
PPL PILGRIM_ST_GT2 24217	41.43 1.21 0.00	36.35 0.78 0.00	34.22 0.93 0.00	31.89 0.28 0.00	32.13 0.38 0.00	34.25 0.74 0.00	44.88 0.66 0.01	48.91 0.49 0.79	47.90 0.60 2.28	47.87 0.54 1.60	44.86 0.74 4.87	43.37 0.93 6.77	43.76 1.20 9.51	44.00 1.15 9.38	49.69 1.41 7.95	53.71 1.94 13.04	60.33 1.61 11.10	67.65 2.29 13.70	60.85 1.26 10.23	58.92 0.86 7.91	48.00 0.79 5.64	44.62 0.65 2.15	42.02 0.75 0.35	39.48 0.99 -0.51
PPL_SHRM_GT3 24213	40.51 0.28 0.00	35.50 -0.07 0.00	33.45 0.17 0.00	31.10 -0.51 0.00	31.37 -0.38 0.00	33.51 0.00 0.00	43.95 -0.26 0.01	47.91 -0.49 0.81	46.79 -0.45 2.35	46.73 -0.54 1.67	43.68 -0.34 4.97	42.21 -0.10 6.90	42.48 0.10 9.70	42.83 0.16 9.56	48.40 0.28 8.11	52.22 0.71 13.30	59.05 0.56 11.33	66.12 1.03 13.96	59.53 0.14 10.43	57.72 -0.20 8.06	46.85 -0.26 5.74	43.70 -0.23 2.20	41.05 -0.21 0.37	38.65 0.15 -0.51
PPL_SHRM_GT4 24214	40.51 0.28 0.00	35.50 -0.07 0.00	33.45 0.17 0.00	31.10 -0.51 0.00	31.37 -0.38 0.00	33.51 0.00 0.00	43.95 -0.26 0.01	47.91 -0.49 0.81	46.79 -0.45 2.35	46.73 -0.54 1.67	43.68 -0.34 4.97	42.21 -0.10 6.90	42.48 0.10 9.70	42.83 0.16 9.56	48.40 0.28 8.11	52.22 0.71 13.30	59.05 0.56 11.33	66.12 1.03 13.96	59.53 0.14 10.43	57.72 -0.20 8.06	46.85 -0.26 5.74	43.70 -0.23 2.20	41.05 -0.21 0.37	38.65 0.15 -0.51
PROJECT___ORANGE 1 24174	42.58 -0.16 -2.51	37.30 -0.14 -1.87	34.78 -0.13 -1.63	32.86 -0.09 -1.34	33.00 -0.10 -1.35	36.85 -0.07 -3.41	48.18 -0.04 -4.00	54.12 0.54 -4.37	54.43 0.45 -4.40	53.22 0.54 -3.75	52.96 0.59 -3.38	53.87 0.59 -4.06	55.99 0.47 -3.45	56.81 0.52 -4.06	60.19 0.45 -3.51	66.71 0.39 -1.52	73.07 -0.14 -3.39	84.83 0.00 -5.78	75.70 -0.07 -5.95	72.67 0.07 -6.63	57.53 0.00 -4.68	49.70 0.00 -3.58	44.78 -0.04 -3.19	40.83 0.00 -2.85
PROJECT___ORANGE 2 24166	42.58 -0.16 -2.51	37.30 -0.14 -1.87	34.78 -0.13 -1.63	32.86 -0.09 -1.34	33.00 -0.10 -1.35	36.85 -0.07 -3.41	48.18 -0.04 -4.00	54.12 0.54 -4.37	54.43 0.45 -4.40	53.22 0.54 -3.75	52.96 0.59 -3.38	53.87 0.59 -4.06	55.99 0.47 -3.45	56.81 0.52 -4.06	60.19 0.45 -3.51	66.71 0.39 -1.52	73.07 -0.14 -3.39	84.83 0.00 -5.78	75.70 -0.07 -5.95	72.67 0.07 -6.63	57.53 0.00 -4.68	49.70 0.00 -3.58	44.78 -0.04 -3.19	40.83 0.00 -2.85
PUCKETT___SOLAR 323809	42.86 1.12 -1.51	37.62 0.92 -1.12	35.18 0.97 -0.92	33.37 0.98 -0.78	33.47 0.92 -0.79	36.15 1.10 -1.53	47.73 1.55 -1.96	53.16 1.72 -2.23	53.37 1.54 -2.25	52.36 1.52 -1.91	52.20 1.32 -1.88	52.45 1.23 -2.01	55.66 1.30 -2.29	55.73 1.25 -2.25	59.54 1.18 -2.13	67.31 1.42 -1.08	73.98 1.75 -2.42	85.54 2.37 -4.12	76.24 2.38 -4.05	72.68 2.44 -4.26	57.34 1.80 -2.69	49.81 1.57 -2.11	44.48 1.25 -1.60	40.61 1.18 -1.44
PYRITES___HYD 24023	57.21 1.61 -15.38	48.40 1.42 -11.40	47.20 1.36 -12.55	42.33 1.30 -9.42	41.92 1.24 -8.94	82.52 1.54 -47.46	93.39 1.99 -47.18	98.28 2.12 -46.96	90.77 1.93 -39.25	84.12 1.61 -33.58	73.82 1.57 -23.26	89.84 1.53 -39.10	61.45 1.41 -7.98	82.43 1.57 -28.63	75.00 1.86 -16.91	67.14 2.01 -0.32	72.36 1.82 -0.72	81.55 1.26 -1.23	83.16 2.30 -11.04	94.07 2.64 -25.46	89.58 2.06 -34.66	71.64 1.94 -23.57	79.10 1.79 -35.68	70.55 1.52 -31.04
QUAKERRD_115KV_BK1 80622	40.95 -0.48 -1.21	36.05 -0.43 -0.90	33.66 -0.37 -0.74	31.92 -0.32 -0.63	32.04 -0.35 -0.64	34.48 -0.27 -1.23	45.27 -0.53 -1.58	50.46 -0.54 -1.79	50.55 -0.84 -1.81	50.08 -0.39 -1.54	50.22 -0.29 -1.52	50.34 -0.49 -1.62	53.44 -0.47 -1.84	53.73 -0.31 -1.81	57.32 -0.62 -1.71	64.57 -1.10 -0.87	70.64 -1.12 -1.94	81.18 -1.19 -3.31	72.31 -0.77 -3.26	68.94 -0.46 -3.43	54.48 -0.53 -2.16	47.41 -0.42 -1.70	42.42 -0.50 -1.29	38.88 -0.27 -1.16
QUENSBRY_115KV_TB8 356137	41.07 0.84 0.00	36.32 0.75 0.00	34.09 0.80 0.00	32.40 0.79 0.00	32.57 0.83 0.00	34.25 0.74 0.00	45.46 1.24 0.00	51.17 1.57 -0.39	50.82 1.24 0.00	49.05 1.03 0.91	48.78 0.78 0.99	49.12 0.79 0.88	51.45 0.68 1.30	52.29 0.73 0.68	55.48 0.79 1.54	63.92 1.17 2.05	68.99 1.47 2.29	80.14 2.61 1.52	84.93 2.09 -13.02	79.56 1.45 -12.14	55.29 1.59 -0.85	47.02 1.48 0.58	42.23 1.21 0.60	38.40 0.91 0.50
RAMAPO___LBMP 323565	41.31 1.09 0.00	36.50 0.92 0.00	34.12 0.83 0.00	32.24 0.63 0.00	32.42 0.67 0.00	34.18 0.67 0.00	45.24 1.02 0.00	50.19 0.98 0.00	50.77 1.19 0.00	50.92 1.13 -0.86	51.11 1.18 -0.94	51.33 1.28 -0.83	54.86 1.56 -1.23	54.89 1.46 -1.20	59.26 1.57 -1.46	68.88 2.14 -1.94	74.22 2.23 -2.17	83.74 3.24 -1.44	73.45 2.02 -1.60	68.38 1.58 -0.82	54.22 1.16 -0.21	47.65 0.97 -0.55	43.20 1.00 -0.57	39.33 0.87 -0.47
RANKINE____ 23646	42.56 1.05 -1.28	37.52 1.00 -0.96	35.14 1.07 -0.79	33.41 1.14 -0.67	33.44 1.02 -0.68	35.99 1.17 -1.30	46.74 0.84 -1.67	51.95 0.84 -1.90	51.60 0.10 -1.92	51.35 0.78 -1.63	51.58 0.98 -1.61	51.37 0.44 -1.71	55.07 1.04 -1.95	55.20 1.04 -1.92	58.78 0.73 -1.82	65.40 -0.32 -0.92	71.95 0.07 -2.06	82.41 -0.16 -3.51	74.39 1.12 -3.46	71.26 1.65 -3.64	56.04 0.90 -2.29	48.94 1.01 -1.80	43.62 0.62 -1.37	40.43 1.22 -1.23
RAVENSWOOD_GT2_1 24244	41.84 1.61 0.00	36.96 1.39 0.00	34.55 1.26 0.00	32.59 0.98 0.00	32.70 0.95 0.00	34.52 1.01 0.00	45.64 1.42 0.00	50.59 1.38 0.00	51.32 1.74 0.00	51.58 1.71 -0.94	51.88 1.86 -1.02	52.14 2.02 -0.90	55.70 2.29 -1.33	55.78 2.25 -1.30	60.34 2.53 -1.58	70.15 3.24 -2.10	75.46 3.28 -2.36	84.89 4.27 -1.57	74.42 2.86 -1.74	69.11 2.24 -0.89	54.72 1.64 -0.22	48.11 1.38 -0.60	43.66 1.42 -0.62	39.75 1.25 -0.51
RAVENSWOOD_GT2_2 24245	41.84 1.61 0.00	36.96 1.39 0.00	34.55 1.26 0.00	32.59 0.98 0.00	32.70 0.95 0.00	34.52 1.01 0.00	45.64 1.42 0.00	50.59 1.38 0.00	51.32 1.74 0.00	51.58 1.71 -0.94	51.88 1.86 -1.02	52.14 2.02 -0.90	55.70 2.29 -1.33	55.78 2.25 -1.30	60.34 2.53 -1.58	70.15 3.24 -2.10	75.46 3.28 -2.36	84.89 4.27 -1.57	74.42 2.86 -1.74	69.11 2.24 -0.89	54.72 1.64 -0.22	48.11 1.38 -0.60	43.66 1.42 -0.62	39.75 1.25 -0.51



RAVENSWOOD_GT2_3 24246	41.84 1.61 0.00	36.96 1.39 0.00	34.59 1.30 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.55 1.04 0.00	45.64 1.42 0.00	50.64 1.43 0.00	51.37 1.79 0.00	51.58 1.71 -0.94	51.88 1.86 -1.02	52.19 2.07 -0.90	55.75 2.34 -1.33	55.83 2.30 -1.30	60.40 2.59 -1.58	70.15 3.24 -2.10	75.53 3.35 -2.36	84.97 4.35 -1.57	74.49 2.93 -1.74	69.17 2.31 -0.89	54.77 1.69 -0.22	48.11 1.38 -0.60	43.71 1.46 -0.62	39.75 1.25 -0.51
RAVENSWOOD_GT2_4 24247	41.84 1.61 0.00	36.96 1.39 0.00	34.59 1.30 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.55 1.04 0.00	45.64 1.42 0.00	50.64 1.43 0.00	51.37 1.79 0.00	51.58 1.71 -0.94	51.88 1.86 -1.02	52.19 2.07 -0.90	55.75 2.34 -1.33	55.83 2.30 -1.30	60.40 2.59 -1.58	70.15 3.24 -2.10	75.53 3.35 -2.36	84.97 4.35 -1.57	74.49 2.93 -1.74	69.17 2.31 -0.89	54.77 1.69 -0.22	48.11 1.38 -0.60	43.71 1.46 -0.62	39.75 1.25 -0.51
RAVENSWOOD_GT3_1 24248	41.84 1.61 0.00	36.96 1.39 0.00	34.55 1.26 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.52 1.01 0.00	45.64 1.42 0.00	50.64 1.43 0.00	51.32 1.74 0.00	51.58 1.71 -0.94	51.88 1.86 -1.02	52.14 2.02 -0.90	55.70 2.29 -1.33	55.78 2.25 -1.30	60.34 2.53 -1.58	70.15 3.24 -2.10	75.46 3.28 -2.36	84.89 4.27 -1.57	74.42 2.86 -1.74	69.11 2.24 -0.89	54.72 1.64 -0.22	48.11 1.38 -0.60	43.66 1.42 -0.62	39.75 1.25 -0.51
RAVENSWOOD_GT3_2 24249	41.84 1.61 0.00	36.96 1.39 0.00	34.55 1.26 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.52 1.01 0.00	45.64 1.42 0.00	50.64 1.43 0.00	51.32 1.74 0.00	51.58 1.71 -0.94	51.88 1.86 -1.02	52.14 2.02 -0.90	55.70 2.29 -1.33	55.78 2.25 -1.30	60.34 2.53 -1.58	70.15 3.24 -2.10	75.46 3.28 -2.36	84.89 4.27 -1.57	74.42 2.86 -1.74	69.11 2.24 -0.89	54.72 1.64 -0.22	48.11 1.38 -0.60	43.66 1.42 -0.62	39.75 1.25 -0.51
RAVENSWOOD_GT3_3 24250	41.92 1.69 0.00	36.99 1.42 0.00	34.62 1.33 0.00	32.62 1.01 0.00	32.77 1.02 0.00	34.55 1.04 0.00	45.68 1.46 0.00	50.69 1.48 0.00	51.42 1.83 0.00	51.63 1.76 -0.94	51.98 1.96 -1.02	52.23 2.12 -0.90	55.80 2.40 -1.33	55.88 2.35 -1.30	60.46 2.64 -1.58	70.28 3.37 -2.10	75.60 3.42 -2.36	85.05 4.43 -1.57	74.56 3.00 -1.74	69.24 2.38 -0.89	54.82 1.74 -0.22	48.20 1.48 -0.60	43.75 1.50 -0.62	39.79 1.29 -0.51
RAVENSWOOD_GT3_4 24251	41.92 1.69 0.00	36.99 1.42 0.00	34.62 1.33 0.00	32.62 1.01 0.00	32.77 1.02 0.00	34.55 1.04 0.00	45.68 1.46 0.00	50.69 1.48 0.00	51.42 1.83 0.00	51.63 1.76 -0.94	51.98 1.96 -1.02	52.23 2.12 -0.90	55.80 2.40 -1.33	55.88 2.35 -1.30	60.46 2.64 -1.58	70.28 3.37 -2.10	75.60 3.42 -2.36	85.05 4.43 -1.57	74.56 3.00 -1.74	69.24 2.38 -0.89	54.82 1.74 -0.22	48.20 1.48 -0.60	43.75 1.50 -0.62	39.79 1.29 -0.51
RAVENSWOOD_GT_1 23729	41.96 1.73 0.00	37.10 1.53 0.00	34.69 1.40 0.00	32.62 1.01 0.00	32.77 1.02 0.00	34.55 1.04 0.00	45.51 1.28 0.00	50.44 1.23 0.00	51.17 1.59 0.00	51.49 1.61 -0.94	51.83 1.81 -1.02	52.09 1.97 -0.90	55.64 2.24 -1.33	55.73 2.19 -1.30	60.34 2.53 -1.58	70.15 3.24 -2.10	75.32 3.14 -2.36	84.73 4.11 -1.57	74.21 2.65 -1.74	68.91 2.05 -0.89	54.50 1.43 -0.22	47.97 1.25 -0.60	43.75 1.50 -0.62	39.79 1.29 -0.51
RAVENSWOOD_GT_10 24258	41.84 1.61 0.00	36.96 1.39 0.00	34.55 1.26 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.52 1.01 0.00	45.64 1.42 0.00	50.64 1.43 0.00	51.32 1.74 0.00	51.58 1.71 -0.94	51.88 1.86 -1.02	52.14 2.02 -0.90	55.75 2.34 -1.33	55.78 2.25 -1.30	60.34 2.53 -1.58	70.15 3.24 -2.10	75.46 3.28 -2.36	84.89 4.27 -1.57	74.42 2.86 -1.74	69.17 2.31 -0.89	54.77 1.69 -0.22	48.11 1.38 -0.60	43.66 1.42 -0.62	39.75 1.25 -0.51
RAVENSWOOD_GT_11 24259	41.84 1.61 0.00	36.96 1.39 0.00	34.55 1.26 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.52 1.01 0.00	45.64 1.42 0.00	50.64 1.43 0.00	51.32 1.74 0.00	51.58 1.71 -0.94	51.88 1.86 -1.02	52.14 2.02 -0.90	55.75 2.34 -1.33	55.78 2.25 -1.30	60.34 2.53 -1.58	70.15 3.24 -2.10	75.46 3.28 -2.36	84.89 4.27 -1.57	74.42 2.86 -1.74	69.17 2.31 -0.89	54.77 1.69 -0.22	48.11 1.38 -0.60	43.66 1.42 -0.62	39.75 1.25 -0.51
RAVENSWOOD_GT_4 24252	41.84 1.61 0.00	36.92 1.35 0.00	34.55 1.26 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.52 1.01 0.00	45.68 1.46 0.00	50.69 1.48 0.00	51.37 1.79 0.00	51.63 1.76 -0.94	51.93 1.91 -1.02	52.19 2.07 -0.90	55.75 2.34 -1.33	55.83 2.30 -1.30	60.40 2.59 -1.58	70.15 3.24 -2.10	75.53 3.35 -2.36	84.97 4.35 -1.57	74.49 2.93 -1.74	69.17 2.31 -0.89	54.82 1.74 -0.22	48.16 1.43 -0.60	43.66 1.42 -0.62	39.75 1.25 -0.51
RAVENSWOOD_GT_5 24254	41.84 1.61 0.00	36.92 1.35 0.00	34.55 1.26 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.52 1.01 0.00	45.68 1.46 0.00	50.69 1.48 0.00	51.37 1.79 0.00	51.63 1.76 -0.94	51.93 1.91 -1.02	52.19 2.07 -0.90	55.75 2.34 -1.33	55.83 2.30 -1.30	60.40 2.59 -1.58	70.15 3.24 -2.10	75.53 3.35 -2.36	84.97 4.35 -1.57	74.49 2.93 -1.74	69.17 2.31 -0.89	54.82 1.74 -0.22	48.16 1.43 -0.60	43.66 1.42 -0.62	39.75 1.25 -0.51
RAVENSWOOD_GT_6 24253	41.84 1.61 0.00	36.92 1.35 0.00	34.55 1.26 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.52 1.01 0.00	45.68 1.46 0.00	50.69 1.48 0.00	51.37 1.79 0.00	51.63 1.76 -0.94	51.93 1.91 -1.02	52.19 2.07 -0.90	55.75 2.34 -1.33	55.83 2.30 -1.30	60.40 2.59 -1.58	70.15 3.24 -2.10	75.53 3.35 -2.36	84.97 4.35 -1.57	74.49 2.93 -1.74	69.17 2.31 -0.89	54.82 1.74 -0.22	48.16 1.43 -0.60	43.66 1.42 -0.62	39.75 1.25 -0.51
RAVENSWOOD_GT_7 24255	41.84 1.61 0.00	36.92 1.35 0.00	34.55 1.26 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.52 1.01 0.00	45.68 1.46 0.00	50.69 1.48 0.00	51.37 1.79 0.00	51.63 1.76 -0.94	51.93 1.91 -1.02	52.19 2.07 -0.90	55.75 2.34 -1.33	55.83 2.30 -1.30	60.40 2.59 -1.58	70.15 3.24 -2.10	75.53 3.35 -2.36	84.97 4.35 -1.57	74.49 2.93 -1.74	69.17 2.31 -0.89	54.82 1.74 -0.22	48.16 1.43 -0.60	43.66 1.42 -0.62	39.75 1.25 -0.51
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	41.84 1.61 0.00	36.96 1.39 0.00	34.55 1.26 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.52 1.01 0.00	45.64 1.42 0.00	50.64 1.43 0.00	51.32 1.74 0.00	51.58 1.71 -0.94	51.88 1.86 -1.02	52.14 2.02 -0.90	55.75 2.34 -1.33	55.78 2.25 -1.30	60.34 2.53 -1.58	70.15 3.24 -2.10	75.46 3.28 -2.36	84.89 4.27 -1.57	74.42 2.86 -1.74	69.17 2.31 -0.89	54.77 1.69 -0.22	48.11 1.38 -0.60	43.66 1.42 -0.62	39.75 1.25 -0.51
RAVENSWOOD_GT_9 24257	41.84 1.61 0.00	36.96 1.39 0.00	34.55 1.26 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.52 1.01 0.00	45.64 1.42 0.00	50.64 1.43 0.00	51.32 1.74 0.00	51.58 1.71 -0.94	51.88 1.86 -1.02	52.14 2.02 -0.90	55.75 2.34 -1.33	55.78 2.25 -1.30	60.34 2.53 -1.58	70.15 3.24 -2.10	75.46 3.28 -2.36	84.89 4.27 -1.57	74.42 2.86 -1.74	69.17 2.31 -0.89	54.77 1.69 -0.22	48.11 1.38 -0.60	43.66 1.42 -0.62	39.75 1.25 -0.51

RAVENSWOOD___1 23533	41.95 1.73 0.00	37.10 1.53 0.00	34.69 1.40 0.00	32.59 0.98 0.00	32.73 0.99 0.00	34.52 1.00 0.00	45.51 1.28 0.00	50.54 1.33 0.00	51.17 1.59 0.00	51.44 1.57 -0.94	51.78 1.76 -1.02	52.04 1.92 -0.90	55.59 2.19 -1.33	55.68 2.14 -1.30	60.29 2.47 -1.58	70.15 3.24 -2.10	75.11 2.93 -2.36	84.42 3.79 -1.57	74.00 2.44 -1.74	68.84 1.98 -0.89	54.55 1.48 -0.22	48.06 1.34 -0.60	43.83 1.58 -0.62	39.75 1.25 -0.51
RAVENSWOOD___2 23534	41.92 1.69 0.00	37.10 1.53 0.00	34.65 1.37 0.00	32.59 0.98 0.00	32.73 0.99 0.00	34.49 0.97 0.00	45.46 1.24 0.00	50.54 1.33 0.00	51.17 1.59 0.00	51.39 1.52 -0.94	51.78 1.76 -1.02	51.99 1.87 -0.90	55.59 2.19 -1.33	55.68 2.14 -1.30	60.29 2.47 -1.58	70.08 3.17 -2.10	75.11 2.93 -2.36	84.34 3.72 -1.57	73.94 2.38 -1.74	68.84 1.98 -0.89	54.50 1.43 -0.22	48.06 1.34 -0.60	43.79 1.54 -0.62	39.71 1.22 -0.51
RAVENSWOOD___3 23535	41.84 1.61 0.00	37.00 1.42 0.00	34.58 1.30 0.00	32.59 0.98 0.00	32.73 0.99 0.00	34.52 1.00 0.00	45.64 1.41 0.00	50.78 1.57 0.00	51.32 1.73 0.00	51.58 1.71 -0.94	51.88 1.86 -1.02	52.09 1.97 -0.90	55.69 2.29 -1.33	55.78 2.24 -1.30	60.35 2.53 -1.58	70.15 3.24 -2.10	75.39 3.21 -2.36	84.65 4.03 -1.57	74.28 2.72 -1.74	69.11 2.24 -0.89	54.77 1.69 -0.22	48.20 1.48 -0.60	43.79 1.54 -0.62	39.75 1.25 -0.51
RAVENSWOOD___4 23820	41.92 1.69 0.00	37.07 1.49 0.00	34.65 1.37 0.00	32.59 0.98 0.00	32.73 0.99 0.00	34.49 0.97 0.00	45.46 1.24 0.00	50.54 1.33 0.00	51.17 1.59 0.00	51.39 1.52 -0.94	51.78 1.76 -1.02	51.99 1.87 -0.90	55.59 2.19 -1.33	55.68 2.14 -1.30	60.29 2.47 -1.58	70.08 3.17 -2.10	75.11 2.93 -2.36	84.34 3.72 -1.57	73.94 2.38 -1.74	68.78 1.91 -0.89	54.50 1.43 -0.22	48.06 1.34 -0.60	43.79 1.54 -0.62	39.71 1.22 -0.51
RCPL_TRUST___DRP 24196	41.84 1.61 0.00	36.96 1.39 0.00	34.55 1.26 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.55 1.04 0.00	45.73 1.50 0.00	50.74 1.53 0.00	51.47 1.88 0.00	51.68 1.81 -0.94	51.98 1.96 -1.02	52.28 2.17 -0.90	55.85 2.45 -1.33	55.94 2.40 -1.30	60.51 2.70 -1.58	70.28 3.37 -2.10	75.67 3.49 -2.36	85.13 4.51 -1.57	74.63 3.07 -1.74	69.31 2.44 -0.89	54.87 1.80 -0.22	48.20 1.48 -0.60	43.71 1.46 -0.62	39.79 1.29 -0.51
RED___ROCHESTER 323720	42.23 0.80 -1.20	37.04 0.57 -0.90	34.69 0.67 -0.74	32.93 0.69 -0.63	33.02 0.63 -0.64	35.57 0.84 -1.22	46.63 0.84 -1.57	51.68 0.69 -1.78	51.98 0.60 -1.80	51.64 1.17 -1.53	51.68 1.17 -1.51	51.95 1.13 -1.61	55.15 1.25 -1.83	55.49 1.46 -1.80	59.11 1.18 -1.70	66.58 0.91 -0.87	72.73 0.98 -1.93	83.46 1.11 -3.29	74.73 1.67 -3.24	71.03 1.65 -3.41	56.22 1.22 -2.15	49.01 1.20 -1.69	43.74 0.83 -1.28	40.13 0.99 -1.16
REGAN___SOLAR 323812	42.36 2.13 0.00	37.42 1.85 0.00	35.12 1.83 0.00	33.31 1.71 0.00	33.49 1.75 0.00	35.49 1.98 0.00	47.14 2.92 0.00	52.56 3.35 0.00	52.21 2.63 0.00	50.38 2.05 0.61	49.75 1.42 0.66	49.91 1.28 0.59	52.35 1.14 0.87	52.49 1.10 0.84	56.44 1.24 1.03	65.38 1.94 1.37	71.15 2.86 1.53	82.70 4.66 1.02	73.09 4.40 1.13	69.42 4.02 0.58	56.19 3.49 0.15	48.78 3.04 0.39	43.81 2.58 0.40	39.78 2.13 0.33
RENSSELAER___COGEN 23796	39.58 -0.65 0.00	35.07 -0.50 0.00	32.72 -0.57 0.00	31.07 -0.54 0.00	31.27 -0.48 0.00	32.98 -0.54 0.00	43.43 -0.79 0.00	47.93 -0.79 0.49	48.74 -0.84 0.00	47.25 -0.93 0.75	47.19 -0.98 0.82	47.55 -0.94 0.73	50.01 -0.99 1.07	49.47 -0.99 1.77	53.89 -1.07 1.27	62.08 -1.04 1.69	66.80 -1.12 1.89	76.93 -0.87 1.26	48.77 -1.33 19.72	47.68 -1.39 16.91	50.39 -0.95 1.51	44.86 -0.78 0.48	40.59 -0.54 0.50	37.01 -0.57 0.41
REPUBLIC_115KV_BARTNBRK 55605	42.76 2.53 0.00	37.81 2.24 0.00	35.55 2.26 0.00	33.76 2.15 0.00	33.94 2.19 0.00	35.83 2.31 0.00	47.67 3.45 0.00	53.80 4.18 -0.41	53.00 3.42 0.00	51.19 3.18 0.93	50.73 2.74 1.01	51.08 2.76 0.89	53.41 2.66 1.31	54.22 2.66 0.67	57.59 2.92 1.56	66.36 3.63 2.07	71.82 4.33 2.33	83.76 6.25 1.54	89.02 5.59 -13.61	83.26 4.62 -12.67	58.13 4.39 -0.89	49.32 3.78 0.59	44.14 3.12 0.61	40.03 2.55 0.50
REVERE_CPPR_DRP 24186	43.74 1.37 -2.15	38.38 1.21 -1.60	36.06 1.20 -1.58	33.98 1.14 -1.24	34.09 1.14 -1.20	39.71 1.37 -4.82	51.36 2.08 -5.05	56.96 2.56 -5.19	56.60 2.38 -4.64	55.10 2.20 -3.96	54.22 2.16 -3.07	55.77 2.07 -4.49	56.16 2.08 -2.01	58.06 2.09 -3.74	61.15 2.25 -2.67	68.25 2.79 -0.65	74.00 2.72 -1.46	84.95 3.40 -2.49	76.09 3.00 -3.27	73.86 3.30 -4.58	59.77 2.48 -4.43	51.38 2.08 -3.18	47.23 1.71 -3.89	42.88 1.48 -3.41
REYNLDPA_13_KV_LD 356490	38.72 0.56 2.07	34.57 0.53 1.54	32.05 0.47 1.70	30.78 0.44 1.27	30.95 0.41 1.21	27.50 0.50 6.52	38.29 0.53 6.46	43.23 0.44 6.42	44.84 0.60 5.34	44.95 0.59 4.57	46.49 0.64 3.14	44.48 0.59 5.33	51.58 0.52 1.01	48.94 0.58 3.87	54.65 0.68 2.25	65.26 0.46 0.00	70.44 0.63 0.00	79.21 0.16 0.00	69.36 0.91 1.36	63.54 0.92 3.35	48.84 0.69 4.70	43.41 0.46 3.18	37.20 0.46 4.88	34.20 0.46 4.25
REYNOLDS_115KV_TB3 80639	40.02 -0.20 0.00	35.43 -0.14 0.00	33.09 -0.20 0.00	31.42 -0.19 0.00	31.59 -0.16 0.00	33.31 -0.20 0.00	43.96 -0.27 0.00	48.34 -0.25 0.62	49.34 -0.25 0.00	47.73 -0.29 0.91	47.66 -0.34 0.99	48.04 -0.30 0.87	50.47 -0.31 1.29	49.73 -0.31 2.19	54.36 -0.34 1.53	62.57 -0.19 2.04	67.39 -0.14 2.29	77.86 0.32 1.52	44.23 -0.35 25.24	43.71 -0.59 21.67	50.55 -0.37 1.93	45.27 -0.28 0.58	40.90 -0.12 0.60	37.30 -0.19 0.49
RIVERBAY____ 323610	42.53 2.29 -0.01	37.61 2.03 -0.01	35.16 1.86 -0.01	33.10 1.49 -0.01	33.22 1.46 -0.01	34.95 1.44 0.00	45.86 1.64 0.00	50.64 1.43 0.00	51.37 1.79 0.00	51.58 1.71 -0.94	51.98 1.96 -1.02	52.23 2.12 -0.90	55.80 2.40 -1.33	55.88 2.35 -1.30	60.51 2.70 -1.58	70.34 3.43 -2.10	75.53 3.35 -2.36	84.89 4.27 -1.57	74.42 2.86 -1.74	69.11 2.24 -0.89	54.66 1.59 -0.22	48.25 1.52 -0.60	44.25 2.00 -0.62	40.29 1.79 -0.52
RIVERSDE_115KV_TB3 55908	39.86 -0.36 0.00	35.29 -0.28 0.00	32.95 -0.33 0.00	31.29 -0.32 0.00	31.50 -0.25 0.00	33.21 -0.30 0.00	43.78 -0.44 0.00	48.28 -0.39 0.54	49.14 -0.45 0.00	47.60 -0.49 0.84	47.55 -0.54 0.91	47.92 -0.49 0.80	50.36 -0.52 1.19	49.75 -0.52 1.96	54.26 -0.56 1.41	62.48 -0.45 1.87	67.23 -0.49 2.10	77.66 0.00 1.40	47.45 -0.63 21.74	46.41 -0.92 18.64	50.66 -0.53 1.67	45.13 -0.46 0.53	40.83 -0.25 0.55	37.19 -0.34 0.45
ROARING___BROOK_WT_PWR 323790	39.88 0.00 0.34	35.35 0.04 0.25	33.04 0.03 0.28	31.43 0.03 0.21	31.55 0.00 0.20	32.47 0.03 1.07	43.16 0.00 1.06	48.10 -0.05 1.06	48.71 0.00 0.87	48.18 0.00 0.75	48.48 0.00 0.51	48.34 0.00 0.87	51.85 -0.05 0.17	51.60 0.00 0.63	55.86 0.00 0.37	64.74 -0.06 0.00	69.75 -0.07 0.00	78.90 -0.16 0.00	69.52 -0.07 0.22	65.22 -0.20 0.55	51.76 -0.32 0.77	45.19 -0.42 0.52	40.33 -0.50 0.80	36.75 -0.53 0.70

ROCHESRG_115KV_T4 355643	41.80 0.40 -1.17	36.80 0.36 -0.88	34.41 0.40 -0.72	32.63 0.41 -0.61	32.75 0.38 -0.62	35.21 0.50 -1.19	46.11 0.35 -1.53	51.39 0.44 -1.74	51.39 0.05 -1.75	50.96 0.54 -1.49	51.15 0.69 -1.47	51.18 0.39 -1.57	54.43 0.57 -1.79	54.72 0.73 -1.75	58.34 0.45 -1.66	65.65 0.00 -0.84	71.84 0.14 -1.89	82.43 0.16 -3.21	73.54 0.56 -3.16	70.16 0.86 -3.33	55.48 0.53 -2.10	48.33 0.55 -1.65	43.21 0.33 -1.25	39.72 0.61 -1.13
ROCHESTER_9_IC 23652	42.03 0.60 -1.20	37.00 0.53 -0.90	34.59 0.57 -0.74	32.80 0.57 -0.63	32.92 0.54 -0.64	35.41 0.67 -1.22	46.41 0.62 -1.57	51.78 0.79 -1.78	51.73 0.35 -1.80	51.39 0.93 -1.53	51.53 1.03 -1.51	51.56 0.74 -1.61	54.84 0.94 -1.83	55.18 1.15 -1.80	58.78 0.84 -1.70	66.12 0.45 -0.87	72.31 0.56 -1.93	83.06 0.71 -3.29	74.11 1.05 -3.24	70.70 1.32 -3.41	55.90 0.90 -2.15	48.69 0.88 -1.69	43.54 0.62 -1.28	39.98 0.84 -1.16
ROCKVIEW_13_KV_LD 356306	41.75 1.53 0.00	36.89 1.32 0.00	34.49 1.20 0.00	32.56 0.95 0.00	32.67 0.92 0.00	34.49 0.97 0.00	45.68 1.46 0.00	50.69 1.48 0.00	51.37 1.79 0.00	51.58 1.71 -0.94	51.88 1.86 -1.02	52.14 2.02 -0.90	55.75 2.34 -1.33	55.78 2.25 -1.30	60.34 2.53 -1.58	70.08 3.18 -2.10	75.53 3.35 -2.36	84.97 4.35 -1.57	74.49 2.93 -1.74	69.24 2.38 -0.89	54.82 1.74 -0.22	48.20 1.48 -0.60	43.66 1.42 -0.62	39.75 1.25 -0.51
ROME____115KV_TB2 80656	43.74 1.37 -2.15	38.38 1.21 -1.60	36.06 1.20 -1.58	33.98 1.14 -1.24	34.09 1.14 -1.20	39.71 1.37 -4.82	51.36 2.08 -5.05	56.96 2.56 -5.19	56.60 2.38 -4.64	55.10 2.20 -3.96	54.22 2.16 -3.07	55.77 2.07 -4.49	56.16 2.08 -2.01	58.06 2.09 -3.74	61.15 2.25 -2.67	68.25 2.79 -0.65	74.00 2.72 -1.46	84.95 3.40 -2.49	76.09 3.00 -3.27	73.86 3.30 -4.58	59.77 2.48 -4.43	51.38 2.08 -3.18	47.23 1.71 -3.89	42.88 1.48 -3.41
ROSETON___1 23587	41.03 0.80 0.00	36.28 0.71 0.00	33.92 0.63 0.00	32.08 0.47 0.00	32.23 0.48 0.00	33.95 0.43 0.00	44.93 0.71 0.00	49.95 0.74 0.00	50.37 0.79 0.00	50.54 0.74 -0.87	50.72 0.78 -0.95	50.89 0.84 -0.84	54.35 1.04 -1.24	54.43 0.99 -1.20	58.76 1.07 -1.47	68.25 1.49 -1.95	73.47 1.47 -2.19	82.72 2.21 -1.45	72.62 1.19 -1.61	67.66 0.86 -0.83	53.80 0.74 -0.21	47.37 0.69 -0.55	42.99 0.79 -0.57	39.06 0.61 -0.47
ROSETON___2 23588	41.03 0.80 0.00	36.28 0.71 0.00	33.92 0.63 0.00	32.08 0.47 0.00	32.23 0.48 0.00	33.95 0.43 0.00	44.93 0.71 0.00	49.95 0.74 0.00	50.37 0.79 0.00	50.54 0.74 -0.87	50.72 0.78 -0.95	50.89 0.84 -0.84	54.35 1.04 -1.24	54.43 0.99 -1.20	58.76 1.07 -1.47	68.25 1.49 -1.95	73.47 1.47 -2.19	82.72 2.21 -1.45	72.62 1.19 -1.61	67.66 0.86 -0.83	53.80 0.74 -0.21	47.37 0.69 -0.55	42.99 0.79 -0.57	39.06 0.61 -0.47
ROTRDAM_115KV_TB3 80664	40.75 0.52 0.00	36.03 0.46 0.00	33.72 0.43 0.00	32.02 0.41 0.00	32.19 0.44 0.00	33.92 0.40 0.00	44.89 0.66 0.00	50.12 0.79 -0.12	50.23 0.64 0.00	48.77 0.54 0.70	48.72 0.49 0.76	49.03 0.49 0.67	51.60 0.52 1.00	51.96 0.52 0.79	55.61 0.56 1.18	64.01 0.78 1.57	69.03 0.98 1.76	79.47 1.58 1.17	73.95 0.98 -3.16	69.97 0.73 -3.27	53.75 0.74 -0.16	46.37 0.69 0.45	41.79 0.62 0.46	38.10 0.49 0.38
RUSSELL___1 23602	42.23 0.80 -1.20	37.14 0.68 -0.90	34.73 0.70 -0.74	32.93 0.70 -0.63	33.05 0.67 -0.64	35.57 0.84 -1.22	46.63 0.84 -1.57	52.03 1.03 -1.78	51.98 0.60 -1.80	51.69 1.22 -1.53	51.83 1.32 -1.51	51.85 1.03 -1.61	55.15 1.25 -1.83	55.49 1.46 -1.80	59.11 1.18 -1.70	66.45 0.78 -0.87	72.66 0.91 -1.93	83.53 1.19 -3.29	74.53 1.47 -3.24	71.03 1.65 -3.41	56.22 1.22 -2.15	48.97 1.15 -1.69	43.74 0.83 -1.28	40.13 0.99 -1.16
RUSSELL___2 23532	42.23 0.80 -1.20	37.14 0.68 -0.90	34.73 0.70 -0.74	32.93 0.70 -0.63	33.05 0.67 -0.64	35.57 0.84 -1.22	46.63 0.84 -1.57	52.03 1.03 -1.78	51.98 0.60 -1.80	51.69 1.22 -1.53	51.83 1.32 -1.51	51.85 1.03 -1.61	55.15 1.25 -1.83	55.49 1.46 -1.80	59.11 1.18 -1.70	66.45 0.78 -0.87	72.66 0.91 -1.93	83.53 1.19 -3.29	74.53 1.47 -3.24	71.03 1.65 -3.41	56.22 1.22 -2.15	48.97 1.15 -1.69	43.74 0.83 -1.28	40.13 0.99 -1.16
RUSSELL___3 23549	42.23 0.80 -1.20	37.14 0.68 -0.90	34.73 0.70 -0.74	32.93 0.70 -0.63	33.05 0.67 -0.64	35.57 0.84 -1.22	46.63 0.84 -1.57	52.03 1.03 -1.78	51.98 0.60 -1.80	51.69 1.22 -1.53	51.83 1.32 -1.51	51.85 1.03 -1.61	55.15 1.25 -1.83	55.49 1.46 -1.80	59.11 1.18 -1.70	66.45 0.78 -0.87	72.66 0.91 -1.93	83.53 1.19 -3.29	74.53 1.47 -3.24	71.03 1.65 -3.41	56.22 1.22 -2.15	48.97 1.15 -1.69	43.74 0.83 -1.28	40.13 0.99 -1.16
RUSSELL___4 23556	42.23 0.80 -1.20	37.14 0.68 -0.90	34.73 0.70 -0.74	32.93 0.70 -0.63	33.05 0.67 -0.64	35.57 0.84 -1.22	46.63 0.84 -1.57	52.03 1.03 -1.78	51.98 0.60 -1.80	51.69 1.22 -1.53	51.83 1.32 -1.51	51.85 1.03 -1.61	55.15 1.25 -1.83	55.49 1.46 -1.80	59.11 1.18 -1.70	66.45 0.78 -0.87	72.66 0.91 -1.93	83.53 1.19 -3.29	74.53 1.47 -3.24	71.03 1.65 -3.41	56.22 1.22 -2.15	48.97 1.15 -1.69	43.74 0.83 -1.28	40.13 0.99 -1.16
RUSSELL___STATION 23914	42.23 0.80 -1.20	37.14 0.68 -0.90	34.73 0.70 -0.74	32.93 0.70 -0.63	33.05 0.67 -0.64	35.57 0.84 -1.22	46.63 0.84 -1.57	52.03 1.03 -1.78	51.98 0.60 -1.80	51.69 1.22 -1.53	51.83 1.32 -1.51	51.85 1.03 -1.61	55.15 1.25 -1.83	55.49 1.46 -1.80	59.11 1.18 -1.70	66.45 0.78 -0.87	72.66 0.91 -1.93	83.53 1.19 -3.29	74.53 1.47 -3.24	71.03 1.65 -3.41	56.22 1.22 -2.15	48.97 1.15 -1.69	43.74 0.83 -1.28	40.13 0.99 -1.16
S SALMON___HYD 24043	45.03 0.48 -4.32	39.18 0.39 -3.21	36.69 0.43 -2.97	34.44 0.44 -2.39	34.53 0.41 -2.37	41.76 0.60 -7.64	53.51 0.88 -8.40	59.22 1.13 -8.87	58.72 0.94 -8.19	56.81 0.88 -7.00	55.64 0.78 -5.86	57.69 0.74 -7.74	57.71 0.63 -5.01	59.95 0.63 -7.09	62.50 0.62 -5.65	67.65 0.84 -2.01	74.86 0.56 -4.49	87.41 0.71 -7.64	79.04 0.70 -8.53	77.41 1.05 -10.39	62.10 0.79 -8.45	53.31 0.92 -6.26	48.87 0.66 -6.58	44.48 0.68 -5.81
S.PERRY__115KV_TB1 80734	43.84 2.17 -1.44	38.53 1.89 -1.08	36.04 1.86 -0.89	34.16 1.80 -0.75	34.32 1.81 -0.76	37.09 2.11 -1.47	48.71 2.61 -1.88	54.55 3.20 -2.14	54.17 2.43 -2.16	53.36 2.59 -1.84	53.15 2.35 -1.81	52.91 1.77 -1.93	56.25 1.98 -2.20	56.64 2.25 -2.16	60.46 2.19 -2.04	67.98 2.14 -1.04	75.07 2.93 -2.32	86.72 3.72 -3.95	77.96 4.26 -3.89	74.68 4.62 -4.09	58.71 3.28 -2.58	51.01 2.86 -2.02	45.41 2.25 -1.54	41.69 2.32 -1.39
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	42.25 0.76 -1.26	37.25 0.75 -0.94	34.92 0.87 -0.77	33.18 0.92 -0.65	33.21 0.79 -0.66	35.73 0.94 -1.28	46.22 0.35 -1.64	51.27 0.20 -1.86	50.96 -0.50 -1.88	50.77 0.24 -1.60	51.01 0.44 -1.57	50.74 -0.15 -1.68	54.50 0.52 -1.91	54.63 0.52 -1.88	58.12 0.11 -1.78	64.67 -1.04 -0.90	71.07 -0.77 -2.02	81.31 -1.19 -3.44	73.34 0.14 -3.38	70.26 0.73 -3.56	55.36 0.26 -2.24	48.44 0.55 -1.76	43.18 0.21 -1.34	40.14 0.95 -1.21

SAWYER___23_KV_LOAD 55526	42.25 0.76 -1.26	37.25 0.75 -0.94	34.92 0.87 -0.77	33.18 0.92 -0.65	33.21 0.79 -0.66	35.73 0.94 -1.28	46.22 0.35 -1.64	51.27 0.20 -1.86	50.96 -0.50 -1.88	50.77 0.24 -1.60	51.01 0.44 -1.57	50.74 -0.15 -1.68	54.50 0.52 -1.91	54.63 0.52 -1.88	58.12 0.11 -1.78	64.67 -1.04 -0.90	71.07 -0.77 -2.02	81.31 -1.19 -3.44	73.34 0.14 -3.38	70.26 0.73 -3.56	55.36 0.26 -2.24	48.44 0.55 -1.76	43.18 0.21 -1.34	40.14 0.95 -1.21
SELKIRK___I 23801	39.30 -0.92 0.00	34.82 -0.75 0.00	32.56 -0.73 0.00	30.88 -0.73 0.00	31.08 -0.67 0.00	32.74 -0.77 0.00	43.21 -1.02 0.00	47.88 -1.04 0.29	48.39 -1.19 0.00	47.18 -1.27 0.48	47.11 -1.37 0.52	47.38 -1.38 0.46	49.94 -1.46 0.68	49.68 -1.46 1.09	53.85 -1.57 0.80	61.55 -1.62 1.64	64.85 -1.68 3.29	76.84 -1.42 0.79	56.27 -1.68 11.87	54.03 -1.78 10.16	50.78 -1.16 0.91	44.85 -0.97 0.30	40.57 -0.75 0.31	37.77 0.04 0.26
SELKIRK___II 23799	39.54 -0.68 0.00	35.04 -0.53 0.00	32.69 -0.60 0.00	31.04 -0.57 0.00	31.24 -0.51 0.00	32.91 -0.60 0.00	43.43 -0.79 0.00	48.10 -0.79 0.32	48.69 -0.89 0.00	47.41 -0.98 0.54	47.42 -0.98 0.59	47.76 -0.94 0.52	50.31 -0.99 0.77	50.00 -0.99 1.24	54.24 -1.07 0.92	60.72 -1.10 2.98	60.72 -1.25 7.84	77.12 -1.03 0.90	55.19 -1.40 13.23	53.20 -1.45 11.32	50.83 -1.01 1.02	44.95 -0.83 0.35	40.65 -0.62 0.36	37.12 -0.57 0.29
SENECA OSWGO___HYD 24041	42.23 -0.20 -2.20	37.00 -0.21 -1.64	34.56 -0.17 -1.44	32.67 -0.13 -1.18	32.81 -0.13 -1.19	36.56 -0.07 -3.11	47.79 -0.04 -3.61	53.28 0.15 -3.93	53.53 0.10 -3.84	52.36 0.15 -3.28	52.03 0.10 -2.93	52.87 0.10 -3.56	55.07 0.05 -2.95	55.86 0.10 -3.52	59.26 0.00 -3.03	66.09 0.00 -1.29	72.49 -0.21 -2.88	83.88 -0.08 -4.91	74.92 0.00 -5.10	71.78 0.07 -5.74	56.98 0.00 -4.13	49.32 0.05 -3.14	44.42 -0.08 -2.88	40.51 -0.04 -2.56
SENECA___115KV_TB3 355854	42.60 1.09 -1.28	37.56 1.03 -0.96	35.17 1.10 -0.79	33.45 1.17 -0.67	33.48 1.05 -0.68	36.06 1.24 -1.30	46.78 0.88 -1.67	52.00 0.89 -1.90	51.70 0.20 -1.92	51.45 0.88 -1.63	51.68 1.08 -1.61	51.47 0.54 -1.71	55.17 1.15 -1.95	55.30 1.15 -1.92	58.89 0.84 -1.82	65.53 -0.19 -0.92	72.09 0.21 -2.06	82.57 0.00 -3.51	74.53 1.26 -3.46	71.33 1.72 -3.64	56.15 1.00 -2.29	49.03 1.11 -1.80	43.70 0.71 -1.37	40.51 1.29 -1.23
SENECA___ENERGY 23797	43.65 0.68 -2.74	38.22 0.60 -2.04	35.63 0.67 -1.68	33.73 0.69 -1.42	33.86 0.67 -1.45	37.16 0.87 -2.78	48.90 1.11 -3.57	55.04 1.77 -4.06	55.30 1.63 -4.09	54.03 1.61 -3.48	53.89 1.47 -3.43	54.24 1.38 -3.65	57.54 1.30 -4.17	57.73 1.41 -4.09	61.45 1.35 -3.87	68.39 1.62 -1.97	76.03 1.81 -4.40	88.21 1.66 -7.49	79.00 1.81 -7.37	75.78 2.05 -7.76	59.11 1.37 -4.89	51.16 1.20 -3.84	45.42 0.88 -2.92	41.49 0.87 -2.63
SHOEMAKER___GT 23640	40.99 0.76 0.00	36.25 0.67 0.00	33.89 0.60 0.00	32.08 0.47 0.00	32.26 0.51 0.00	34.02 0.50 0.00	45.02 0.80 0.00	50.05 0.84 0.00	50.37 0.79 0.00	50.45 0.74 -0.78	50.53 0.69 -0.85	50.70 0.74 -0.75	54.11 0.94 -1.11	54.20 0.89 -1.08	58.50 0.95 -1.31	67.97 1.42 -1.74	73.24 1.47 -1.96	82.57 2.21 -1.30	72.59 1.32 -1.44	67.70 0.99 -0.74	53.94 0.90 -0.19	47.41 0.78 -0.50	42.97 0.83 -0.51	39.05 0.65 -0.42
SHOEMAKR_138KV_BK 111 55601	40.99 0.76 0.00	36.21 0.64 0.00	33.89 0.60 0.00	32.08 0.47 0.00	32.26 0.51 0.00	34.02 0.50 0.00	44.98 0.75 0.00	49.95 0.74 0.00	50.43 0.84 0.00	50.44 0.73 -0.77	50.57 0.73 -0.84	50.74 0.79 -0.74	54.15 0.99 -1.09	54.24 0.94 -1.06	58.54 1.01 -1.30	67.95 1.43 -1.72	73.29 1.54 -1.93	82.71 2.37 -1.28	72.64 1.40 -1.43	67.76 1.06 -0.73	53.88 0.85 -0.18	47.31 0.69 -0.49	42.89 0.75 -0.51	39.05 0.65 -0.42
SHOREHAM_IC_1 23715	40.51 0.28 0.00	35.50 -0.07 0.00	33.45 0.17 0.00	31.10 -0.51 0.00	31.37 -0.38 0.00	33.51 0.00 0.00	43.95 -0.26 0.01	47.91 -0.49 0.81	46.79 -0.45 2.35	46.73 -0.54 1.67	43.68 -0.34 4.97	42.21 -0.10 6.90	42.48 0.10 9.70	42.83 0.16 9.56	48.40 0.28 8.11	52.22 0.71 13.30	59.05 0.56 11.33	66.12 1.03 13.96	59.53 0.14 10.43	57.72 -0.20 8.06	46.85 -0.26 5.74	43.70 -0.23 2.20	41.05 -0.21 0.37	38.65 0.15 -0.51
SHOREHAM_IC_2 23716	40.51 0.28 0.00	35.46 -0.11 0.00	33.35 0.07 0.00	31.10 -0.51 0.00	31.37 -0.38 0.00	33.51 0.00 0.00	43.95 -0.27 0.01	47.61 -0.79 0.81	46.79 -0.45 2.35	46.78 -0.49 1.67	43.78 -0.24 4.97	42.21 -0.10 6.90	42.48 0.10 9.70	42.78 0.10 9.56	48.34 0.22 8.11	52.16 0.65 13.30	59.12 0.63 11.33	66.44 1.34 13.96	59.66 0.28 10.43	57.72 -0.20 8.06	46.74 -0.37 5.74	43.61 -0.32 2.20	40.84 -0.42 0.37	38.65 0.15 -0.51
SISSONVILLE____ 23735	55.62 1.25 -14.15	47.17 1.10 -10.49	45.85 1.03 -11.53	41.25 0.98 -8.66	40.92 0.95 -8.22	78.19 1.17 -43.51	88.95 1.46 -43.27	93.77 1.48 -43.08	87.11 1.49 -36.04	81.03 1.27 -30.83	71.60 1.22 -21.38	86.33 1.23 -35.88	60.58 1.09 -7.42	79.75 1.20 -26.32	73.23 1.41 -15.59	66.65 1.49 -0.35	71.65 1.05 -0.79	80.56 0.16 -1.35	81.18 1.05 -10.31	90.81 1.32 -23.52	85.82 1.11 -31.86	69.15 1.34 -21.68	75.73 1.37 -32.73	67.60 1.14 -28.48
SITHE_IND_GS1 24169	22.23 -0.97 17.03	22.03 -0.85 12.69	22.03 -0.80 10.46	22.03 -0.73 8.85	22.03 -0.73 8.99	15.48 -0.74 17.29	21.04 -1.02 22.17	22.90 -1.08 25.23	23.03 -1.14 25.42	26.19 -1.08 21.66	26.61 -1.08 21.31	25.42 -1.08 22.71	24.96 -1.20 25.92	25.66 -1.15 25.42	30.80 -1.35 24.07	51.01 -1.56 12.24	40.73 -1.74 27.34	30.68 -1.82 46.56	22.39 -1.60 45.83	16.30 -1.45 48.22	21.25 -1.21 30.39	21.25 -1.02 23.86	22.53 -0.96 18.14	20.84 -0.80 16.35
SITHE_IND_GS2 24170	22.23 -0.97 17.03	22.03 -0.85 12.69	22.03 -0.80 10.46	22.03 -0.73 8.85	22.03 -0.73 8.99	15.48 -0.74 17.29	21.04 -1.02 22.17	22.90 -1.08 25.23	23.03 -1.14 25.42	26.19 -1.08 21.66	26.61 -1.08 21.31	25.42 -1.08 22.71	24.96 -1.20 25.92	25.66 -1.15 25.42	30.80 -1.35 24.07	51.01 -1.56 12.24	40.73 -1.74 27.34	30.68 -1.82 46.56	22.39 -1.60 45.83	16.30 -1.45 48.22	21.25 -1.21 30.39	21.25 -1.02 23.86	22.53 -0.96 18.14	20.84 -0.80 16.35
SITHE_IND_GS3 24171	22.23 -0.97 17.03	22.03 -0.85 12.69	22.03 -0.80 10.46	22.03 -0.73 8.85	22.03 -0.73 8.99	15.48 -0.74 17.29	21.04 -1.02 22.17	22.90 -1.08 25.23	23.03 -1.14 25.42	26.19 -1.08 21.66	26.61 -1.08 21.31	25.42 -1.08 22.71	24.96 -1.20 25.92	25.66 -1.15 25.42	30.80 -1.35 24.07	51.01 -1.56 12.24	40.73 -1.74 27.34	30.68 -1.82 46.56	22.39 -1.60 45.83	16.30 -1.45 48.22	21.25 -1.21 30.39	21.25 -1.02 23.86	22.53 -0.96 18.14	20.84 -0.80 16.35
SITHE_IND_GS4 24172	22.23 -0.97 17.03	22.03 -0.85 12.69	22.03 -0.80 10.46	22.03 -0.73 8.85	22.03 -0.73 8.99	15.48 -0.74 17.29	21.04 -1.02 22.17	22.90 -1.08 25.23	23.03 -1.14 25.42	26.19 -1.08 21.66	26.61 -1.08 21.31	25.42 -1.08 22.71	24.96 -1.20 25.92	25.66 -1.15 25.42	30.80 -1.35 24.07	51.01 -1.56 12.24	40.73 -1.74 27.34	30.68 -1.82 46.56	22.39 -1.60 45.83	16.30 -1.45 48.22	21.25 -1.21 30.39	21.25 -1.02 23.86	22.53 -0.96 18.14	20.84 -0.80 16.35

SITHE___BATAVIA 24024	43.12 1.65 -1.25	37.75 1.24 -0.93	35.45 1.40 -0.77	33.71 1.45 -0.65	33.74 1.33 -0.66	36.42 1.64 -1.27	47.49 1.64 -1.62	52.39 1.33 -1.85	52.53 1.09 -1.86	52.33 1.81 -1.59	52.17 1.61 -1.56	52.41 1.53 -1.66	55.84 1.87 -1.90	56.19 2.09 -1.86	59.74 1.75 -1.76	67.06 1.36 -0.90	73.29 1.47 -2.00	84.13 1.66 -3.41	76.11 2.93 -3.36	72.48 2.97 -3.53	57.14 2.06 -2.23	49.90 2.03 -1.75	44.50 1.54 -1.33	41.04 1.86 -1.20
SITHE___INDEPEND 23800	22.23 -0.97 17.03	22.03 -0.85 12.69	22.06 -0.77 10.46	22.03 -0.73 8.85	22.03 -0.73 8.99	15.48 -0.74 17.29	21.04 -1.02 22.17	22.95 -1.03 25.23	23.03 -1.14 25.42	26.19 -1.08 21.66	26.65 -1.03 21.31	25.42 -1.08 22.71	24.95 -1.20 25.92	25.66 -1.15 25.42	30.81 -1.35 24.07	50.95 -1.62 12.24	40.73 -1.75 27.34	30.67 -1.82 46.56	22.39 -1.61 45.83	16.30 -1.45 48.22	21.25 -1.22 30.39	21.25 -1.01 23.86	22.53 -0.96 18.14	20.84 -0.80 16.35
SITHE___MASSENA 23902	64.15 0.68 -23.25	53.41 0.60 -17.24	52.97 0.57 -19.11	46.46 0.54 -14.31	45.80 0.51 -13.55	107.32 0.60 -73.20	117.45 0.66 -72.56	121.90 0.59 -72.09	110.34 0.69 -60.07	101.00 0.68 -51.38	85.07 0.74 -35.33	109.83 0.69 -59.93	64.05 0.63 -11.35	96.49 0.73 -43.53	82.42 0.84 -25.34	65.39 0.58 0.00	70.59 0.77 0.00	79.29 0.24 0.00	86.17 1.05 -15.30	104.75 1.12 -37.66	106.38 0.79 -52.74	82.46 0.60 -35.73	97.03 0.58 -54.82	86.23 0.57 -47.67
SITHE___OGDNSBRG 24021	59.38 1.41 -17.75	49.98 1.25 -13.16	49.00 1.20 -14.52	43.64 1.14 -10.89	43.15 1.08 -10.33	89.93 1.31 -55.11	100.68 1.72 -54.73	105.43 1.77 -54.45	96.69 1.64 -45.47	89.15 1.32 -38.90	77.16 1.27 -26.89	95.81 1.28 -45.31	62.27 1.15 -9.05	86.64 1.31 -33.11	77.28 1.57 -19.47	66.76 1.68 -0.27	72.02 1.61 -0.59	81.17 1.11 -1.01	84.49 2.23 -12.43	97.69 2.51 -29.20	94.90 1.96 -40.09	75.07 1.71 -27.24	84.60 1.58 -41.39	75.31 1.33 -36.00
SITHE___STERLING 23777	43.16 1.04 -1.89	37.90 0.92 -1.40	35.56 0.93 -1.34	33.56 0.88 -1.06	33.68 0.89 -1.04	38.34 1.07 -3.75	49.88 1.64 -4.02	55.46 2.07 -4.19	55.36 1.93 -3.85	54.03 1.81 -3.29	53.36 1.71 -2.65	54.62 1.72 -3.68	55.79 1.72 -2.00	57.17 1.72 -3.21	60.46 1.80 -2.43	67.81 2.27 -0.74	73.63 2.17 -1.65	84.56 2.69 -2.81	75.52 2.38 -3.33	72.85 2.57 -4.30	58.54 1.90 -3.78	50.50 1.61 -2.76	46.08 1.33 -3.12	41.87 1.14 -2.75
SLEIGHT__34_KV_TB1 80719	41.97 0.16 -1.58	36.86 0.11 -1.18	34.39 0.13 -0.97	32.59 0.16 -0.82	32.74 0.16 -0.84	35.39 0.27 -1.61	46.59 0.31 -2.06	52.05 0.49 -2.34	52.14 0.20 -2.36	51.53 0.59 -2.01	51.66 0.69 -1.98	51.82 0.49 -2.11	55.00 0.52 -2.41	55.27 0.68 -2.36	58.92 0.45 -2.24	66.14 0.19 -1.14	72.57 0.21 -2.54	83.78 0.40 -4.32	74.63 0.56 -4.26	71.24 0.79 -4.48	56.15 0.48 -2.82	48.76 0.42 -2.22	43.56 0.25 -1.69	39.88 0.38 -1.52
SMITHTWN_69_KV_BK 1 55830	41.19 0.97 0.00	36.11 0.53 0.00	33.95 0.67 0.00	31.70 0.09 0.00	31.94 0.19 0.00	34.12 0.60 0.00	44.70 0.49 0.01	48.41 0.00 0.80	47.60 0.35 2.33	47.58 0.29 1.65	44.54 0.49 4.94	42.99 0.64 6.87	43.31 0.89 9.64	43.61 0.89 9.51	49.18 1.01 8.06	53.01 1.43 13.22	60.09 1.54 11.26	67.31 2.13 13.88	60.56 1.12 10.37	58.75 0.79 8.02	47.56 0.42 5.71	44.31 0.37 2.18	41.55 0.29 0.37	39.29 0.80 -0.51
SOUTH CAIRO___GT 23612	40.31 0.08 0.00	35.64 0.07 0.00	33.32 0.03 0.00	31.67 0.06 0.00	32.00 0.25 0.00	33.78 0.27 0.00	44.67 0.44 0.00	49.80 0.89 0.29	49.63 0.05 0.00	48.57 0.00 0.37	48.16 -0.44 0.40	48.37 -0.49 0.35	50.98 -0.57 0.52	50.77 -0.52 0.94	55.11 -0.51 0.62	62.97 -0.13 1.71	66.13 0.49 4.17	80.03 1.58 0.61	59.36 1.26 11.72	56.66 0.79 10.10	53.02 1.06 0.89	46.77 0.88 0.23	42.59 1.21 0.24	38.70 0.91 0.20
SOUTH HAMPTN___IC 23720	40.91 0.68 0.00	35.89 0.32 0.00	33.85 0.57 0.00	31.48 -0.13 0.00	31.75 0.00 0.00	33.95 0.43 0.00	44.53 0.31 0.01	48.50 0.10 0.81	47.43 0.20 2.35	47.51 0.25 1.67	44.50 0.49 4.98	43.08 0.79 6.92	43.45 1.10 9.71	43.81 1.15 9.58	49.51 1.41 8.12	53.43 1.94 13.32	60.36 1.89 11.35	67.45 2.37 13.98	60.48 1.11 10.45	58.56 0.66 8.07	47.47 0.37 5.75	44.25 0.33 2.20	41.46 0.21 0.37	39.10 0.61 -0.51
SOUTHDOW_115KV_TB1 355954	43.86 2.33 -1.30	38.71 2.17 -0.97	36.22 2.13 -0.80	34.44 2.15 -0.68	34.50 2.06 -0.69	37.22 2.38 -1.32	48.71 2.79 -1.70	54.24 3.10 -1.93	53.96 2.43 -1.94	53.67 3.08 -1.66	53.81 3.18 -1.63	53.66 2.71 -1.74	57.49 3.44 -1.98	57.57 3.40 -1.94	61.28 3.21 -1.84	68.07 2.33 -0.94	75.05 3.14 -2.09	86.10 3.48 -3.56	77.72 4.40 -3.50	74.28 4.62 -3.69	58.24 3.07 -2.32	50.53 2.58 -1.82	44.76 1.75 -1.39	41.25 2.01 -1.25
SOUTHOLD_69_KV_BK 2 55809	41.15 0.93 0.00	36.03 0.46 0.00	33.99 0.70 0.00	31.70 0.09 0.00	32.04 0.29 0.00	34.32 0.80 0.00	44.93 0.71 0.01	48.70 0.30 0.81	47.93 0.69 2.35	48.14 0.88 1.67	45.34 1.32 4.98	43.87 1.57 6.92	44.34 1.98 9.71	44.75 2.09 9.58	50.52 2.42 8.12	54.53 3.05 13.32	61.61 3.14 11.35	68.87 3.79 13.98	61.39 2.02 10.45	59.16 1.25 8.07	47.73 0.63 5.75	44.48 0.55 2.20	41.51 0.25 0.37	39.41 0.91 -0.51
SOUTHOLD___IC 23719	41.15 0.93 0.00	36.07 0.50 0.00	34.09 0.80 0.00	31.70 0.10 0.00	32.03 0.29 0.00	34.32 0.80 0.00	44.92 0.71 0.01	48.94 0.54 0.81	47.93 0.69 2.35	48.14 0.88 1.67	45.24 1.23 4.98	43.87 1.57 6.92	44.34 1.98 9.71	44.80 2.14 9.58	50.58 2.47 8.12	54.66 3.17 13.32	61.62 3.14 11.35	68.64 3.56 13.98	61.32 1.95 10.45	59.09 1.19 8.07	47.84 0.74 5.75	44.57 0.65 2.20	41.67 0.42 0.37	39.41 0.91 -0.51
SOUTH_FORK_WT_PWR 323839	40.87 0.64 0.00	35.85 0.28 0.00	33.95 0.67 0.00	31.61 0.00 0.00	31.94 0.19 0.00	34.25 0.74 0.00	44.75 0.53 0.01	48.75 0.35 0.81	47.73 0.50 2.35	48.04 0.78 1.67	45.24 1.23 4.98	43.83 1.53 6.92	44.34 1.98 9.71	44.80 2.14 9.58	50.58 2.47 8.12	54.60 3.11 13.32	61.47 3.00 11.35	68.24 3.17 13.98	60.76 1.40 10.45	58.49 0.59 8.07	47.37 0.27 5.75	44.20 0.28 2.20	41.38 0.13 0.37	39.22 0.72 -0.51
SPIERFLS_115KV_TB 1 80737	40.83 0.60 0.00	36.11 0.53 0.00	33.92 0.63 0.00	32.24 0.63 0.00	32.38 0.63 0.00	34.05 0.54 0.00	45.15 0.93 0.00	50.82 1.23 -0.38	50.48 0.89 0.00	48.76 0.73 0.90	48.50 0.49 0.98	48.84 0.49 0.87	51.21 0.42 1.28	51.97 0.42 0.69	55.16 0.45 1.52	63.56 0.78 2.02	68.60 1.05 2.27	79.61 2.06 1.51	83.89 1.54 -12.53	78.66 0.99 -11.70	54.88 1.22 -0.82	46.70 1.15 0.58	41.95 0.92 0.60	38.18 0.68 0.49
ST LAWRENCE____ 23600	38.84 0.16 1.55	34.57 0.14 1.15	32.15 0.13 1.27	30.75 0.10 0.95	30.89 0.10 0.96	28.97 0.13 4.68	39.63 0.04 4.64	44.55 -0.05 4.61	45.80 0.05 3.83	45.70 0.05 3.28	46.84 0.10 2.25	45.44 0.05 3.82	51.25 0.00 0.82	49.46 0.00 2.78	54.66 0.11 1.68	64.68 -0.13 0.00	69.82 0.00 0.00	78.58 -0.47 0.00	68.94 0.14 1.02	63.76 0.20 2.41	49.53 0.05 3.37	43.84 0.00 2.28	38.17 0.04 3.50	35.02 0.08 3.05

STATE_CA_115KV_115_LB 55624	39.86 -0.36 0.00	35.29 -0.28 0.00	32.95 -0.33 0.00	31.29 -0.32 0.00	31.50 -0.25 0.00	33.25 -0.27 0.00	43.83 -0.40 0.00	48.41 -0.39 0.40	49.19 -0.40 0.00	47.66 -0.49 0.79	47.60 -0.54 0.86	47.97 -0.49 0.76	50.43 -0.52 1.12	50.02 -0.52 1.69	54.34 -0.56 1.33	62.59 -0.45 1.76	67.35 -0.49 1.97	77.75 0.00 1.31	52.55 -0.56 16.71	50.89 -0.86 14.22	51.08 -0.48 1.30	45.21 -0.42 0.50	40.90 -0.21 0.52	37.26 -0.30 0.43
STATE_ST_34_KV_LOAD 55959	43.47 0.44 -2.81	38.05 0.39 -2.09	35.41 0.40 -1.72	33.48 0.41 -1.46	33.64 0.41 -1.48	36.90 0.54 -2.85	48.63 0.75 -3.65	54.45 1.08 -4.16	54.61 0.84 -4.19	53.38 0.88 -3.57	53.34 0.83 -3.51	53.65 0.69 -3.74	56.97 0.62 -4.27	57.10 0.68 -4.19	60.82 0.62 -3.97	67.53 0.71 -2.02	75.23 0.91 -4.51	87.91 1.19 -7.67	78.42 1.05 -7.55	75.24 1.32 -7.95	58.76 0.90 -5.01	50.84 0.78 -3.93	45.20 0.58 -2.99	41.25 0.57 -2.69
STATION 5_MISC_HYD 23604	42.03 0.60 -1.20	36.86 0.39 -0.90	34.56 0.53 -0.74	32.80 0.57 -0.63	32.89 0.51 -0.64	35.41 0.67 -1.22	46.41 0.62 -1.57	51.44 0.44 -1.78	51.73 0.35 -1.80	51.39 0.93 -1.53	51.39 0.88 -1.51	51.66 0.84 -1.61	54.89 0.99 -1.83	55.18 1.15 -1.80	58.78 0.84 -1.70	66.25 0.58 -0.87	72.38 0.63 -1.93	83.06 0.71 -3.29	74.38 1.32 -3.24	70.70 1.32 -3.41	55.95 0.95 -2.15	48.74 0.92 -1.69	43.54 0.63 -1.28	39.98 0.83 -1.16
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	43.98 1.49 -2.26	38.64 1.39 -1.68	36.04 1.36 -1.39	34.11 1.33 -1.18	34.28 1.33 -1.19	37.42 1.61 -2.30	49.16 1.99 -2.94	57.23 4.67 -3.35	57.12 4.17 -3.37	56.07 4.26 -2.88	55.89 4.07 -2.83	55.87 3.64 -3.02	59.26 3.75 -3.44	59.58 3.97 -3.38	63.48 4.05 -3.20	71.10 4.67 -1.63	78.75 5.31 -3.63	88.48 3.24 -6.18	79.19 3.28 -6.09	75.94 3.56 -6.40	59.42 2.54 -4.04	51.42 2.12 -3.17	45.74 1.71 -2.41	41.83 1.67 -2.17
STA_56_34_KV_BUS2_REV_LBMP_B 345033	41.76 0.32 -1.21	36.72 0.25 -0.90	34.33 0.30 -0.74	32.55 0.32 -0.63	32.67 0.29 -0.64	35.15 0.40 -1.23	46.11 0.31 -1.58	51.45 0.44 -1.79	51.44 0.05 -1.81	51.06 0.59 -1.54	51.25 0.73 -1.52	51.27 0.44 -1.61	54.54 0.62 -1.84	54.83 0.78 -1.81	58.45 0.51 -1.71	65.80 0.13 -0.87	71.97 0.21 -1.94	82.68 0.32 -3.31	73.71 0.63 -3.26	70.26 0.86 -3.43	55.54 0.53 -2.16	48.38 0.55 -1.70	43.25 0.33 -1.29	39.68 0.53 -1.16
STA_56___34_KV_BUS2 355983	41.76 0.32 -1.21	36.72 0.25 -0.90	34.33 0.30 -0.74	32.55 0.32 -0.63	32.67 0.29 -0.64	35.15 0.40 -1.23	46.11 0.31 -1.58	51.45 0.44 -1.79	51.44 0.05 -1.81	51.06 0.59 -1.54	51.25 0.73 -1.52	51.27 0.44 -1.61	54.54 0.62 -1.84	54.83 0.78 -1.81	58.45 0.51 -1.71	65.80 0.13 -0.87	71.97 0.21 -1.94	82.68 0.32 -3.31	73.71 0.63 -3.26	70.26 0.86 -3.43	55.54 0.53 -2.16	48.38 0.55 -1.70	43.25 0.33 -1.29	39.68 0.53 -1.16
STA_67___115KV_BK2 355882	41.95 0.52 -1.20	36.93 0.46 -0.89	34.52 0.50 -0.74	32.74 0.51 -0.62	32.86 0.48 -0.63	35.34 0.60 -1.22	46.32 0.53 -1.56	51.63 0.64 -1.78	51.62 0.25 -1.79	51.24 0.78 -1.53	51.38 0.88 -1.50	51.41 0.59 -1.60	54.68 0.78 -1.83	55.02 0.99 -1.79	58.66 0.73 -1.70	65.99 0.32 -0.86	72.16 0.42 -1.93	82.89 0.55 -3.28	73.96 0.91 -3.23	70.49 1.12 -3.40	55.79 0.79 -2.14	48.55 0.74 -1.68	43.41 0.50 -1.28	39.86 0.72 -1.15
STA_7___115KV_9TRANS 80674	42.23 0.80 -1.20	37.14 0.68 -0.90	34.73 0.70 -0.74	32.93 0.70 -0.63	33.05 0.67 -0.64	35.57 0.84 -1.22	46.63 0.84 -1.57	52.03 1.03 -1.78	51.98 0.60 -1.80	51.69 1.22 -1.53	51.83 1.32 -1.51	51.85 1.03 -1.61	55.15 1.25 -1.83	55.49 1.46 -1.80	59.11 1.18 -1.70	66.45 0.78 -0.87	72.66 0.91 -1.93	83.53 1.19 -3.29	74.53 1.47 -3.24	71.03 1.65 -3.41	56.22 1.22 -2.15	48.97 1.15 -1.69	43.74 0.83 -1.28	40.13 0.99 -1.16
STA_82___115KV_TB1 80780	42.01 0.56 -1.22	36.98 0.50 -0.91	34.54 0.50 -0.75	32.75 0.51 -0.64	32.87 0.48 -0.65	35.39 0.64 -1.24	46.39 0.57 -1.59	51.71 0.69 -1.81	51.66 0.25 -1.83	51.27 0.78 -1.56	51.46 0.93 -1.53	51.49 0.64 -1.63	54.77 0.83 -1.86	55.05 0.99 -1.83	58.69 0.73 -1.73	66.01 0.32 -0.88	72.20 0.42 -1.97	82.96 0.55 -3.35	74.02 0.91 -3.29	70.63 1.19 -3.47	55.83 0.79 -2.18	48.63 0.78 -1.71	43.47 0.54 -1.30	39.92 0.76 -1.17
STEEL___WIND 323596	42.55 1.04 -1.28	37.31 0.78 -0.96	35.07 1.00 -0.79	33.41 1.14 -0.67	33.38 0.95 -0.68	36.02 1.20 -1.30	46.78 0.88 -1.67	51.41 0.30 -1.90	51.65 0.15 -1.92	51.40 0.83 -1.63	51.34 0.74 -1.61	51.57 0.64 -1.71	55.27 1.25 -1.95	55.35 1.20 -1.92	58.83 0.79 -1.82	65.66 -0.06 -0.92	72.02 0.14 -2.06	82.33 -0.24 -3.51	74.81 1.53 -3.46	71.26 1.65 -3.64	56.10 0.95 -2.29	49.08 1.15 -1.80	43.66 0.66 -1.37	40.47 1.25 -1.23
STEPHTWN_115KV_BK_2 55603	39.98 -0.24 0.00	35.39 -0.18 0.00	33.05 -0.23 0.00	31.39 -0.22 0.00	31.59 -0.16 0.00	33.38 -0.13 0.00	44.00 -0.22 0.00	48.58 -0.15 0.49	49.34 -0.25 0.00	47.83 -0.34 0.75	47.73 -0.44 0.82	48.10 -0.39 0.73	50.53 -0.47 1.07	49.99 -0.47 1.77	54.45 -0.51 1.27	62.73 -0.39 1.69	67.57 -0.35 1.89	78.04 0.24 1.26	49.82 -0.28 19.72	48.41 -0.66 16.91	51.02 -0.32 1.51	45.42 -0.23 0.48	41.09 -0.04 0.50	37.39 -0.19 0.41
STEUBEN_REC_LFGE 323667	43.83 1.89 -1.71	38.59 1.74 -1.27	36.07 1.73 -1.05	34.24 1.74 -0.89	34.37 1.71 -0.90	37.23 1.98 -1.74	48.79 2.34 -2.23	54.79 3.05 -2.53	54.51 2.38 -2.55	53.60 2.50 -2.17	53.49 2.35 -2.14	53.27 1.77 -2.28	56.76 2.08 -2.60	56.93 2.14 -2.55	60.67 2.02 -2.42	67.85 1.81 -1.23	75.01 2.44 -2.75	86.58 2.85 -4.67	77.70 3.28 -4.60	74.58 3.76 -4.84	58.39 2.48 -3.05	50.64 2.12 -2.40	45.03 1.58 -1.82	41.37 1.75 -1.64
STILLWATER___SOLAR 323814	41.11 0.88 0.00	36.39 0.82 0.00	34.09 0.80 0.00	32.37 0.76 0.00	32.54 0.79 0.00	34.29 0.77 0.00	45.42 1.19 0.00	51.19 1.47 -0.51	50.82 1.24 0.00	49.00 1.08 1.00	48.83 0.93 1.09	49.18 0.93 0.97	51.53 0.88 1.43	52.54 0.94 0.63	55.55 1.01 1.69	63.92 1.36 2.25	68.90 1.61 2.52	79.84 2.45 1.67	88.94 1.89 -17.24	83.48 1.58 -15.92	55.48 1.48 -1.15	46.83 1.34 0.64	42.17 1.21 0.66	38.35 0.91 0.55
STONY___BROOK 24151	41.11 0.88 0.00	36.11 0.53 0.00	33.99 0.70 0.00	31.64 0.03 0.00	31.88 0.13 0.00	34.05 0.53 0.00	44.61 0.40 0.01	48.60 0.20 0.81	47.55 0.30 2.34	47.47 0.20 1.66	44.34 0.30 4.95	42.93 0.59 6.88	43.29 0.88 9.67	43.59 0.89 9.53	49.10 0.95 8.08	52.98 1.42 13.25	59.85 1.32 11.29	66.64 1.50 13.91	60.19 0.77 10.40	58.47 0.53 8.03	47.55 0.42 5.73	44.35 0.41 2.19	41.68 0.42 0.37	39.22 0.72 -0.51
STURGEON_POOL_HYD 23609	41.35 1.13 0.00	36.50 0.92 0.00	34.15 0.87 0.00	32.34 0.73 0.00	32.51 0.76 0.00	34.25 0.74 0.00	45.33 1.11 0.00	50.43 1.28 0.06	50.77 1.19 0.00	50.64 1.27 -0.44	50.70 1.22 -0.48	50.91 1.28 -0.42	54.25 1.56 -0.62	54.21 1.46 -0.52	58.60 1.63 -0.74	67.79 2.20 -0.78	72.57 2.37 -0.38	83.18 3.40 -0.73	70.56 2.16 1.42	66.13 1.72 1.55	54.27 1.48 0.06	47.65 1.25 -0.28	43.12 1.21 -0.29	39.25 1.03 -0.24

ST_LAW_115_BK7_LBMP 345037	38.32 0.16 2.07	34.22 0.18 1.54	31.72 0.13 1.70	30.46 0.13 1.27	30.64 0.10 1.21	27.16 0.17 6.52	37.85 0.09 6.46	42.79 0.00 6.42	44.34 0.10 5.34	44.41 0.05 4.57	46.00 0.15 3.14	43.93 0.05 5.33	51.06 0.00 1.01	48.41 0.05 3.87	54.09 0.11 2.25	64.68 -0.13 0.00	69.82 0.00 0.00	78.51 -0.55 0.00	68.60 0.14 1.36	62.88 0.26 3.35	48.26 0.11 4.70	42.94 0.00 3.18	36.79 0.04 4.88	33.85 0.11 4.25
ST_LAW_115_BK8_LBMP 345038	38.32 0.16 2.07	34.22 0.18 1.54	31.72 0.13 1.70	30.46 0.13 1.27	30.64 0.10 1.21	27.16 0.17 6.52	37.85 0.09 6.46	42.79 0.00 6.42	44.34 0.10 5.34	44.41 0.05 4.57	46.00 0.15 3.14	43.93 0.05 5.33	51.06 0.00 1.01	48.41 0.05 3.87	54.09 0.11 2.25	64.68 -0.13 0.00	69.82 0.00 0.00	78.51 -0.55 0.00	68.60 0.14 1.36	62.88 0.26 3.35	48.26 0.11 4.70	42.94 0.00 3.18	36.79 0.04 4.88	33.85 0.11 4.25
ST_LAW_230_BK5_LBMP 345035	39.17 0.16 1.21	34.82 0.14 0.90	32.42 0.13 1.00	30.96 0.10 0.75	31.14 0.10 0.71	29.83 0.13 3.82	40.48 0.04 3.79	45.40 -0.05 3.76	46.51 0.05 3.13	46.30 0.05 2.68	47.25 0.10 1.84	46.14 0.05 3.12	51.48 0.00 0.59	49.97 0.00 2.27	55.02 0.11 1.32	64.68 -0.13 0.00	69.82 0.00 0.00	78.58 -0.47 0.00	69.16 0.14 0.80	64.21 0.20 1.96	50.15 0.05 2.75	44.26 0.00 1.86	38.81 0.04 2.86	35.58 0.08 2.49
ST_LAW_230_BK6_LBMP 345036	39.17 0.16 1.21	34.82 0.14 0.90	32.42 0.13 1.00	30.96 0.10 0.75	31.14 0.10 0.71	29.83 0.13 3.82	40.48 0.04 3.79	45.40 -0.05 3.76	46.51 0.05 3.13	46.30 0.05 2.68	47.25 0.10 1.84	46.14 0.05 3.12	51.48 0.00 0.59	49.97 0.00 2.27	55.02 0.11 1.32	64.68 -0.13 0.00	69.82 0.00 0.00	78.58 -0.47 0.00	69.16 0.14 0.80	64.21 0.20 1.96	50.15 0.05 2.75	44.26 0.00 1.86	38.81 0.04 2.86	35.58 0.08 2.49
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	41.15 0.93 0.00	36.35 0.78 0.00	34.02 0.73 0.00	32.18 0.57 0.00	32.32 0.57 0.00	34.12 0.60 0.00	45.11 0.88 0.00	50.10 0.89 0.00	50.62 1.04 0.00	50.67 0.93 -0.81	50.86 0.98 -0.88	51.08 1.08 -0.78	54.52 1.30 -1.15	54.55 1.20 -1.12	58.89 1.29 -1.36	68.43 1.81 -1.81	73.73 1.89 -2.03	83.25 2.85 -1.35	73.07 1.75 -1.50	68.06 1.32 -0.77	54.10 1.06 -0.19	47.52 0.88 -0.52	43.04 0.87 -0.53	39.19 0.76 -0.44
SWANROAD_115KV_TB1 355699	41.52 0.04 -1.25	36.65 0.14 -0.93	34.32 0.27 -0.77	32.64 0.38 -0.65	32.63 0.22 -0.66	35.12 0.34 -1.27	45.33 -0.53 -1.63	50.23 -0.84 -1.86	49.82 -1.64 -1.87	49.65 -0.88 -1.60	49.93 -0.64 -1.57	49.66 -1.23 -1.67	53.30 -0.68 -1.91	53.48 -0.63 -1.87	56.88 -1.12 -1.77	63.31 -2.40 -0.90	69.46 -2.37 -2.01	79.48 -3.00 -3.43	71.73 -1.47 -3.38	68.80 -0.73 -3.55	54.19 -0.90 -2.24	47.47 -0.42 -1.76	42.47 -0.50 -1.34	39.53 0.34 -1.20
SYNERGY___BIOGAS 323694	43.12 1.65 -1.25	37.96 1.46 -0.93	35.55 1.50 -0.77	33.71 1.45 -0.65	33.80 1.40 -0.66	36.42 1.64 -1.27	47.49 1.64 -1.62	52.93 1.87 -1.85	52.54 1.09 -1.86	52.33 1.81 -1.59	52.42 1.86 -1.56	52.21 1.33 -1.66	55.74 1.77 -1.90	56.13 2.04 -1.86	59.74 1.74 -1.76	66.80 1.10 -0.90	73.22 1.40 -2.00	84.21 1.74 -3.41	75.76 2.58 -3.36	72.47 2.97 -3.53	57.14 2.06 -2.23	49.81 1.94 -1.75	44.50 1.54 -1.33	41.04 1.86 -1.20
SYRACUSE___ENERGY_ST1 323597	43.71 0.08 -3.40	38.18 0.07 -2.54	35.51 0.07 -2.16	33.51 0.09 -1.80	33.66 0.10 -1.82	37.81 0.13 -4.16	49.48 0.22 -5.04	55.23 0.44 -5.58	55.46 0.35 -5.53	54.09 0.44 -4.72	53.84 0.44 -4.40	54.65 0.39 -5.04	57.03 0.10 -4.86	57.56 0.05 -5.28	60.92 -0.06 -4.74	66.88 -0.13 -2.21	74.47 -0.28 -4.93	87.38 -0.08 -8.40	78.17 -0.14 -8.49	75.28 0.07 -9.24	59.09 0.00 -6.24	51.22 0.28 -4.82	45.85 0.17 -4.06	41.84 0.23 -3.63
SYRACUSE___ENERGY_ST2 323598	43.71 0.08 -3.40	38.18 0.07 -2.54	35.51 0.07 -2.16	33.51 0.09 -1.80	33.66 0.10 -1.82	37.81 0.13 -4.16	49.48 0.22 -5.04	55.23 0.44 -5.58	55.46 0.35 -5.53	54.09 0.44 -4.72	53.84 0.44 -4.40	54.65 0.39 -5.04	57.03 0.10 -4.86	57.56 0.05 -5.28	60.92 -0.06 -4.74	66.88 -0.13 -2.21	74.47 -0.28 -4.93	87.38 -0.08 -8.40	78.17 -0.14 -8.49	75.28 0.07 -9.24	59.09 0.00 -6.24	51.22 0.28 -4.82	45.85 0.17 -4.06	41.84 0.23 -3.63
SYRACUSE___POWER 24017	42.95 0.00 -2.72	37.56 -0.04 -2.03	35.04 0.00 -1.75	33.09 0.03 -1.45	33.24 0.03 -1.46	37.17 0.07 -3.59	48.65 0.18 -4.24	54.65 0.79 -4.66	54.96 0.69 -4.69	53.66 0.73 -4.00	53.41 0.78 -3.63	54.27 0.74 -4.31	56.48 0.62 -3.78	57.22 0.63 -4.36	60.60 0.56 -3.81	67.07 0.58 -1.68	73.71 0.14 -3.75	85.76 0.32 -6.39	76.57 0.21 -6.54	73.55 0.33 -7.24	58.11 0.21 -5.04	50.22 0.23 -3.87	45.15 0.12 -3.40	41.21 0.19 -3.03
TALLMAN_138KV_BK151 55660	41.43 1.21 0.00	36.60 1.03 0.00	34.22 0.93 0.00	32.34 0.73 0.00	32.48 0.73 0.00	34.28 0.77 0.00	45.38 1.15 0.00	50.34 1.13 0.00	50.92 1.34 0.00	51.07 1.27 -0.86	51.26 1.32 -0.94	51.52 1.48 -0.83	55.02 1.72 -1.23	55.05 1.62 -1.19	59.49 1.80 -1.46	69.07 2.33 -1.94	74.50 2.51 -2.17	84.05 3.56 -1.44	73.73 2.30 -1.60	68.58 1.78 -0.82	54.43 1.37 -0.21	47.78 1.11 -0.55	43.32 1.12 -0.57	39.44 0.99 -0.47
TEALLAVE_115KV_TB7 355573	42.54 -0.20 -2.52	37.27 -0.18 -1.87	34.79 -0.13 -1.63	32.83 -0.13 -1.35	32.97 -0.13 -1.35	36.88 -0.07 -3.43	48.20 -0.04 -4.02	54.04 0.44 -4.39	54.33 0.35 -4.40	53.12 0.44 -3.75	52.86 0.49 -3.37	53.72 0.44 -4.06	55.88 0.36 -3.44	56.71 0.42 -4.05	60.02 0.28 -3.51	66.58 0.26 -1.52	72.99 -0.21 -3.38	84.74 -0.08 -5.76	75.62 -0.14 -5.94	72.61 0.00 -6.63	57.49 -0.05 -4.69	49.71 0.00 -3.58	44.76 -0.08 -3.21	40.85 0.00 -2.86
TELGRAPH_34_KV_EAST 80808	42.40 0.93 -1.25	37.36 0.85 -0.93	34.99 0.93 -0.77	33.24 0.98 -0.65	33.27 0.86 -0.66	35.82 1.04 -1.27	46.52 0.66 -1.63	51.70 0.64 -1.85	51.40 -0.05 -1.87	51.21 0.69 -1.59	51.39 0.83 -1.56	51.23 0.34 -1.67	54.75 0.78 -1.90	55.04 0.94 -1.87	58.56 0.56 -1.77	65.38 -0.32 -0.90	71.68 -0.14 -2.01	82.24 -0.24 -3.42	74.02 0.84 -3.36	70.83 1.32 -3.54	55.82 0.74 -2.23	48.80 0.92 -1.75	43.54 0.58 -1.33	40.36 1.18 -1.20
TEMPLE___115KV_TB 2 55572	42.58 -0.16 -2.51	37.30 -0.14 -1.87	34.78 -0.13 -1.63	32.86 -0.09 -1.34	33.00 -0.10 -1.35	36.85 -0.07 -3.41	48.18 -0.04 -4.00	54.12 0.54 -4.37	54.43 0.45 -4.40	53.22 0.54 -3.75	52.96 0.59 -3.38	53.87 0.59 -4.06	55.99 0.47 -3.45	56.81 0.52 -4.06	60.19 0.45 -3.51	66.71 0.39 -1.52	73.07 -0.14 -3.39	84.83 0.00 -5.78	75.70 -0.07 -5.95	72.67 0.07 -6.63	57.53 0.00 -4.68	49.70 0.00 -3.58	44.78 -0.04 -3.19	40.83 0.00 -2.85
TIANA___69_KV_BK 1 55817	40.87 0.64 0.00	35.82 0.25 0.00	33.69 0.40 0.00	31.45 -0.16 0.00	31.69 -0.06 0.00	33.92 0.40 0.00	44.44 0.22 0.01	48.20 -0.20 0.81	47.33 0.10 2.35	47.36 0.10 1.67	44.46 0.44 4.98	42.89 0.59 6.92	43.24 0.89 9.71	43.55 0.89 9.58	49.23 1.12 8.12	53.11 1.62 13.32	60.15 1.68 11.35	67.53 2.45 13.98	60.56 1.19 10.45	58.50 0.59 8.07	47.36 0.26 5.75	44.11 0.18 2.20	41.26 0.00 0.37	39.07 0.57 -0.51

TILDEN___115KV_TB1 80814	42.95 0.00 -2.72	37.56 -0.04 -2.03	35.04 0.00 -1.75	33.09 0.03 -1.45	33.24 0.03 -1.46	37.17 0.07 -3.59	48.65 0.18 -4.24	54.65 0.79 -4.66	54.96 0.69 -4.69	53.66 0.73 -4.00	53.41 0.78 -3.63	54.27 0.74 -4.31	56.48 0.62 -3.78	57.22 0.63 -4.36	60.60 0.56 -3.81	67.07 0.58 -1.68	73.71 0.14 -3.75	85.76 0.32 -6.39	76.57 0.21 -6.54	73.55 0.33 -7.24	58.11 0.21 -5.04	50.22 0.23 -3.87	45.15 0.12 -3.40	41.21 0.19 -3.03
TRIGEN___CC 323695	41.27 1.05 0.00	36.32 0.75 0.00	34.09 0.80 0.00	31.96 0.35 0.00	32.13 0.38 0.00	34.15 0.64 0.00	44.79 0.57 0.01	49.52 0.44 0.13	50.32 0.74 0.01	50.54 0.73 -0.88	49.47 0.88 0.40	49.30 1.03 0.95	52.09 1.30 1.28	52.22 1.25 1.27	56.98 1.46 0.71	65.27 2.01 1.54	70.96 2.02 0.88	79.94 3.00 2.12	70.41 1.75 1.15	65.92 1.19 1.24	52.45 0.79 1.19	46.66 0.60 0.07	42.63 0.62 -0.38	39.29 0.80 -0.51
TRINITY___115KV__4 BK 55933	39.74 -0.48 0.00	35.18 -0.39 0.00	32.85 -0.43 0.00	31.20 -0.41 0.00	31.40 -0.35 0.00	33.11 -0.40 0.00	43.65 -0.57 0.00	48.14 -0.59 0.48	48.99 -0.60 0.00	47.49 -0.69 0.76	47.43 -0.73 0.83	47.84 -0.64 0.73	50.26 -0.73 1.08	49.74 -0.73 1.76	54.16 -0.79 1.28	62.39 -0.71 1.70	67.21 -0.70 1.91	77.47 -0.32 1.27	49.53 -0.91 19.38	48.25 -1.12 16.60	50.62 -0.74 1.49	45.04 -0.60 0.48	40.75 -0.37 0.50	37.12 -0.46 0.41
UNION___PROCESSING_DRP 323587	42.02 0.56 -1.23	36.99 0.50 -0.92	34.58 0.53 -0.76	32.79 0.54 -0.64	32.91 0.51 -0.65	35.40 0.64 -1.25	46.41 0.57 -1.61	51.73 0.69 -1.83	51.72 0.30 -1.84	51.33 0.83 -1.57	51.47 0.93 -1.54	51.50 0.64 -1.64	54.78 0.83 -1.88	55.07 0.99 -1.84	58.70 0.73 -1.74	66.01 0.32 -0.89	72.22 0.42 -1.98	83.06 0.63 -3.37	74.11 0.98 -3.32	70.65 1.19 -3.49	55.90 0.85 -2.20	48.64 0.78 -1.73	43.48 0.54 -1.31	39.93 0.76 -1.18
UPPER HUDSON___HYD 24058	40.83 0.60 0.00	36.14 0.57 0.00	33.92 0.63 0.00	32.24 0.63 0.00	32.42 0.67 0.00	34.05 0.53 0.00	45.16 0.93 0.00	50.86 1.28 -0.38	50.48 0.89 0.00	48.76 0.74 0.90	48.45 0.44 0.98	48.84 0.49 0.87	51.20 0.41 1.28	51.96 0.42 0.69	55.15 0.45 1.52	63.56 0.78 2.02	68.53 0.98 2.27	79.53 1.98 1.51	83.89 1.53 -12.53	78.79 1.12 -11.70	54.89 1.22 -0.82	46.71 1.15 0.58	41.99 0.96 0.60	38.18 0.68 0.49
UPPER RAQUET___HYD 24056	55.62 1.25 -14.15	47.17 1.10 -10.49	45.85 1.03 -11.53	41.25 0.98 -8.66	40.92 0.95 -8.22	78.19 1.17 -43.51	88.95 1.46 -43.27	93.77 1.47 -43.08	87.11 1.49 -36.04	81.08 1.32 -30.83	71.75 1.37 -21.38	86.33 1.23 -35.88	60.59 1.10 -7.42	79.75 1.20 -26.32	73.23 1.41 -15.59	66.45 1.30 -0.35	71.66 1.05 -0.79	80.72 0.32 -1.35	81.18 1.05 -10.31	90.81 1.32 -23.52	85.77 1.06 -31.86	68.91 1.11 -21.68	75.61 1.25 -32.73	67.60 1.14 -28.48
VALLEY44_115KV_TB2 355964	42.39 0.84 -1.31	37.37 0.82 -0.98	34.96 0.87 -0.81	33.21 0.92 -0.68	33.27 0.83 -0.69	35.89 1.04 -1.33	46.91 0.97 -1.71	52.34 1.18 -1.95	51.99 0.45 -1.96	51.58 0.98 -1.67	51.62 0.98 -1.65	51.46 0.49 -1.75	55.16 1.09 -2.00	55.08 0.89 -1.96	58.71 0.62 -1.86	65.49 -0.26 -0.94	72.28 0.35 -2.11	83.44 0.79 -3.59	75.10 1.75 -3.54	71.81 2.11 -3.72	56.47 1.27 -2.35	49.12 1.15 -1.84	43.69 0.67 -1.40	40.24 0.99 -1.26
VALLEY___115KV_TB 1-4 80826	40.44 -0.12 -0.33	35.68 -0.14 -0.25	33.46 -0.10 -0.27	31.72 -0.09 -0.20	31.85 -0.10 -0.19	34.53 -0.03 -1.05	45.31 0.04 -1.04	50.29 0.05 -1.03	50.41 -0.05 -0.87	49.63 -0.05 -0.75	49.51 0.00 -0.51	50.14 0.05 -0.87	52.24 0.00 -0.17	52.76 -0.10 -0.63	56.49 -0.11 -0.37	64.80 0.00 0.00	69.54 -0.28 0.00	78.82 -0.24 0.00	69.41 -0.63 -0.22	65.72 -0.79 -0.54	52.81 -0.79 -0.75	45.81 -0.83 -0.51	41.58 -0.83 -0.78	37.79 -0.87 -0.68
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	42.35 1.33 -0.80	37.38 1.21 -0.59	34.94 1.17 -0.49	33.16 1.14 -0.41	33.28 1.11 -0.42	35.53 1.21 -0.81	47.03 1.77 -1.04	52.46 2.07 -1.18	52.76 1.98 -1.19	51.90 1.96 -1.02	51.91 1.91 -1.00	52.20 1.92 -1.06	55.32 2.03 -1.21	55.31 1.88 -1.19	59.38 2.02 -1.13	67.84 2.46 -0.57	73.68 2.58 -1.28	84.72 3.48 -2.18	74.48 2.51 -2.15	70.81 2.57 -2.26	56.39 2.11 -1.42	49.04 1.80 -1.12	44.02 1.54 -0.85	40.12 1.37 -0.77
VISCHER___FERRY HYD 24020	40.67 0.44 0.00	36.03 0.46 0.00	33.69 0.40 0.00	31.99 0.38 0.00	32.16 0.41 0.00	33.88 0.37 0.00	44.89 0.66 0.00	51.02 0.89 -0.93	50.33 0.74 0.00	48.33 0.63 1.24	48.24 0.59 1.35	48.62 0.59 1.19	50.94 0.63 1.76	52.54 0.63 0.33	54.82 0.68 2.09	63.01 0.97 2.77	67.82 1.11 3.11	78.81 1.82 2.06	103.52 1.05 -32.65	96.47 0.79 -29.71	55.89 0.79 -2.24	46.07 0.74 0.79	41.52 0.71 0.82	37.81 0.49 0.67
V_A_10_SYNC_DSASP 323832	41.86 0.44 -1.19	36.92 0.46 -0.89	34.58 0.57 -0.73	32.86 0.63 -0.62	32.89 0.51 -0.63	35.36 0.64 -1.21	45.82 0.04 -1.55	50.77 0.04 -1.76	50.51 -0.84 -1.77	50.25 -0.20 -1.51	50.53 0.05 -1.49	50.31 -0.49 -1.59	53.93 0.05 -1.81	54.06 0.05 -1.77	57.57 -0.34 -1.68	64.23 -1.43 -0.85	70.47 -1.26 -1.91	80.65 -1.66 -3.25	72.53 -0.49 -3.20	69.41 0.07 -3.37	54.82 -0.16 -2.12	47.98 0.18 -1.67	42.85 -0.04 -1.27	39.77 0.65 -1.14
V_CMM_10_SYNC_DSASP 323787	38.52 0.36 2.07	34.36 0.32 1.54	31.88 0.30 1.70	30.62 0.28 1.27	30.80 0.25 1.21	27.33 0.34 6.52	38.07 0.31 6.46	43.03 0.25 6.42	44.59 0.35 5.34	44.65 0.29 4.57	46.15 0.29 3.14	44.23 0.34 5.33	51.32 0.26 1.01	48.68 0.31 3.87	54.37 0.39 2.25	65.06 0.26 0.00	70.10 0.28 0.00	78.74 -0.32 0.00	69.01 0.56 1.36	63.21 0.59 3.35	48.58 0.42 4.70	43.31 0.37 3.18	37.08 0.33 4.88	34.01 0.27 4.25
V_CMP_10_SYNC_DSASP 323788	42.68 1.41 -1.05	37.59 1.24 -0.78	35.24 1.10 -0.86	33.23 0.98 -0.64	33.34 0.99 -0.61	37.95 1.14 -3.30	47.49 0.00 -3.27	51.62 -0.84 -3.25	51.70 -0.59 -2.71	50.57 -0.69 -2.32	51.18 0.10 -1.59	51.65 -0.74 -2.70	53.31 -0.94 -0.51	56.47 -0.89 -1.96	63.19 -0.90 -1.14	68.42 -1.62 0.00	76.93 -1.40 0.00	69.46 -2.13 0.00	66.55 -1.05 -0.69	54.01 -1.12 -1.70	46.95 -1.21 -2.37	44.64 -0.78 -1.61	41.42 0.54 -2.47	38.18 1.29 -2.15
V_D_10_SYNC_DSASP 323841	64.24 0.68 -23.33	53.48 0.60 -17.30	53.04 0.57 -19.19	46.51 0.54 -14.37	45.86 0.51 -13.60	107.60 0.60 -73.48	117.73 0.66 -72.84	122.17 0.59 -72.37	110.57 0.69 -60.30	101.20 0.68 -51.58	85.20 0.74 -35.47	110.06 0.69 -60.16	64.09 0.63 -11.39	96.66 0.73 -43.69	82.51 0.84 -25.44	65.39 0.58 0.00	70.59 0.77 0.00	79.29 0.24 0.00	86.23 1.05 -15.36	104.90 1.12 -37.80	106.58 0.79 -52.94	82.59 0.60 -35.87	97.24 0.58 -55.03	86.41 0.57 -47.85
V_E_10_SYNC_DSASP 323830	44.74 2.93 -1.58	39.34 2.60 -1.18	36.82 2.56 -0.97	34.96 2.53 -0.82	35.03 2.44 -0.83	38.03 2.91 -1.60	50.52 4.25 -2.05	56.47 4.92 -2.34	56.45 4.51 -2.35	55.15 4.21 -2.01	54.79 3.82 -1.97	55.11 3.79 -2.10	58.32 3.85 -2.40	58.30 3.71 -2.35	62.45 3.99 -2.23	70.93 4.99 -1.13	77.80 5.45 -2.53	90.24 6.87 -4.31	80.42 6.35 -4.24	77.10 6.66 -4.47	60.58 4.92 -2.81	52.35 4.01 -2.21	46.56 3.25 -1.68	42.39 2.89 -1.51



V_F_30_NSYNC___DSASP 323816	41.15 0.93 0.00	36.42 0.85 0.00	34.12 0.83 0.00	32.40 0.79 0.00	32.57 0.82 0.00	34.32 0.80 0.00	45.46 1.24 0.00	51.23 1.57 -0.45	50.87 1.29 0.00	49.14 1.17 0.96	48.93 0.98 1.04	49.33 1.04 0.92	51.70 0.99 1.36	52.62 1.04 0.66	55.74 1.12 1.62	64.15 1.49 2.15	69.16 1.75 2.41	80.06 2.61 1.60	86.90 1.95 -15.13	81.66 1.65 -14.03	55.39 1.53 -1.00	46.90 1.38 0.61	42.24 1.25 0.63	38.42 0.95 0.52
V_F_30_SYNC_DSASP 323786	39.86 -0.36 0.00	35.29 -0.28 0.00	32.95 -0.33 0.00	31.29 -0.32 0.00	31.50 -0.25 0.00	33.25 -0.27 0.00	43.83 -0.40 0.00	48.41 -0.39 0.41	49.19 -0.40 0.00	47.66 -0.49 0.78	47.60 -0.54 0.85	47.97 -0.49 0.75	50.44 -0.52 1.11	50.01 -0.52 1.70	54.35 -0.56 1.32	62.60 -0.45 1.76	67.36 -0.49 1.97	77.75 0.00 1.31	52.33 -0.56 16.93	50.70 -0.86 14.42	51.06 -0.48 1.31	45.21 -0.42 0.50	40.90 -0.21 0.52	37.26 -0.30 0.43
V_XM_10_SYNC_DSASP 323789	42.68 1.41 -1.05	37.59 1.24 -0.78	35.24 1.10 -0.86	33.23 0.98 -0.64	33.34 0.99 -0.61	37.95 1.14 -3.30	47.49 0.00 -3.27	51.62 -0.84 -3.25	51.70 -0.59 -2.71	50.57 -0.69 -2.32	50.69 0.10 -1.59	51.18 -0.74 -2.70	51.65 -0.94 -0.51	53.31 -0.89 -1.96	56.47 -0.90 -1.14	63.19 -1.62 0.00	68.42 -1.40 0.00	76.93 -2.13 0.00	69.46 -1.05 -0.69	66.55 -1.12 -1.70	54.01 -1.21 -2.37	46.95 -0.78 -1.61	44.64 0.54 -2.47	41.42 1.29 -2.15
W.BABYLN_69_KV_BK1 56697	41.55 1.33 0.00	36.46 0.89 0.00	34.25 0.97 0.00	31.99 0.38 0.00	32.23 0.48 0.00	34.39 0.87 0.00	45.06 0.84 0.01	49.05 0.54 0.70	48.47 0.84 1.95	48.37 0.69 1.24	45.64 0.93 4.28	44.29 1.08 6.01	45.00 1.35 8.43	45.28 1.36 8.31	50.87 1.63 6.99	55.42 2.14 11.52	62.23 2.16 9.75	70.05 3.16 12.17	62.74 1.95 9.03	60.40 1.45 7.03	48.85 1.06 5.06	45.22 0.97 1.88	42.16 0.79 0.26	39.64 1.14 -0.51
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	41.55 1.33 0.00	36.71 1.14 0.00	34.35 1.07 0.00	32.46 0.85 0.00	32.61 0.86 0.00	34.42 0.90 0.00	45.55 1.33 0.00	50.54 1.33 0.00	51.12 1.54 0.00	51.28 1.47 -0.88	51.47 1.52 -0.96	51.74 1.67 -0.85	55.25 1.93 -1.25	55.28 1.83 -1.22	59.74 2.02 -1.49	69.44 2.66 -1.97	74.82 2.79 -2.21	84.40 3.87 -1.47	74.11 2.65 -1.63	68.86 2.05 -0.84	54.65 1.59 -0.21	48.03 1.34 -0.56	43.50 1.29 -0.58	39.60 1.14 -0.48
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	41.84 1.61 0.00	36.96 1.39 0.00	34.55 1.26 0.00	32.59 0.98 0.00	32.73 0.98 0.00	34.55 1.04 0.00	45.73 1.50 0.00	50.74 1.53 0.00	51.47 1.88 0.00	51.68 1.81 -0.94	51.98 1.96 -1.02	52.28 2.17 -0.90	55.85 2.45 -1.33	55.94 2.40 -1.30	60.51 2.70 -1.58	70.28 3.37 -2.10	75.67 3.49 -2.36	85.13 4.51 -1.57	74.63 3.07 -1.74	69.31 2.44 -0.89	54.87 1.80 -0.22	48.20 1.48 -0.60	43.71 1.46 -0.62	39.79 1.29 -0.51
W50THST__13_KV_LOAD 356117	42.08 1.85 0.00	37.14 1.57 0.00	34.75 1.46 0.00	32.78 1.17 0.00	32.92 1.17 0.00	34.75 1.24 0.00	45.99 1.77 0.00	51.08 1.87 0.00	51.81 2.23 0.00	52.07 2.20 -0.94	52.42 2.40 -1.02	52.68 2.56 -0.90	56.32 2.92 -1.33	56.35 2.82 -1.30	60.96 3.15 -1.58	70.86 3.95 -2.10	76.23 4.05 -2.36	85.76 5.14 -1.57	75.12 3.56 -1.74	69.70 2.84 -0.89	55.19 2.11 -0.22	48.48 1.75 -0.60	43.96 1.71 -0.62	39.98 1.48 -0.51
WADING RIVER_IC_1 23522	40.55 0.32 0.00	35.57 0.00 0.00	33.52 0.23 0.00	31.17 -0.44 0.00	31.43 -0.32 0.00	33.58 0.07 0.00	44.04 -0.18 0.01	47.96 -0.44 0.81	46.89 -0.34 2.35	46.82 -0.44 1.67	43.77 -0.24 4.98	42.25 -0.05 6.92	42.56 0.21 9.72	42.92 0.26 9.58	48.44 0.34 8.13	52.26 0.78 13.32	59.09 0.63 11.35	66.10 1.03 13.98	59.51 0.14 10.45	57.70 -0.20 8.07	46.89 -0.21 5.75	43.74 -0.18 2.20	41.09 -0.17 0.37	38.69 0.19 -0.51
WADING RIVER_IC_2 23547	40.55 0.32 0.00	35.57 0.00 0.00	33.52 0.23 0.00	31.17 -0.44 0.00	31.43 -0.32 0.00	33.58 0.07 0.00	44.04 -0.18 0.01	47.96 -0.44 0.81	46.89 -0.34 2.35	46.82 -0.44 1.67	43.77 -0.24 4.98	42.25 -0.05 6.92	42.56 0.21 9.72	42.92 0.26 9.58	48.44 0.34 8.13	52.26 0.78 13.32	59.09 0.63 11.35	66.10 1.03 13.98	59.51 0.14 10.45	57.70 -0.20 8.07	46.89 -0.21 5.75	43.74 -0.18 2.20	41.09 -0.17 0.37	38.69 0.19 -0.51
WADING RIVER_IC_3 23601	40.55 0.32 0.00	35.57 0.00 0.00	33.52 0.23 0.00	31.17 -0.44 0.00	31.43 -0.32 0.00	33.58 0.07 0.00	44.04 -0.18 0.01	47.96 -0.44 0.81	46.89 -0.34 2.35	46.82 -0.44 1.67	43.77 -0.24 4.98	42.25 -0.05 6.92	42.56 0.21 9.72	42.92 0.26 9.58	48.44 0.34 8.13	52.26 0.78 13.32	59.09 0.63 11.35	66.10 1.03 13.98	59.51 0.14 10.45	57.70 -0.20 8.07	46.89 -0.21 5.75	43.74 -0.18 2.20	41.09 -0.17 0.37	38.69 0.19 -0.51
WALDENNY_12_KV_BK2 80841	42.55 1.05 -1.28	37.56 1.03 -0.95	35.17 1.10 -0.79	33.44 1.17 -0.67	33.44 1.02 -0.68	36.02 1.21 -1.30	46.73 0.84 -1.67	51.94 0.84 -1.90	51.64 0.15 -1.91	51.39 0.83 -1.63	51.63 1.03 -1.60	51.42 0.49 -1.71	55.17 1.15 -1.95	55.30 1.15 -1.91	58.88 0.84 -1.81	65.53 -0.19 -0.92	72.01 0.14 -2.06	82.48 -0.08 -3.50	74.45 1.19 -3.45	71.25 1.65 -3.63	56.09 0.95 -2.29	48.98 1.06 -1.79	43.66 0.67 -1.36	40.47 1.25 -1.23
WALDEN___HYDRO 24148	41.27 1.05 0.00	36.46 0.89 0.00	34.12 0.83 0.00	32.27 0.66 0.00	32.48 0.73 0.00	34.25 0.74 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.77 1.19 0.00	50.72 1.08 -0.72	50.85 1.08 -0.78	51.08 1.18 -0.69	54.49 1.41 -1.02	54.53 1.31 -0.99	58.84 1.41 -1.21	68.35 1.94 -1.60	73.78 2.16 -1.80	83.33 3.08 -1.19	73.17 2.02 -1.33	68.17 1.52 -0.68	54.29 1.27 -0.17	47.64 1.06 -0.46	43.18 1.08 -0.47	39.29 0.91 -0.39
WARRENSBURG____ 23737	40.83 0.60 0.00	36.11 0.53 0.00	33.92 0.63 0.00	32.24 0.63 0.00	32.38 0.63 0.00	34.05 0.54 0.00	45.15 0.93 0.00	50.82 1.23 -0.38	50.48 0.89 0.00	48.76 0.73 0.90	48.50 0.49 0.98	48.84 0.49 0.87	51.21 0.42 1.28	51.97 0.42 0.69	55.16 0.45 1.52	63.56 0.78 2.02	68.60 1.05 2.27	79.61 2.06 1.51	83.89 1.54 -12.53	78.66 0.99 -11.70	54.88 1.22 -0.82	46.70 1.15 0.58	41.95 0.92 0.60	38.18 0.68 0.49
WATERSIDE___6 8 9 23538	41.92 1.69 0.00	37.03 1.46 0.00	34.62 1.33 0.00	32.59 0.98 0.00	32.70 0.95 0.00	34.49 0.97 0.00	45.46 1.24 0.00	50.39 1.18 0.00	51.12 1.54 0.00	51.39 1.52 -0.94	51.78 1.76 -1.02	52.04 1.92 -0.90	55.59 2.19 -1.33	55.67 2.14 -1.30	60.29 2.47 -1.58	70.08 3.18 -2.10	75.25 3.07 -2.36	84.58 3.95 -1.57	74.14 2.58 -1.74	68.84 1.98 -0.89	54.45 1.37 -0.22	47.92 1.20 -0.60	43.66 1.42 -0.62	39.71 1.22 -0.51
WATKINRD_115KV_LN8_ILLION 55919	40.64 0.08 -0.33	35.89 0.07 -0.25	33.63 0.07 -0.27	31.88 0.06 -0.20	32.01 0.06 -0.19	34.66 0.10 -1.05	45.44 0.18 -1.04	50.44 0.20 -1.03	50.61 0.15 -0.87	49.83 0.15 -0.75	49.66 0.15 -0.51	50.23 0.15 -0.87	52.39 0.16 -0.17	53.02 0.16 -0.63	56.77 0.17 -0.37	65.06 0.26 0.00	70.10 0.28 0.00	79.61 0.55 0.00	70.32 0.28 -0.22	66.78 0.26 -0.54	53.82 0.21 -0.75	46.78 0.14 -0.51	42.54 0.12 -0.78	38.74 0.08 -0.68

WDELAWARE___HYD 323627	41.27 1.04 0.00	36.49 0.92 0.00	34.15 0.86 0.00	32.30 0.69 0.00	32.54 0.79 0.00	34.32 0.80 0.00	45.46 1.24 0.00	50.64 1.43 0.00	50.82 1.24 0.00	50.58 1.08 -0.57	50.60 0.98 -0.62	50.75 0.98 -0.55	54.08 1.20 -0.81	54.17 1.15 -0.79	58.48 1.29 -0.96	67.95 1.94 -1.21	73.02 2.03 -1.18	83.01 3.00 -0.95	72.97 2.09 -1.06	68.23 1.71 -0.54	54.52 1.53 -0.14	47.83 1.34 -0.36	43.30 1.29 -0.38	39.28 0.99 -0.31
WEST BABYLON___IC 23714	41.55 1.33 0.00	36.46 0.89 0.00	34.25 0.97 0.00	31.99 0.38 0.00	32.23 0.48 0.00	34.39 0.87 0.00	45.06 0.84 0.01	49.05 0.54 0.70	48.47 0.84 1.95	48.37 0.69 1.24	45.64 0.93 4.28	44.29 1.08 6.01	45.00 1.35 8.43	45.28 1.36 8.31	50.87 1.63 6.99	55.42 2.14 11.52	62.23 2.16 9.75	70.05 3.16 12.17	62.74 1.95 9.03	60.40 1.45 7.03	48.85 1.06 5.06	45.22 0.97 1.88	42.16 0.79 0.26	39.64 1.14 -0.51
WEST CANADA___HYD 24049	40.56 0.00 -0.33	35.82 0.00 -0.25	33.56 0.00 -0.27	31.81 0.00 -0.20	31.94 0.00 -0.19	34.56 0.00 -1.05	45.31 0.04 -1.04	50.29 0.05 -1.03	50.46 0.00 -0.87	49.68 0.00 -0.75	49.51 0.00 -0.51	50.09 0.00 -0.87	52.29 0.05 -0.17	52.87 0.00 -0.63	56.60 0.00 -0.37	64.87 0.06 0.00	69.89 0.07 0.00	79.37 0.32 0.00	70.11 0.07 -0.22	66.51 0.00 -0.54	53.66 0.05 -0.75	46.68 0.05 -0.51	42.45 0.04 -0.78	38.67 0.00 -0.68
WESTERN_NY_WIND 24143	43.12 1.65 -1.25	37.96 1.46 -0.93	35.52 1.46 -0.77	33.71 1.45 -0.65	33.81 1.40 -0.66	36.42 1.64 -1.27	47.44 1.59 -1.63	52.88 1.82 -1.85	52.49 1.04 -1.86	52.28 1.76 -1.59	52.37 1.81 -1.56	52.21 1.33 -1.67	55.69 1.72 -1.90	56.08 1.98 -1.86	59.68 1.69 -1.76	66.80 1.10 -0.90	73.15 1.33 -2.00	84.13 1.66 -3.41	75.69 2.51 -3.36	72.41 2.90 -3.54	57.09 2.01 -2.23	49.81 1.94 -1.75	44.46 1.50 -1.33	41.05 1.86 -1.20
WESTOVER___LESR 323668	42.44 0.64 -1.57	37.31 0.57 -1.17	34.82 0.57 -0.97	33.00 0.57 -0.82	33.15 0.57 -0.83	35.75 0.64 -1.60	47.07 0.80 -2.05	52.53 0.98 -2.33	52.68 0.74 -2.35	51.76 0.83 -2.00	51.80 0.83 -1.97	51.95 0.64 -2.10	55.25 0.78 -2.39	55.37 0.78 -2.35	59.13 0.67 -2.22	66.52 0.58 -1.13	73.18 0.84 -2.53	84.62 1.26 -4.30	75.24 1.19 -4.23	71.75 1.32 -4.46	56.61 0.95 -2.81	49.16 0.83 -2.20	43.93 0.62 -1.68	40.22 0.72 -1.51
WETHRSFD_WT_PWR 323626	42.64 1.01 -1.41	37.37 0.75 -1.05	35.09 0.93 -0.87	33.42 1.08 -0.73	33.42 0.92 -0.75	36.09 1.14 -1.43	46.99 0.93 -1.84	51.84 0.54 -2.09	52.09 0.39 -2.11	51.56 0.83 -1.80	51.35 0.59 -1.77	51.45 0.35 -1.88	55.00 0.78 -2.15	55.07 0.73 -2.11	58.62 0.40 -2.00	65.63 -0.19 -1.02	72.09 0.00 -2.27	82.84 -0.08 -3.86	75.02 1.40 -3.80	71.49 1.52 -4.00	56.22 0.84 -2.52	49.03 0.92 -1.98	43.63 0.50 -1.50	40.37 1.03 -1.36
WHAVSTOR_138KV_BK127 55557	41.39 1.17 0.00	36.57 1.00 0.00	34.19 0.90 0.00	32.30 0.70 0.00	32.45 0.70 0.00	34.25 0.74 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.87 1.29 0.00	51.04 1.22 -0.88	51.23 1.27 -0.96	51.49 1.43 -0.85	54.99 1.67 -1.26	55.02 1.57 -1.22	59.46 1.74 -1.49	69.12 2.33 -1.98	74.48 2.44 -2.22	83.93 3.40 -1.47	73.62 2.16 -1.64	68.53 1.72 -0.84	54.33 1.27 -0.21	47.75 1.06 -0.56	43.29 1.08 -0.58	39.38 0.91 -0.48
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	41.39 1.17 0.00	36.57 1.00 0.00	34.19 0.90 0.00	32.30 0.70 0.00	32.45 0.70 0.00	34.25 0.74 0.00	45.33 1.11 0.00	50.29 1.08 0.00	50.87 1.29 0.00	51.04 1.22 -0.88	51.23 1.27 -0.96	51.49 1.43 -0.85	54.99 1.67 -1.26	55.02 1.57 -1.22	59.46 1.74 -1.49	69.12 2.33 -1.98	74.48 2.44 -2.22	83.93 3.40 -1.47	73.62 2.16 -1.64	68.53 1.72 -0.84	54.33 1.27 -0.21	47.75 1.06 -0.56	43.29 1.08 -0.58	39.38 0.91 -0.48
WHITEHAL_115KV_TB1 80871	41.67 1.45 0.00	36.82 1.25 0.00	34.59 1.30 0.00	32.87 1.26 0.00	33.02 1.27 0.00	34.82 1.31 0.00	46.22 1.99 0.00	52.08 2.46 -0.41	51.57 1.98 0.00	49.72 1.71 0.93	49.36 1.37 1.01	49.70 1.38 0.89	52.06 1.30 1.31	52.87 1.31 0.67	56.13 1.46 1.56	64.67 1.94 2.07	69.93 2.44 2.33	81.31 3.79 1.54	86.71 3.28 -13.61	81.21 2.57 -12.67	56.28 2.54 -0.89	47.80 2.26 0.59	42.89 1.87 0.61	38.93 1.44 0.50
WHITEPLN_13_KV_LOAD 356215	42.08 1.85 0.00	37.17 1.60 0.00	34.79 1.50 0.00	32.84 1.23 0.00	32.92 1.17 0.00	34.75 1.24 0.00	46.08 1.86 0.00	51.13 1.92 0.00	51.86 2.28 0.00	52.17 2.30 -0.94	52.47 2.45 -1.02	52.73 2.61 -0.90	56.37 2.97 -1.33	56.40 2.87 -1.30	61.02 3.21 -1.58	70.86 3.95 -2.10	76.36 4.19 -2.36	86.00 5.38 -1.56	75.26 3.70 -1.74	69.97 3.10 -0.89	55.35 2.27 -0.22	48.62 1.89 -0.60	43.91 1.67 -0.62	39.98 1.48 -0.51
WM_FLOYD_69_KV_BK2 356380	40.87 0.64 0.00	35.79 0.21 0.00	33.65 0.37 0.00	31.42 -0.19 0.00	31.65 -0.10 0.00	33.82 0.30 0.00	44.39 0.18 0.01	48.11 -0.30 0.81	47.24 0.00 2.35	47.22 -0.05 1.66	44.22 0.20 4.97	42.66 0.34 6.90	42.95 0.57 9.69	43.25 0.57 9.56	48.85 0.73 8.11	52.68 1.17 13.29	59.75 1.26 11.32	67.16 2.06 13.95	60.30 0.91 10.43	58.38 0.46 8.06	47.27 0.16 5.74	44.07 0.14 2.20	41.26 0.00 0.37	38.99 0.49 -0.51
WOODARD___115KV_TB2 355635	42.91 -0.20 -2.89	37.51 -0.21 -2.15	34.97 -0.17 -1.85	33.02 -0.13 -1.54	33.17 -0.13 -1.54	37.16 -0.10 -3.75	48.59 -0.09 -4.46	54.31 0.20 -4.90	54.59 0.15 -4.86	53.27 0.20 -4.14	53.03 0.24 -3.79	53.87 0.20 -4.46	56.20 0.10 -4.02	56.94 0.16 -4.55	60.30 0.06 -4.01	66.60 0.00 -1.80	73.56 -0.28 -4.02	85.74 -0.16 -6.84	76.53 -0.28 -6.99	73.62 -0.07 -7.71	58.08 -0.11 -5.34	50.18 -0.05 -4.10	45.08 -0.12 -3.57	41.14 -0.04 -3.19
WOODMERE_69_KV_BK1 55827	41.71 1.49 0.00	36.67 1.10 0.00	34.45 1.17 0.00	32.27 0.66 0.00	32.45 0.70 0.00	34.52 1.01 0.00	45.24 1.02 0.01	50.31 0.93 -0.17	52.71 1.19 -1.94	53.01 1.22 -2.86	50.92 1.52 -0.40	51.00 1.67 -0.12	54.27 1.98 -0.22	54.43 1.98 -0.21	59.14 2.31 -0.61	68.28 2.92 -0.56	73.87 3.07 -0.98	83.29 4.27 0.03	73.17 2.86 -0.49	68.18 2.24 0.03	54.06 1.59 0.38	47.72 1.29 -0.31	43.22 1.08 -0.51	39.71 1.22 -0.51
YORK___WARBASSE 23770	42.16 1.93 0.00	37.24 1.67 0.00	34.82 1.53 0.00	32.46 0.85 0.00	32.57 0.83 0.00	34.32 0.80 0.00	45.33 1.11 0.00	50.10 0.89 0.00	50.87 1.29 0.00	51.24 1.37 -0.94	51.68 1.67 -1.02	51.99 1.87 -0.90	55.38 1.98 -1.33	55.47 1.93 -1.30	60.12 2.31 -1.58	69.96 3.05 -2.10	74.77 2.58 -2.37	84.02 3.40 -1.57	73.73 2.16 -1.74	68.58 1.72 -0.89	54.24 1.16 -0.22	47.88 1.15 -0.60	43.62 1.37 -0.62	39.60 1.10 -0.51