

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data																									11/28/2023			
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1 24138	EST	34.97	33.56	32.29	32.40	33.06	37.06	46.50	58.19	48.23	42.91	43.86	43.37	43.27	43.80	47.02	50.03	68.36	90.49	77.80	65.29	55.46	49.20	45.51	43.28			
		1.98	1.81	1.78	1.76	1.82	2.34	3.56	3.83	3.13	3.12	3.01	2.99	2.90	2.82	2.60	2.55	2.66	4.10	3.93	3.65	2.90	2.87	2.92	2.96			
		-3.48	-3.81	-2.69	-3.54	-3.25	-4.70	0.00	-10.30	-9.56	-7.34	-9.16	-10.73	-11.07	-12.24	-17.56	-20.64	-38.79	-43.72	-31.15	-21.97	-18.42	-12.96	-9.40	-6.66			
74TH STREET_GT_1 24260	EST	35.00	33.59	32.30	32.37	33.06	37.02	46.50	58.15	48.30	42.94	43.86	43.31	43.24	43.77	46.98	49.99	68.34	90.44	77.85	65.30	55.47	49.23	45.55	43.31			
		2.01	1.84	1.81	1.76	1.85	2.34	3.56	3.88	3.20	3.15	3.01	2.94	2.87	2.79	2.58	2.52	2.66	4.05	3.97	3.65	2.90	2.90	2.95	2.99			
		-3.48	-3.81	-2.67	-3.52	-3.23	-4.66	0.00	-10.22	-9.56	-7.34	-9.15	-10.72	-11.06	-12.23	-17.55	-20.63	-38.77	-43.72	-31.16	-21.97	-18.42	-12.96	-9.40	-6.67			
74TH STREET_GT_2 24261	EST	35.00	33.59	32.30	32.37	33.06	37.02	46.50	58.15	48.30	42.94	43.86	43.31	43.24	43.77	46.98	49.99	68.34	90.44	77.85	65.30	55.47	49.23	45.55	43.31			
		2.01	1.84	1.81	1.76	1.85	2.34	3.56	3.88	3.20	3.15	3.01	2.94	2.87	2.79	2.58	2.52	2.66	4.05	3.97	3.65	2.90	2.90	2.95	2.99			
		-3.48	-3.81	-2.67	-3.52	-3.23	-4.66	0.00	-10.22	-9.56	-7.34	-9.15	-10.72	-11.06	-12.23	-17.55	-20.63	-38.77	-43.72	-31.16	-21.97	-18.42	-12.96	-9.40	-6.67			
ADK HUDSON___FALLS 24011	EST	36.18	34.87	33.21	33.52	34.07	38.20	46.29	60.51	50.45	44.07	45.41	45.22	45.31	46.23	50.88	54.72	73.72	101.41	85.26	70.34	60.49	52.19	47.35	44.67			
		2.21	2.07	1.98	1.92	1.96	2.22	3.35	3.39	2.77	2.30	2.09	1.96	1.96	1.95	1.75	1.69	1.78	3.24	2.99	2.78	2.56	2.37	2.22	2.56			
		-4.45	-4.87	-3.41	-4.50	-4.13	-5.96	0.00	-13.07	-12.14	-9.32	-11.62	-13.61	-14.05	-15.53	-22.28	-26.19	-45.04	-55.49	-39.55	-27.89	-23.79	-16.45	-11.93	-8.46			
ADK RESOURCE___RCVRY 23798	EST	36.45	35.10	33.44	33.71	34.31	38.45	46.72	60.93	50.82	44.34	45.64	45.44	45.53	46.45	51.09	54.93	73.96	101.90	85.66	70.71	60.81	52.46	47.59	44.94			
		2.48	2.29	2.20	2.11	2.18	2.46	3.78	3.79	3.13	2.56	2.31	2.16	2.17	2.16	1.93	1.88	1.99	3.71	3.37	3.13	2.87	2.64	2.46	2.83			
		-4.46	-4.87	-3.42	-4.50	-4.13	-5.97	0.00	-13.09	-12.15	-9.32	-11.63	-13.62	-14.06	-15.54	-22.30	-26.21	-45.06	-55.52	-39.57	-27.90	-23.80	-16.46	-11.94	-8.46			
ADK S GLENS___FALLS 24028	EST	36.18	34.87	33.21	33.52	34.07	38.20	46.29	60.51	50.45	44.07	45.41	45.22	45.31	46.23	50.88	54.72	73.72	101.41	85.26	70.34	60.49	52.19	47.35	44.67			
		2.21	2.07	1.98	1.92	1.96	2.22	3.35	3.39	2.77	2.30	2.09	1.96	1.96	1.95	1.75	1.69	1.78	3.24	2.99	2.78	2.56	2.37	2.22	2.56			
		-4.45	-4.87	-3.41	-4.50	-4.13	-5.96	0.00	-13.07	-12.14	-9.32	-11.62	-13.61	-14.05	-15.53	-22.28	-26.19	-45.04	-55.49	-39.55	-27.89	-23.79	-16.45	-11.93	-8.46			
ADK_NYS___DAM 23527	EST	35.88	34.60	33.04	33.31	33.91	38.03	46.24	59.95	49.97	43.86	45.40	45.09	45.11	46.00	50.49	54.28	72.54	99.46	84.18	69.72	59.68	51.87	47.31	44.52			
		2.06	1.95	1.92	1.87	1.93	2.25	3.31	3.26	2.70	2.40	2.47	2.28	2.23	2.24	2.10	2.12	2.04	3.16	3.24	3.10	2.66	2.60	2.59	2.69			
		-4.30	-4.71	-3.30	-4.35	-3.99	-5.77	0.00	-12.64	-11.73	-9.01	-11.24	-13.16	-13.58	-15.01	-21.54	-25.32	-43.59	-53.63	-38.22	-26.95	-22.88	-15.90	-11.53	-8.18			
AIR_PRODUCTS___DRP 24190	EST	34.68	33.49	32.06	32.37	32.88	36.72	44.14	57.93	48.36	42.43	43.97	43.77	43.87	44.74	49.37	53.18	71.59	98.01	82.53	68.04	58.17	50.43	45.85	42.94			
		0.83	0.81	0.92	0.89	0.87	0.90	1.20	1.15	1.00	0.91	0.95	0.86	0.88	0.86	0.81	0.83	0.78	1.28	1.28	1.19	1.06	1.03	1.03	1.04			
		-4.34	-4.75	-3.32	-4.38	-4.02	-5.81	0.00	-12.73	-11.82	-9.08	-11.32	-13.26	-13.69	-15.13	-21.71	-25.52	-43.90	-54.06	-38.53	-27.17	-22.97	-16.03	-11.63	-8.24			
AKWESSNE_115KV_BK 355683	EST	29.13	27.65	27.60	26.85	27.71	29.68	42.55	43.70	35.08	31.93	31.12	29.06	28.71	28.17	26.34	26.27	26.37	41.90	41.90	38.92	33.53	32.77	32.59	33.08			
		-0.38	-0.28	-0.22	-0.24	-0.28	-0.33	-0.39	-0.35	-0.46	-0.52	-0.57	-0.59	-0.59	-0.57	-0.51	-0.56	-0.54	-0.77	-0.81	-0.75	-0.61	-0.60	-0.60	-0.57			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1 23571	EST	34.68	33.49	32.06	32.37	32.88	36.72	44.14	57.93	48.36	42.43	43.97	43.77	43.87	44.74	49.37	53.18	71.59	98.01	82.53	68.04	58.17	50.43	45.85	42.94			
		0.83	0.81	0.92	0.89	0.87	0.90	1.20	1.15	1.00	0.91	0.95	0.86	0.88	0.86	0.81	0.83	0.78	1.28	1.28	1.19	1.06	1.03	1.03	1.04			
		-4.34	-4.75	-3.32	-4.38	-4.02	-5.81	0.00	-12.73	-11.82	-9.08	-11.32	-13.26	-13.69	-15.13	-21.71	-25.52	-43.90	-54.06	-38.53	-27.17	-22.97	-16.03	-11.63	-8.24			
ALBANY___2 23572	EST	34.68	33.49	32.06	32.37	32.88	36.72	44.14	57.93	48.36	42.43	43.97	43.77	43.87	44.74	49.37	53.18	71.59	98.01	82.53	68.04	58.17	50.43	45.85	42.94			
		0.83	0.81	0.92	0.89	0.87	0.90	1.20	1.15	1.00	0.91	0.95	0.86	0.88	0.86	0.81	0.83	0.78	1.28	1.28	1.19	1.06	1.03	1.03	1.04			
		-4.34	-4.75	-3.32	-4.38	-4.02	-5.81	0.00	-12.73	-11.82	-9.08	-11.32	-13.26	-13.69	-15.13	-21.71	-25.52	-43.90	-54.06	-38.53	-27.17	-22.97	-16.03	-11.63	-8.24			
ALBANY___3 23573	EST	34.68	33.49	32.06	32.37	32.88	36.72	44.14	57.93	48.36	42.43	43.97	43.77	43.87	44.74	49.37	53.18	71.59	98.01	82.53	68.04	58.17	50.43	45.85	42.94			
		0.83	0.81	0.92	0.89	0.87	0.90	1.20	1.15	1.00	0.91	0.95	0.86	0.88	0.86	0.81	0.83	0.78	1.28	1.28	1.19	1.06	1.03	1.03	1.04			
		-4.34	-4.75	-3.32	-4.38	-4.02	-5.81	0.00	-12.73	-11.82	-9.08	-11.32	-13.26	-13.69	-15.13	-21.71	-25.52	-43.90	-54.06	-38.53	-27.17	-22.97	-16.03	-11.63	-8.24			

ALBANY___4 23574	34.68 0.83 -4.34	33.49 0.81 -4.75	32.06 0.92 -3.32	32.37 0.89 -4.38	32.88 0.87 -4.02	36.72 0.90 -5.81	44.14 1.20 0.00	57.93 1.15 -12.73	48.36 1.00 -11.82	42.43 0.91 -9.08	43.97 0.95 -11.32	43.77 0.86 -13.26	43.87 0.88 -13.69	44.74 0.86 -15.13	49.37 0.81 -21.71	53.18 0.83 -25.52	71.59 0.78 -43.90	98.01 1.28 -54.06	82.53 1.28 -38.53	68.04 1.19 -27.17	58.17 1.06 -22.97	50.43 1.03 -16.03	45.85 1.03 -11.63	42.94 1.04 -8.24
ALBANY___LFGE 323615	35.03 1.15 -4.37	33.83 1.12 -4.78	32.34 1.17 -3.35	32.65 1.14 -4.42	33.19 1.15 -4.05	37.10 1.23 -5.86	44.70 1.76 0.00	58.56 1.67 -12.84	48.88 1.42 -11.91	42.89 1.30 -9.15	44.40 1.30 -11.41	44.20 1.19 -13.36	44.29 1.20 -13.79	45.20 1.21 -15.24	49.86 1.13 -21.87	53.70 1.15 -25.71	72.26 1.13 -44.22	98.96 1.83 -54.46	83.32 1.79 -38.81	68.71 1.67 -27.37	58.84 1.50 -23.19	50.98 1.47 -16.14	46.30 1.39 -11.71	43.36 1.41 -8.30
ALCOA_PA_115KV_PL-6C 55860	29.24 -0.27 0.00	27.85 -0.08 0.00	27.82 0.00 0.00	27.07 -0.03 0.00	27.88 -0.11 0.00	29.77 -0.24 0.00	42.77 -0.17 0.00	43.88 -0.18 0.00	35.22 -0.32 0.00	32.03 -0.42 0.00	31.22 -0.48 0.00	29.84 -0.50 -0.69	29.72 -0.47 -0.89	29.16 -0.46 -0.88	27.28 -0.40 -0.83	27.18 -0.48 -0.83	27.31 -0.43 -0.83	43.23 -0.64 -1.20	43.19 -0.73 -1.20	40.17 -0.63 -1.13	34.64 -0.51 -1.01	33.69 -0.47 -0.79	33.51 -0.46 -0.78	33.21 -0.44 0.00
ALCOA_RYNLDS___DRP 24188	29.24 -0.27 0.00	27.85 -0.08 0.00	27.82 0.00 0.00	27.07 -0.03 0.00	27.88 -0.11 0.00	29.77 -0.24 0.00	42.77 -0.17 0.00	43.88 -0.18 0.00	35.22 -0.32 0.00	32.03 -0.42 0.00	31.22 -0.48 0.00	29.84 -0.50 -0.69	29.72 -0.47 -0.89	29.16 -0.46 -0.88	27.28 -0.40 -0.83	27.18 -0.48 -0.83	27.31 -0.43 -0.83	43.23 -0.64 -1.20	43.19 -0.73 -1.20	40.17 -0.63 -1.13	34.64 -0.51 -1.01	33.69 -0.47 -0.79	33.51 -0.46 -0.78	33.21 -0.44 0.00
ALCOA___DSASP 323711	29.24 -0.27 0.00	27.85 -0.08 0.00	27.77 -0.06 0.00	27.07 -0.03 0.00	27.88 -0.11 0.00	29.77 -0.24 0.00	42.51 -0.43 0.00	43.96 -0.09 0.00	35.22 -0.32 0.00	32.06 -0.39 0.00	31.22 -0.47 0.00	29.84 -0.50 -0.69	29.72 -0.47 -0.89	29.16 -0.46 -0.88	27.28 -0.40 -0.83	27.18 -0.48 -0.83	27.31 -0.43 -0.83	43.23 -0.64 -1.20	43.19 -0.73 -1.20	40.17 -0.64 -1.13	34.64 -0.51 -1.01	33.69 -0.47 -0.79	33.51 -0.46 -0.78	33.21 -0.44 0.00
ALLEGHENY___COGEN 23514	30.70 0.33 -0.86	29.16 0.28 -0.94	28.68 0.20 -0.66	28.13 0.16 -0.87	29.01 0.22 -0.80	31.62 0.45 -1.15	43.88 0.94 0.00	47.11 0.53 -2.53	38.42 0.36 -2.35	34.61 0.36 -1.80	34.19 0.25 -2.25	32.49 0.21 -2.63	32.28 0.26 -2.71	32.07 0.32 -3.00	31.43 0.27 -4.31	32.41 0.51 -5.06	35.97 0.54 -8.53	69.21 1.37 -25.17	51.61 1.28 -7.61	46.35 1.31 -5.37	39.84 1.19 -4.50	37.60 1.07 -3.17	36.45 0.96 -2.30	36.25 0.98 -1.63
ALTAMONT_115KV_TB 2 55880	34.98 1.12 -4.35	33.75 1.06 -4.76	32.24 1.09 -3.33	32.54 1.06 -4.39	33.11 1.09 -4.03	37.07 1.23 -5.82	44.66 1.72 0.00	58.53 1.72 -12.76	48.81 1.42 -11.85	42.84 1.30 -9.10	44.34 1.30 -11.35	44.16 1.22 -13.29	44.25 1.23 -13.72	45.12 1.21 -15.16	49.74 1.13 -21.76	53.56 1.15 -25.57	72.03 1.13 -43.99	98.65 1.79 -54.18	83.11 1.79 -38.60	68.56 1.67 -27.22	58.57 1.47 -22.96	50.86 1.43 -16.06	46.27 1.43 -11.65	43.35 1.45 -8.26
ALTONA_WT_PWR 323606	29.01 -0.50 0.00	27.60 -0.33 0.00	27.52 -0.31 0.00	26.77 -0.32 0.00	27.68 -0.31 0.00	29.74 -0.27 0.00	42.72 -0.21 0.00	43.48 -0.57 0.00	34.58 -0.96 0.00	31.15 -1.30 0.00	30.04 -1.65 0.00	0.90 -1.75 27.00	-6.99 -1.70 34.59	-6.99 -1.67 34.07	-6.99 -1.53 32.32	-7.02 -1.61 32.25	-7.02 -1.56 32.37	-6.39 -2.39 46.68	-6.44 -2.52 46.64	-6.68 -2.34 44.01	-6.94 -1.94 39.13	0.73 -1.84 30.80	0.85 -1.86 30.48	31.80 -1.85 0.00
AMERICAN_REF_FUEL 24010	28.45 -1.86 -0.79	26.99 -1.82 -0.87	26.59 -1.84 -0.61	26.11 -1.79 -0.80	26.91 -1.82 -0.73	29.30 -1.77 -1.06	40.15 -2.79 0.00	42.28 -4.10 -2.33	34.92 -2.77 -2.15	31.83 -2.27 -1.65	31.53 -2.22 -2.06	30.04 -2.02 -2.41	29.91 -1.88 -2.49	29.71 -1.78 -2.75	29.05 -1.75 -3.94	29.92 -1.56 -4.64	32.90 -1.91 -7.90	45.67 -3.16 -6.16	46.33 -3.42 -7.04	41.58 -3.05 -4.96	35.95 -2.36 -4.16	33.99 -2.30 -2.93	33.26 -2.06 -2.12	33.44 -1.71 -1.51
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.79 -1.56 -0.85	27.27 -1.59 -0.93	26.86 -1.61 -0.65	26.38 -1.57 -0.86	27.18 -1.59 -0.79	29.71 -1.44 -1.14	41.09 -1.85 0.00	43.50 -3.04 -2.49	35.67 -2.17 -2.30	32.36 -1.85 -1.76	32.02 -1.87 -2.20	30.53 -1.69 -2.57	30.40 -1.55 -2.66	30.16 -1.52 -2.94	29.54 -1.53 -4.22	30.45 -1.34 -4.95	33.81 -1.53 -8.44	46.23 -2.43 -5.98	47.78 -2.43 -7.50	42.82 -2.14 -5.29	37.07 -1.50 -4.43	35.12 -1.37 -3.12	34.36 -1.09 -2.26	34.38 -0.88 -1.60
ARTHUR_KILL_GT_1 23520	35.03 2.03 -3.48	33.59 1.84 -3.81	32.29 1.78 -2.69	32.38 1.74 -3.54	33.04 1.79 -3.25	36.97 2.25 -4.70	45.82 2.88 0.00	57.43 3.08 -10.30	47.62 2.52 -9.56	42.38 2.60 -7.33	43.35 2.50 -9.15	42.86 2.49 -10.72	42.79 2.43 -11.06	43.33 2.36 -12.23	46.61 2.20 -17.55	49.62 2.15 -20.63	68.06 2.39 -38.76	90.06 3.67 -43.71	77.45 3.59 -31.15	64.92 3.29 -21.96	55.08 2.53 -18.41	48.82 2.50 -12.95	45.41 2.82 -9.40	43.52 3.20 -6.67
ARTHUR_KILL_2 23512	34.94 1.95 -3.48	33.53 1.79 -3.81	32.21 1.70 -2.69	32.29 1.65 -3.54	32.98 1.74 -3.25	36.88 2.16 -4.70	45.69 2.75 0.00	57.30 2.95 -10.30	47.52 2.42 -9.56	42.28 2.50 -7.33	43.25 2.41 -9.15	42.77 2.40 -10.72	42.71 2.34 -11.06	43.25 2.27 -12.23	46.53 2.12 -17.55	49.54 2.07 -20.63	67.96 2.29 -38.76	89.88 3.50 -43.71	77.32 3.46 -31.15	64.77 3.13 -21.96	54.94 2.39 -18.41	48.72 2.40 -12.95	45.31 2.72 -9.40	43.42 3.09 -6.67
ARTHUR_KILL_3 23513	34.68 1.68 -3.48	33.31 1.56 -3.81	32.04 1.53 -2.69	32.16 1.52 -3.54	32.81 1.57 -3.25	36.78 2.07 -4.70	46.03 3.09 0.00	57.70 3.35 -10.30	47.81 2.70 -9.56	42.55 2.76 -7.34	43.48 2.63 -9.16	43.04 2.67 -10.73	42.98 2.61 -11.07	43.48 2.50 -12.24	46.72 2.31 -17.56	49.70 2.23 -20.64	68.03 2.34 -38.78	89.93 3.54 -43.72	77.33 3.46 -31.15	64.82 3.17 -21.97	55.05 2.49 -18.42	48.86 2.53 -12.96	45.21 2.62 -9.40	42.97 2.66 -6.66
ARTHUR_KILL_COGEN 323718	35.03 2.03 -3.48	33.59 1.84 -3.81	32.29 1.78 -2.69	32.38 1.74 -3.54	33.04 1.79 -3.25	36.97 2.25 -4.70	45.82 2.88 0.00	57.43 3.08 -10.30	47.62 2.52 -9.56	42.38 2.60 -7.33	43.35 2.50 -9.15	42.86 2.49 -10.72	42.79 2.43 -11.06	43.33 2.36 -12.23	46.61 2.20 -17.55	49.62 2.15 -20.63	68.06 2.39 -38.76	90.06 3.67 -43.71	77.45 3.59 -31.15	64.92 3.29 -21.96	55.08 2.53 -18.41	48.82 2.50 -12.95	45.41 2.82 -9.40	43.52 3.20 -6.67
ASHOKAN____ 23654	33.97 0.56 -3.91	32.71 0.50 -4.27	31.40 0.59 -2.99	31.55 0.51 -3.94	32.17 0.56 -3.62	36.11 0.87 -5.23	45.94 3.00 0.00	56.57 1.06 -11.47	47.14 0.96 -10.64	41.30 0.68 -8.17	42.42 0.54 -10.19	41.94 0.36 -11.93	42.08 0.47 -12.32	42.85 0.49 -13.61	46.93 0.54 -19.54	50.60 0.80 -22.96	67.00 0.59 -39.51	92.88 1.32 -48.88	78.79 1.24 -34.83	65.35 1.11 -24.56	55.91 1.09 -20.68	48.72 0.87 -14.49	44.43 0.73 -10.51	41.81 0.71 -7.45

ASTORIA_EAST_ENERGY_CC1 323581	35.00 2.01 -3.48	33.53 1.79 -3.81	32.21 1.70 -2.69	32.29 1.65 -3.54	32.98 1.74 -3.25	36.85 2.13 -4.70	45.76 2.83 0.01	57.43 3.08 -10.30	47.69 2.59 -9.56	42.48 2.69 -7.33	43.41 2.57 -9.15	42.95 2.58 -10.72	42.88 2.52 -11.06	43.42 2.44 -12.23	46.66 2.26 -17.55	49.67 2.20 -20.63	68.04 2.37 -38.76	90.01 3.63 -43.71	77.37 3.50 -31.15	64.85 3.21 -21.96	55.05 2.49 -18.41	48.79 2.47 -12.95	45.21 2.62 -9.39	43.08 2.76 -6.67
ASTORIA_EAST_ENERGY_CC2 323582	35.00 2.01 -3.48	33.53 1.79 -3.81	32.21 1.70 -2.69	32.29 1.65 -3.54	32.98 1.74 -3.25	36.85 2.13 -4.70	45.76 2.83 0.01	57.43 3.08 -10.30	47.69 2.59 -9.56	42.48 2.69 -7.33	43.41 2.57 -9.15	42.95 2.58 -10.72	42.88 2.52 -11.06	43.42 2.44 -12.23	46.66 2.26 -17.55	49.67 2.20 -20.63	68.04 2.37 -38.76	90.01 3.63 -43.71	77.37 3.50 -31.15	64.85 3.21 -21.96	55.05 2.49 -18.41	48.79 2.47 -12.95	45.21 2.62 -9.39	43.08 2.76 -6.67
ASTORIA_GT2_1 24094	35.00 2.01 -3.48	33.56 1.82 -3.81	32.22 1.73 -2.67	32.27 1.65 -3.52	32.95 1.74 -3.23	36.84 2.16 -4.66	45.82 2.88 0.00	57.45 3.17 -10.22	47.84 2.74 -9.56	42.58 2.79 -7.34	43.48 2.63 -9.15	42.95 2.58 -10.72	42.88 2.52 -11.06	43.42 2.44 -12.23	46.66 2.26 -17.55	49.67 2.20 -20.63	68.07 2.39 -38.77	90.02 3.63 -43.72	77.38 3.50 -31.16	64.86 3.21 -21.97	55.09 2.53 -18.42	48.83 2.50 -12.96	45.22 2.62 -9.40	43.12 2.79 -6.67
ASTORIA_GT2_2 24095	35.00 2.01 -3.48	33.56 1.82 -3.81	32.22 1.73 -2.67	32.27 1.65 -3.52	32.95 1.74 -3.23	36.84 2.16 -4.66	45.82 2.88 0.00	57.45 3.17 -10.22	47.84 2.74 -9.56	42.58 2.79 -7.34	43.48 2.63 -9.15	42.95 2.58 -10.72	42.88 2.52 -11.06	43.42 2.44 -12.23	46.66 2.26 -17.55	49.67 2.20 -20.63	68.07 2.39 -38.77	90.02 3.63 -43.72	77.38 3.50 -31.16	64.86 3.21 -21.97	55.09 2.53 -18.42	48.83 2.50 -12.96	45.22 2.62 -9.40	43.12 2.79 -6.67
ASTORIA_GT2_3 24096	35.00 2.01 -3.48	33.56 1.82 -3.81	32.22 1.73 -2.67	32.27 1.65 -3.52	32.95 1.74 -3.23	36.84 2.16 -4.66	45.82 2.88 0.00	57.45 3.17 -10.22	47.84 2.74 -9.56	42.58 2.79 -7.34	43.48 2.63 -9.15	42.95 2.58 -10.72	42.88 2.52 -11.06	43.42 2.44 -12.23	46.66 2.26 -17.55	49.67 2.20 -20.63	68.07 2.39 -38.77	90.02 3.63 -43.72	77.38 3.50 -31.16	64.86 3.21 -21.97	55.09 2.53 -18.42	48.83 2.50 -12.96	45.22 2.62 -9.40	43.12 2.79 -6.67
ASTORIA_GT2_4 24097	35.00 2.01 -3.48	33.56 1.82 -3.81	32.22 1.73 -2.67	32.27 1.65 -3.52	32.95 1.74 -3.23	36.84 2.16 -4.66	45.82 2.88 0.00	57.45 3.17 -10.22	47.84 2.74 -9.56	42.58 2.79 -7.34	43.48 2.63 -9.15	42.95 2.58 -10.72	42.88 2.52 -11.06	43.42 2.44 -12.23	46.66 2.26 -17.55	49.67 2.20 -20.63	68.07 2.39 -38.77	90.02 3.63 -43.72	77.38 3.50 -31.16	64.86 3.21 -21.97	55.09 2.53 -18.42	48.83 2.50 -12.96	45.22 2.62 -9.40	43.12 2.79 -6.67
ASTORIA_GT3_1 24098	35.00 2.01 -3.48	33.56 1.82 -3.81	32.22 1.73 -2.67	32.27 1.65 -3.52	32.95 1.74 -3.23	36.84 2.16 -4.66	45.82 2.88 0.00	57.45 3.17 -10.22	47.84 2.74 -9.56	42.58 2.79 -7.34	43.48 2.63 -9.15	42.95 2.58 -10.72	42.88 2.52 -11.06	43.42 2.44 -12.23	46.66 2.26 -17.55	49.67 2.20 -20.63	68.07 2.39 -38.77	90.02 3.63 -43.72	77.38 3.50 -31.16	64.86 3.21 -21.97	55.09 2.53 -18.42	48.83 2.50 -12.96	45.22 2.62 -9.40	43.12 2.79 -6.

ASTORIA_GT_10 24110	35.00 2.01 -3.48	33.56 1.82 -3.81	32.27 1.78 -2.67	32.32 1.71 -3.52	33.01 1.79 -3.23	36.93 2.25 -4.66	46.20 3.26 0.00	57.84 3.57 -10.22	48.09 2.99 -9.56	42.74 2.95 -7.34	43.70 2.85 -9.15	43.16 2.79 -10.72	43.09 2.72 -11.06	43.62 2.64 -12.23	46.85 2.44 -17.55	49.88 2.42 -20.63	68.26 2.58 -38.77	90.31 3.93 -43.72	77.68 3.80 -31.16	65.14 3.49 -21.97	55.33 2.77 -18.42	49.10 2.77 -12.96	45.51 2.92 -9.40	43.32 2.99 -6.67
ASTORIA_GT_11 24225	35.00 2.01 -3.48	33.56 1.82 -3.81	32.27 1.78 -2.67	32.32 1.71 -3.52	33.01 1.79 -3.23	36.93 2.25 -4.66	46.20 3.26 0.00	57.84 3.57 -10.22	48.09 2.99 -9.56	42.74 2.95 -7.34	43.70 2.85 -9.15	43.16 2.79 -10.72	43.09 2.72 -11.06	43.62 2.64 -12.23	46.85 2.44 -17.55	49.88 2.42 -20.63	68.26 2.58 -38.77	90.31 3.93 -43.72	77.68 3.80 -31.16	65.14 3.49 -21.97	55.33 2.77 -18.42	49.10 2.77 -12.96	45.51 2.92 -9.40	43.32 2.99 -6.67
ASTORIA_GT_12 24226	35.00 2.01 -3.48	33.56 1.82 -3.81	32.27 1.78 -2.67	32.32 1.71 -3.52	33.01 1.79 -3.23	36.93 2.25 -4.66	46.20 3.26 0.00	57.84 3.57 -10.22	48.09 2.99 -9.56	42.74 2.95 -7.34	43.70 2.85 -9.15	43.16 2.79 -10.72	43.09 2.72 -11.06	43.62 2.64 -12.23	46.85 2.44 -17.55	49.88 2.42 -20.63	68.26 2.58 -38.77	90.31 3.93 -43.72	77.68 3.80 -31.16	65.14 3.49 -21.97	55.33 2.77 -18.42	49.10 2.77 -12.96	45.51 2.92 -9.40	43.32 2.99 -6.67
ASTORIA_GT_13 24227	35.00 2.01 -3.48	33.56 1.82 -3.81	32.27 1.78 -2.67	32.32 1.71 -3.52	33.01 1.79 -3.23	36.93 2.25 -4.66	46.20 3.26 0.00	57.84 3.57 -10.22	48.09 2.99 -9.56	42.74 2.95 -7.34	43.70 2.85 -9.15	43.16 2.79 -10.72	43.09 2.72 -11.06	43.62 2.64 -12.23	46.85 2.44 -17.55	49.88 2.42 -20.63	68.26 2.58 -38.77	90.31 3.93 -43.72	77.68 3.80 -31.16	65.14 3.49 -21.97	55.33 2.77 -18.42	49.10 2.77 -12.96	45.51 2.92 -9.40	43.32 2.99 -6.67
ASTORIA_GT_5 24106	35.06 2.06 -3.48	33.62 1.87 -3.81	32.27 1.75 -2.69	32.35 1.71 -3.54	33.04 1.79 -3.25	36.93 2.22 -4.70	45.85 2.92 0.01	57.52 3.17 -10.30	47.80 2.70 -9.56	42.57 2.79 -7.33	43.51 2.66 -9.15	43.01 2.64 -10.72	42.94 2.58 -11.06	43.48 2.50 -12.23	46.72 2.31 -17.55	49.75 2.28 -20.63	68.12 2.45 -38.76	90.14 3.76 -43.71	77.49 3.63 -31.15	64.92 3.29 -21.96	55.15 2.59 -18.41	48.89 2.57 -12.95	45.27 2.69 -9.39	43.18 2.86 -6.67
ASTORIA_GT_7 24107	35.06 2.06 -3.48	33.62 1.87 -3.81	32.27 1.75 -2.69	32.35 1.71 -3.54	33.04 1.79 -3.25	36.93 2.22 -4.70	45.85 2.92 0.01	57.52 3.17 -10.30	47.80 2.70 -9.56	42.57 2.79 -7.33	43.51 2.66 -9.15	43.01 2.64 -10.72	42.94 2.58 -11.06	43.48 2.50 -12.23	46.72 2.31 -17.55	49.75 2.28 -20.63	68.12 2.45 -38.76	90.14 3.76 -43.71	77.49 3.63 -31.15	64.92 3.29 -21.96	55.15 2.59 -18.41	48.89 2.57 -12.95	45.27 2.69 -9.39	43.18 2.86 -6.67
ASTORIA_GT_8 24108	35.06 2.07 -3.48	33.62 1.87 -3.81	32.27 1.78 -2.67	32.32 1.71 -3.52	33.01 1.79 -3.23	36.90 2.22 -4.66	45.90 2.96 0.00	57.54 3.26 -10.22	47.91 2.81 -9.56	42.64 2.86 -7.34	43.54 2.69 -9.15	43.01 2.64 -10.72	42.94 2.58 -11.06	43.48 2.50 -12.23	46.72 2.31 -17.55	49.75 2.28 -20.63	68.12 2.45 -38.77	90.14 3.76 -43.72	77.51 3.63 -31.16	64.94 3.29 -21.97	55.16 2.59 -18.42	48.90 2.57 -12.96	45.28 2.69 -9.40	43.18 2.86 -6.67
ASTORIA___2 24149	35.00 2.01 -3.48	33.56 1.81 -3.81	32.24 1.73 -2.69	32.32 1.68 -3.54	32.98 1.74 -3.25	36.88 2.16 -4.70	45.76 2.83 0.01	57.43 3.08 -10.30	47.73 2.63 -9.56	42.51 2.73 -7.33	43.44 2.60 -9.15	42.95 2.58 -10.72	42.88 2.52 -11.06	43.42 2.44 -12.23	46.66 2.26 -17.55	49.67 2.20 -20.63	68.04 2.37 -38.76	90.01 3.63 -43.71	77.37 3.50 -31.15	64.85 3.21 -21.96	55.08 2.53 -18.41	48.82 2.50 -12.95	45.21 2.62 -9.39	43.11 2.79 -6.67
ASTORIA___3 23516	35.00 2.01 -3.48	33.56 1.81 -3.81	32.27 1.75 -2.69	32.35 1.71 -3.54	33.04 1.79 -3.25	36.99 2.28 -4.70	46.16 3.22 0.00	57.84 3.48 -10.30	47.98 2.88 -9.56	42.68 2.89 -7.34	43.67 2.82 -9.16	43.16 2.79 -10.73	43.10 2.73 -11.07	43.63 2.64 -12.24	46.86 2.44 -17.56	49.89 2.42 -20.64	68.24 2.56 -38.77	90.32 3.92 -43.72	77.67 3.80 -31.15	65.13 3.49 -21.97	55.30 2.73 -18.42	49.10 2.77 -12.96	45.51 2.92 -9.40	43.32 2.99 -6.67
ASTORIA___4 23517	35.00 2.01 -3.48	33.56 1.82 -3.81	32.27 1.78 -2.67	32.32 1.71 -3.52	33.01 1.79 -3.23	36.93 2.25 -4.66	46.20 3.26 0.00	57.84 3.57 -10.22	48.09 2.99 -9.56	42.74 2.95 -7.34	43.70 2.85 -9.15	43.16 2.79 -10.72	43.09 2.72 -11.06	43.62 2.64 -12.23	46.85 2.44 -17.55	49.88 2.42 -20.63	68.26 2.58 -38.77	90.31 3.93 -43.72	77.68 3.80 -31.16	65.14 3.49 -21.97	55.33 2.77 -18.42	49.10 2.77 -12.96	45.51 2.92 -9.40	43.32 2.99 -6.67
ASTORIA___5 23518	35.00 2.01 -3.48	33.56 1.81 -3.81	32.27 1.75 -2.69	32.35 1.71 -3.54	33.04 1.79 -3.25	36.99 2.28 -4.70	46.16 3.22 0.00	57.84 3.48 -10.30	47.98 2.88 -9.56	42.68 2.89 -7.34	43.67 2.82 -9.16	43.16 2.79 -10.73	43.10 2.73 -11.07	43.63 2.64 -12.24	46.86 2.44 -17.56	49.89 2.42 -20.64	68.24 2.56 -38.77	90.32 3.92 -43.72	77.67 3.80 -31.15	65.13 3.49 -21.97	55.30 2.73 -18.42	49.10 2.77 -12.96	45.51 2.92 -9.40	43.32 2.99 -6.67
AST_ENERGY_2_CC3 323677	34.79 1.80 -3.48	33.39 1.65 -3.81	32.13 1.61 -2.69	32.21 1.57 -3.54	32.89 1.65 -3.25	36.84 2.13 -4.70	46.16 3.22 0.00	57.88 3.53 -10.30	47.95 2.84 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.16	43.16 2.79 -10.73	43.10 2.73 -11.07	43.63 2.64 -12.24	46.86 2.44 -17.56	49.86 2.39 -20.64	68.19 2.50 -38.78	90.10 3.71 -43.72	77.50 3.63 -31.15	64.97 3.33 -21.97	55.23 2.66 -18.42	49.00 2.67 -12.96	45.35 2.75 -9.40	43.11 2.79 -6.66
AST_ENERGY_2_CC4 323678	34.79 1.80 -3.48	33.39 1.65 -3.81	32.13 1.61 -2.69	32.21 1.57 -3.54	32.89 1.65 -3.25	36.84 2.13 -4.70	46.16 3.22 0.00	57.88 3.53 -10.30	47.95 2.84 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.16	43.16 2.79 -10.73	43.10 2.73 -11.07	43.63 2.64 -12.24	46.86 2.44 -17.56	49.86 2.39 -20.64	68.19 2.50 -38.78	90.10 3.71 -43.72	77.50 3.63 -31.15	64.97 3.33 -21.97	55.23 2.66 -18.42	49.00 2.67 -12.96	45.35 2.75 -9.40	43.11 2.79 -6.66
ATHENS_STG_1 23668	34.54 1.18 -3.85	33.26 1.12 -4.21	31.86 1.08 -2.95	32.07 1.09 -3.89	32.68 1.12 -3.57	36.56 1.38 -5.16	44.96 2.02 0.00	57.35 1.98 -11.31	47.71 1.67 -10.50	42.10 1.59 -8.06	43.24 1.49 -10.06	42.85 1.42 -11.78	42.86 1.41 -12.15	43.56 1.38 -13.43	47.40 1.26 -19.28	50.76 1.26 -22.66	67.24 1.26 -39.07	92.59 1.92 -47.99	78.84 1.92 -34.20	65.58 1.79 -24.12	55.89 1.54 -20.21	49.10 1.50 -14.23	45.04 1.53 -10.32	42.51 1.55 -7.32
ATHENS_STG_2 23670	34.54 1.18 -3.85	33.26 1.12 -4.21	31.86 1.08 -2.95	32.07 1.09 -3.89	32.68 1.12 -3.57	36.56 1.38 -5.16	44.96 2.02 0.00	57.35 1.98 -11.31	47.71 1.67 -10.50	42.10 1.59 -8.06	43.24 1.49 -10.06	42.85 1.42 -11.78	42.86 1.41 -12.15	43.56 1.38 -13.43	47.40 1.26 -19.28	50.76 1.26 -22.66	67.24 1.26 -39.07	92.59 1.92 -47.99	78.84 1.92 -34.20	65.58 1.79 -24.12	55.89 1.54 -20.21	49.10 1.50 -14.23	45.04 1.53 -10.32	42.51 1.55 -7.32

ATHENS_STG_3 23677	34.54 1.18 -3.85	33.26 1.12 -4.21	31.86 1.08 -2.95	32.07 1.09 -3.89	32.68 1.12 -3.57	36.56 1.38 -5.16	44.96 2.02 0.00	57.35 1.98 -11.31	47.71 1.67 -10.50	42.10 1.59 -8.06	43.24 1.49 -10.06	42.85 1.42 -11.78	42.86 1.41 -12.15	43.56 1.38 -13.43	47.40 1.26 -19.28	50.76 1.26 -22.66	67.24 1.26 -39.07	92.59 1.92 -47.99	78.84 1.92 -34.20	65.58 1.79 -24.12	55.89 1.54 -20.21	49.10 1.50 -14.23	45.04 1.53 -10.32	42.51 1.55 -7.32
AUBURN____LFGE 323710	30.41 0.18 -0.72	28.83 0.11 -0.79	28.48 0.11 -0.55	27.90 0.08 -0.73	28.74 0.08 -0.67	31.13 0.15 -0.96	43.20 0.26 0.00	46.69 0.53 -2.11	37.99 0.50 -1.95	34.44 0.49 -1.50	34.04 0.48 -1.87	32.34 0.50 -2.19	32.06 0.50 -2.26	31.82 0.57 -2.50	30.90 0.46 -3.59	31.57 0.51 -4.22	34.70 0.54 -7.25	53.67 0.85 -10.15	49.95 0.81 -6.43	44.92 0.71 -4.53	38.56 0.61 -3.80	36.57 0.53 -2.67	35.56 0.43 -1.94	35.39 0.37 -1.37
BABYLON_RES_REC 323704	37.27 3.04 -4.72	35.73 2.77 -5.03	34.57 2.73 -4.02	34.62 2.66 -4.86	35.13 2.77 -4.36	39.04 3.39 -5.63	51.99 5.02 -4.03	63.76 5.28 -14.43	53.17 4.19 -13.44	44.65 3.99 -8.21	44.97 3.77 -9.51	46.74 3.65 -13.44	46.18 3.57 -13.30	48.77 3.51 -16.52	53.07 3.28 -22.94	62.22 3.27 -32.11	84.43 3.12 -54.41	118.30 4.61 -71.01	97.92 4.57 -50.63	87.01 4.25 -43.09	73.12 3.62 -35.36	66.98 3.60 -30.01	51.68 4.08 -14.41	47.70 4.07 -9.98
BABYLON__69_KV_BK2 356345	37.71 3.48 -4.72	36.15 3.18 -5.03	34.96 3.14 -4.00	34.97 3.03 -4.84	35.52 3.19 -4.34	39.48 3.87 -5.60	52.73 5.75 -4.04	64.52 6.12 -14.35	53.85 4.87 -13.44	45.20 4.54 -8.21	45.51 4.31 -9.50	47.21 4.12 -13.44	46.64 4.04 -13.30	49.23 3.97 -16.51	53.52 3.73 -22.93	62.69 3.76 -32.09	85.16 3.85 -54.40	119.57 5.89 -71.01	99.24 5.89 -50.63	88.24 5.47 -43.09	74.05 4.54 -35.37	67.82 4.44 -30.01	52.28 4.68 -14.41	48.28 4.64 -9.98
BALL_HILL_WT_PWR 323825	29.08 -1.27 -0.84	27.54 -1.31 -0.92	27.16 -1.31 -0.64	26.70 -1.25 -0.85	27.51 -1.26 -0.78	30.00 -1.14 -1.12	41.48 -1.46 0.00	43.74 -2.77 -2.46	35.93 -1.88 -2.27	32.70 -1.49 -1.74	32.38 -1.49 -2.18	30.89 -1.30 -2.55	30.79 -1.14 -2.63	30.56 -1.09 -2.91	29.90 -1.13 -4.17	30.80 -0.94 -4.90	33.99 -1.26 -8.34	46.23 -2.05 -5.61	47.96 -2.18 -7.42	42.96 -1.94 -5.23	37.10 -1.43 -4.39	35.08 -1.37 -3.08	34.27 -1.16 -2.24	34.33 -0.91 -1.59
BARON_WINDS____WT_PWR 323822	29.90 -0.62 -1.02	28.37 -0.67 -1.11	27.93 -0.67 -0.78	27.47 -0.65 -1.02	28.26 -0.67 -0.94	30.86 -0.51 -1.36	42.25 -0.69 0.00	45.66 -1.37 -2.98	37.38 -0.92 -2.76	33.82 -0.75 -2.12	33.54 -0.79 -2.64	32.09 -0.65 -3.09	31.91 -0.59 -3.19	31.79 -0.49 -3.53	31.35 -0.57 -5.06	32.36 -0.43 -5.95	36.27 -0.67 -10.03	33.77 -0.98 7.92	50.50 -1.15 -8.94	44.99 -0.99 -6.30	38.82 -0.61 -5.29	36.55 -0.54 -3.72	35.42 -0.46 -2.70	35.26 -0.30 -1.91
BARRETT_IC_1 23704	49.53 2.45 -17.57	48.09 2.29 -17.87	48.09 2.28 -17.98	48.09 2.25 -18.75	46.38 2.32 -16.07	48.09 2.79 -15.29	53.02 4.04 -6.05	62.74 4.27 -14.42	53.02 3.38 -14.10	53.02 3.37 -17.20	45.01 3.17 -10.15	46.21 3.05 -13.50	47.85 2.96 -15.59	48.17 2.90 -16.52	52.50 2.71 -22.94	61.63 2.68 -32.11	84.00 2.69 -54.41	117.70 4.01 -71.01	97.32 3.97 -50.63	86.41 3.65 -43.09	72.65 3.11 -35.40	111.80 3.10 -75.33	50.87 3.29 -14.39	47.00 3.36 -9.98
BARRETT_IC_10 23701	49.53 2.45 -17.57	48.09 2.29 -17.87	48.09 2.28 -17.98	48.09 2.25 -18.75	46.38 2.32 -16.07	48.09 2.79 -15.29	53.02 4.04 -6.05	62.74 4.27 -14.42	53.02 3.38 -14.10	53.02 3.37 -17.20	45.01 3.17 -10.15	46.21 3.05 -13.50	47.85 2.96 -15.59	48.17 2.90 -16.52	52.50 2.71 -22.94	61.63 2.68 -32.11	84.00 2.69 -54.41	117.70 4.01 -71.01	97.32 3.97 -50.63	86.41 3.65 -43.09	72.65 3.11 -35.40	111.80 3.10 -75.33	50.87 3.29 -14.39	47.00 3.36 -9.98
BARRETT_IC_11 23702	49.53 2.45 -17.57	48.09 2.29 -17.87	48.09 2.28 -17.98	48.09 2.25 -18.75	46.38 2.32 -16.07	48.09 2.79 -15.29	53.02 4.04 -6.05	62.74 4.27 -14.42	53.02 3.38 -14.10	53.02 3.37 -17.20	45.01 3.17 -10.15	46.21 3.05 -13.50	47.85 2.96 -15.59	48.17 2.90 -16.52	52.50 2.71 -22.94	61.63 2.68 -32.11	84.00 2.69 -54.41	117.70 4.01 -71.01	97.32 3.97 -50.63	86.41 3.65 -43.09	72.65 3.11 -35.40	111.80 3.10 -75.33	50.87 3.29 -14.39	47.00 3.36 -9.98
BARRETT_IC_12 23703	49.53 2.45 -17.57	48.09 2.29 -17.87	48.09 2.28 -17.98	48.09 2.25 -18.75	46.38 2.32 -16.07	48.09 2.79 -15.29	53.02 4.04 -6.05	62.74 4.27 -14.42	53.02 3.38 -14.10	53.02 3.37 -17.20	45.01 3.17 -10.15	46.21 3.05 -13.50	47.85 2.96 -15.59	48.17 2.90 -16.52	52.50 2.71 -22.94	61.63 2.68 -32.11	84.00 2.69 -54.41	117.70 4.01 -71.01	97.32 3.97 -50.63	86.41 3.65 -43.09	72.65 3.11 -35.40	111.80 3.10 -75.33	50.87 3.29 -14.39	47.00 3.36 -9.98
BARRETT_IC_2 23705	49.53 2.45 -17.57	48.09 2.29 -17.87	48.09 2.28 -17.98	48.09 2.25 -18.75	46.38 2.32 -16.07	48.09 2.79 -15.29	53.02 4.04 -6.05	62.74 4.27 -14.42	53.02 3.38 -14.10	53.02 3.37 -17.20	45.01 3.17 -10.15	46.21 3.05 -13.50	47.85 2.96 -15.59	48.17 2.90 -16.52	52.50 2.71 -22.94	61.63 2.68 -32.11	84.00 2.69 -54.41	117.70 4.01 -71.01	97.32 3.97 -50.63	86.41 3.65 -43.09	72.65 3.11 -35.40	111.80 3.10 -75.33	50.87 3.29 -14.39	47.00 3.36 -9.98
BARRETT_IC_3 23706	49.53 2.45 -17.57	48.09 2.29 -17.87	48.09 2.28 -17.98	48.09 2.25 -18.75	46.38 2.32 -16.07	48.09 2.79 -15.29	53.02 4.04 -6.05	62.74 4.27 -14.42	53.02 3.38 -14.10	53.02 3.37 -17.20	45.01 3.17 -10.15	46.21 3.05 -13.50	47.85 2.96 -15.59	48.17 2.90 -16.52	52.50 2.71 -22.94	61.63 2.68 -32.11	84.00 2.69 -54.41	117.70 4.01 -71.01	97.32 3.97 -50.63	86.41 3.65 -43.09	72.65 3.11 -35.40	111.80 3.10 -75.33	50.87 3.29 -14.39	47.00 3.36 -9.98
BARRETT_IC_4 23707	49.53 2.45 -17.57	48.09 2.29 -17.87	48.09 2.28 -17.98	48.09 2.25 -18.75	46.38 2.32 -16.07	48.09 2.79 -15.29	53.02 4.04 -6.05	62.74 4.27 -14.42	53.02 3.38 -14.10	53.02 3.37 -17.20	45.01 3.17 -10.15	46.21 3.05 -13.50	47.85 2.96 -15.59	48.17 2.90 -16.52	52.50 2.71 -22.94	61.63 2.68 -32.11	84.00 2.69 -54.41	117.70 4.01 -71.01	97.32 3.97 -50.63	86.41 3.65 -43.09	72.65 3.11 -35.40	111.80 3.10 -75.33	50.87 3.29 -14.39	47.00 3.36 -9.98
BARRETT_IC_5 23708	49.53 2.45 -17.57	48.09 2.29 -17.87	48.09 2.28 -17.98	48.09 2.25 -18.75	46.38 2.32 -16.07	48.09 2.79 -15.29	53.02 4.04 -6.05	62.74 4.27 -14.42	53.02 3.38 -14.10	53.02 3.37 -17.20	45.01 3.17 -10.15	46.21 3.05 -13.50	47.85 2.96 -15.59	48.17 2.90 -16.52	52.50 2.71 -22.94	61.63 2.68 -32.11	84.00 2.69 -54.41	117.70 4.01 -71.01	97.32 3.97 -50.63	86.41 3.65 -43.09	72.65 3.11 -35.40	111.80 3.10 -75.33	50.87 3.29 -14.39	47.00 3.36 -9.98
BARRETT_IC_6 23709	49.53 2.45 -17.57	48.09 2.29 -17.87	48.09 2.28 -17.98	48.09 2.25 -18.75	46.38 2.32 -16.07	48.09 2.79 -15.29	53.02 4.04 -6.05	62.74 4.27 -14.42	53.02 3.38 -14.10	53.02 3.37 -17.20	45.01 3.17 -10.15	46.21 3.05 -13.50	47.85 2.96 -15.59	48.17 2.90 -16.52	52.50 2.71 -22.94	61.63 2.68 -32.11	84.00 2.69 -54.41	117.70 4.01 -71.01	97.32 3.97 -50.63	86.41 3.65 -43.09	72.65 3.11 -35.40	111.80 3.10 -75.33	50.87 3.29 -14.39	47.00 3.36 -9.98

BARRETT_IC_7 23710	49.53 2.45 -17.57	48.09 2.29 -17.87	48.07 2.28 -17.96	48.06 2.25 -18.72	46.36 2.32 -16.05	48.05 2.79 -15.25	53.11 4.12 -6.05	62.80 4.41 -14.34	53.16 3.52 -14.10	53.05 3.41 -17.19	44.97 3.14 -10.14	46.20 3.05 -13.50	47.85 2.96 -15.59	48.16 2.90 -16.51	52.50 2.71 -22.93	61.62 2.68 -32.09	83.97 2.66 -54.40	117.69 4.01 -71.01	97.32 3.97 -50.63	86.41 3.65 -43.09	72.69 3.14 -35.40	111.80 3.10 -75.33	50.97 3.39 -14.39	47.00 3.36 -9.98
BARRETT_IC_8 23711	49.53 2.45 -17.57	48.09 2.29 -17.87	48.09 2.28 -17.98	48.09 2.25 -18.75	46.38 2.32 -16.07	48.09 2.79 -15.29	53.02 4.04 -6.05	62.74 4.27 -14.42	53.02 3.38 -14.10	53.02 3.37 -17.20	45.01 3.17 -10.15	46.21 3.05 -13.50	47.85 2.96 -15.59	48.17 2.90 -16.52	52.50 2.71 -22.94	61.63 2.68 -32.11	84.00 2.69 -54.41	117.70 4.01 -71.01	97.32 3.97 -50.63	86.41 3.65 -43.09	72.65 3.11 -35.40	111.80 3.10 -75.33	50.87 3.29 -14.39	47.00 3.36 -9.98
BARRETT_IC_9 23700	49.53 2.45 -17.57	48.09 2.29 -17.87	48.09 2.28 -17.98	48.09 2.25 -18.75	46.38 2.32 -16.07	48.09 2.79 -15.29	53.02 4.04 -6.05	62.74 4.27 -14.42	53.02 3.38 -14.10	53.02 3.37 -17.20	45.01 3.17 -10.15	46.21 3.05 -13.50	47.85 2.96 -15.59	48.17 2.90 -16.52	52.50 2.71 -22.94	61.63 2.68 -32.11	84.00 2.69 -54.41	117.70 4.01 -71.01	97.32 3.97 -50.63	86.41 3.65 -43.09	72.65 3.11 -35.40	111.80 3.10 -75.33	50.87 3.29 -14.39	47.00 3.36 -9.98
BARRETT___1 23545	49.53 2.45 -17.57	48.09 2.29 -17.87	48.09 2.28 -17.98	48.09 2.25 -18.75	46.38 2.32 -16.07	48.09 2.79 -15.29	53.02 4.04 -6.05	62.74 4.27 -14.42	53.02 3.38 -14.10	53.02 3.37 -17.20	45.01 3.17 -10.15	46.21 3.05 -13.50	47.85 2.96 -15.59	48.17 2.90 -16.52	52.50 2.71 -22.94	61.63 2.68 -32.11	84.00 2.69 -54.41	117.70 4.01 -71.01	97.32 3.97 -50.63	86.41 3.65 -43.09	72.65 3.11 -35.40	111.80 3.10 -75.33	50.87 3.29 -14.39	47.00 3.36 -9.98
BARRETT___2 23546	49.53 2.45 -17.57	48.09 2.29 -17.87	48.09 2.28 -17.98	48.09 2.25 -18.75	46.38 2.32 -16.07	48.09 2.79 -15.29	53.02 4.04 -6.05	62.74 4.27 -14.42	53.02 3.38 -14.10	53.02 3.37 -17.20	45.01 3.17 -10.15	46.21 3.05 -13.50	47.85 2.96 -15.59	48.17 2.90 -16.52	52.50 2.71 -22.94	61.63 2.68 -32.11	84.00 2.69 -54.41	117.70 4.01 -71.01	97.32 3.97 -50.63	86.41 3.65 -43.09	72.65 3.11 -35.40	111.80 3.10 -75.33	50.87 3.29 -14.39	47.00 3.36 -9.98
BATAVIA___115KV_TB1 55881	29.50 -0.77 -0.76	27.98 -0.78 -0.83	27.54 -0.86 -0.58	27.08 -0.79 -0.77	27.91 -0.78 -0.70	30.40 -0.63 -1.02	42.08 -0.86 0.00	44.57 -1.72 -2.23	36.54 -1.07 -2.07	33.29 -0.75 -1.59	32.91 -0.76 -1.98	31.29 -0.68 -2.32	31.14 -0.56 -2.39	30.88 -0.52 -2.65	30.06 -0.59 -3.80	30.87 -0.43 -4.46	33.86 -0.62 -7.58	48.50 -0.90 -6.73	48.23 -1.20 -6.71	43.41 -0.99 -4.73	37.46 -0.65 -3.97	35.43 -0.73 -2.79	34.59 -0.63 -2.03	34.68 -0.40 -1.44
BAYONEEC___CTG1 323682	34.79 1.80 -3.48	33.42 1.68 -3.81	32.15 1.64 -2.69	32.24 1.60 -3.54	32.92 1.68 -3.25	36.88 2.16 -4.70	46.20 3.26 0.00	57.88 3.53 -10.30	47.95 2.84 -9.56	42.68 2.89 -7.34	43.61 2.76 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.80 2.39 -17.56	49.81 2.33 -20.64	68.14 2.45 -38.78	90.10 3.71 -43.72	77.50 3.63 -31.15	64.93 3.29 -21.97	55.19 2.63 -18.42	48.96 2.64 -12.96	45.35 2.75 -9.40	43.11 2.79 -6.66
BAYONEEC___CTG10 323750	34.79 1.80 -3.48	33.42 1.68 -3.81	32.15 1.64 -2.69	32.24 1.60 -3.54	32.92 1.68 -3.25	36.88 2.16 -4.70	46.20 3.26 0.00	57.88 3.53 -10.30	47.95 2.84 -9.56	42.68 2.89 -7.34	43.61 2.76 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.80 2.39 -17.56	49.81 2.33 -20.64	68.14 2.45 -38.78	90.10 3.71 -43.72	77.50 3.63 -31.15	64.93 3.29 -21.97	55.19 2.63 -18.42	48.96 2.64 -12.96	45.35 2.75 -9.40	43.11 2.79 -6.66
BAYONEEC___CTG2 323683	34.79 1.80 -3.48	33.42 1.68 -3.81	32.15 1.64 -2.69	32.24 1.60 -3.54	32.92 1.68 -3.25	36.88 2.16 -4.70	46.20 3.26 0.00	57.88 3.53 -10.30	47.95 2.84 -9.56	42.68 2.89 -7.34	43.61 2.76 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.80 2.39 -17.56	49.81 2.33 -20.64	68.14 2.45 -38.78	90.10 3.71 -43.72	77.50 3.63 -31.15	64.93 3.29 -21.97	55.19 2.63 -18.42	48.96 2.64 -12.96	45.35 2.75 -9.40	43.11 2.79 -6.66
BAYONEEC___CTG3 323684	34.79 1.80 -3.48	33.42 1.68 -3.81	32.15 1.64 -2.69	32.24 1.60 -3.54	32.92 1.68 -3.25	36.88 2.16 -4.70	46.20 3.26 0.00	57.88 3.53 -10.30	47.95 2.84 -9.56	42.68 2.89 -7.34	43.61 2.76 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.80 2.39 -17.56	49.81 2.33 -20.64	68.14 2.45 -38.78	90.10 3.71 -43.72	77.50 3.63 -31.15	64.93 3.29 -21.97	55.19 2.63 -18.42	48.96 2.64 -12.96	45.35 2.75 -9.40	43.11 2.79 -6.66
BAYONEEC___CTG4 323685	34.79 1.80 -3.48	33.42 1.68 -3.81	32.15 1.64 -2.69	32.24 1.60 -3.54	32.92 1.68 -3.25	36.88 2.16 -4.70	46.20 3.26 0.00	57.88 3.53 -10.30	47.95 2.84 -9.56	42.68 2.89 -7.34	43.61 2.76 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.80 2.39 -17.56	49.81 2.33 -20.64	68.14 2.45 -38.78	90.10 3.71 -43.72	77.50 3.63 -31.15	64.93 3.29 -21.97	55.19 2.63 -18.42	48.96 2.64 -12.96	45.35 2.75 -9.40	43.11 2.79 -6.66
BAYONEEC___CTG5 323686	34.79 1.80 -3.48	33.42 1.68 -3.81	32.15 1.64 -2.69	32.24 1.60 -3.54	32.92 1.68 -3.25	36.88 2.16 -4.70	46.20 3.26 0.00	57.88 3.53 -10.30	47.95 2.84 -9.56	42.68 2.89 -7.34	43.61 2.76 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.80 2.39 -17.56	49.81 2.33 -20.64	68.14 2.45 -38.78	90.10 3.71 -43.72	77.50 3.63 -31.15	64.93 3.29 -21.97	55.19 2.63 -18.42	48.96 2.64 -12.96	45.35 2.75 -9.40	43.11 2.79 -6.66
BAYONEEC___CTG6 323687	34.79 1.80 -3.48	33.42 1.68 -3.81	32.15 1.64 -2.69	32.24 1.60 -3.54	32.92 1.68 -3.25	36.88 2.16 -4.70	46.20 3.26 0.00	57.88 3.53 -10.30	47.95 2.84 -9.56	42.68 2.89 -7.34	43.61 2.76 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.80 2.39 -17.56	49.81 2.33 -20.64	68.14 2.45 -38.78	90.10 3.71 -43.72	77.50 3.63 -31.15	64.93 3.29 -21.97	55.19 2.63 -18.42	48.96 2.64 -12.96	45.35 2.75 -9.40	43.11 2.79 -6.66
BAYONEEC___CTG7 323688	34.79 1.80 -3.48	33.42 1.68 -3.81	32.15 1.64 -2.69	32.24 1.60 -3.54	32.92 1.68 -3.25	36.88 2.16 -4.70	46.20 3.26 0.00	57.88 3.53 -10.30	47.95 2.84 -9.56	42.68 2.89 -7.34	43.61 2.76 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.80 2.39 -17.56	49.81 2.33 -20.64	68.14 2.45 -38.78	90.10 3.71 -43.72	77.50 3.63 -31.15	64.93 3.29 -21.97	55.19 2.63 -18.42	48.96 2.64 -12.96	45.35 2.75 -9.40	43.11 2.79 -6.66
BAYONEEC___CTG8 323689	34.79 1.80 -3.48	33.42 1.68 -3.81	32.15 1.64 -2.69	32.24 1.60 -3.54	32.92 1.68 -3.25	36.88 2.16 -4.70	46.20 3.26 0.00	57.88 3.53 -10.30	47.95 2.84 -9.56	42.68 2.89 -7.34	43.61 2.76 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.80 2.39 -17.56	49.81 2.33 -20.64	68.14 2.45 -38.78	90.10 3.71 -43.72	77.50 3.63 -31.15	64.93 3.29 -21.97	55.19 2.63 -18.42	48.96 2.64 -12.96	45.35 2.75 -9.40	43.11 2.79 -6.66

BAYONEEC___CTG9 323749	34.79 1.80 -3.48	33.42 1.68 -3.81	32.15 1.64 -2.69	32.24 1.60 -3.54	32.92 1.68 -3.25	36.88 2.16 -4.70	46.20 3.26 0.00	57.88 3.53 -10.30	47.95 2.84 -9.56	42.68 2.89 -7.34	43.61 2.76 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.80 2.39 -17.56	49.81 2.33 -20.64	68.14 2.45 -38.78	90.10 3.71 -43.72	77.50 3.63 -31.15	64.93 3.29 -21.97	55.19 2.63 -18.42	48.96 2.64 -12.96	45.35 2.75 -9.40	43.11 2.79 -6.66
BEACON___LESR 323632	35.23 1.39 -4.33	34.01 1.34 -4.74	32.54 1.39 -3.32	32.80 1.33 -4.38	33.38 1.37 -4.02	37.32 1.50 -5.81	45.13 2.19 0.00	58.89 2.11 -12.73	49.09 1.74 -11.81	43.07 1.56 -9.07	44.56 1.55 -11.31	44.32 1.42 -13.25	44.41 1.44 -13.67	45.27 1.41 -15.11	49.88 1.34 -21.68	53.69 1.37 -25.49	72.13 1.37 -43.85	99.02 2.35 -54.00	83.46 2.26 -38.48	68.91 2.10 -27.14	59.00 1.91 -22.94	51.18 1.80 -16.01	46.53 1.72 -11.61	43.60 1.72 -8.23
BEAVER RIVER___HYD 24048	29.47 -0.30 -0.25	27.90 -0.31 -0.28	27.71 -0.31 -0.19	27.11 -0.24 -0.26	27.94 -0.28 -0.23	30.08 -0.27 -0.34	42.55 -0.39 0.00	44.66 -0.13 -0.74	36.00 -0.25 -0.70	32.70 -0.29 -0.54	32.05 -0.32 -0.67	31.70 -0.39 -2.44	31.79 -0.44 -2.93	31.50 -0.23 -2.98	29.90 -0.22 -3.26	30.13 -0.19 -3.48	31.33 -0.13 -4.56	48.60 -0.13 -6.06	47.76 -0.09 -5.13	44.32 0.36 -4.30	38.07 0.21 -3.72	36.27 0.07 -2.83	35.77 0.03 -2.55	34.04 -0.10 -0.49
BEEBEE_GT_13 23619	29.62 -0.59 -0.70	28.11 -0.59 -0.77	27.69 -0.67 -0.54	27.18 -0.62 -0.71	28.05 -0.59 -0.65	30.38 -0.57 -0.94	41.99 -0.94 0.00	44.83 -1.28 -2.06	36.67 -0.78 -1.91	33.36 -0.55 -1.46	33.01 -0.51 -1.83	31.37 -0.42 -2.14	31.19 -0.32 -2.21	30.90 -0.29 -2.44	30.04 -0.32 -3.50	30.71 -0.24 -4.12	33.56 -0.35 -7.01	49.84 -0.77 -7.94	48.15 -0.77 -6.21	43.37 -0.67 -4.38	37.30 -0.51 -3.67	35.38 -0.57 -2.58	34.53 -0.53 -1.87	34.54 -0.44 -1.33
BENSHRST_27_KV_BENSHRST_1 355998	35.18 2.18 -3.48	33.73 1.98 -3.81	32.38 1.89 -2.67	32.46 1.84 -3.52	33.15 1.93 -3.23	37.08 2.40 -4.66	46.33 3.39 0.00	58.02 3.74 -10.22	48.19 3.09 -9.56	42.87 3.08 -7.34	43.79 2.95 -9.15	43.25 2.88 -10.72	43.18 2.81 -11.06	43.74 2.76 -12.23	46.96 2.55 -17.55	49.99 2.52 -20.63	68.42 2.74 -38.77	90.57 4.18 -43.72	78.02 4.14 -31.16	65.41 3.77 -21.97	55.50 2.94 -18.42	49.27 2.94 -12.96	45.71 3.12 -9.40	43.62 3.30 -6.67
BETHLEHEM___GRP 23843	34.68 0.83 -4.34	33.49 0.81 -4.75	32.06 0.92 -3.32	32.37 0.89 -4.38	32.88 0.87 -4.02	36.72 0.90 -5.81	44.14 1.20 0.00	57.93 1.15 -12.73	48.36 1.00 -11.82	42.43 0.91 -9.08	43.97 0.95 -11.32	43.77 0.86 -13.26	43.87 0.88 -13.69	44.74 0.86 -15.13	49.37 0.81 -21.71	53.18 0.83 -25.52	71.59 0.78 -43.90	98.01 1.28 -54.06	82.53 1.28 -38.53	68.04 1.19 -27.17	58.17 1.06 -22.97	50.43 1.03 -16.03	45.85 1.03 -11.63	42.94 1.04 -8.24
BETHLEHEM___GS1 323560	34.67 0.83 -4.34	33.49 0.81 -4.75	32.07 0.92 -3.33	32.35 0.87 -4.38	32.88 0.87 -4.02	36.73 0.90 -5.81	44.18 1.25 0.00	57.99 1.19 -12.75	48.36 0.99 -11.83	42.44 0.91 -9.08	43.94 0.92 -11.33	43.77 0.86 -13.27	43.84 0.85 -13.69	44.74 0.86 -15.13	49.38 0.80 -21.72	53.19 0.83 -25.52	71.59 0.78 -43.91	98.02 1.28 -54.07	82.53 1.28 -38.53	68.03 1.19 -27.17	58.17 1.06 -22.97	50.43 1.04 -16.03	45.85 1.03 -11.63	42.94 1.04 -8.24
BETHLEHEM___GS2 323561	34.67 0.83 -4.34	33.49 0.81 -4.75	32.07 0.92 -3.33	32.35 0.87 -4.38	32.88 0.87 -4.02	36.73 0.90 -5.81	44.18 1.25 0.00	57.99 1.19 -12.75	48.36 0.99 -11.83	42.44 0.91 -9.08	43.94 0.92 -11.33	43.77 0.86 -13.27	43.84 0.85 -13.69	44.74 0.86 -15.13	49.38 0.80 -21.72	53.19 0.83 -25.52	71.59 0.78 -43.91	98.02 1.28 -54.07	82.53 1.28 -38.53	68.03 1.19 -27.17	58.17 1.06 -22.97	50.43 1.04 -16.03	45.85 1.03 -11.63	42.94 1.04 -8.24
BETHLEHEM___GS3 323562	34.67 0.83 -4.34	33.49 0.81 -4.75	32.07 0.92 -3.33	32.35 0.87 -4.38	32.88 0.87 -4.02	36.73 0.90 -5.81	44.18 1.25 0.00	57.99 1.19 -12.75	48.36 0.99 -11.83	42.44 0.91 -9.08	43.94 0.92 -11.33	43.77 0.86 -13.27	43.84 0.85 -13.69	44.74 0.86 -15.13	49.38 0.80 -21.72	53.19 0.83 -25.52	71.59 0.78 -43.91	98.02 1.28 -54.07	82.53 1.28 -38.53	68.03 1.19 -27.17	58.17 1.06 -22.97	50.43 1.04 -16.03	45.85 1.03 -11.63	42.94 1.04 -8.24
BETHLEHEM___STEEL 23779	28.98 -1.36 -0.83	27.47 -1.37 -0.90	27.04 -1.42 -0.63	26.60 -1.33 -0.83	27.41 -1.34 -0.77	29.89 -1.23 -1.11	41.39 -1.55 0.00	43.70 -2.78 -2.42	35.83 -1.95 -2.25	32.68 -1.49 -1.72	32.29 -1.55 -2.15	30.80 -1.36 -2.52	30.70 -1.20 -2.60	30.50 -1.12 -2.87	29.80 -1.18 -4.12	30.69 -0.99 -4.85	33.80 -1.32 -8.21	45.89 -2.26 -5.48	47.60 -2.39 -7.27	42.70 -2.10 -5.13	36.87 -1.57 -4.30	34.86 -1.53 -3.03	34.06 -1.33 -2.19	34.13 -1.08 -1.56
BETHLHEM_115KV_TB1 79974	34.73 0.89 -4.34	33.54 0.87 -4.74	32.09 0.95 -3.32	32.40 0.92 -4.38	32.93 0.92 -4.02	36.78 0.96 -5.81	44.23 1.29 0.00	58.06 1.28 -12.73	48.47 1.10 -11.82	42.50 0.97 -9.08	44.03 1.01 -11.32	43.86 0.95 -13.26	43.92 0.94 -13.68	44.82 0.95 -15.12	49.45 0.89 -21.71	53.26 0.91 -25.51	71.66 0.86 -43.90	98.09 1.37 -54.05	82.61 1.37 -38.52	68.15 1.31 -27.17	58.25 1.16 -22.95	50.53 1.13 -16.02	45.94 1.13 -11.63	43.00 1.11 -8.24
BETHPAGE_CC_5 323564	37.41 2.80 -5.10	35.88 2.54 -5.41	34.78 2.53 -4.43	34.83 2.47 -5.27	35.27 2.57 -4.71	39.08 3.15 -5.92	51.57 4.55 -4.08	63.28 4.80 -14.43	52.80 3.80 -13.46	44.62 3.70 -8.47	44.74 3.52 -9.53	46.47 3.38 -13.44	46.01 3.34 -13.37	48.52 3.25 -16.52	52.83 3.03 -22.94	61.95 3.01 -32.11	84.38 3.07 -54.41	118.42 4.74 -71.01	98.00 4.66 -50.63	87.05 4.29 -43.09	73.06 3.55 -35.36	68.24 3.54 -31.34	51.31 3.72 -14.40	47.37 3.73 -9.98
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.95 -1.39 -0.83	27.42 -1.42 -0.91	26.98 -1.47 -0.64	26.58 -1.35 -0.84	27.36 -1.40 -0.77	29.86 -1.26 -1.11	41.48 -1.46 0.00	43.72 -2.78 -2.44	35.85 -1.95 -2.26	32.69 -1.49 -1.73	32.30 -1.55 -2.16	30.79 -1.39 -2.53	30.69 -1.23 -2.62	30.49 -1.15 -2.89	29.77 -1.24 -4.15	30.67 -1.05 -4.88	33.82 -1.35 -8.26	46.14 -2.18 -5.64	47.64 -2.39 -7.32	42.69 -2.14 -5.16	36.90 -1.57 -4.33	34.88 -1.53 -3.04	34.07 -1.33 -2.21	34.10 -1.11 -1.56
BINGHAMTON___COGEN 23790	31.02 0.21 -1.30	29.50 0.14 -1.43	28.93 0.11 -1.00	28.55 0.14 -1.32	29.34 0.14 -1.21	32.06 0.30 -1.75	43.54 0.60 0.00	48.32 0.44 -3.83	39.62 0.53 -3.54	35.69 0.52 -2.72	35.59 0.51 -3.39	34.16 0.53 -3.98	33.93 0.53 -4.10	33.86 0.57 -4.53	33.82 0.46 -6.51	35.02 0.54 -7.65	40.46 0.51 -13.04	60.38 0.81 -16.90	55.16 0.77 -11.68	48.62 0.71 -8.24	41.67 0.61 -6.91	38.83 0.60 -4.86	37.31 0.60 -3.52	36.72 0.57 -2.50
BIXINCNT_115KV_LOAD 355685	28.45 -1.92 -0.85	26.88 -1.98 -0.93	26.47 -2.00 -0.65	26.09 -1.87 -0.86	26.88 -1.90 -0.79	29.38 -1.77 -1.14	41.35 -1.59 0.00	43.47 -3.08 -2.51	35.55 -2.31 -2.32	32.22 -2.01 -1.78	31.73 -2.19 -2.22	30.09 -2.16 -2.60	29.91 -2.08 -2.69	29.79 -1.93 -2.97	29.13 -1.99 -4.26	30.05 -1.80 -5.01	33.34 -2.04 -8.48	45.93 -3.07 -6.33	46.89 -3.33 -7.51	42.19 -2.78 -5.29	36.64 -1.95 -4.44	34.82 -1.67 -3.12	34.03 -1.43 -2.26	34.01 -1.25 -1.61

BLACK RIVER___HYD 24047	29.63 -0.24 -0.35	28.01 -0.31 -0.39	27.79 -0.31 -0.27	27.21 -0.24 -0.36	28.06 -0.25 -0.33	30.28 -0.21 -0.47	42.98 0.04 0.00	45.40 0.31 -1.04	36.59 0.07 -0.98	33.10 -0.10 -0.75	32.53 -0.09 -0.94	31.73 -0.18 -2.25	31.71 -0.20 -2.62	31.35 -0.11 -2.71	29.96 -0.08 -3.18	30.33 0.00 -3.49	32.05 0.16 -4.98	49.66 0.51 -6.47	48.49 0.60 -5.18	44.64 0.83 -4.13	38.28 0.58 -3.56	36.38 0.37 -2.64	35.72 0.26 -2.27	34.43 0.10 -0.68
BLACKRVR_115KV_TB2 79977	29.63 -0.24 -0.35	28.01 -0.31 -0.39	27.79 -0.31 -0.27	27.21 -0.24 -0.36	28.06 -0.25 -0.33	30.28 -0.21 -0.47	43.02 0.09 0.00	45.40 0.31 -1.04	36.57 0.07 -0.96	33.12 -0.06 -0.74	32.49 -0.13 -0.92	31.71 -0.18 -2.24	31.69 -0.21 -2.60	31.21 -0.23 -2.69	29.93 -0.08 -3.15	30.30 0.00 -3.46	32.05 0.16 -4.98	49.66 0.51 -6.47	48.50 0.60 -5.19	44.64 0.83 -4.13	38.28 0.58 -3.56	36.38 0.37 -2.65	35.73 0.27 -2.27	34.43 0.10 -0.68
BLISS_WT_PWR 323608	28.24 -2.13 -0.85	26.66 -2.21 -0.93	26.31 -2.17 -0.65	25.92 -2.03 -0.86	26.68 -2.10 -0.79	29.20 -1.95 -1.14	41.01 -1.93 0.00	43.03 -3.53 -2.50	35.25 -2.59 -2.31	31.92 -2.30 -1.77	31.46 -2.44 -2.21	29.77 -2.46 -2.59	29.54 -2.43 -2.67	29.48 -2.21 -2.95	28.86 -2.23 -4.23	29.77 -2.04 -4.97	33.06 -2.31 -8.47	45.58 -3.42 -6.32	46.57 -3.67 -7.53	41.93 -3.05 -5.31	36.45 -2.15 -4.45	34.73 -1.77 -3.13	33.94 -1.53 -2.27	33.91 -1.35 -1.61
BLUESTONE___WT_PWR 323821	32.60 1.86 -1.23	30.84 1.56 -1.34	30.29 1.53 -0.94	29.93 1.60 -1.24	30.80 1.68 -1.13	33.75 2.10 -1.64	47.15 4.21 0.00	51.87 4.23 -3.59	42.43 3.52 -3.37	38.08 3.05 -2.59	37.96 3.04 -3.23	36.15 2.73 -3.78	35.75 2.55 -3.90	35.50 2.44 -4.31	35.24 2.20 -6.18	36.55 2.44 -7.27	41.79 2.64 -12.25	63.49 4.57 -16.25	58.14 4.48 -10.93	51.47 4.09 -7.71	44.02 3.41 -6.47	41.09 3.17 -4.55	39.61 3.12 -3.30	38.98 2.99 -2.34
BLUE_CIRC_CHEM_DRP 24182	34.90 1.06 -4.33	33.68 1.01 -4.74	32.17 1.03 -3.32	32.47 1.00 -4.37	33.04 1.04 -4.01	36.98 1.17 -5.80	44.57 1.63 0.00	58.35 1.59 -12.71	48.66 1.32 -11.80	42.74 1.23 -9.06	44.23 1.24 -11.30	44.04 1.16 -13.24	44.14 1.17 -13.66	45.00 1.15 -15.10	49.60 1.07 -21.67	53.38 1.07 -25.47	71.91 1.18 -43.83	98.61 1.96 -53.97	82.61 1.92 -37.97	68.24 1.79 -26.78	58.35 1.64 -22.57	50.73 1.57 -15.80	46.18 1.53 -11.46	43.32 1.55 -8.12
BOC_GAS_DRP 24189	34.85 1.00 -4.34	33.62 0.95 -4.74	32.12 0.97 -3.32	32.42 0.95 -4.37	32.98 0.98 -4.02	36.93 1.11 -5.80	44.48 1.55 0.00	58.31 1.54 -12.72	48.63 1.28 -11.81	42.72 1.20 -9.07	44.21 1.20 -11.31	44.02 1.13 -13.25	44.09 1.11 -13.67	44.98 1.12 -15.11	49.56 1.02 -21.69	53.37 1.05 -25.49	71.78 1.02 -43.86	98.26 1.58 -54.01	82.77 1.58 -38.47	68.31 1.51 -27.13	58.30 1.30 -22.86	50.64 1.27 -16.00	46.10 1.29 -11.61	43.19 1.31 -8.23
BOONVILLE_115KV_TB1 79983	30.14 0.41 -0.22	28.51 0.34 -0.24	28.32 0.33 -0.17	27.67 0.35 -0.22	28.55 0.36 -0.20	30.78 0.48 -0.29	43.84 0.90 0.00	45.75 1.06 -0.64	36.95 0.82 -0.59	33.59 0.68 -0.45	32.96 0.70 -0.57	31.53 0.56 -1.31	31.29 0.47 -1.52	30.79 0.46 -1.58	29.26 0.54 -1.86	29.48 0.59 -2.05	30.53 0.65 -2.98	47.60 1.07 -3.86	46.86 1.07 -3.07	43.34 1.23 -2.44	37.21 0.99 -2.08	35.79 0.87 -1.55	35.34 0.83 -1.32	34.81 0.74 -0.42
BORALEX_4TH_BRANCH 23824	35.88 2.07 -4.30	34.60 1.96 -4.71	33.04 1.92 -3.30	33.31 1.87 -4.34	33.91 1.93 -3.99	38.03 2.25 -5.76	46.20 3.26 0.00	59.98 3.30 -12.63	49.97 2.70 -11.73	43.89 2.43 -9.00	45.40 2.47 -11.23	45.09 2.28 -13.15	45.13 2.26 -13.58	46.00 2.24 -15.01	50.48 2.09 -21.53	54.27 2.12 -25.31	72.54 2.04 -43.59	99.46 3.16 -53.63	84.19 3.25 -38.22	69.72 3.09 -26.95	59.68 2.66 -22.88	51.87 2.60 -15.90	47.31 2.59 -11.53	44.52 2.69 -8.18
BOWLINE___1 23526	34.54 1.65 -3.38	33.14 1.51 -3.70	31.82 1.42 -2.57	31.90 1.41 -3.39	32.59 1.48 -3.11	36.41 1.89 -4.50	45.73 2.79 0.00	56.74 2.82 -9.86	46.83 2.13 -9.16	41.59 2.11 -7.03	42.52 2.06 -8.77	41.96 2.04 -10.27	41.92 2.02 -10.60	42.42 1.96 -11.71	45.44 1.77 -16.81	48.37 1.77 -19.76	58.98 1.83 -30.24	87.35 2.82 -41.86	75.32 2.77 -29.83	63.25 2.54 -21.03	53.83 2.05 -17.64	47.84 2.07 -12.41	44.28 2.09 -9.00	42.12 2.09 -6.38
BOWLINE___2 23595	34.54 1.65 -3.38	33.14 1.51 -3.70	31.82 1.42 -2.57	31.90 1.41 -3.39	32.59 1.48 -3.11	36.41 1.89 -4.50	45.73 2.79 0.00	56.74 2.82 -9.87	46.87 2.17 -9.16	41.65 2.17 -7.03	42.55 2.09 -8.77	42.02 2.11 -10.27	41.98 2.08 -10.60	42.48 2.01 -11.72	45.50 1.83 -16.81	48.43 1.83 -19.76	59.03 1.88 -30.24	87.39 2.86 -41.86	75.41 2.86 -29.83	63.33 2.62 -21.04	53.90 2.12 -17.64	47.88 2.10 -12.41	44.35 2.16 -9.00	42.19 2.16 -6.38
BRADY___115KV_TB2 356060	29.45 -0.12 -0.06	28.03 0.03 -0.07	28.01 0.14 -0.05	27.30 0.14 -0.06	28.08 0.03 -0.06	30.01 -0.09 -0.08	43.28 0.34 0.00	44.59 0.35 -0.19	35.61 0.07 0.00	32.32 -0.13 0.00	31.47 -0.22 0.00	30.95 -0.27 -1.57	31.02 -0.29 -2.01	30.44 -0.29 -1.98	28.52 -0.21 -1.88	28.42 -0.30 -1.88	28.60 -0.19 -1.88	45.22 -0.17 -2.72	45.22 -0.21 -2.71	42.11 -0.12 -2.56	36.18 -0.24 -2.28	34.93 -0.23 -1.79	34.73 -0.23 -1.77	33.41 -0.24 0.00
BRANSCOMB___SOLAR 323811	35.92 1.98 -4.43	34.62 1.84 -4.84	33.00 1.78 -3.40	33.31 1.74 -4.47	33.89 1.79 -4.11	37.99 2.04 -5.94	45.99 3.05 0.00	60.06 3.00 -13.01	50.07 2.45 -12.07	43.83 2.11 -9.27	45.25 2.00 -11.56	45.06 1.87 -13.54	45.12 1.85 -13.98	46.04 1.84 -15.45	50.72 1.69 -22.17	54.61 1.72 -26.06	73.43 1.72 -44.80	100.85 2.99 -55.19	84.91 2.86 -39.33	70.06 2.66 -27.73	60.20 2.42 -23.64	52.00 2.27 -16.36	47.25 2.19 -11.87	44.42 2.35 -8.41
BRENTWOD_69_KV_W. BRTWOOD 56703	37.13 3.45 -4.16	35.53 3.13 -4.47	34.30 3.09 -3.39	34.31 2.98 -4.23	34.96 3.13 -3.83	39.00 3.81 -5.18	52.57 5.67 -3.96	64.44 6.04 -14.35	53.75 4.80 -13.41	44.74 4.48 -7.82	45.42 4.25 -9.48	47.14 4.06 -13.43	46.48 3.98 -13.20	49.17 3.91 -16.51	53.46 3.68 -22.93	62.61 3.68 -32.09	85.05 3.74 -54.40	119.36 5.68 -71.01	98.99 5.64 -50.63	88.12 5.36 -43.09	73.94 4.44 -35.36	65.78 4.37 -28.04	52.21 4.61 -14.41	48.21 4.58 -9.98
BRISTLHL_115KV_TB1 79998	29.62 -0.44 -0.55	28.06 -0.47 -0.60	27.77 -0.47 -0.42	27.19 -0.46 -0.55	28.02 -0.48 -0.51	30.15 -0.60 -0.74	42.04 -0.90 0.00	44.87 -0.79 -1.61	36.47 -0.57 -1.49	33.11 -0.49 -1.15	32.71 -0.41 -1.43	30.97 -0.36 -1.68	30.68 -0.35 -1.73	30.37 -0.29 -1.91	29.33 -0.27 -2.74	29.82 -0.24 -3.22	32.24 -0.27 -5.61	49.21 -0.43 -6.97	47.30 -0.38 -4.97	42.82 -0.36 -3.50	36.73 -0.34 -2.93	35.07 -0.37 -2.07	34.26 -0.43 -1.50	34.24 -0.47 -1.06
BROOKHAVEN___DRP 24191	37.04 3.48 -4.05	35.45 3.16 -4.36	34.21 3.12 -3.27	34.22 3.01 -4.11	34.88 3.16 -3.73	38.98 3.87 -5.09	52.72 5.84 -3.95	64.52 6.12 -14.35	53.78 4.83 -13.41	44.73 4.54 -7.74	45.47 4.31 -9.47	47.20 4.12 -13.43	46.52 4.04 -13.18	49.23 3.97 -16.51	53.46 3.68 -22.93	62.69 3.76 -32.09	85.18 3.87 -54.40	119.74 6.06 -71.01	99.41 6.07 -50.63	88.36 5.59 -43.09	74.15 4.64 -35.36	65.49 4.47 -27.65	52.31 4.71 -14.41	48.31 4.68 -9.98

BROOKLYN_NAVY_YARD 23515	34.73 1.74 -3.48	33.34 1.59 -3.81	32.07 1.56 -2.69	32.18 1.54 -3.54	32.84 1.59 -3.25	36.81 2.10 -4.70	46.16 3.22 0.00	57.83 3.48 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.58 2.73 -9.16	43.07 2.70 -10.73	43.01 2.64 -11.07	43.54 2.56 -12.24	46.78 2.36 -17.56	49.78 2.31 -20.64	68.11 2.42 -38.78	90.06 3.67 -43.72	77.50 3.63 -31.15	64.93 3.29 -21.97	55.16 2.59 -18.42	48.93 2.60 -12.96	45.31 2.72 -9.40	43.04 2.72 -6.66
BROOKLYN___ARMY_DRP 323595	35.06 2.07 -3.48	33.62 1.87 -3.81	32.30 1.81 -2.67	32.37 1.76 -3.52	33.04 1.82 -3.23	36.99 2.31 -4.66	46.16 3.22 0.00	57.80 3.52 -10.22	48.02 2.91 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.82 2.42 -17.55	49.85 2.39 -20.63	68.28 2.61 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.16	65.22 3.57 -21.97	55.33 2.77 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.49 3.16 -6.67
BROOKVLE_69_KV_TB1 55790	38.21 2.54 -6.17	36.72 2.32 -6.47	35.70 2.31 -5.57	35.74 2.25 -6.40	36.00 2.35 -5.66	39.57 2.88 -6.68	51.35 4.25 -4.16	62.89 4.49 -14.34	52.72 3.70 -13.48	45.23 3.57 -9.22	44.66 3.39 -9.58	46.38 3.29 -13.44	46.11 3.25 -13.55	48.42 3.16 -16.51	52.66 2.87 -22.93	61.80 2.87 -32.09	84.30 2.99 -54.40	118.25 4.57 -71.01	97.88 4.53 -50.63	86.89 4.13 -43.09	72.89 3.38 -35.37	71.81 3.34 -35.10	50.97 3.39 -14.40	47.10 3.47 -9.98
BROOME_2_LFGE 323671	31.02 0.21 -1.30	29.47 0.11 -1.43	28.93 0.11 -1.00	28.55 0.14 -1.31	29.34 0.14 -1.21	32.06 0.30 -1.74	43.54 0.60 0.00	48.22 0.35 -3.82	39.62 0.50 -3.59	35.72 0.52 -2.75	35.63 0.51 -3.43	34.20 0.53 -4.02	33.98 0.53 -4.15	33.88 0.54 -4.59	33.89 0.46 -6.58	35.11 0.54 -7.74	40.43 0.48 -13.04	60.38 0.81 -16.90	55.14 0.77 -11.65	48.60 0.71 -8.22	41.65 0.62 -6.89	38.82 0.60 -4.85	37.30 0.60 -3.52	36.71 0.57 -2.49
BROOME___LFGE 323600	31.02 0.21 -1.30	29.47 0.11 -1.43	28.93 0.11 -1.00	28.55 0.14 -1.31	29.34 0.14 -1.21	32.06 0.30 -1.74	43.54 0.60 0.00	48.22 0.35 -3.82	39.62 0.50 -3.59	35.72 0.52 -2.75	35.63 0.51 -3.43	34.20 0.53 -4.02	33.98 0.53 -4.15	33.88 0.54 -4.59	33.89 0.46 -6.58	35.11 0.54 -7.74	40.43 0.48 -13.04	60.38 0.81 -16.90	55.14 0.77 -11.65	48.60 0.71 -8.22	41.65 0.62 -6.89	38.82 0.60 -4.85	37.30 0.60 -3.52	36.71 0.57 -2.49
BROWNFLS_115KV_TB_3_5 80003	29.16 -0.53 -0.18	27.68 -0.45 -0.19	27.57 -0.39 -0.14	26.92 -0.35 -0.18	27.71 -0.45 -0.16	29.68 -0.57 -0.24	42.25 -0.69 0.00	43.96 -0.62 -0.52	35.35 -0.68 -0.49	32.11 -0.71 -0.37	31.43 -0.73 -0.47	32.36 -0.77 -3.48	32.83 -0.79 -4.33	32.27 -0.80 -4.33	30.65 -0.62 -4.41	30.72 -0.67 -4.56	31.63 -0.62 -5.34	49.11 -0.90 -7.34	48.50 -0.90 -6.68	45.04 -0.56 -5.92	38.82 -0.51 -5.19	36.82 -0.57 -4.02	36.46 -0.53 -3.80	33.42 -0.57 -0.34
BROWNSV1_27_KV_LOAD 356125	35.03 2.04 -3.48	33.62 1.87 -3.81	32.33 1.84 -2.67	32.40 1.79 -3.52	33.09 1.88 -3.23	37.08 2.40 -4.66	46.59 3.65 0.00	58.28 4.01 -10.22	48.37 3.27 -9.56	43.03 3.24 -7.34	43.92 3.07 -9.15	43.39 3.02 -10.72	43.32 2.96 -11.06	43.85 2.87 -12.23	47.04 2.63 -17.55	50.07 2.60 -20.63	68.40 2.72 -38.78	90.53 4.14 -43.71	77.97 4.10 -31.16	65.37 3.73 -21.97	55.54 2.97 -18.42	49.30 2.97 -12.96	45.65 3.05 -9.40	43.38 3.06 -6.67
BURROWS___LYONSDAL 23803	30.00 0.27 -0.22	28.37 0.20 -0.25	28.19 0.19 -0.17	27.57 0.24 -0.23	28.42 0.22 -0.21	30.64 0.33 -0.30	43.54 0.60 0.00	45.46 0.75 -0.66	36.69 0.53 -0.61	33.37 0.45 -0.47	32.72 0.44 -0.59	31.51 0.33 -1.53	31.36 0.26 -1.79	30.86 0.26 -1.85	29.37 0.38 -2.14	29.60 0.43 -2.33	30.65 0.46 -3.29	47.73 0.77 -4.29	47.01 0.81 -3.48	43.54 1.07 -2.80	37.40 0.85 -2.40	35.87 0.70 -1.80	35.42 0.66 -1.56	34.65 0.57 -0.43
CAITHNESS_CC_1 323624	36.95 3.39 -4.05	35.36 3.07 -4.36	34.14 3.03 -3.29	34.16 2.93 -4.14	34.82 3.08 -3.75	38.92 3.78 -5.13	52.55 5.67 -3.94	64.34 5.86 -14.43	53.57 4.62 -13.41	44.57 4.38 -7.74	45.32 4.15 -9.48	47.09 4.00 -13.44	46.41 3.93 -13.18	49.12 3.85 -16.52	53.39 3.60 -22.94	62.59 3.65 -32.11	85.05 3.74 -54.41	119.53 5.85 -71.01	99.20 5.85 -50.63	88.16 5.39 -43.09	73.97 4.47 -35.36	65.34 4.34 -27.64	52.18 4.58 -14.41	48.21 4.58 -9.98
CALPINE BETH_PAGE_GT4 24209	37.75 2.69 -5.56	36.26 2.46 -5.86	35.15 2.42 -4.90	35.19 2.36 -5.74	35.55 2.46 -5.10	39.27 3.03 -6.22	51.41 4.34 -4.14	63.02 4.63 -14.35	52.71 3.70 -13.47	44.81 3.57 -8.79	44.57 3.33 -9.55	46.32 3.23 -13.44	45.91 3.16 -13.44	48.37 3.10 -16.51	52.68 2.90 -22.93	61.78 2.84 -32.09	84.24 2.93 -54.40	118.21 4.52 -71.01	97.79 4.44 -50.63	86.85 4.09 -43.09	72.89 3.38 -35.37	69.70 3.37 -32.96	51.11 3.52 -14.40	47.17 3.53 -9.98
CALPINE_BETH_PAGE_GT_4 323586	37.75 2.69 -5.56	36.26 2.46 -5.86	35.17 2.42 -4.93	35.22 2.36 -5.77	35.58 2.46 -5.13	39.30 3.03 -6.26	51.41 4.33 -4.14	63.02 4.54 -14.43	52.64 3.63 -13.47	44.75 3.51 -8.79	44.57 3.33 -9.55	46.33 3.23 -13.45	45.92 3.17 -13.45	48.37 3.11 -16.52	52.69 2.90 -22.94	61.79 2.84 -32.11	84.24 2.93 -54.41	118.21 4.52 -71.01	97.79 4.44 -50.63	86.85 4.09 -43.09	72.85 3.35 -35.37	69.69 3.37 -32.96	51.11 3.52 -14.40	47.16 3.53 -9.98
CALPINE_BP_GT1 23823	37.75 2.69 -5.56	36.26 2.46 -5.86	35.17 2.42 -4.93	35.22 2.36 -5.77	35.58 2.46 -5.13	39.30 3.03 -6.26	51.41 4.33 -4.14	63.02 4.54 -14.43	52.64 3.63 -13.47	44.75 3.51 -8.79	44.57 3.33 -9.55	46.33 3.23 -13.45	45.92 3.17 -13.45	48.37 3.11 -16.52	52.69 2.90 -22.94	61.79 2.84 -32.11	84.24 2.93 -54.41	118.21 4.52 -71.01	97.79 4.44 -50.63	86.85 4.09 -43.09	72.85 3.35 -35.37	69.69 3.37 -32.96	51.11 3.52 -14.40	47.16 3.53 -9.98
CALSPAN___DRP 24200	28.98 -1.36 -0.83	27.47 -1.37 -0.90	27.04 -1.42 -0.63	26.60 -1.33 -0.83	27.41 -1.34 -0.77	29.89 -1.23 -1.11	41.39 -1.55 0.00	43.70 -2.78 -2.42	35.83 -1.95 -2.25	32.68 -1.49 -1.72	32.29 -1.55 -2.15	30.80 -1.36 -2.52	30.70 -1.20 -2.60	30.50 -1.12 -2.87	29.80 -1.18 -4.12	30.69 -0.99 -4.85	33.80 -1.32 -8.21	45.89 -2.26 -5.48	47.60 -2.39 -7.27	42.70 -2.10 -5.13	36.87 -1.57 -4.30	34.86 -1.53 -3.03	34.06 -1.33 -2.19	34.13 -1.08 -1.56
CALVERTON___SOLAR 323806	37.19 3.63 -4.05	35.56 3.27 -4.36	34.34 3.23 -3.29	34.35 3.11 -4.14	35.02 3.27 -3.75	39.17 4.02 -5.13	52.94 6.06 -3.95	64.69 6.21 -14.43	53.86 4.91 -13.41	44.80 4.61 -7.74	45.57 4.40 -9.48	47.33 4.24 -13.44	46.64 4.16 -13.18	49.35 4.08 -16.52	53.60 3.81 -22.94	62.83 3.89 -32.11	85.32 4.01 -54.41	120.00 6.31 -71.01	99.67 6.32 -50.63	88.60 5.83 -43.09	74.32 4.82 -35.36	65.65 4.64 -27.65	52.48 4.88 -14.41	48.48 4.85 -9.98
CANDIGU_WT_PWR 323617	29.90 -0.62 -1.02	28.37 -0.67 -1.11	27.93 -0.67 -0.78	27.47 -0.65 -1.02	28.26 -0.67 -0.94	30.86 -0.51 -1.36	42.25 -0.69 0.00	45.66 -1.37 -2.98	37.38 -0.92 -2.76	33.82 -0.75 -2.12	33.54 -0.79 -2.64	32.09 -0.65 -3.09	31.91 -0.59 -3.19	31.79 -0.49 -3.53	31.35 -0.57 -5.06	32.36 -0.43 -5.95	36.27 -0.67 -10.03	33.77 -0.98 7.92	50.50 -1.15 -8.94	44.99 -0.99 -6.30	38.82 -0.61 -5.29	36.55 -0.54 -3.72	35.42 -0.46 -2.70	35.26 -0.30 -1.91

CARR STREET_E__SYR 24060	29.87 -0.24 -0.59	28.30 -0.28 -0.65	28.00 -0.28 -0.45	27.42 -0.27 -0.60	28.26 -0.28 -0.55	30.39 -0.42 -0.79	42.12 -0.82 0.00	45.00 -0.79 -1.74	36.64 -0.53 -1.63	33.31 -0.39 -1.25	33.00 -0.25 -1.56	31.30 -0.18 -1.83	31.04 -0.15 -1.88	30.72 -0.11 -2.08	29.74 -0.11 -2.99	30.27 -0.08 -3.51	32.73 -0.16 -5.99	49.73 -0.38 -7.44	47.62 -0.39 -5.29	43.04 -0.36 -3.73	36.96 -0.31 -3.13	35.20 -0.37 -2.20	34.39 -0.40 -1.60	34.34 -0.44 -1.13
CARTHAGE__PAPER 23857	29.50 -0.32 -0.31	27.94 -0.33 -0.34	27.73 -0.33 -0.24	27.14 -0.27 -0.32	27.97 -0.31 -0.29	30.13 -0.30 -0.42	42.72 -0.21 0.00	45.02 0.04 -0.92	36.27 -0.14 -0.87	32.86 -0.26 -0.67	32.24 -0.29 -0.83	31.62 -0.35 -2.33	31.63 -0.41 -2.74	31.30 -0.26 -2.82	29.85 -0.22 -3.21	30.17 -0.16 -3.49	31.67 -0.05 -4.82	49.07 0.09 -6.31	48.05 0.17 -5.16	44.38 0.51 -4.19	38.11 0.34 -3.63	36.25 0.17 -2.72	35.63 0.07 -2.38	34.19 -0.07 -0.61
CASSADAGA_WT_PWR 323784	28.65 -1.71 -0.85	27.13 -1.73 -0.93	26.72 -1.75 -0.65	26.25 -1.71 -0.86	27.04 -1.74 -0.79	29.59 -1.56 -1.14	41.09 -1.85 0.00	43.42 -3.13 -2.50	35.53 -2.31 -2.30	32.27 -1.95 -1.77	31.90 -2.00 -2.20	30.39 -1.84 -2.58	30.24 -1.73 -2.66	29.94 -1.75 -2.94	29.36 -1.72 -4.22	30.27 -1.53 -4.97	33.69 -1.67 -8.46	46.26 -2.48 -6.07	47.71 -2.52 -7.51	42.75 -2.22 -5.30	37.02 -1.57 -4.44	35.09 -1.40 -3.13	34.43 -1.03 -2.27	34.45 -0.81 -1.61
CE_DUNWOOD__DRP 24194	34.79 1.80 -3.48	33.41 1.68 -3.80	32.16 1.67 -2.66	32.23 1.63 -3.51	32.92 1.71 -3.22	36.83 2.16 -4.66	46.16 3.22 0.00	57.74 3.48 -10.20	47.90 2.81 -9.55	42.50 2.73 -7.33	43.47 2.63 -9.14	42.93 2.58 -10.71	42.87 2.52 -11.05	43.40 2.44 -12.21	46.64 2.26 -17.53	49.67 2.23 -20.60	68.24 2.31 -39.02	89.87 3.54 -43.66	77.34 3.50 -31.12	64.83 3.21 -21.94	55.17 2.63 -18.40	48.88 2.57 -12.94	45.20 2.62 -9.39	42.96 2.66 -6.66
CE_MILLWOOD__DRP 24193	34.72 1.74 -3.47	33.34 1.62 -3.79	32.06 1.59 -2.65	32.17 1.57 -3.50	32.85 1.65 -3.21	36.72 2.07 -4.64	46.07 3.13 0.00	57.57 3.35 -10.17	47.78 2.70 -9.54	42.40 2.63 -7.32	43.39 2.57 -9.13	42.83 2.49 -10.69	42.77 2.43 -11.04	43.33 2.39 -12.20	46.54 2.18 -17.51	49.59 2.17 -20.58	68.37 2.23 -39.24	89.73 3.46 -43.60	77.17 3.37 -31.08	64.68 3.09 -21.92	55.04 2.53 -18.38	48.80 2.50 -12.93	45.13 2.56 -9.38	42.86 2.56 -6.65
CE_NYC2_DRP 24202	35.00 2.01 -3.48	33.56 1.82 -3.81	32.27 1.78 -2.67	32.32 1.71 -3.52	33.01 1.79 -3.23	36.96 2.28 -4.66	46.24 3.31 0.00	57.89 3.61 -10.22	48.09 2.99 -9.56	42.77 2.99 -7.34	43.73 2.88 -9.15	43.19 2.82 -10.72	43.12 2.75 -11.06	43.65 2.67 -12.23	46.88 2.47 -17.55	49.88 2.42 -20.63	68.26 2.58 -38.77	90.31 3.93 -43.72	77.72 3.84 -31.16	65.14 3.49 -21.97	55.33 2.77 -18.42	49.13 2.80 -12.96	45.51 2.92 -9.40	43.32 2.99 -6.67
CE_NYC_DRP 24195	34.82 1.83 -3.48	33.42 1.68 -3.81	32.16 1.67 -2.67	32.24 1.63 -3.52	32.90 1.68 -3.23	36.87 2.19 -4.66	46.24 3.31 0.00	57.93 3.66 -10.22	48.09 2.99 -9.56	42.77 2.99 -7.34	43.70 2.85 -9.15	43.16 2.79 -10.72	43.09 2.72 -11.06	43.62 2.64 -12.23	46.85 2.44 -17.55	49.85 2.39 -20.63	68.19 2.50 -38.78	90.18 3.80 -43.71	77.59 3.72 -31.16	65.02 3.37 -21.97	55.26 2.70 -18.42	49.03 2.70 -12.96	45.38 2.79 -9.40	43.11 2.79 -6.67
CHAFFEE__LFGE 323603	29.05 -1.30 -0.84	27.54 -1.31 -0.92	27.13 -1.33 -0.64	26.64 -1.30 -0.85	27.45 -1.32 -0.78	29.96 -1.17 -1.12	41.48 -1.46 0.00	43.74 -2.77 -2.46	36.00 -1.81 -2.27	32.73 -1.46 -1.74	32.41 -1.46 -2.17	30.95 -1.24 -2.54	30.81 -1.11 -2.63	30.62 -1.03 -2.90	29.92 -1.10 -4.17	30.82 -0.91 -4.90	34.04 -1.21 -8.34	46.56 -2.00 -5.89	47.95 -2.18 -7.41	42.96 -1.94 -5.23	37.09 -1.43 -4.39	35.02 -1.43 -3.08	34.17 -1.26 -2.24	34.19 -1.04 -1.59
CHATEAUG_35_KV_LOAD 355732	28.92 -0.59 0.00	27.51 -0.42 0.00	27.43 -0.39 0.00	26.69 -0.41 0.00	27.60 -0.39 0.00	29.62 -0.39 0.00	42.59 -0.43 0.00	43.48 -0.57 0.00	34.62 -0.92 0.00	31.15 -1.30 0.00	30.11 -1.58 0.00	-1.13 -1.66 29.12	-9.61 -1.61 37.30	-9.60 -1.61 36.74	-9.47 -1.48 34.85	-9.46 -1.53 34.77	-9.47 -1.48 34.90	-9.79 -2.13 50.33	-9.75 -2.18 50.29	-9.81 -2.02 47.46	-9.80 -1.74 42.20	-1.62 -1.77 33.22	-1.47 -1.79 32.87	31.83 -1.82 0.00
CHATEAUG_WT_PWR 323614	28.89 -0.62 0.00	27.49 -0.45 0.00	27.38 -0.45 0.00	26.64 -0.46 0.00	27.54 -0.45 0.00	29.59 -0.42 0.00	42.47 -0.47 0.00	43.30 -0.75 0.00	34.48 -1.07 0.00	31.06 -1.39 0.00	30.01 -1.68 0.00	0.90 -1.78 26.97	-7.00 -1.76 34.55	-7.00 -1.72 34.03	-7.03 -1.61 32.27	-7.06 -1.69 32.20	-7.06 -1.64 32.32	-6.41 -2.48 46.61	-6.42 -2.56 46.57	-6.66 -2.38 43.95	-6.95 -2.01 39.08	0.71 -1.90 30.76	0.82 -1.93 30.44	31.73 -1.92 0.00
CHAT_HIGH_FALL_HYD 323578	28.92 -0.59 0.00	27.52 -0.42 0.00	27.43 -0.39 0.00	26.69 -0.41 0.00	27.57 -0.42 0.00	29.62 -0.39 0.00	42.51 -0.43 0.00	43.53 -0.53 0.00	34.62 -0.92 0.00	31.18 -1.27 0.00	30.11 -1.58 0.00	-1.13 -1.66 29.12	-9.61 -1.61 37.30	-9.58 -1.58 36.74	-9.47 -1.48 34.85	-9.46 -1.53 34.77	-9.45 -1.45 34.90	-9.79 -2.13 50.33	-9.75 -2.18 50.29	-9.80 -2.02 47.45	-9.83 -1.78 42.20	-1.62 -1.77 33.22	-1.47 -1.79 32.87	31.83 -1.82 0.00
CHAUTAUQUA__LFGE 323629	29.14 -1.21 -0.85	27.60 -1.26 -0.92	27.19 -1.28 -0.65	26.73 -1.22 -0.85	27.54 -1.23 -0.78	30.06 -1.08 -1.13	41.56 -1.38 0.00	43.93 -2.60 -2.48	36.08 -1.74 -2.28	32.81 -1.39 -1.75	32.45 -1.43 -2.19	30.97 -1.24 -2.56	30.83 -1.11 -2.64	30.61 -1.06 -2.92	29.95 -1.10 -4.19	30.85 -0.91 -4.93	34.11 -1.18 -8.39	46.60 -1.88 -5.80	48.17 -2.01 -7.46	43.19 -1.74 -5.26	37.32 -1.23 -4.41	35.30 -1.17 -3.10	34.51 -0.93 -2.25	34.54 -0.71 -1.60
CHERRYST_13_KV_LD 356241	34.88 1.89 -3.48	33.50 1.76 -3.81	32.22 1.73 -2.67	32.29 1.68 -3.52	32.98 1.76 -3.23	36.93 2.25 -4.66	46.37 3.44 0.00	58.06 3.79 -10.22	48.23 3.13 -9.56	42.90 3.12 -7.34	43.79 2.95 -9.15	43.27 2.91 -10.72	43.21 2.84 -11.06	43.74 2.76 -12.23	46.96 2.55 -17.55	49.96 2.50 -20.63	68.30 2.61 -38.78	90.31 3.93 -43.71	77.72 3.84 -31.16	65.14 3.49 -21.97	55.36 2.80 -18.42	49.10 2.77 -12.96	45.45 2.85 -9.40	43.21 2.89 -6.67
CHESTROR_138KV_BK263 355645	34.17 1.42 -3.24	32.79 1.31 -3.55	31.53 1.22 -2.48	31.59 1.22 -3.27	32.28 1.29 -3.01	36.01 1.65 -4.34	45.39 2.45 0.00	56.13 2.56 -9.52	46.34 2.03 -8.78	41.13 1.95 -6.74	41.97 1.87 -8.41	41.33 1.84 -9.84	41.28 1.82 -10.16	41.76 1.78 -11.23	44.58 1.61 -16.11	47.41 1.64 -18.94	58.87 1.67 -30.29	85.42 2.60 -40.14	73.89 2.56 -28.61	62.19 2.34 -20.18	52.98 1.91 -16.92	47.17 1.90 -11.90	43.75 1.93 -8.63	41.69 1.92 -6.12
CH_MIDHUDSON__DRP 24192	34.79 1.71 -3.57	33.41 1.56 -3.91	32.12 1.56 -2.74	32.22 1.52 -3.61	32.89 1.60 -3.31	36.78 1.98 -4.78	45.86 2.92 0.00	57.58 3.04 -10.48	47.76 2.49 -9.74	42.29 2.37 -7.47	43.33 2.31 -9.32	42.79 2.22 -10.92	42.77 2.20 -11.27	43.36 2.16 -12.45	46.72 1.99 -17.87	49.86 2.01 -21.01	65.13 2.04 -36.17	90.35 3.16 -44.52	77.57 3.12 -31.73	64.91 2.86 -22.38	55.30 2.39 -18.77	48.90 2.34 -13.20	45.12 2.36 -9.58	42.83 2.39 -6.79

CH_MISC_IPPS 23765	34.82 1.80 -3.51	33.41 1.65 -3.83	32.12 1.61 -2.68	32.23 1.60 -3.54	32.89 1.65 -3.25	36.81 2.10 -4.69	46.07 3.13 0.00	57.47 3.13 -10.29	47.65 2.56 -9.55	42.24 2.46 -7.33	43.21 2.38 -9.14	42.64 2.28 -10.71	42.64 2.29 -11.05	43.21 2.24 -12.21	46.45 2.07 -17.53	49.56 2.12 -20.60	64.15 2.13 -35.12	89.69 3.37 -43.65	77.15 3.33 -31.10	64.62 3.01 -21.93	55.06 2.53 -18.39	48.78 2.47 -12.94	45.07 2.49 -9.39	42.79 2.49 -6.65
CH_RES_BVR_FALLS 23983	29.07 -0.44 0.00	27.54 -0.39 0.00	27.46 -0.36 0.00	26.74 -0.35 0.00	27.60 -0.39 0.00	29.44 -0.57 0.00	42.17 -0.77 0.00	43.39 -0.66 0.00	34.90 -0.64 0.00	31.80 -0.65 0.00	30.97 -0.73 0.00	28.88 -0.77 0.00	28.48 -0.82 0.00	27.89 -0.86 0.00	26.05 -0.80 0.00	26.00 -0.83 0.00	26.15 -0.75 0.00	41.56 -1.11 0.00	41.65 -1.07 0.00	38.72 -0.95 0.00	33.36 -0.78 0.00	32.63 -0.73 0.00	32.53 -0.66 0.00	33.01 -0.64 0.00
CH_RES_NIAGARA 23895	28.21 -2.09 -0.79	26.76 -2.04 -0.86	26.37 -2.06 -0.60	25.89 -2.00 -0.80	26.68 -2.04 -0.73	29.06 -2.01 -1.06	39.72 -3.22 0.00	41.96 -4.40 -2.32	34.66 -3.02 -2.14	31.56 -2.53 -1.64	31.27 -2.47 -2.05	29.82 -2.22 -2.40	29.70 -2.08 -2.48	29.50 -1.98 -2.74	28.79 -1.99 -3.93	29.65 -1.80 -4.62	32.62 -2.15 -7.86	45.68 -3.11 -6.12	45.88 -3.84 -7.00	41.16 -3.45 -4.94	35.59 -2.70 -4.14	33.71 -2.57 -2.91	32.95 -2.36 -2.11	33.16 -1.99 -1.50
CH_RES_SYRACUSE 23985	30.11 -0.03 -0.63	28.57 -0.06 -0.69	28.25 -0.06 -0.48	27.65 -0.08 -0.64	28.49 -0.08 -0.59	30.71 -0.15 -0.85	42.68 -0.26 0.00	45.77 -0.13 -1.85	37.28 0.00 -1.74	33.82 0.03 -1.34	33.45 0.10 -1.67	31.72 0.12 -1.95	31.46 0.15 -2.01	31.15 0.17 -2.23	30.21 0.16 -3.19	30.78 0.19 -3.76	33.50 0.19 -6.40	50.88 0.26 -7.95	48.61 0.26 -5.63	43.88 0.24 -3.97	37.68 0.21 -3.33	35.84 0.13 -2.34	34.96 0.07 -1.70	34.89 0.03 -1.20
CLINTON_WT_PWR 323605	28.89 -0.62 0.00	27.49 -0.45 0.00	27.38 -0.45 0.00	26.64 -0.46 0.00	27.54 -0.45 0.00	29.59 -0.42 0.00	42.47 -0.47 0.00	43.30 -0.75 0.00	34.48 -1.07 0.00	31.06 -1.39 0.00	30.01 -1.68 0.00	0.90 -1.78 26.97	-7.00 -1.76 34.55	-7.00 -1.72 34.03	-7.03 -1.61 32.27	-7.06 -1.69 32.20	-7.06 -1.64 32.32	-6.41 -2.48 46.61	-6.42 -2.56 46.57	-6.66 -2.38 43.95	-6.95 -2.01 39.08	0.71 -1.90 30.76	0.82 -1.93 30.44	31.73 -1.92 0.00
CLINTON__LFGE 323618	29.19 -0.32 0.00	27.77 -0.17 0.00	27.66 -0.17 0.00	26.91 -0.19 0.00	27.85 -0.14 0.00	29.95 -0.06 0.00	43.11 0.17 0.00	44.27 0.22 0.00	34.97 -0.57 0.00	31.41 -1.04 0.00	30.30 -1.39 0.00	0.01 -1.33 28.30	-7.90 -0.94 36.26	-7.86 -0.89 35.72	-7.83 -0.80 33.88	-7.80 -0.83 33.80	-7.77 -0.75 33.93	-6.98 -0.73 48.93	-7.11 -0.94 48.88	-7.45 -0.99 46.13	-7.70 -0.82 41.02	0.01 -1.07 32.29	0.01 -1.23 31.95	32.10 -1.55 0.00
COBBLENY_34_KV_TB1 80064	29.05 -1.30 -0.84	27.54 -1.31 -0.92	27.10 -1.36 -0.64	26.67 -1.27 -0.85	27.45 -1.32 -0.78	29.97 -1.17 -1.12	41.56 -1.37 0.00	43.96 -2.56 -2.46	36.05 -1.78 -2.28	32.84 -1.36 -1.75	32.45 -1.43 -2.19	30.96 -1.25 -2.56	30.86 -1.08 -2.64	30.66 -1.01 -2.92	29.95 -1.10 -4.19	30.85 -0.91 -4.93	34.07 -1.18 -8.34	46.56 -2.01 -5.90	47.93 -2.18 -7.39	42.94 -1.94 -5.21	37.08 -1.43 -4.37	35.01 -1.43 -3.07	34.16 -1.26 -2.23	34.19 -1.04 -1.58
COFFEEN__115KV_TB3 355620	29.78 -0.09 -0.36	28.13 -0.20 -0.39	27.90 -0.19 -0.28	27.35 -0.11 -0.36	28.21 -0.11 -0.33	30.43 -0.06 -0.48	43.37 0.43 0.00	45.77 0.66 -1.06	36.88 0.36 -0.98	33.33 0.13 -0.75	32.73 0.10 -0.94	31.90 0.03 -2.22	31.85 -0.03 -2.58	31.36 -0.06 -2.67	30.05 0.05 -3.15	30.48 0.19 -3.46	32.29 0.38 -5.01	50.11 0.94 -6.50	48.93 1.03 -5.19	45.02 1.23 -4.12	38.58 0.89 -3.55	36.67 0.67 -2.63	35.97 0.53 -2.25	34.68 0.34 -0.69
COLDSPRG_115KV_BK1 355956	29.25 -1.12 -0.86	27.70 -1.17 -0.94	27.26 -1.22 -0.66	26.86 -1.11 -0.87	27.67 -1.12 -0.80	30.27 -0.90 -1.16	42.51 -0.43 0.00	44.87 -1.72 -2.53	36.64 -1.24 -2.35	33.24 -1.01 -1.80	32.83 -1.11 -2.25	31.30 -0.98 -2.63	31.14 -0.88 -2.72	30.89 -0.86 -3.00	30.17 -0.99 -4.31	31.09 -0.81 -5.06	34.41 -0.97 -8.47	47.89 -1.28 -6.50	48.76 -1.54 -7.58	43.67 -1.35 -5.35	37.70 -0.92 -4.48	35.65 -0.87 -3.15	34.85 -0.63 -2.29	34.80 -0.47 -1.62
COLONIE_LFGE__ 323577	35.51 1.62 -4.38	34.23 1.51 -4.79	32.68 1.50 -3.36	32.98 1.46 -4.42	33.56 1.51 -4.06	37.62 1.74 -5.87	45.47 2.53 0.00	59.42 2.51 -12.86	49.54 2.06 -11.93	43.43 1.82 -9.16	44.96 1.84 -11.43	44.72 1.69 -13.38	44.81 1.70 -13.81	45.68 1.67 -15.27	50.32 1.56 -21.91	54.17 1.58 -25.75	72.74 1.53 -44.30	99.74 2.52 -54.55	84.06 2.48 -38.87	69.42 2.34 -27.41	59.54 2.08 -23.31	51.54 2.00 -16.17	46.88 1.96 -11.73	44.02 2.05 -8.32
COOPERNY_115KV_TB1 80082	33.22 1.03 -2.67	31.81 0.95 -2.92	30.76 0.89 -2.05	30.69 0.89 -2.70	31.42 0.95 -2.48	34.82 1.23 -3.58	44.78 1.85 0.00	53.79 1.89 -7.85	44.32 1.53 -7.25	39.51 1.49 -5.57	40.06 1.43 -6.95	39.21 1.42 -8.13	39.07 1.38 -8.39	39.38 1.35 -9.28	41.41 1.24 -13.32	43.72 1.23 -15.65	53.95 1.26 -25.78	77.81 1.96 -33.18	68.29 1.92 -23.65	58.13 1.79 -16.68	49.57 1.43 -13.99	44.64 1.43 -9.84	41.79 1.46 -7.14	40.16 1.45 -5.06
COPENHAGEN_WT_PWR 323753	29.62 -0.27 -0.37	28.01 -0.33 -0.41	27.78 -0.33 -0.28	27.20 -0.27 -0.38	28.05 -0.28 -0.34	30.24 -0.27 -0.50	42.90 -0.04 0.00	45.32 0.18 -1.09	36.57 0.00 -1.03	33.11 -0.13 -0.79	32.52 -0.16 -0.99	31.66 -0.21 -2.22	31.62 -0.24 -2.56	31.27 -0.14 -2.66	29.89 -0.13 -3.17	30.30 -0.03 -3.49	32.08 0.11 -5.06	49.60 0.38 -6.55	48.38 0.47 -5.19	44.44 0.67 -4.10	38.14 0.48 -3.52	36.28 0.30 -2.61	35.60 0.20 -2.21	34.40 0.03 -0.72
CORNELL____ 23752	31.15 0.65 -0.99	29.58 0.56 -1.08	29.14 0.56 -0.76	28.64 0.54 -1.00	29.47 0.56 -0.92	32.06 0.72 -1.33	44.23 1.29 0.00	48.42 1.45 -2.91	39.45 1.21 -2.70	35.59 1.07 -2.07	35.32 1.05 -2.58	33.68 1.01 -3.02	33.42 1.00 -3.12	33.23 1.03 -3.45	32.72 0.91 -4.95	33.68 1.02 -5.82	37.85 1.08 -9.87	59.13 1.79 -14.67	53.27 1.71 -8.84	47.45 1.55 -6.23	40.70 1.33 -5.23	38.28 1.23 -3.68	36.99 1.13 -2.67	36.62 1.08 -1.89
CORONAAV_69_KV_TB1 355595	44.55 2.66 -12.38	43.08 2.46 -12.68	42.60 2.45 -12.33	42.59 2.38 -13.11	41.80 2.49 -11.32	44.37 3.00 -11.35	52.48 4.38 -5.16	63.06 4.67 -14.34	53.11 3.77 -13.81	49.65 3.63 -13.56	45.00 3.42 -9.89	46.41 3.29 -13.47	47.18 3.22 -14.66	48.42 3.16 -16.51	52.71 2.93 -22.93	61.86 2.93 -32.09	84.32 3.01 -54.40	118.29 4.61 -71.01	97.92 4.57 -50.63	86.97 4.21 -43.09	73.05 3.52 -35.39	93.84 3.44 -57.03	51.17 3.58 -14.39	47.23 3.60 -9.98
CORTLAND_115KV_TB3 80093	30.72 0.35 -0.86	29.18 0.31 -0.94	28.78 0.31 -0.66	28.26 0.30 -0.86	29.09 0.31 -0.79	31.55 0.39 -1.15	43.67 0.73 0.00	47.36 0.79 -2.51	38.58 0.71 -2.33	34.89 0.65 -1.79	34.59 0.67 -2.23	32.91 0.65 -2.61	32.61 0.62 -2.69	32.39 0.66 -2.98	31.72 0.59 -4.27	32.50 0.64 -5.02	36.11 0.67 -8.53	55.28 1.11 -11.49	51.42 1.07 -7.64	46.05 0.99 -5.39	39.51 0.85 -4.52	37.31 0.77 -3.18	36.19 0.70 -2.31	35.96 0.67 -1.63

COXSACKIE___GT 23611	35.67 2.06 -4.09	34.36 1.95 -4.47	33.02 2.06 -3.13	33.18 1.95 -4.13	33.80 2.02 -3.79	37.80 2.31 -5.48	46.85 3.91 0.00	59.10 3.04 -12.01	49.25 2.56 -11.15	42.99 1.98 -8.56	44.17 1.81 -10.67	43.63 1.48 -12.50	43.78 1.58 -12.90	44.65 1.64 -14.26	48.96 1.64 -20.47	52.83 1.93 -24.06	70.12 1.67 -41.55	97.13 3.16 -51.30	82.31 3.03 -36.56	68.27 2.82 -25.78	58.50 2.63 -21.73	50.94 2.37 -15.21	46.38 2.16 -11.03	43.66 2.19 -7.82
CPV_VALLEY___CC1 323721	33.73 1.18 -3.04	32.34 1.09 -3.32	31.17 1.03 -2.32	31.18 1.03 -3.05	31.88 1.09 -2.80	35.44 1.38 -4.05	45.04 2.10 0.00	54.99 2.07 -8.87	45.41 1.64 -8.23	40.42 1.65 -6.32	41.16 1.58 -7.89	40.48 1.60 -9.24	40.41 1.58 -9.53	40.80 1.52 -10.53	43.37 1.40 -15.12	46.00 1.39 -17.77	57.34 1.43 -29.01	82.49 2.18 -37.64	71.71 2.18 -26.82	60.57 1.98 -18.91	51.61 1.61 -15.86	46.13 1.60 -11.16	42.91 1.63 -8.09	41.04 1.65 -5.74
CPV_VALLEY___CC2 323722	33.73 1.18 -3.04	32.34 1.09 -3.32	31.17 1.03 -2.32	31.18 1.03 -3.05	31.88 1.09 -2.80	35.44 1.38 -4.05	45.04 2.10 0.00	54.99 2.07 -8.87	45.41 1.64 -8.23	40.42 1.65 -6.32	41.16 1.58 -7.89	40.48 1.60 -9.24	40.41 1.58 -9.53	40.80 1.52 -10.53	43.37 1.40 -15.12	46.00 1.39 -17.77	57.34 1.43 -29.01	82.49 2.18 -37.64	71.71 2.18 -26.82	60.57 1.98 -18.91	51.61 1.61 -15.86	46.13 1.60 -11.16	42.91 1.63 -8.09	41.04 1.65 -5.74
CRESCENT___HYD 24018	35.51 1.62 -4.38	34.23 1.51 -4.79	32.68 1.50 -3.36	32.98 1.46 -4.42	33.56 1.51 -4.06	37.62 1.74 -5.87	45.47 2.53 0.00	59.42 2.51 -12.86	49.54 2.06 -11.93	43.43 1.82 -9.16	44.96 1.84 -11.43	44.72 1.69 -13.38	44.81 1.70 -13.81	45.68 1.67 -15.27	50.32 1.56 -21.91	54.17 1.58 -25.75	72.74 1.53 -44.30	99.74 2.52 -54.55	84.06 2.48 -38.87	69.42 2.34 -27.41	59.54 2.08 -23.31	51.54 2.00 -16.17	46.88 1.96 -11.73	44.02 2.05 -8.32
CRICKET___VALLEY_CC1 323756	34.81 1.62 -3.67	33.49 1.54 -4.02	32.14 1.50 -2.82	32.30 1.49 -3.72	32.94 1.54 -3.41	36.83 1.89 -4.93	45.65 2.71 0.00	57.63 2.78 -10.80	47.81 2.24 -10.03	42.29 2.14 -7.70	43.48 2.19 -9.60	43.00 2.11 -11.25	42.99 2.08 -11.61	43.59 2.01 -12.83	47.12 1.85 -18.41	50.33 1.85 -21.64	66.37 1.86 -37.61	91.32 2.82 -45.83	78.19 2.82 -32.66	65.32 2.62 -23.03	55.65 2.19 -19.32	49.12 2.17 -13.59	45.24 2.19 -9.86	42.93 2.29 -6.99
CRICKET___VALLEY_CC2 323757	34.81 1.62 -3.67	33.49 1.54 -4.02	32.14 1.50 -2.82	32.30 1.49 -3.72	32.94 1.54 -3.41	36.83 1.89 -4.93	45.65 2.71 0.00	57.63 2.78 -10.80	47.81 2.24 -10.03	42.29 2.14 -7.70	43.48 2.19 -9.60	43.00 2.11 -11.25	42.99 2.08 -11.61	43.59 2.01 -12.83	47.12 1.85 -18.41	50.33 1.85 -21.64	66.37 1.86 -37.61	91.32 2.82 -45.83	78.19 2.82 -32.66	65.32 2.62 -23.03	55.65 2.19 -19.32	49.12 2.17 -13.59	45.24 2.19 -9.86	42.93 2.29 -6.99
CRICKET___VALLEY_CC3 323758	34.81 1.62 -3.67	33.49 1.54 -4.02	32.14 1.50 -2.82	32.30 1.49 -3.72	32.94 1.54 -3.41	36.83 1.89 -4.93	45.65 2.71 0.00	57.63 2.78 -10.80	47.81 2.24 -10.03	42.29 2.14 -7.70	43.48 2.19 -9.60	43.00 2.11 -11.25	42.99 2.08 -11.61	43.59 2.01 -12.83	47.12 1.85 -18.41	50.33 1.85 -21.64	66.37 1.86 -37.61	91.32 2.82 -45.83	78.19 2.82 -32.66	65.32 2.62 -23.03	55.65 2.19 -19.32	49.12 2.17 -13.59	45.24 2.19 -9.86	42.93 2.29 -6.99
CRUCIBLE_METL_DRP 24180	30.11 -0.03 -0.63	28.57 -0.06 -0.69	28.22 -0.08 -0.48	27.65 -0.08 -0.64	28.49 -0.08 -0.59	30.71 -0.15 -0.85	42.68 -0.26 0.00	45.82 -0.09 -1.86	37.26 0.00 -1.72	33.80 0.03 -1.32	33.44 0.10 -1.65	31.70 0.12 -1.93	31.44 0.15 -1.99	31.15 0.20 -2.20	30.17 0.16 -3.16	30.74 0.19 -3.71	33.49 0.19 -6.40	50.88 0.26 -7.95	48.64 0.26 -5.67	43.91 0.24 -4.00	37.70 0.20 -3.35	35.86 0.13 -2.36	34.97 0.07 -1.71	34.90 0.03 -1.21
DAHOWA___HYDRO 323763	36.01 2.06 -4.44	34.71 1.93 -4.85	33.09 1.86 -3.40	33.40 1.82 -4.48	33.98 1.88 -4.12	38.09 2.13 -5.95	46.16 3.22 0.00	60.26 3.17 -13.04	50.23 2.59 -12.10	43.95 2.21 -9.29	45.34 2.06 -11.59	45.12 1.90 -13.57	45.21 1.90 -14.00	46.12 1.90 -15.48	50.79 1.72 -22.21	54.67 1.72 -26.11	73.57 1.78 -44.89	101.13 3.16 -55.30	85.07 2.95 -39.41	70.20 2.74 -27.79	60.32 2.49 -23.69	52.10 2.33 -16.39	47.31 2.22 -11.89	44.54 2.46 -8.43
DANC___LFGE 323619	29.56 -0.38 -0.44	27.97 -0.45 -0.48	27.71 -0.45 -0.34	27.13 -0.41 -0.44	27.98 -0.42 -0.41	30.15 -0.45 -0.59	42.51 -0.43 0.00	45.07 -0.26 -1.29	36.47 -0.29 -1.21	33.06 -0.32 -0.93	32.54 -0.32 -1.16	31.42 -0.33 -2.10	31.33 -0.32 -2.35	30.97 -0.26 -2.48	29.72 -0.24 -3.11	30.15 -0.19 -3.50	32.15 -0.11 -5.35	49.50 0.00 -6.82	48.02 0.09 -5.22	43.86 0.20 -3.99	37.64 0.10 -3.40	35.82 -0.03 -2.48	35.12 -0.10 -2.02	34.26 -0.23 -0.84
DANSKAMMER___1 23586	34.82 1.80 -3.51	33.41 1.65 -3.83	32.12 1.61 -2.68	32.23 1.60 -3.54	32.89 1.65 -3.25	36.81 2.10 -4.69	46.07 3.13 0.00	57.47 3.13 -10.29	47.65 2.56 -9.55	42.24 2.46 -7.33	43.21 2.38 -9.14	42.64 2.28 -10.71	42.64 2.29 -11.05	43.21 2.24 -12.21	46.45 2.07 -17.53	49.56 2.12 -20.60	64.15 2.13 -35.12	89.69 3.37 -43.65	77.15 3.33 -31.10	64.62 3.01 -21.93	55.06 2.53 -18.39	48.78 2.47 -12.94	45.07 2.49 -9.39	42.79 2.49 -6.65
DANSKAMMER___2 23589	34.82 1.80 -3.51	33.41 1.65 -3.83	32.12 1.61 -2.68	32.23 1.60 -3.54	32.89 1.65 -3.25	36.81 2.10 -4.69	46.07 3.13 0.00	57.47 3.13 -10.29	47.65 2.56 -9.55	42.24 2.46 -7.33	43.21 2.38 -9.14	42.64 2.28 -10.71	42.64 2.29 -11.05	43.21 2.24 -12.21	46.45 2.07 -17.53	49.56 2.12 -20.60	64.15 2.13 -35.12	89.69 3.37 -43.65	77.15 3.33 -31.10	64.62 3.01 -21.93	55.06 2.53 -18.39	48.78 2.47 -12.94	45.07 2.49 -9.39	42.79 2.49 -6.65
DANSKAMMER___3 23590	34.82 1.80 -3.51	33.41 1.65 -3.83	32.12 1.61 -2.68	32.23 1.60 -3.54	32.89 1.65 -3.25	36.81 2.10 -4.69	46.07 3.13 0.00	57.47 3.13 -10.29	47.65 2.56 -9.55	42.24 2.46 -7.33	43.21 2.38 -9.14	42.64 2.28 -10.71	42.64 2.29 -11.05	43.21 2.24 -12.21	46.45 2.07 -17.53	49.56 2.12 -20.60	64.15 2.13 -35.12	89.69 3.37 -43.65	77.15 3.33 -31.10	64.62 3.01 -21.93	55.06 2.53 -18.39	48.78 2.47 -12.94	45.07 2.49 -9.39	42.79 2.49 -6.65
DANSKAMMER___4 23591	34.82 1.80 -3.51	33.41 1.65 -3.83	32.12 1.61 -2.68	32.23 1.60 -3.54	32.89 1.65 -3.25	36.81 2.10 -4.69	46.07 3.13 0.00	57.47 3.13 -10.29	47.65 2.56 -9.55	42.24 2.46 -7.33	43.21 2.38 -9.14	42.64 2.28 -10.71	42.64 2.29 -11.05	43.21 2.24 -12.21	46.45 2.07 -17.53	49.56 2.12 -20.60	64.15 2.13 -35.12	89.69 3.37 -43.65	77.15 3.33 -31.10	64.62 3.01 -21.93	55.06 2.53 -18.39	48.78 2.47 -12.94	45.07 2.49 -9.39	42.79 2.49 -6.65
DANSKAMMER___DIESEL 23592	34.82 1.80 -3.51	33.41 1.65 -3.83	32.12 1.61 -2.68	32.21 1.57 -3.54	32.89 1.65 -3.25	36.81 2.10 -4.69	46.07 3.13 0.00	57.55 3.22 -10.28	47.68 2.59 -9.54	42.24 2.47 -7.33	43.24 2.41 -9.14	42.63 2.28 -10.70	42.63 2.29 -11.04	43.20 2.24 -12.21	46.44 2.07 -17.52	49.55 2.12 -20.59	64.17 2.15 -35.11	89.68 3.37 -43.64	77.16 3.33 -31.11	64.62 3.02 -21.94	55.10 2.56 -18.40	48.78 2.47 -12.94	45.07 2.49 -9.39	42.79 2.49 -6.66

DARBY___SOLAR 323810	35.92 1.98 -4.43	34.62 1.84 -4.84	33.03 1.81 -3.40	33.31 1.74 -4.48	33.89 1.79 -4.11	37.99 2.04 -5.94	45.99 3.05 0.00	60.10 3.04 -13.01	50.10 2.49 -12.08	43.83 2.11 -9.27	45.25 2.00 -11.56	45.06 1.87 -13.54	45.15 1.88 -13.98	46.04 1.84 -15.45	50.72 1.69 -22.17	54.59 1.69 -26.06	73.44 1.72 -44.81	100.85 2.99 -55.19	84.91 2.86 -39.33	70.07 2.66 -27.74	60.17 2.39 -23.64	52.00 2.27 -16.36	47.22 2.16 -11.87	44.42 2.35 -8.41
DASHVILLE___HYD 23610	34.13 0.97 -3.65	32.79 0.87 -3.99	31.45 0.83 -2.79	31.59 0.81 -3.68	32.26 0.90 -3.38	36.19 1.29 -4.88	45.34 2.40 0.00	56.65 1.89 -10.71	47.04 1.56 -9.93	41.60 1.53 -7.63	42.66 1.46 -9.51	42.21 1.42 -11.14	42.23 1.44 -11.50	42.86 1.41 -12.71	46.38 1.29 -18.24	49.59 1.32 -21.44	64.77 1.32 -36.55	90.10 2.01 -45.42	77.17 2.01 -32.44	64.38 1.82 -22.88	54.86 1.50 -19.21	48.33 1.47 -13.50	44.48 1.49 -9.79	42.10 1.51 -6.94
DEERFIELD_69_KV_DEERFIELD LD 355887	37.75 4.19 -4.05	36.12 3.83 -4.36	34.88 3.78 -3.27	34.87 3.66 -4.11	35.53 3.81 -3.73	39.73 4.62 -5.09	53.88 7.00 -3.95	65.71 7.31 -14.35	54.74 5.79 -13.41	45.58 5.39 -7.74	46.30 5.13 -9.47	47.97 4.89 -13.43	47.31 4.83 -13.18	49.98 4.71 -16.51	54.19 4.40 -22.93	63.44 4.51 -32.09	86.04 4.74 -54.40	121.15 7.47 -71.01	100.87 7.52 -50.63	89.67 6.90 -43.09	75.17 5.67 -35.36	66.46 5.44 -27.66	53.18 5.58 -14.41	49.22 5.59 -9.98
DELAWARE___LFGE 323621	32.62 1.86 -1.25	30.87 1.56 -1.37	30.31 1.53 -0.96	29.96 1.60 -1.26	30.83 1.68 -1.16	33.79 2.10 -1.68	47.06 4.12 0.00	51.91 4.18 -3.68	42.47 3.52 -3.41	38.15 3.08 -2.61	38.00 3.04 -3.26	36.20 2.73 -3.82	35.76 2.52 -3.94	35.55 2.44 -4.36	35.28 2.18 -6.25	36.57 2.39 -7.35	41.98 2.56 -12.52	63.54 4.40 -16.47	58.24 4.31 -11.21	51.51 3.93 -7.91	44.05 3.28 -6.63	41.07 3.04 -4.66	39.60 3.02 -3.38	38.94 2.89 -2.40
DERFIELD_115KV_TB7 355931	29.68 0.09 -0.09	28.11 0.08 -0.09	27.97 0.08 -0.07	27.26 0.08 -0.09	28.15 0.08 -0.08	30.25 0.12 -0.11	43.15 0.21 0.00	44.52 0.22 -0.25	35.99 0.21 -0.23	32.82 0.19 -0.18	32.11 0.19 -0.22	30.06 0.15 -0.26	29.69 0.12 -0.27	29.13 0.09 -0.30	27.37 0.08 -0.43	27.45 0.11 -0.51	27.91 0.13 -0.87	43.97 0.21 -1.08	43.70 0.21 -0.77	40.45 0.24 -0.54	34.76 0.17 -0.45	33.89 0.20 -0.32	33.62 0.20 -0.23	34.02 0.20 -0.17
DOGLEVILLE___HYD 23807	30.10 0.50 -0.09	28.45 0.42 -0.09	28.31 0.42 -0.07	27.62 0.43 -0.09	28.52 0.45 -0.08	30.70 0.57 -0.11	43.93 0.99 0.00	45.27 0.97 -0.25	36.56 0.78 -0.24	33.28 0.65 -0.18	32.55 0.63 -0.23	30.45 0.53 -0.27	30.02 0.44 -0.27	29.42 0.37 -0.30	27.61 0.32 -0.44	27.72 0.38 -0.51	28.21 0.43 -0.87	44.48 0.72 -1.08	44.26 0.77 -0.77	40.97 0.75 -0.54	35.24 0.65 -0.45	34.39 0.70 -0.32	34.22 0.80 -0.23	34.66 0.84 -0.16
DUNKIRK___115KV_TB_200 55889	29.17 -1.18 -0.84	27.66 -1.20 -0.92	27.22 -1.25 -0.65	26.78 -1.17 -0.85	27.57 -1.20 -0.78	30.09 -1.05 -1.13	41.69 -1.25 0.00	44.20 -2.33 -2.48	36.17 -1.67 -2.30	32.95 -1.27 -1.76	32.53 -1.36 -2.20	31.04 -1.19 -2.58	30.96 -1.00 -2.66	30.74 -0.95 -2.94	30.02 -1.05 -4.22	30.94 -0.86 -4.96	34.17 -1.13 -8.39	46.62 -1.83 -5.78	48.18 -1.96 -7.43	43.16 -1.75 -5.24	37.31 -1.23 -4.39	35.29 -1.17 -3.09	34.50 -0.93 -2.24	34.53 -0.71 -1.59
DUNKIRK___1 23563	29.17 -1.18 -0.84	27.66 -1.20 -0.92	27.22 -1.25 -0.65	26.78 -1.17 -0.85	27.57 -1.20 -0.78	30.09 -1.05 -1.13	41.69 -1.25 0.00	44.20 -2.33 -2.48	36.17 -1.67 -2.30	32.95 -1.27 -1.76	32.53 -1.36 -2.20	31.04 -1.19 -2.58	30.96 -1.00 -2.66	30.74 -0.95 -2.94	30.02 -1.05 -4.22	30.94 -0.86 -4.96	34.17 -1.13 -8.39	46.62 -1.83 -5.78	48.18 -1.96 -7.43	43.16 -1.75 -5.24	37.31 -1.23 -4.39	35.29 -1.17 -3.09	34.50 -0.93 -2.24	34.53 -0.71 -1.59
DUNKIRK___2 23564	29.17 -1.18 -0.84	27.66 -1.20 -0.92	27.22 -1.25 -0.65	26.78 -1.17 -0.85	27.57 -1.20 -0.78	30.09 -1.05 -1.13	41.69 -1.25 0.00	44.20 -2.33 -2.48	36.17 -1.67 -2.30	32.95 -1.27 -1.76	32.53 -1.36 -2.20	31.04 -1.19 -2.58	30.96 -1.00 -2.66	30.74 -0.95 -2.94	30.02 -1.05 -4.22	30.94 -0.86 -4.96	34.17 -1.13 -8.39	46.62 -1.83 -5.78	48.18 -1.96 -7.43	43.16 -1.75 -5.24	37.31 -1.23 -4.39	35.29 -1.17 -3.09	34.50 -0.93 -2.24	34.53 -0.71 -1.59
DUNKIRK___3 23565	29.15 -1.21 -0.85	27.60 -1.26 -0.93	27.16 -1.31 -0.65	26.76 -1.19 -0.85	27.54 -1.23 -0.78	30.07 -1.08 -1.13	41.69 -1.25 0.00	44.11 -2.42 -2.48	36.14 -1.71 -2.30	32.89 -1.33 -1.77	32.50 -1.39 -2.20	31.01 -1.22 -2.58	30.94 -1.03 -2.66	30.72 -0.98 -2.94	30.01 -1.07 -4.23	30.89 -0.91 -4.97	34.13 -1.18 -8.41	46.58 -1.92 -5.83	48.06 -2.09 -7.44	43.09 -1.82 -5.25	37.21 -1.33 -4.40	35.19 -1.27 -3.09	34.37 -1.06 -2.24	34.40 -0.84 -1.59
DUNKIRK___4 23566	29.08 -1.27 -0.84	27.56 -1.28 -0.91	27.13 -1.34 -0.64	26.69 -1.25 -0.84	27.48 -1.29 -0.77	29.99 -1.14 -1.12	41.61 -1.33 0.00	43.99 -2.51 -2.45	36.04 -1.78 -2.27	32.83 -1.36 -1.74	32.44 -1.43 -2.17	30.92 -1.27 -2.55	30.84 -1.08 -2.63	30.62 -1.03 -2.91	29.90 -1.13 -4.17	30.80 -0.94 -4.90	34.00 -1.21 -8.30	46.09 -2.01 -5.42	47.93 -2.14 -7.35	42.95 -1.90 -5.18	37.12 -1.37 -4.35	35.12 -1.30 -3.06	34.31 -1.10 -2.22	34.38 -0.84 -1.57
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.85 1.86 -3.48	33.45 1.70 -3.81	32.19 1.70 -2.67	32.27 1.65 -3.52	32.95 1.74 -3.23	36.87 2.19 -4.66	46.24 3.31 0.00	57.84 3.57 -10.22	48.02 2.91 -9.56	42.61 2.82 -7.34	43.57 2.73 -9.15	43.04 2.67 -10.72	42.97 2.61 -11.06	43.51 2.53 -12.23	46.74 2.34 -17.55	49.77 2.31 -20.63	68.10 2.42 -38.77	90.06 3.67 -43.71	77.51 3.63 -31.16	64.98 3.33 -21.97	55.26 2.70 -18.42	49.00 2.67 -12.96	45.32 2.72 -9.40	43.04 2.73 -6.67
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.44 1.53 -3.40	33.08 1.42 -3.72	31.79 1.36 -2.60	31.88 1.35 -3.43	32.54 1.40 -3.15	36.40 1.83 -4.55	45.64 2.71 0.00	56.80 2.78 -9.98	47.02 2.24 -9.24	41.68 2.14 -7.09	42.60 2.06 -8.85	42.00 1.99 -10.36	41.99 1.99 -10.69	42.52 1.95 -11.82	45.59 1.77 -16.96	48.57 1.80 -19.94	62.13 1.83 -33.40	87.78 2.86 -42.25	75.66 2.82 -30.12	63.49 2.58 -21.24	54.11 2.15 -17.81	48.00 2.10 -12.53	44.40 2.12 -9.09	42.21 2.12 -6.44
E179THST_138_KV_TB4_REV_LBMP_J 345001	35.09 2.10 -3.48	33.64 1.90 -3.81	32.33 1.84 -2.67	32.37 1.76 -3.52	33.06 1.85 -3.23	36.93 2.25 -4.66	46.07 3.13 0.00	57.67 3.39 -10.22	47.91 2.81 -9.56	42.61 2.82 -7.34	43.57 2.73 -9.15	43.04 2.67 -10.72	42.97 2.61 -11.06	43.51 2.53 -12.23	46.74 2.34 -17.55	49.75 2.28 -20.63	68.15 2.48 -38.77	90.14 3.76 -43.72	77.51 3.63 -31.16	64.98 3.33 -21.97	55.20 2.63 -18.42	48.97 2.64 -12.96	45.42 2.82 -9.40	43.28 2.96 -6.67
E179THST_13_KV_LOAD 356214	35.21 2.21 -3.48	33.76 2.01 -3.81	32.41 1.92 -2.67	32.46 1.84 -3.52	33.15 1.93 -3.23	37.05 2.37 -4.66	46.24 3.31 0.00	57.89 3.61 -10.22	48.09 2.99 -9.56	42.77 2.99 -7.34	43.70 2.85 -9.15	43.19 2.82 -10.72	43.12 2.75 -11.06	43.65 2.67 -12.23	46.88 2.47 -17.55	49.88 2.42 -20.63	68.28 2.61 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.16	65.22 3.57 -21.97	55.37 2.80 -18.42	49.13 2.80 -12.96	45.58 2.99 -9.40	43.45 3.13 -6.67

EAST HAMPTON___GT 23717	38.11 4.54 -4.05	36.43 4.13 -4.36	35.21 4.09 -3.29	35.20 3.96 -4.14	35.89 4.14 -3.76	40.16 5.01 -5.13	54.44 7.56 -3.95	66.32 7.84 -14.43	55.10 6.15 -13.41	45.94 5.74 -7.74	46.65 5.48 -9.48	48.34 5.25 -13.44	47.70 5.22 -13.18	50.33 5.06 -16.52	54.52 4.73 -22.94	63.83 4.89 -32.11	86.45 5.14 -54.41	121.88 8.19 -71.01	101.55 8.20 -50.63	90.30 7.54 -43.09	75.68 6.18 -35.36	66.90 5.87 -27.66	53.61 6.01 -14.41	49.59 5.96 -9.98
EAST RIVER___6 23660	34.79 1.80 -3.48	33.42 1.68 -3.81	32.13 1.61 -2.69	32.24 1.60 -3.54	32.89 1.65 -3.25	36.88 2.16 -4.70	46.20 3.26 0.00	57.88 3.53 -10.30	48.05 2.95 -9.56	42.74 2.95 -7.34	43.71 2.85 -9.16	43.22 2.85 -10.73	43.16 2.79 -11.07	43.68 2.70 -12.24	46.88 2.47 -17.56	49.89 2.42 -20.64	68.19 2.50 -38.78	90.19 3.80 -43.72	77.58 3.71 -31.15	65.01 3.37 -21.97	55.23 2.66 -18.42	49.03 2.70 -12.96	45.35 2.75 -9.40	43.07 2.76 -6.66
EAST RIVER___7 23524	34.79 1.80 -3.48	33.42 1.68 -3.81	32.13 1.61 -2.69	32.24 1.60 -3.54	32.89 1.65 -3.25	36.88 2.16 -4.70	46.20 3.26 0.00	57.88 3.53 -10.30	48.05 2.95 -9.56	42.74 2.95 -7.34	43.71 2.85 -9.16	43.22 2.85 -10.73	43.16 2.79 -11.07	43.68 2.70 -12.24	46.88 2.47 -17.56	49.89 2.42 -20.64	68.19 2.50 -38.78	90.19 3.80 -43.72	77.58 3.71 -31.15	65.01 3.37 -21.97	55.23 2.66 -18.42	49.03 2.70 -12.96	45.35 2.75 -9.40	43.07 2.76 -6.66
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.79 1.80 -3.48	33.41 1.68 -3.80	32.16 1.67 -2.66	32.23 1.63 -3.51	32.92 1.71 -3.22	36.83 2.16 -4.66	46.16 3.22 0.00	57.74 3.48 -10.20	47.90 2.81 -9.55	42.50 2.73 -7.33	43.47 2.63 -9.14	42.93 2.58 -10.71	42.87 2.52 -11.05	43.40 2.44 -12.21	46.64 2.26 -17.53	49.67 2.23 -20.60	68.24 2.31 -39.02	89.87 3.54 -43.66	77.34 3.50 -31.12	64.83 3.21 -21.94	55.17 2.63 -18.40	48.88 2.57 -12.94	45.20 2.62 -9.39	42.96 2.66 -6.66
EAST_HAMPTON___DIESEL 23722	38.14 4.57 -4.05	36.46 4.16 -4.36	35.23 4.12 -3.29	35.20 3.96 -4.14	35.89 4.14 -3.76	40.16 5.01 -5.13	54.49 7.60 -3.95	66.32 7.84 -14.43	55.10 6.15 -13.41	45.94 5.74 -7.74	46.68 5.51 -9.48	48.37 5.28 -13.44	47.70 5.22 -13.18	50.33 5.06 -16.52	54.55 4.75 -22.94	63.83 4.89 -32.11	86.45 5.14 -54.41	121.88 8.19 -71.01	101.55 8.20 -50.63	90.34 7.58 -43.09	75.68 6.18 -35.36	66.93 5.91 -27.66	53.61 6.01 -14.41	49.62 5.99 -9.98
EAST_PULASKI___ESR 323781	29.60 -0.41 -0.50	28.03 -0.45 -0.55	27.76 -0.45 -0.38	27.17 -0.43 -0.51	28.01 -0.45 -0.46	30.14 -0.54 -0.67	42.25 -0.69 0.00	44.95 -0.57 -1.47	36.48 -0.43 -1.36	33.07 -0.42 -1.05	32.62 -0.38 -1.31	30.82 -0.36 -1.53	30.53 -0.35 -1.58	30.18 -0.32 -1.74	29.09 -0.27 -2.50	29.54 -0.24 -2.94	31.80 -0.22 -5.11	48.77 -0.26 -6.36	47.03 -0.21 -4.53	42.75 -0.12 -3.19	36.65 -0.17 -2.68	35.02 -0.23 -1.88	34.26 -0.30 -1.37	34.25 -0.37 -0.97
EAST_RIVER___1 323558	34.82 1.83 -3.48	33.42 1.68 -3.81	32.15 1.64 -2.69	32.27 1.63 -3.54	32.92 1.68 -3.25	36.90 2.19 -4.70	46.24 3.31 0.00	57.92 3.57 -10.30	47.98 2.88 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.16	43.16 2.79 -10.73	43.10 2.73 -11.07	43.63 2.64 -12.24	46.86 2.44 -17.56	49.86 2.39 -20.64	68.19 2.50 -38.78	90.19 3.80 -43.72	77.58 3.71 -31.15	65.01 3.37 -21.97	55.26 2.70 -18.42	49.03 2.70 -12.96	45.38 2.79 -9.40	43.10 2.79 -6.66
EAST_RIVER___2 323559	34.79 1.80 -3.48	33.42 1.68 -3.81	32.13 1.61 -2.69	32.24 1.60 -3.54	32.89 1.65 -3.25	36.88 2.16 -4.70	46.20 3.26 0.00	57.88 3.53 -10.30	48.05 2.95 -9.56	42.74 2.95 -7.34	43.71 2.85 -9.16	43.22 2.85 -10.73	43.16 2.79 -11.07	43.68 2.70 -12.24	46.88 2.47 -17.56	49.89 2.42 -20.64	68.19 2.50 -38.78	90.19 3.80 -43.72	77.58 3.71 -31.15	65.01 3.37 -21.97	55.23 2.66 -18.42	49.03 2.70 -12.96	45.35 2.75 -9.40	43.07 2.76 -6.66
EAST___DELAWARE_HYD 23607	33.49 0.80 -3.18	32.09 0.67 -3.48	30.90 0.64 -2.44	30.95 0.65 -3.21	31.63 0.70 -2.95	35.38 1.11 -4.26	44.74 1.80 0.00	55.10 1.72 -9.33	45.59 1.38 -8.66	40.43 1.33 -6.65	41.22 1.23 -8.29	40.58 1.22 -9.71	40.56 1.23 -10.02	41.04 1.21 -11.08	43.86 1.10 -15.90	46.01 0.48 -18.69	58.87 0.54 -31.43	83.20 0.90 -39.63	71.76 0.81 -28.24	60.30 0.71 -19.91	51.40 0.54 -16.71	46.51 1.40 -11.75	43.14 1.43 -8.52	41.07 1.38 -6.04
EIGHT_POINT___WT_PWR 323820	30.01 -0.47 -0.97	28.50 -0.50 -1.06	28.09 -0.47 -0.74	27.59 -0.49 -0.98	28.36 -0.53 -0.90	30.96 -0.36 -1.30	42.51 -0.43 0.00	45.81 -1.10 -2.85	37.48 -0.71 -2.65	33.90 -0.58 -2.03	33.56 -0.67 -2.54	32.05 -0.56 -2.97	31.90 -0.47 -3.06	31.79 -0.34 -3.39	31.26 -0.46 -4.86	32.31 -0.24 -5.71	36.05 -0.48 -9.63	72.04 -0.64 -30.01	50.34 -0.90 -8.52	44.97 -0.71 -6.01	38.84 -0.34 -5.04	36.61 -0.30 -3.54	35.50 -0.27 -2.57	35.37 -0.10 -1.82
ELBRIDGE_115KV_TB2 80188	29.99 -0.18 -0.65	28.45 -0.20 -0.71	28.13 -0.19 -0.50	27.54 -0.22 -0.66	28.40 -0.20 -0.61	30.62 -0.27 -0.88	42.51 -0.43 0.00	45.66 -0.31 -1.92	37.14 -0.18 -1.78	33.72 -0.10 -1.36	33.33 -0.06 -1.70	31.61 -0.03 -1.99	31.36 0.00 -2.06	31.05 0.03 -2.27	30.12 0.00 -3.26	30.73 0.05 -3.84	33.55 0.03 -6.61	51.40 0.00 -8.72	48.57 0.00 -5.86	43.80 0.00 -4.13	37.60 0.00 -3.46	35.77 -0.03 -2.44	34.86 -0.10 -1.77	34.77 -0.13 -1.25
ELEC_TRO_TEK 24086	39.67 2.48 -7.68	38.21 2.29 -7.99	37.32 2.28 -7.22	37.35 2.22 -8.04	37.35 2.32 -7.04	40.66 2.82 -7.82	51.44 4.12 -4.38	62.80 4.41 -14.34	52.64 3.55 -13.55	46.20 3.47 -10.28	44.58 3.23 -9.65	46.24 3.14 -13.45	46.20 3.08 -13.82	48.25 2.99 -16.51	52.55 2.77 -22.93	61.70 2.76 -32.09	84.13 2.83 -54.40	118.04 4.35 -71.01	97.62 4.27 -50.63	86.69 3.93 -43.09	72.76 3.24 -35.37	77.06 3.24 -40.46	50.94 3.35 -14.39	47.00 3.36 -9.98
ELLENBURG_WT_PWR 323604	28.89 -0.62 0.00	27.49 -0.45 0.00	27.38 -0.45 0.00	26.64 -0.46 0.00	27.54 -0.45 0.00	29.59 -0.42 0.00	42.47 -0.47 0.00	43.30 -0.75 0.00	34.48 -1.07 0.00	31.06 -1.39 0.00	30.01 -1.68 0.00	0.90 -1.78 26.97	-7.00 -1.76 34.55	-7.00 -1.72 34.03	-7.03 -1.61 32.27	-7.06 -1.69 32.20	-7.06 -1.64 32.32	-6.41 -2.48 46.61	-6.42 -2.56 46.57	-6.66 -2.38 43.95	-6.95 -2.01 39.08	0.71 -1.90 30.76	0.82 -1.93 30.44	31.73 -1.92 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.88 -1.45 -0.82	27.37 -1.45 -0.89	26.95 -1.50 -0.63	26.51 -1.41 -0.82	27.32 -1.43 -0.76	29.79 -1.32 -1.09	41.13 -1.80 0.00	43.45 -3.00 -2.40	35.67 -2.10 -2.22	32.53 -1.62 -1.71	32.14 -1.68 -2.13	30.66 -1.48 -2.49	30.58 -1.29 -2.57	30.38 -1.21 -2.84	29.65 -1.29 -4.08	30.53 -1.10 -4.79	33.61 -1.43 -8.13	45.56 -2.43 -5.32	47.35 -2.56 -7.20	42.45 -2.30 -5.08	36.69 -1.71 -4.26	34.69 -1.67 -2.99	33.90 -1.46 -2.17	33.98 -1.21 -1.54
EMPIRE_CC_1 323656	34.91 1.21 -4.19	33.68 1.17 -4.58	32.20 1.17 -3.21	32.46 1.14 -4.23	33.05 1.18 -3.88	37.00 1.38 -5.61	44.83 1.89 0.00	58.11 1.76 -12.29	48.41 1.46 -11.41	42.54 1.33 -8.76	44.08 1.46 -10.93	43.81 1.36 -12.80	43.85 1.35 -13.21	44.67 1.32 -14.60	49.06 1.26 -20.95	52.72 1.26 -24.62	70.47 1.13 -42.44	96.48 1.66 -52.15	81.67 1.79 -37.16	67.58 1.70 -26.21	57.75 1.57 -22.04	50.36 1.54 -15.46	46.10 1.69 -11.21	43.31 1.72 -7.95

EMPIRE_CC_2 323658	34.91 1.21 -4.19	33.68 1.17 -4.58	32.20 1.17 -3.21	32.46 1.14 -4.23	33.05 1.18 -3.88	37.00 1.38 -5.61	44.83 1.89 0.00	58.11 1.76 -12.29	48.41 1.46 -11.41	42.54 1.33 -8.76	44.08 1.46 -10.93	43.81 1.36 -12.80	43.85 1.35 -13.21	44.67 1.32 -14.60	49.06 1.26 -20.95	52.72 1.26 -24.62	70.47 1.13 -42.44	96.48 1.66 -52.15	81.67 1.79 -37.16	67.58 1.70 -26.21	57.75 1.57 -22.04	50.36 1.54 -15.46	46.10 1.69 -11.21	43.31 1.72 -7.95
ENORWICH_115KV_TB1 80156	32.70 2.04 -1.15	30.93 1.73 -1.26	30.38 1.67 -0.88	29.99 1.73 -1.16	30.88 1.82 -1.07	33.84 2.28 -1.54	47.53 4.59 0.00	52.28 4.85 -3.38	42.59 3.91 -3.13	38.13 3.28 -2.41	37.93 3.23 -3.00	36.04 2.88 -3.52	35.57 2.64 -3.63	35.32 2.56 -4.01	34.92 2.31 -5.75	36.20 2.60 -6.76	41.23 2.83 -11.50	63.25 4.95 -15.63	57.93 4.91 -10.31	51.42 4.48 -7.27	43.99 3.76 -6.10	41.13 3.47 -4.29	39.72 3.42 -3.11	39.12 3.26 -2.20
ERIE_ST__34_KV_TB1-2 80199	28.81 -1.53 -0.83	27.28 -1.56 -0.91	26.85 -1.61 -0.64	26.44 -1.49 -0.84	27.25 -1.51 -0.77	29.74 -1.38 -1.11	41.65 -1.29 0.00	43.67 -2.82 -2.44	35.81 -1.99 -2.26	32.63 -1.56 -1.73	32.24 -1.62 -2.16	30.73 -1.45 -2.53	30.63 -1.29 -2.61	30.43 -1.21 -2.89	29.71 -1.29 -4.15	30.61 -1.10 -4.87	33.79 -1.37 -8.26	46.51 -2.05 -5.89	47.59 -2.43 -7.31	42.65 -2.18 -5.16	36.79 -1.67 -4.33	34.77 -1.64 -3.04	33.94 -1.46 -2.21	33.97 -1.25 -1.56
ERIE_WT_PWR 323693	29.01 -1.33 -0.83	27.50 -1.34 -0.90	27.09 -1.36 -0.63	26.63 -1.30 -0.83	27.41 -1.34 -0.76	29.92 -1.20 -1.10	41.35 -1.59 0.00	43.56 -2.91 -2.42	35.85 -1.92 -2.23	32.61 -1.56 -1.71	32.28 -1.55 -2.14	30.82 -1.33 -2.50	30.68 -1.20 -2.58	30.48 -1.12 -2.86	29.77 -1.18 -4.10	30.66 -0.99 -4.82	33.83 -1.29 -8.21	45.92 -2.22 -5.47	47.67 -2.35 -7.30	42.72 -2.10 -5.15	36.92 -1.54 -4.32	34.90 -1.50 -3.04	34.10 -1.29 -2.20	34.17 -1.04 -1.56
ESPRGFLD_115KV_TB1 80157	30.55 1.12 0.09	28.82 0.98 0.09	28.68 0.92 0.07	27.93 0.92 0.09	28.95 1.04 0.08	31.25 1.35 0.11	45.34 2.40 0.00	46.27 2.47 0.25	37.27 1.95 0.23	33.96 1.69 0.18	33.06 1.58 0.22	30.81 1.42 0.26	30.41 1.38 0.27	29.81 1.35 0.29	27.62 1.18 0.42	27.66 1.32 0.49	27.63 1.43 0.70	44.26 2.60 1.02	44.47 2.48 0.72	41.42 2.26 0.51	36.22 1.95 -0.13	34.90 1.84 0.30	34.60 1.63 0.22	35.01 1.51 0.16
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.09 0.59 -0.99	29.55 0.53 -1.08	29.11 0.53 -0.76	28.58 0.49 -1.00	29.41 0.50 -0.92	32.00 0.66 -1.32	44.14 1.20 0.00	48.27 1.32 -2.90	39.37 1.14 -2.69	35.52 1.01 -2.06	35.25 0.98 -2.57	33.61 0.95 -3.01	33.32 0.91 -3.11	33.14 0.95 -3.44	32.65 0.86 -4.94	33.60 0.97 -5.80	37.74 1.00 -9.84	58.59 1.66 -14.25	53.15 1.62 -8.81	47.36 1.47 -6.22	40.62 1.26 -5.21	38.20 1.17 -3.67	36.91 1.06 -2.66	36.54 1.01 -1.89
ETNA_____115KV_TB2 80207	31.09 0.59 -0.99	29.55 0.53 -1.08	29.11 0.53 -0.76	28.58 0.49 -1.00	29.41 0.50 -0.92	32.00 0.66 -1.32	44.14 1.20 0.00	48.27 1.32 -2.90	39.37 1.14 -2.69	35.52 1.01 -2.06	35.25 0.98 -2.57	33.61 0.95 -3.01	33.32 0.91 -3.11	33.14 0.95 -3.44	32.65 0.86 -4.94	33.60 0.97 -5.80	37.74 1.00 -9.84	58.59 1.66 -14.25	53.15 1.62 -8.81	47.36 1.47 -6.22	40.62 1.26 -5.21	38.20 1.17 -3.67	36.91 1.06 -2.66	36.54 1.01 -1.89
EUCLID___115KV_TB2 356179	29.68 -0.41 -0.58	28.15 -0.42 -0.64	27.85 -0.42 -0.45	27.25 -0.43 -0.59	28.11 -0.42 -0.54	30.25 -0.54 -0.78	42.04 -0.90 0.00	44.88 -0.88 -1.71	36.52 -0.60 -1.58	33.18 -0.49 -1.21	32.76 -0.44 -1.51	31.07 -0.36 -1.77	30.81 -0.32 -1.83	30.48 -0.29 -2.02	29.49 -0.27 -2.90	29.98 -0.27 -3.41	32.47 -0.30 -5.86	49.41 -0.55 -7.29	47.40 -0.51 -5.19	42.86 -0.48 -3.66	36.80 -0.41 -3.07	35.10 -0.43 -2.16	34.26 -0.50 -1.57	34.26 -0.50 -1.11
E_CANADA_CAP_HY 24051	36.45 1.53 -5.41	35.24 1.40 -5.91	33.27 1.31 -4.14	33.85 1.30 -5.46	34.45 1.45 -5.01	39.05 1.80 -7.24	46.03 3.09 0.00	62.96 3.04 -15.87	52.69 2.42 -14.73	45.70 1.95 -11.30	47.57 1.77 -14.10	47.74 1.57 -16.52	47.87 1.52 -17.04	49.11 1.52 -18.84	55.21 1.32 -27.04	60.09 1.48 -31.78	82.94 1.64 -54.39	113.09 3.11 -67.31	93.63 2.95 -47.97	76.20 2.70 -33.82	65.15 2.42 -28.59	55.69 2.37 -19.95	49.66 1.99 -14.47	45.79 1.88 -10.26
E_CANADA_MHWK_HY 24050	30.10 0.50 -0.09	28.45 0.42 -0.09	28.31 0.42 -0.07	27.62 0.43 -0.09	28.52 0.45 -0.08	30.70 0.57 -0.11	43.93 0.99 0.00	45.27 0.97 -0.25	36.56 0.78 -0.24	33.28 0.65 -0.18	32.55 0.63 -0.23	30.45 0.53 -0.27	30.02 0.44 -0.27	29.42 0.37 -0.30	27.61 0.32 -0.44	27.72 0.32 -0.51	28.21 0.43 -0.87	44.48 0.72 -1.08	44.26 0.77 -0.77	40.97 0.75 -0.54	35.24 0.65 -0.45	34.39 0.70 -0.32	34.22 0.80 -0.23	34.66 0.84 -0.16
E_FISHKILL___LBMP 23776	34.71 1.65 -3.55	33.35 1.54 -3.88	32.04 1.50 -2.72	32.14 1.46 -3.58	32.82 1.54 -3.29	36.68 1.92 -4.75	45.77 2.83 0.00	57.50 3.04 -10.41	47.67 2.45 -9.68	42.25 2.37 -7.43	43.28 2.31 -9.27	42.73 2.22 -10.86	42.70 2.20 -11.20	43.26 2.13 -12.38	46.59 1.96 -17.77	49.69 1.96 -20.89	65.38 1.99 -36.49	90.01 3.07 -44.27	77.30 3.03 -31.55	64.70 2.78 -22.25	55.09 2.29 -18.66	48.76 2.27 -13.12	45.04 2.32 -9.52	42.72 2.32 -6.75
FALCON___SEABRD_CC1 323796	29.19 -0.32 0.00	27.77 -0.17 0.00	27.68 -0.14 0.00	26.94 -0.16 0.00	27.85 -0.14 0.00	29.95 -0.06 0.00	43.02 0.09 0.00	43.61 -0.44 0.00	34.69 -0.85 0.00	31.22 -1.23 0.00	30.14 -1.55 0.00	0.87 -1.66 27.12	-7.06 -1.61 34.74	-7.06 -1.58 34.22	-7.05 -1.45 32.46	-7.08 -1.53 32.39	-7.08 -1.48 32.51	-6.43 -2.22 46.88	-6.47 -2.35 46.84	-6.75 -2.22 44.20	-6.97 -1.81 39.30	0.86 -1.57 30.94	0.98 -1.59 30.62	32.03 -1.61 0.00
FALCON___SEABRD_CC2 323797	29.19 -0.32 0.00	27.77 -0.17 0.00	27.68 -0.14 0.00	26.94 -0.16 0.00	27.85 -0.14 0.00	29.95 -0.06 0.00	43.02 0.09 0.00	43.61 -0.44 0.00	34.69 -0.85 0.00	31.22 -1.23 0.00	30.14 -1.55 0.00	0.87 -1.66 27.12	-7.06 -1.61 34.74	-7.06 -1.58 34.22	-7.05 -1.45 32.46	-7.08 -1.53 32.39	-7.08 -1.48 32.51	-6.43 -2.22 46.88	-6.47 -2.35 46.84	-6.75 -2.22 44.20	-6.97 -1.81 39.30	0.86 -1.57 30.94	0.98 -1.59 30.62	32.03 -1.61 0.00
FAR ROCKAWAY___4 23548	45.35 2.92 -12.92	43.86 2.71 -13.22	43.40 2.67 -12.91	43.39 2.60 -13.69	42.51 2.71 -11.81	45.01 3.24 -11.76	53.00 4.81 -5.25	63.55 5.15 -14.34	53.46 4.09 -13.84	50.35 3.96 -13.94	45.31 3.71 -9.91	46.71 3.59 -13.48	47.57 3.52 -14.76	48.68 3.42 -16.51	52.98 3.20 -22.93	62.15 3.22 -32.09	84.62 3.31 -54.40	118.80 5.12 -71.01	98.43 5.08 -50.63	87.45 4.68 -43.09	73.42 3.89 -35.39	96.10 3.80 -58.93	51.50 3.92 -14.39	47.57 3.94 -9.98
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.85 1.86 -3.48	33.45 1.70 -3.81	32.19 1.70 -2.67	32.27 1.65 -3.52	32.92 1.71 -3.23	36.90 2.22 -4.66	46.29 3.35 0.00	57.98 3.70 -10.22	48.12 3.02 -9.56	42.81 3.02 -7.34	43.73 2.88 -9.15	43.19 2.82 -10.72	43.12 2.75 -11.06	43.65 2.67 -12.23	46.88 2.47 -17.55	49.88 2.42 -20.63	68.21 2.53 -38.78	90.18 3.80 -43.71	77.63 3.76 -31.16	65.06 3.41 -21.97	55.30 2.73 -18.42	49.06 2.74 -12.96	45.41 2.82 -9.40	43.17 2.86 -6.67

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.85 1.86 -3.48	33.48 1.73 -3.81	32.19 1.70 -2.67	32.27 1.65 -3.52	32.92 1.71 -3.23	36.90 2.22 -4.66	46.29 3.35 0.00	57.98 3.70 -10.22	48.12 3.02 -9.56	42.81 3.02 -7.34	43.73 2.88 -9.15	43.19 2.82 -10.72	43.12 2.75 -11.06	43.65 2.67 -12.23	46.88 2.47 -17.55	49.88 2.42 -20.63	68.21 2.53 -38.78	90.23 3.84 -43.71	77.63 3.76 -31.16	65.06 3.41 -21.97	55.30 2.73 -18.42	49.06 2.74 -12.96	45.41 2.82 -9.40	43.17 2.86 -6.67
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.85 1.86 -3.48	33.45 1.70 -3.81	32.16 1.67 -2.67	32.24 1.63 -3.52	32.92 1.71 -3.23	36.87 2.19 -4.66	46.29 3.35 0.00	57.98 3.70 -10.22	48.12 3.02 -9.56	42.81 3.02 -7.34	43.70 2.85 -9.15	43.19 2.82 -10.72	43.09 2.72 -11.06	43.62 2.64 -12.23	46.85 2.44 -17.55	49.85 2.39 -20.63	68.19 2.50 -38.78	90.18 3.80 -43.71	77.59 3.72 -31.16	65.02 3.37 -21.97	55.26 2.70 -18.42	49.03 2.70 -12.96	45.38 2.79 -9.40	43.14 2.83 -6.67
FARRAGUT___LBMP 323566	34.82 1.83 -3.48	33.42 1.68 -3.81	32.13 1.64 -2.67	32.24 1.63 -3.52	32.90 1.68 -3.23	36.87 2.19 -4.66	46.24 3.31 0.00	57.93 3.66 -10.22	48.09 2.99 -9.56	42.77 2.99 -7.34	43.67 2.82 -9.15	43.16 2.79 -10.72	43.09 2.72 -11.06	43.59 2.62 -12.23	46.82 2.42 -17.55	49.83 2.36 -20.63	68.16 2.48 -38.78	90.14 3.76 -43.71	77.55 3.67 -31.16	65.02 3.37 -21.97	55.23 2.66 -18.42	49.00 2.67 -12.96	45.35 2.75 -9.40	43.11 2.79 -6.67
FENNER___WINDPWR 24204	30.65 0.53 -0.61	29.05 0.45 -0.67	28.73 0.44 -0.47	28.17 0.46 -0.62	29.03 0.48 -0.57	31.40 0.57 -0.82	44.05 1.11 0.00	47.04 1.19 -1.79	38.21 0.99 -1.68	34.61 0.88 -1.29	34.19 0.89 -1.61	32.33 0.80 -1.88	32.00 0.76 -1.94	31.67 0.78 -2.15	30.66 0.73 -3.08	31.24 0.78 -3.62	33.88 0.81 -6.17	51.71 1.37 -7.67	49.49 1.33 -5.44	44.78 1.27 -3.84	38.38 1.02 -3.22	36.57 0.93 -2.26	35.73 0.90 -1.64	35.66 0.84 -1.16
FIBERTEK___ENERGY 23856	30.11 -0.03 -0.63	28.57 -0.06 -0.69	28.22 -0.08 -0.48	27.65 -0.08 -0.64	28.49 -0.08 -0.59	30.71 -0.15 -0.85	42.68 -0.26 0.00	45.82 -0.09 -1.86	37.26 0.00 -1.72	33.80 0.03 -1.32	33.44 0.10 -1.65	31.70 0.12 -1.93	31.44 0.15 -1.99	31.15 0.20 -2.20	30.17 0.16 -3.16	30.74 0.19 -3.71	33.49 0.19 -6.40	50.88 0.26 -7.95	48.64 0.26 -5.67	43.91 0.24 -4.00	37.70 0.20 -3.35	35.86 0.13 -2.36	34.97 0.07 -1.71	34.90 0.03 -1.21
FITZPATRICK____ 23598	29.17 -0.80 -0.46	27.66 -0.78 -0.50	27.40 -0.78 -0.35	26.77 -0.79 -0.46	27.63 -0.78 -0.43	29.64 -0.99 -0.62	41.43 -1.50 0.00	43.82 -1.58 -1.35	35.58 -1.21 -1.25	32.34 -1.07 -0.96	31.87 -1.02 -1.19	30.13 -0.92 -1.40	29.86 -0.88 -1.44	29.48 -0.86 -1.59	28.36 -0.78 -2.29	28.75 -0.78 -2.69	30.68 -0.81 -4.58	47.05 -1.32 -5.70	45.50 -1.28 -4.06	41.31 -1.23 -2.87	35.48 -1.06 -2.40	34.02 -1.03 -1.69	33.35 -1.06 -1.23	33.44 -1.08 -0.87
FLOWRFLD_69_KV_BK1 356044	37.05 3.45 -4.09	35.46 3.13 -4.40	34.22 3.09 -3.31	34.23 2.98 -4.15	34.89 3.13 -3.76	38.98 3.84 -5.12	52.64 5.75 -3.95	64.52 6.12 -14.35	53.78 4.83 -13.41	44.76 4.54 -7.76	45.44 4.28 -9.47	47.17 4.09 -13.43	46.53 4.04 -13.18	49.23 3.97 -16.51	53.49 3.71 -22.93	62.69 3.76 -32.09	85.13 3.82 -54.40	119.70 6.02 -71.01	99.33 5.98 -50.63	88.28 5.51 -43.09	74.15 4.64 -35.36	65.62 4.47 -27.78	52.28 4.68 -14.41	48.28 4.64 -9.98
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.85 1.83 -3.51	33.48 1.70 -3.84	32.18 1.67 -2.69	32.27 1.63 -3.55	32.95 1.71 -3.26	36.88 2.16 -4.70	46.16 3.22 0.00	57.67 3.30 -10.31	47.81 2.70 -9.57	42.36 2.56 -7.35	43.33 2.47 -9.16	42.75 2.37 -10.73	42.75 2.37 -11.08	43.32 2.33 -12.24	46.57 2.15 -17.57	49.69 2.20 -20.65	64.52 2.21 -35.41	89.94 3.50 -43.77	77.33 3.42 -31.20	64.81 3.13 -22.00	55.22 2.63 -18.45	48.91 2.57 -12.98	45.16 2.56 -9.41	42.91 2.59 -6.67
FORT ORANGE____ 23900	34.79 0.97 -4.31	33.59 0.95 -4.71	32.16 1.03 -3.30	32.42 0.97 -4.35	32.99 1.01 -3.99	36.86 1.08 -5.77	44.57 1.63 0.00	58.07 1.37 -12.65	48.49 1.21 -11.74	42.50 1.04 -9.01	43.98 1.04 -11.24	43.74 0.92 -13.17	43.83 0.94 -13.59	44.72 0.95 -15.02	49.32 0.91 -21.56	53.11 0.94 -25.34	71.38 0.83 -43.64	97.83 1.41 -53.75	82.43 1.41 -38.30	67.99 1.31 -27.01	58.17 1.19 -22.83	50.47 1.17 -15.93	45.88 1.13 -11.56	42.99 1.14 -8.19
FORT_DRUM_COGEN 23780	29.62 -0.24 -0.35	28.00 -0.31 -0.38	27.78 -0.31 -0.26	27.20 -0.24 -0.35	28.06 -0.25 -0.32	30.24 -0.24 -0.46	43.02 0.09 0.00	45.33 0.26 -1.02	36.55 0.07 -0.94	33.08 -0.10 -0.72	32.47 -0.13 -0.90	31.72 -0.18 -2.25	31.69 -0.23 -2.62	31.23 -0.23 -2.71	29.91 -0.11 -3.16	30.30 0.00 -3.46	31.99 0.13 -4.95	49.58 0.47 -6.44	48.45 0.56 -5.18	44.61 0.79 -4.15	38.26 0.55 -3.57	36.39 0.37 -2.66	35.75 0.27 -2.29	34.42 0.10 -0.67
FOX_HILLS___ESR 323835	35.03 2.04 -3.48	33.59 1.84 -3.81	32.27 1.78 -2.67	32.32 1.71 -3.52	33.01 1.79 -3.23	36.93 2.25 -4.66	45.99 3.05 0.00	57.58 3.30 -10.22	47.84 2.74 -9.56	42.55 2.76 -7.34	43.51 2.66 -9.15	42.98 2.61 -10.72	42.91 2.55 -11.06	43.45 2.47 -12.23	46.69 2.28 -17.55	49.72 2.25 -20.63	68.15 2.48 -38.77	90.19 3.80 -43.72	77.59 3.72 -31.16	65.02 3.37 -21.97	55.20 2.63 -18.42	48.97 2.64 -12.96	45.45 2.85 -9.40	43.49 3.16 -6.67
FPL_FAR_ROCK_GT1 24212	45.35 2.92 -12.92	43.86 2.71 -13.22	43.42 2.67 -12.93	43.45 2.63 -13.72	42.54 2.71 -11.84	45.05 3.24 -11.79	52.96 4.77 -5.25	63.49 5.02 -14.42	53.36 3.98 -13.84	50.29 3.89 -13.94	45.32 3.71 -9.92	46.72 3.59 -13.48	47.58 3.51 -14.76	48.69 3.42 -16.52	52.99 3.19 -22.94	62.16 3.22 -32.11	84.62 3.31 -54.41	118.80 5.12 -71.01	98.43 5.08 -50.63	87.44 4.68 -43.09	73.42 3.89 -35.39	96.10 3.80 -58.93	51.46 3.88 -14.39	47.57 3.94 -9.98
FPL_FAR_ROCK_GT2 23815	45.35 2.92 -12.92	43.86 2.71 -13.22	43.42 2.67 -12.93	43.45 2.63 -13.72	42.54 2.71 -11.84	45.05 3.24 -11.79	52.96 4.77 -5.25	63.49 5.02 -14.42	53.36 3.98 -13.84	50.29 3.89 -13.94	45.32 3.71 -9.92	46.72 3.59 -13.48	47.58 3.51 -14.76	48.69 3.42 -16.52	52.99 3.19 -22.94	62.16 3.22 -32.11	84.62 3.31 -54.41	118.80 5.12 -71.01	98.43 5.08 -50.63	87.44 4.68 -43.09	73.42 3.89 -35.39	96.10 3.80 -58.93	51.46 3.88 -14.39	47.57 3.94 -9.98
FRANKLIN_FALL_HYD 24054	29.10 -0.41 0.00	27.68 -0.25 0.00	27.63 -0.19 0.00	26.85 -0.24 0.00	27.74 -0.25 0.00	29.77 -0.24 0.00	42.90 -0.04 0.00	43.92 -0.13 0.00	34.90 -0.64 0.00	31.51 -0.94 0.00	30.49 -1.20 0.00	46.93 -1.30 -18.58	51.85 -1.26 -23.81	50.96 -1.24 -23.45	47.97 -1.13 -22.24	47.79 -1.23 -22.19	48.02 -1.16 -22.27	73.26 -1.54 -32.12	73.14 -1.67 -32.09	68.37 -1.59 -30.29	59.74 -1.33 -26.93	53.23 -1.33 -21.20	52.81 -1.36 -20.98	32.27 -1.38 0.00
FREEPORT_EQUS_GT1 23764	39.48 2.74 -7.22	37.98 2.52 -7.53	37.06 2.51 -6.74	37.10 2.44 -7.57	37.18 2.55 -6.64	40.62 3.09 -7.51	51.87 4.55 -4.38	63.24 4.76 -14.43	52.90 3.80 -13.56	46.07 3.67 -9.96	44.81 3.49 -9.63	46.48 3.38 -13.46	46.36 3.31 -13.75	48.52 3.25 -16.52	52.80 3.01 -22.94	61.87 2.93 -32.11	84.32 3.01 -54.41	118.34 4.65 -71.01	97.79 4.44 -50.63	86.85 4.09 -43.09	72.89 3.38 -35.37	75.77 3.57 -38.83	51.27 3.68 -14.40	47.33 3.70 -9.98

FREEPORT___CT2 23818	39.48 2.74 -7.22	37.98 2.52 -7.53	37.06 2.51 -6.74	37.10 2.44 -7.57	37.18 2.55 -6.64	40.62 3.09 -7.51	51.87 4.55 -4.38	63.24 4.76 -14.43	52.90 3.80 -13.56	46.07 3.67 -9.96	44.81 3.49 -9.63	46.48 3.38 -13.46	46.36 3.31 -13.75	48.52 3.25 -16.52	52.80 3.01 -22.94	61.87 2.93 -32.11	84.32 3.01 -54.41	118.34 4.65 -71.01	97.79 4.44 -50.63	86.85 4.09 -43.09	72.89 3.38 -35.37	75.77 3.57 -38.83	51.27 3.68 -14.40	47.33 3.70 -9.98
FRESHKLS_33_KV_LOAD 356253	35.03 2.04 -3.48	33.59 1.84 -3.81	32.27 1.78 -2.67	32.35 1.73 -3.52	33.01 1.79 -3.23	36.93 2.25 -4.66	45.86 2.92 0.00	57.44 3.17 -10.22	47.72 2.63 -9.55	42.44 2.66 -7.33	43.37 2.54 -9.15	42.85 2.49 -10.71	42.80 2.43 -11.06	43.33 2.36 -12.23	46.61 2.20 -17.55	49.61 2.15 -20.62	68.06 2.39 -38.76	90.05 3.67 -43.71	77.46 3.59 -31.15	64.93 3.29 -21.97	55.08 2.53 -18.42	48.82 2.50 -12.95	45.42 2.82 -9.40	43.52 3.20 -6.67
FULTON COGEN____ 23766	29.62 -0.44 -0.55	28.06 -0.47 -0.60	27.77 -0.47 -0.42	27.19 -0.46 -0.55	28.02 -0.48 -0.51	30.15 -0.60 -0.74	42.04 -0.90 0.00	44.87 -0.79 -1.61	36.47 -0.57 -1.49	33.11 -0.49 -1.15	32.71 -0.41 -1.43	30.97 -0.36 -1.68	30.68 -0.35 -1.73	30.37 -0.29 -1.91	29.33 -0.27 -2.74	29.82 -0.24 -3.22	32.24 -0.27 -5.61	49.21 -0.43 -6.97	47.30 -0.38 -4.97	42.82 -0.36 -3.50	36.73 -0.34 -2.93	35.07 -0.37 -2.07	34.26 -0.43 -1.50	34.24 -0.47 -1.06
FULTON___LFGE 323630	37.52 2.89 -5.12	36.15 2.62 -5.60	34.25 2.51 -3.92	34.75 2.49 -5.17	35.48 2.74 -4.74	40.02 3.15 -6.85	48.05 5.11 0.00	64.27 5.20 -15.02	53.67 4.19 -13.94	46.62 3.47 -10.70	48.18 3.14 -13.35	48.04 2.76 -15.63	48.22 2.79 -16.13	49.28 2.70 -17.83	55.03 2.58 -25.59	59.76 2.84 -30.08	81.49 3.04 -51.54	111.93 5.55 -63.71	93.16 5.04 -45.40	76.33 4.64 -32.02	65.55 4.27 -27.14	56.26 4.00 -18.89	50.24 3.35 -13.70	46.49 3.13 -9.71
G.F.CEMENT___DRP 24184	36.18 2.21 -4.45	34.87 2.07 -4.87	33.21 1.98 -3.41	33.52 1.92 -4.50	34.07 1.96 -4.13	38.20 2.22 -5.96	46.29 3.35 0.00	60.51 3.39 -13.07	50.45 2.77 -12.14	44.07 2.30 -9.32	45.41 2.09 -11.62	45.22 1.96 -13.61	45.31 1.96 -14.05	46.23 1.95 -15.53	50.88 1.75 -22.28	54.72 1.69 -26.19	73.72 1.78 -45.04	101.41 3.24 -55.49	85.26 2.99 -39.55	70.34 2.78 -27.89	60.49 2.56 -23.79	52.19 2.37 -16.45	47.35 2.22 -11.93	44.67 2.56 -8.46
GARDENVILLE___LBMP 24039	28.92 -1.42 -0.83	27.41 -1.42 -0.90	26.98 -1.47 -0.63	26.55 -1.38 -0.83	27.36 -1.40 -0.77	29.83 -1.29 -1.11	41.26 -1.67 0.00	43.57 -2.91 -2.43	35.76 -2.03 -2.25	32.58 -1.59 -1.73	32.23 -1.62 -2.15	30.72 -1.45 -2.52	30.64 -1.26 -2.60	30.44 -1.18 -2.87	29.72 -1.26 -4.13	30.61 -1.07 -4.85	33.73 -1.40 -8.22	45.36 -2.30 -4.99	47.52 -2.48 -7.28	42.58 -2.22 -5.13	36.81 -1.64 -4.31	34.79 -1.60 -3.03	33.99 -1.39 -2.20	34.06 -1.14 -1.56
GARDNVLA_35_KV_LD 355827	29.04 -1.30 -0.83	27.52 -1.31 -0.90	27.09 -1.36 -0.63	26.66 -1.27 -0.83	27.44 -1.32 -0.77	29.95 -1.17 -1.11	41.48 -1.46 0.00	43.79 -2.69 -2.42	35.94 -1.85 -2.25	32.75 -1.43 -1.72	32.39 -1.46 -2.15	30.86 -1.30 -2.52	30.79 -1.11 -2.60	30.59 -1.03 -2.87	29.85 -1.13 -4.12	30.74 -0.94 -4.85	33.88 -1.24 -8.21	46.15 -2.18 -5.65	47.72 -2.26 -7.27	42.78 -2.02 -5.13	36.97 -1.47 -4.30	34.96 -1.43 -3.02	34.12 -1.26 -2.19	34.19 -1.01 -1.56
GELCKHM___115KV_LOAD 80723	29.82 -0.30 -0.60	28.28 -0.31 -0.66	27.98 -0.31 -0.46	27.38 -0.33 -0.61	28.24 -0.31 -0.56	30.40 -0.42 -0.81	42.29 -0.64 0.00	45.20 -0.62 -1.77	36.79 -0.39 -1.64	33.38 -0.32 -1.26	33.01 -0.25 -1.57	31.31 -0.18 -1.84	31.02 -0.18 -1.89	30.73 -0.11 -2.09	29.73 -0.13 -3.01	30.26 -0.11 -3.53	32.85 -0.13 -6.08	49.97 -0.26 -7.55	47.88 -0.21 -5.38	43.23 -0.24 -3.80	37.12 -0.20 -3.18	35.37 -0.23 -2.24	34.52 -0.30 -1.62	34.46 -0.34 -1.15
GENERAL___MILLS 23808	28.98 -1.36 -0.83	27.47 -1.37 -0.90	27.04 -1.42 -0.63	26.60 -1.33 -0.83	27.41 -1.34 -0.77	29.89 -1.23 -1.11	41.39 -1.55 0.00	43.70 -2.78 -2.42	35.83 -1.95 -2.25	32.68 -1.49 -1.72	32.29 -1.55 -2.15	30.80 -1.36 -2.52	30.70 -1.20 -2.60	30.50 -1.12 -2.87	29.80 -1.18 -4.12	30.69 -0.99 -4.85	33.80 -1.32 -8.21	45.89 -2.26 -5.48	47.60 -2.39 -7.27	42.70 -2.10 -5.13	36.87 -1.57 -4.30	34.86 -1.53 -3.03	34.06 -1.33 -2.19	34.13 -1.08 -1.56
GE_PLASTICS___DRP 24183	34.87 1.03 -4.32	33.64 0.98 -4.73	32.16 1.03 -3.31	32.46 1.00 -4.36	33.00 1.01 -4.01	36.94 1.14 -5.79	44.53 1.59 0.00	58.28 1.54 -12.69	48.60 1.28 -11.78	42.66 1.17 -9.04	44.18 1.20 -11.28	43.96 1.10 -13.22	44.05 1.11 -13.64	44.91 1.09 -15.07	49.51 1.02 -21.63	53.31 1.05 -25.43	71.67 1.02 -43.74	98.17 1.62 -53.87	82.73 1.62 -38.39	68.25 1.51 -27.07	58.31 1.33 -22.84	50.64 1.30 -15.97	46.07 1.29 -11.58	43.17 1.31 -8.21
GILBOA___1 23756	33.46 0.94 -3.01	32.09 0.87 -3.29	30.96 0.83 -2.30	30.97 0.84 -3.03	31.64 0.87 -2.78	35.12 1.08 -4.02	44.57 1.63 0.00	54.32 1.45 -8.82	45.05 1.32 -8.19	40.00 1.26 -6.29	40.77 1.23 -7.84	40.02 1.19 -9.19	39.95 1.17 -9.48	40.38 1.15 -10.48	42.94 1.05 -15.04	45.59 1.07 -17.68	58.03 1.00 -30.12	81.61 1.49 -37.44	70.93 1.54 -26.68	59.87 1.39 -18.81	51.18 1.26 -15.77	45.70 1.24 -11.10	42.50 1.26 -8.05	40.63 1.28 -5.71
GILBOA___2 23757	33.46 0.94 -3.01	32.09 0.87 -3.29	30.96 0.83 -2.30	30.97 0.84 -3.03	31.64 0.87 -2.78	35.12 1.08 -4.02	44.57 1.63 0.00	54.32 1.45 -8.82	45.05 1.32 -8.19	40.00 1.26 -6.29	40.77 1.23 -7.84	40.02 1.19 -9.19	39.95 1.17 -9.48	40.38 1.15 -10.48	42.94 1.05 -15.04	45.59 1.07 -17.68	58.03 1.00 -30.12	81.61 1.49 -37.44	70.93 1.54 -26.68	59.87 1.39 -18.81	51.18 1.26 -15.77	45.70 1.24 -11.10	42.50 1.26 -8.05	40.63 1.28 -5.71
GILBOA___3 23758	33.46 0.94 -3.01	32.09 0.87 -3.29	30.96 0.83 -2.30	30.97 0.84 -3.03	31.64 0.87 -2.78	35.12 1.08 -4.02	44.57 1.63 0.00	54.32 1.45 -8.82	45.05 1.32 -8.19	40.00 1.26 -6.29	40.77 1.23 -7.84	40.02 1.19 -9.19	39.95 1.17 -9.48	40.38 1.15 -10.48	42.94 1.05 -15.04	45.59 1.07 -17.68	58.03 1.00 -30.12	81.61 1.49 -37.44	70.93 1.54 -26.68	59.87 1.39 -18.81	51.18 1.26 -15.77	45.70 1.24 -11.10	42.50 1.26 -8.05	40.63 1.28 -5.71
GILBOA___4 23759	33.46 0.94 -3.01	32.09 0.87 -3.29	30.96 0.83 -2.30	30.97 0.84 -3.03	31.64 0.87 -2.78	35.12 1.08 -4.02	44.57 1.63 0.00	54.32 1.45 -8.82	45.05 1.32 -8.19	40.00 1.26 -6.29	40.77 1.23 -7.84	40.02 1.19 -9.19	39.95 1.17 -9.48	40.38 1.15 -10.48	42.94 1.05 -15.04	45.59 1.07 -17.68	58.03 1.00 -30.12	81.61 1.49 -37.44	70.93 1.54 -26.68	59.87 1.39 -18.81	51.18 1.26 -15.77	45.70 1.24 -11.10	42.50 1.26 -8.05	40.63 1.28 -5.71
GILBOA____ 23599	33.46 0.94 -3.01	32.09 0.87 -3.29	30.96 0.83 -2.30	30.94 0.81 -3.03	31.64 0.87 -2.78	35.12 1.08 -4.02	44.48 1.55 0.00	54.32 1.45 -8.82	45.00 1.28 -8.18	39.96 1.23 -6.28	40.77 1.24 -7.84	40.01 1.19 -9.18	39.94 1.17 -9.47	40.37 1.15 -10.47	42.93 1.05 -15.02	45.57 1.07 -17.66	58.00 0.97 -30.12	81.60 1.49 -37.44	70.94 1.54 -26.68	59.88 1.39 -18.82	51.18 1.26 -15.78	45.70 1.23 -11.10	42.50 1.26 -8.05	40.64 1.28 -5.71

GINNA____ 23603	28.28 -1.92 -0.68	26.87 -1.82 -0.75	26.48 -1.86 -0.52	25.97 -1.82 -0.69	26.77 -1.85 -0.63	28.98 -1.95 -0.91	40.02 -2.92 0.00	42.88 -3.17 -2.00	35.12 -2.28 -1.86	31.90 -1.98 -1.43	31.60 -1.87 -1.78	30.04 -1.69 -2.08	29.84 -1.61 -2.15	29.54 -1.58 -2.38	28.76 -1.50 -3.41	29.40 -1.45 -4.01	32.23 -1.51 -6.83	47.91 -2.48 -7.72	46.46 -2.43 -6.18	41.81 -2.22 -4.36	35.92 -1.88 -3.65	34.00 -1.94 -2.57	33.10 -1.96 -1.86	33.05 -1.92 -1.32
GLEN PARK____ 23778	29.72 -0.15 -0.36	28.07 -0.25 -0.39	27.85 -0.25 -0.27	27.30 -0.16 -0.36	28.15 -0.17 -0.33	30.37 -0.12 -0.48	43.20 0.26 0.00	45.63 0.53 -1.05	36.78 0.25 -0.99	33.24 0.03 -0.76	32.64 0.00 -0.95	31.83 -0.06 -2.25	31.78 -0.12 -2.60	31.45 0.00 -2.70	30.03 0.00 -3.18	30.44 0.11 -3.49	32.21 0.30 -5.01	49.93 0.77 -6.49	48.80 0.90 -5.18	44.86 1.07 -4.12	38.47 0.79 -3.55	36.57 0.57 -2.63	35.87 0.43 -2.25	34.58 0.24 -0.69
GLENDALE_27_KV_LOAD 356172	35.09 2.10 -3.48	33.64 1.90 -3.81	32.36 1.86 -2.67	32.40 1.79 -3.52	33.09 1.88 -3.23	37.05 2.37 -4.66	46.42 3.48 0.00	58.11 3.83 -10.22	48.26 3.16 -9.56	42.94 3.15 -7.34	43.86 3.01 -9.15	43.33 2.96 -10.72	43.24 2.87 -11.06	43.79 2.82 -12.23	47.01 2.60 -17.55	50.02 2.55 -20.63	68.42 2.74 -38.77	90.57 4.18 -43.72	77.93 4.06 -31.16	65.37 3.73 -21.97	55.50 2.94 -18.42	49.27 2.94 -12.96	45.65 3.05 -9.40	43.45 3.13 -6.67
GLENWOOD_IC_1_G5 23712	37.88 2.36 -6.01	36.43 2.18 -6.32	35.36 2.14 -5.40	35.44 2.11 -6.23	35.68 2.18 -5.51	39.28 2.70 -6.56	51.05 3.99 -4.12	62.54 4.14 -14.34	52.49 3.48 -13.46	44.93 3.37 -9.11	44.49 3.23 -9.57	46.23 3.14 -13.44	45.90 3.08 -13.53	48.25 2.99 -16.51	52.47 2.69 -22.93	61.59 2.66 -32.09	84.05 2.74 -54.40	117.91 4.22 -71.01	97.54 4.19 -50.63	86.61 3.85 -43.09	72.65 3.14 -35.37	71.02 3.10 -34.55	50.71 3.12 -14.40	46.90 3.26 -9.98
GLENWOOD_IC_2_G1 23688	36.38 2.15 -4.72	34.95 1.98 -5.03	33.82 1.98 -4.02	33.88 1.92 -4.86	34.37 2.02 -4.36	38.13 2.49 -5.63	50.45 3.69 -3.82	62.35 3.88 -14.42	52.04 3.13 -13.37	43.74 3.08 -8.21	44.18 2.98 -9.51	46.00 2.91 -13.44	45.48 2.87 -13.30	48.06 2.79 -16.52	52.35 2.55 -22.94	61.49 2.55 -32.11	83.92 2.61 -54.41	117.70 4.01 -71.01	97.32 3.97 -50.63	86.41 3.65 -43.09	72.47 2.97 -35.36	66.34 2.97 -30.01	50.60 3.02 -14.39	46.66 3.03 -9.98
GLENWOOD_IC_3_G1 23689	36.38 2.15 -4.72	34.95 1.98 -5.03	33.82 1.98 -4.02	33.88 1.92 -4.86	34.37 2.02 -4.36	38.13 2.49 -5.63	50.45 3.69 -3.82	62.35 3.88 -14.42	52.04 3.13 -13.37	43.74 3.08 -8.21	44.18 2.98 -9.51	46.00 2.91 -13.44	45.48 2.87 -13.30	48.06 2.79 -16.52	52.35 2.55 -22.94	61.49 2.55 -32.11	83.92 2.61 -54.41	117.70 4.01 -71.01	97.32 3.97 -50.63	86.41 3.65 -43.09	72.47 2.97 -35.36	66.34 2.97 -30.01	50.60 3.02 -14.39	46.66 3.03 -9.98
GLENWOOD____4 23550	37.88 2.36 -6.01	36.43 2.18 -6.32	35.36 2.14 -5.40	35.44 2.11 -6.23	35.68 2.18 -5.51	39.28 2.70 -6.56	51.05 3.99 -4.12	62.58 4.18 -14.34	52.49 3.48 -13.46	44.93 3.37 -9.11	44.49 3.23 -9.57	46.23 3.14 -13.44	45.90 3.08 -13.53	48.25 2.99 -16.51	52.50 2.71 -22.93	61.62 2.68 -32.09	84.11 2.80 -54.40	117.99 4.31 -71.01	97.58 4.23 -50.63	86.65 3.89 -43.09	72.69 3.18 -35.37	71.06 3.14 -34.55	50.77 3.19 -14.40	46.90 3.26 -9.98
GLENWOOD____5 23614	37.88 2.36 -6.01	36.43 2.18 -6.32	35.36 2.14 -5.40	35.44 2.11 -6.23	35.68 2.18 -5.51	39.28 2.70 -6.56	51.05 3.99 -4.12	62.58 4.18 -14.34	52.49 3.48 -13.46	44.93 3.37 -9.11	44.49 3.23 -9.57	46.23 3.14 -13.44	45.90 3.08 -13.53	48.25 2.99 -16.51	52.50 2.71 -22.93	61.62 2.68 -32.09	84.11 2.80 -54.40	117.99 4.31 -71.01	97.58 4.23 -50.63	86.65 3.89 -43.09	72.69 3.18 -35.37	71.06 3.14 -34.55	50.77 3.19 -14.40	46.90 3.26 -9.98
GLOBAL GREEN_PORT_GT1 23814	38.05 4.48 -4.05	36.38 4.08 -4.36	35.15 4.03 -3.29	35.14 3.90 -4.14	35.83 4.09 -3.76	40.07 4.92 -5.13	54.35 7.47 -3.95	66.19 7.71 -14.43	55.03 6.08 -13.41	45.87 5.68 -7.74	46.59 5.42 -9.48	48.28 5.19 -13.44	47.61 5.13 -13.18	50.27 5.00 -16.52	54.47 4.67 -22.94	63.77 4.83 -32.11	86.40 5.09 -54.41	121.80 8.11 -71.01	101.46 8.12 -50.63	90.22 7.46 -43.09	75.61 6.11 -35.36	66.83 5.81 -27.66	53.54 5.94 -14.41	49.52 5.89 -9.98
GLOBE____DSASP 323697	28.15 -2.15 -0.79	26.67 -2.12 -0.86	26.26 -2.17 -0.60	25.83 -2.06 -0.80	26.62 -2.10 -0.73	28.97 -2.10 -1.06	39.72 -3.22 0.00	42.01 -4.36 -2.32	34.56 -3.13 -2.15	31.57 -2.53 -1.65	31.21 -2.54 -2.06	29.77 -2.28 -2.41	29.68 -2.11 -2.49	29.51 -1.98 -2.75	28.73 -2.07 -3.94	29.59 -1.88 -4.63	32.56 -2.21 -7.86	45.65 -3.16 -6.13	45.75 -3.93 -6.96	41.01 -3.57 -4.91	35.46 -2.80 -4.12	33.63 -2.64 -2.90	32.87 -2.42 -2.10	33.05 -2.09 -1.49
GOETHSLN____LBMP 323567	34.68 1.68 -3.48	33.31 1.56 -3.81	32.02 1.53 -2.67	32.10 1.49 -3.52	32.78 1.57 -3.23	36.72 2.04 -4.66	46.03 3.09 0.00	57.71 3.44 -10.22	47.91 2.81 -9.56	42.64 2.86 -7.34	43.54 2.69 -9.15	43.04 2.67 -10.72	42.97 2.61 -11.06	43.48 2.50 -12.23	46.69 2.28 -17.55	49.69 2.23 -20.63	68.03 2.34 -38.78	89.93 3.54 -43.71	77.33 3.46 -31.16	64.78 3.13 -21.97	55.06 2.49 -18.42	48.83 2.50 -12.96	45.22 2.62 -9.40	42.97 2.66 -6.67
GOLAH____69_KV_TB 1_2 80279	29.54 -0.68 -0.71	28.06 -0.64 -0.77	27.64 -0.72 -0.54	27.13 -0.68 -0.71	28.06 -0.59 -0.65	30.42 -0.54 -0.95	41.95 -0.99 0.00	44.58 -1.54 -2.07	36.54 -0.92 -1.92	33.31 -0.62 -1.48	32.93 -0.60 -1.84	31.30 -0.50 -2.16	31.11 -0.41 -2.22	30.78 -0.43 -2.46	29.93 -0.46 -3.53	30.61 -0.38 -4.15	33.48 -0.48 -7.06	49.70 -0.90 -7.92	47.98 -0.98 -6.25	43.25 -0.83 -4.41	37.26 -0.58 -3.70	35.37 -0.60 -2.60	34.51 -0.56 -1.89	34.58 -0.40 -1.34
GOODYEAR_LAKE_HYD 323669	31.59 0.86 -1.23	30.03 0.75 -1.34	29.46 0.70 -0.94	29.04 0.70 -1.24	29.91 0.78 -1.14	32.71 1.05 -1.64	44.78 1.85 0.00	49.46 1.81 -3.61	40.41 1.53 -3.34	36.41 1.40 -2.57	36.26 1.36 -3.20	34.67 1.27 -3.75	34.40 1.23 -3.87	34.23 1.21 -4.28	34.04 1.05 -6.14	35.18 1.13 -7.21	40.41 1.18 -12.32	59.99 2.01 -15.31	55.55 1.92 -10.92	49.12 1.75 -7.70	42.31 1.47 -6.70	39.31 1.40 -4.54	37.81 1.33 -3.29	37.26 1.28 -2.34
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.01 0.21 -1.30	29.46 0.11 -1.42	28.93 0.11 -0.99	28.54 0.14 -1.31	29.33 0.14 -1.20	32.05 0.30 -1.74	43.58 0.64 0.00	48.26 0.40 -3.81	39.57 0.50 -3.53	35.64 0.49 -2.71	35.55 0.48 -3.38	34.11 0.50 -3.96	33.88 0.50 -4.08	33.78 0.52 -4.51	33.76 0.43 -6.48	34.99 0.54 -7.61	40.39 0.48 -13.00	60.33 0.81 -16.85	55.13 0.77 -11.65	48.60 0.71 -8.21	41.65 0.61 -6.89	38.81 0.60 -4.84	37.30 0.60 -3.51	36.71 0.57 -2.49
GOUDEY____7 23579	31.01 0.21 -1.30	29.49 0.14 -1.42	28.96 0.14 -0.99	28.57 0.16 -1.31	29.36 0.17 -1.20	32.08 0.33 -1.74	43.63 0.69 0.00	48.30 0.44 -3.81	39.60 0.53 -3.53	35.68 0.52 -2.71	35.61 0.54 -3.38	34.14 0.53 -3.96	33.91 0.53 -4.08	33.84 0.57 -4.51	33.79 0.46 -6.48	35.02 0.56 -7.61	40.44 0.54 -13.00	60.41 0.90 -16.85	55.17 0.81 -11.65	48.64 0.75 -8.21	41.71 0.68 -6.89	38.85 0.63 -4.84	37.34 0.63 -3.51	36.78 0.64 -2.49

GOUDEY___8 23580	31.01 0.21 -1.30	29.46 0.11 -1.42	28.93 0.11 -0.99	28.54 0.14 -1.31	29.33 0.14 -1.20	32.05 0.30 -1.74	43.58 0.64 0.00	48.26 0.40 -3.81	39.57 0.50 -3.53	35.64 0.49 -2.71	35.55 0.48 -3.38	34.11 0.50 -3.96	33.88 0.50 -4.08	33.78 0.52 -4.51	33.76 0.43 -6.48	34.99 0.54 -7.61	40.39 0.48 -13.00	60.33 0.81 -16.85	55.13 0.77 -11.65	48.60 0.71 -8.21	41.65 0.61 -6.89	38.81 0.60 -4.84	37.30 0.60 -3.51	36.71 0.57 -2.49
GOWANUS_GT1_1 24077	35.06 2.07 -3.48	33.62 1.87 -3.81	32.30 1.81 -2.67	32.37 1.76 -3.52	33.04 1.82 -3.23	36.99 2.31 -4.66	46.16 3.22 0.00	57.80 3.52 -10.22	48.02 2.91 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.82 2.42 -17.55	49.85 2.39 -20.63	68.28 2.61 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.16	65.22 3.57 -21.97	55.33 2.77 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.49 3.16 -6.67
GOWANUS_GT1_2 24078	35.06 2.07 -3.48	33.62 1.87 -3.81	32.30 1.81 -2.67	32.37 1.76 -3.52	33.04 1.82 -3.23	36.99 2.31 -4.66	46.16 3.22 0.00	57.80 3.52 -10.22	48.02 2.91 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.82 2.42 -17.55	49.85 2.39 -20.63	68.28 2.61 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.16	65.22 3.57 -21.97	55.33 2.77 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.49 3.16 -6.67
GOWANUS_GT1_3 24079	35.06 2.07 -3.48	33.62 1.87 -3.81	32.30 1.81 -2.67	32.37 1.76 -3.52	33.04 1.82 -3.23	36.99 2.31 -4.66	46.16 3.22 0.00	57.80 3.52 -10.22	48.02 2.91 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.82 2.42 -17.55	49.85 2.39 -20.63	68.28 2.61 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.16	65.22 3.57 -21.97	55.33 2.77 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.49 3.16 -6.67
GOWANUS_GT1_4 24080	35.06 2.07 -3.48	33.62 1.87 -3.81	32.30 1.81 -2.67	32.37 1.76 -3.52	33.04 1.82 -3.23	36.99 2.31 -4.66	46.16 3.22 0.00	57.80 3.52 -10.22	48.02 2.91 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.82 2.42 -17.55	49.85 2.39 -20.63	68.28 2.61 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.16	65.22 3.57 -21.97	55.33 2.77 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.49 3.16 -6.67
GOWANUS_GT1_5 24084	35.06 2.07 -3.48	33.62 1.87 -3.81	32.30 1.81 -2.67	32.37 1.76 -3.52	33.04 1.82 -3.23	36.99 2.31 -4.66	46.16 3.22 0.00	57.80 3.52 -10.22	48.02 2.91 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.82 2.42 -17.55	49.85 2.39 -20.63	68.28 2.61 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.16	65.22 3.57 -21.97	55.33 2.77 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.49 3.16 -6.67
GOWANUS_GT1_6 24111	35.06 2.07 -3.48	33.62 1.87 -3.81	32.30 1.81 -2.67	32.37 1.76 -3.52	33.04 1.82 -3.23	36.99 2.31 -4.66	46.16 3.22 0.00	57.80 3.52 -10.22	48.02 2.91 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.82 2.42 -17.55	49.85 2.39 -20.63	68.28 2.61 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.16	65.22 3.57 -21.97	55.33 2.77 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.49 3.16 -6.67
GOWANUS_GT1_7 24112	35.06 2.07 -3.48	33.62 1.87 -3.81	32.30 1.81 -2.67	32.37 1.76 -3.52	33.04 1.82 -3.23	36.99 2.31 -4.66	46.16 3.22 0.00	57.80 3.52 -10.22	48.02 2.91 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.82 2.42 -17.55	49.85 2.39 -20.63	68.28 2.61 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.16	65.22 3.57 -21.97	55.33 2.77 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.49 3.16 -6.67
GOWANUS_GT1_8 24113	35.06 2.07 -3.48	33.62 1.87 -3.81	32.30 1.81 -2.67	32.37 1.76 -3.52	33.04 1.82 -3.23	36.99 2.31 -4.66	46.16 3.22 0.00	57.80 3.52 -10.22	48.02 2.91 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.82 2.42 -17.55	49.85 2.39 -20.63	68.28 2.61 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.16	65.22 3.57 -21.97	55.33 2.77 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.49 3.16 -6.67
GOWANUS_GT2_1 24114	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
GOWANUS_GT2_2 24115	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
GOWANUS_GT2_3 24116	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
GOWANUS_GT2_4 24117	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
GOWANUS_GT2_5 24118	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
GOWANUS_GT2_6 24119	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67

GOWANUS_GT2_7 24120	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
GOWANUS_GT2_8 24121	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
GOWANUS_GT3_1 24122	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
GOWANUS_GT3_2 24123	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
GOWANUS_GT3_3 24124	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
GOWANUS_GT3_4 24125	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
GOWANUS_GT3_5 24126	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6

GOWANUS_GT4_6 24135	35.06 2.07 -3.48	33.62 1.87 -3.81	32.30 1.81 -2.67	32.37 1.76 -3.52	33.04 1.82 -3.23	36.99 2.31 -4.66	46.16 3.22 0.00	57.80 3.52 -10.22	48.02 2.91 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.82 2.42 -17.55	49.85 2.39 -20.63	68.28 2.61 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.16	65.22 3.57 -21.97	55.33 2.77 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.49 3.16 -6.67
GOWANUS_GT4_7 24136	35.06 2.07 -3.48	33.62 1.87 -3.81	32.30 1.81 -2.67	32.37 1.76 -3.52	33.04 1.82 -3.23	36.99 2.31 -4.66	46.16 3.22 0.00	57.80 3.52 -10.22	48.02 2.91 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.82 2.42 -17.55	49.85 2.39 -20.63	68.28 2.61 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.16	65.22 3.57 -21.97	55.33 2.77 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.49 3.16 -6.67
GOWANUS_GT4_8 24137	35.06 2.07 -3.48	33.62 1.87 -3.81	32.30 1.81 -2.67	32.37 1.76 -3.52	33.04 1.82 -3.23	36.99 2.31 -4.66	46.16 3.22 0.00	57.80 3.52 -10.22	48.02 2.91 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.82 2.42 -17.55	49.85 2.39 -20.63	68.28 2.61 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.16	65.22 3.57 -21.97	55.33 2.77 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.49 3.16 -6.67
GREENBSH_115KV_TB3 55895	34.82 0.97 -4.33	33.62 0.95 -4.74	32.14 1.00 -3.32	32.45 0.98 -4.37	32.98 0.98 -4.01	36.86 1.05 -5.80	44.36 1.42 0.00	58.13 1.37 -12.71	48.52 1.17 -11.81	42.55 1.04 -9.06	44.11 1.11 -11.31	43.90 1.01 -13.24	43.96 1.00 -13.67	44.86 1.01 -15.10	49.47 0.94 -21.68	53.28 0.97 -25.48	71.66 0.91 -43.84	98.11 1.45 -53.98	82.70 1.50 -38.48	68.20 1.39 -27.14	58.32 1.23 -22.95	50.58 1.20 -16.01	46.00 1.19 -11.61	43.09 1.21 -8.23
GREENDGE_115KV_TB5 80291	30.93 0.47 -0.95	29.39 0.42 -1.04	29.00 0.45 -0.73	28.43 0.38 -0.96	29.26 0.39 -0.88	31.94 0.66 -1.27	43.71 0.77 0.00	47.98 1.15 -2.79	39.26 1.14 -2.58	35.44 1.01 -1.98	35.08 0.92 -2.47	33.43 0.89 -2.90	33.17 0.88 -2.99	33.06 1.01 -3.30	32.43 0.83 -4.74	33.40 0.99 -5.57	37.31 1.00 -9.41	64.04 1.24 -20.13	51.49 0.34 -8.43	45.94 0.32 -5.95	39.78 0.65 -4.99	37.44 0.57 -3.51	36.20 0.46 -2.54	35.92 0.47 -1.80
GREENIDGE___3 23582	30.93 0.47 -0.95	29.39 0.42 -1.04	29.00 0.45 -0.73	28.43 0.38 -0.96	29.26 0.39 -0.88	31.94 0.66 -1.27	43.71 0.77 0.00	47.98 1.15 -2.79	39.26 1.14 -2.58	35.44 1.01 -1.98	35.08 0.92 -2.47	33.43 0.89 -2.90	33.17 0.88 -2.99	33.06 1.01 -3.30	32.43 0.83 -4.74	33.40 0.99 -5.57	37.31 1.00 -9.41	64.04 1.24 -20.13	51.49 0.34 -8.43	45.94 0.32 -5.95	39.78 0.65 -4.99	37.44 0.57 -3.51	36.20 0.46 -2.54	35.92 0.47 -1.80
GREENIDGE___4 23583	30.93 0.47 -0.95	29.39 0.42 -1.04	28.99 0.44 -0.73	28.43 0.38 -0.96	29.26 0.39 -0.88	31.94 0.66 -1.27	43.71 0.77 0.00	47.89 1.06 -2.78	39.20 1.07 -2.59	35.41 0.97 -1.99	35.06 0.89 -2.48	33.44 0.89 -2.90	33.21 0.91 -3.00	33.04 0.98 -3.31	32.44 0.83 -4.75	33.42 0.99 -5.59	37.29 0.97 -9.41	64.05 1.24 -20.13	51.15 0.34 -8.09	45.70 0.32 -5.71	39.58 0.65 -4.79	37.30 0.57 -3.37	36.10 0.46 -2.44	35.85 0.47 -1.73
GREENLWN_69_KV_BK 3 55738	36.22 2.54 -4.18	34.74 2.32 -4.48	33.54 2.31 -3.40	33.59 2.25 -4.25	34.18 2.35 -3.84	38.11 2.91 -5.19	51.19 4.29 -3.96	63.03 4.63 -14.35	52.65 3.70 -13.41	43.81 3.54 -7.82	44.50 3.33 -9.48	46.28 3.20 -13.43	45.63 3.14 -13.20	48.34 3.08 -16.51	52.66 2.87 -22.93	61.70 2.76 -32.09	84.13 2.83 -54.40	118.08 4.40 -71.01	97.71 4.36 -50.63	86.73 3.97 -43.09	72.78 3.28 -35.36	64.66 3.20 -28.09	51.11 3.52 -14.41	47.13 3.50 -9.98
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.06 2.07 -3.48	33.62 1.87 -3.81	32.30 1.81 -2.67	32.37 1.76 -3.52	33.04 1.82 -3.23	36.99 2.31 -4.66	46.16 3.22 0.00	57.80 3.52 -10.22	48.02 2.91 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.82 2.42 -17.55	49.85 2.39 -20.63	68.28 2.61 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.16	65.22 3.57 -21.97	55.33 2.77 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.49 3.16 -6.67
GRISSOM___SOLAR 323813	37.52 2.89 -5.12	36.15 2.62 -5.60	34.25 2.51 -3.92	34.75 2.49 -5.17	35.48 2.74 -4.74	40.02 3.15 -6.85	48.05 5.11 0.00	64.27 5.20 -15.02	53.67 4.19 -13.94	46.62 3.47 -10.70	48.18 3.14 -13.35	48.04 2.76 -15.63	48.22 2.79 -16.13	49.28 2.70 -17.83	55.03 2.58 -25.59	59.76 2.84 -30.08	81.49 3.04 -51.54	111.93 5.55 -63.71	93.16 5.04 -45.40	76.33 4.64 -32.02	65.55 4.27 -27.14	56.26 4.00 -18.89	50.24 3.35 -13.70	46.49 3.13 -9.71
GROVEVILLE___HYD 323602	34.85 1.83 -3.51	33.48 1.70 -3.84	32.18 1.67 -2.69	32.27 1.63 -3.55	32.95 1.71 -3.26	36.88 2.16 -4.70	46.16 3.22 0.00	57.67 3.30 -10.31	47.81 2.70 -9.57	42.36 2.56 -7.35	43.33 2.47 -9.16	42.75 2.37 -10.73	42.75 2.37 -11.08	43.32 2.33 -12.24	46.57 2.15 -17.57	49.69 2.20 -20.65	64.52 2.21 -35.41	89.94 3.50 -43.77	77.33 3.42 -31.20	64.81 3.13 -22.00	55.22 2.63 -18.45	48.91 2.57 -12.98	45.16 2.56 -9.41	42.91 2.59 -6.67
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.11 -0.03 -0.63	28.57 -0.06 -0.69	28.22 -0.08 -0.48	27.65 -0.08 -0.64	28.49 -0.08 -0.59	30.71 -0.15 -0.85	42.68 -0.26 0.00	45.82 -0.09 -1.86	37.26 0.00 -1.72	33.80 0.03 -1.32	33.44 0.10 -1.65	31.70 0.12 -1.93	31.44 0.15 -1.99	31.15 0.20 -2.20	30.17 0.16 -3.16	30.74 0.19 -3.71	33.49 0.19 -6.40	50.88 0.26 -7.95	48.64 0.26 -5.67	43.91 0.24 -4.00	37.70 0.20 -3.35	35.86 0.13 -2.36	34.97 0.07 -1.71	34.90 0.03 -1.21
HAMLTNNY_34_KV_TB 80303	30.16 0.00 -0.66	28.62 -0.03 -0.72	28.30 -0.03 -0.50	27.70 -0.05 -0.66	28.57 -0.03 -0.61	30.83 -0.06 -0.88	42.85 -0.09 0.00	46.02 0.04 -1.92	37.43 0.11 -1.78	33.98 0.16 -1.37	33.59 0.19 -1.71	31.88 0.24 -2.00	31.60 0.23 -2.06	31.32 0.29 -2.28	30.37 0.24 -3.27	30.98 0.30 -3.85	33.83 0.30 -6.63	51.33 0.43 -8.23	48.97 0.38 -5.87	44.13 0.32 -4.14	37.88 0.27 -3.47	36.04 0.23 -2.44	35.09 0.13 -1.77	35.01 0.10 -1.26
HAMPSHIRE___PAPER_HYD 323593	29.16 -0.53 -0.18	27.68 -0.45 -0.19	27.57 -0.39 -0.14	26.92 -0.35 -0.18	27.70 -0.45 -0.16	29.68 -0.57 -0.24	42.03 -0.90 0.00	44.05 -0.53 -0.52	35.36 -0.68 -0.49	32.12 -0.71 -0.38	31.44 -0.73 -0.47	32.37 -0.77 -3.49	32.85 -0.79 -4.34	32.43 -0.66 -4.34	30.66 -0.62 -4.42	30.74 -0.67 -4.57	31.63 -0.62 -5.34	49.11 -0.90 -7.34	48.50 -0.90 -6.68	45.04 -0.56 -5.92	38.86 -0.48 -5.19	36.82 -0.57 -4.02	36.46 -0.53 -3.80	33.42 -0.57 -0.34
HARDSCRABBLE_WT_PWR 323673	29.80 0.21 -0.09	28.20 0.17 -0.09	28.06 0.17 -0.07	27.35 0.16 -0.09	28.27 0.20 -0.08	30.40 0.27 -0.11	43.54 0.60 0.00	44.92 0.62 -0.25	36.24 0.46 -0.24	32.99 0.36 -0.18	32.27 0.35 -0.23	30.18 0.27 -0.27	29.75 0.18 -0.27	29.14 0.09 -0.30	27.34 0.05 -0.44	27.46 0.11 -0.51	27.94 0.16 -0.87	44.06 0.30 -1.08	43.79 0.30 -0.77	40.57 0.36 -0.54	34.90 0.31 -0.45	34.09 0.40 -0.32	33.89 0.46 -0.23	34.39 0.57 -0.16

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.44 1.65 -3.28	33.03 1.51 -3.59	31.75 1.42 -2.51	31.82 1.41 -3.31	32.51 1.48 -3.04	36.32 1.92 -4.39	45.77 2.83 0.00	56.58 2.91 -9.62	46.75 2.35 -8.87	41.46 2.21 -6.81	42.34 2.16 -8.49	41.67 2.08 -9.94	41.64 2.08 -10.26	42.13 2.04 -11.34	44.99 1.85 -16.28	47.87 1.91 -19.13	59.17 1.94 -30.33	86.25 3.03 -40.55	74.61 2.99 -28.90	62.79 2.74 -20.38	53.49 2.25 -17.09	47.59 2.20 -12.02	44.14 2.22 -8.72	42.05 2.22 -6.18
HARSNRAD_115KV_TB1 81005	28.79 -1.50 -0.78	27.28 -1.51 -0.86	26.84 -1.59 -0.60	26.42 -1.46 -0.79	27.20 -1.51 -0.73	29.65 -1.41 -1.05	40.83 -2.10 0.00	42.96 -2.39 -2.30	35.32 -2.35 -2.13	32.23 -1.85 -1.63	31.86 -1.87 -2.04	30.35 -1.69 -2.39	30.24 -1.52 -2.46	30.03 -1.44 -2.72	29.29 -1.48 -3.91	30.14 -1.29 -4.59	33.09 -1.61 -7.79	46.09 -2.73 -6.15	46.71 -2.90 -6.90	41.92 -2.62 -4.87	36.35 -1.88 -4.08	34.40 -1.84 -2.87	33.65 -1.63 -2.08	33.81 -1.31 -1.48
HARZA MOOSE__RIVER 24016	30.00 0.27 -0.22	28.37 0.20 -0.25	28.19 0.19 -0.17	27.57 0.24 -0.23	28.42 0.22 -0.21	30.64 0.33 -0.30	43.54 0.60 0.00	45.46 0.75 -0.66	36.69 0.53 -0.61	33.37 0.45 -0.47	32.72 0.44 -0.59	31.51 0.33 -1.53	31.36 0.26 -1.79	30.86 0.26 -1.85	29.37 0.38 -2.14	29.60 0.43 -2.33	30.65 0.46 -3.29	47.73 0.77 -4.29	47.01 0.81 -3.48	43.54 1.07 -2.80	37.40 0.85 -2.40	35.87 0.70 -1.80	35.42 0.66 -1.56	34.65 0.57 -0.43
HDSNBRDG_115KV_BRDG_TB1 355580	29.84 -0.27 -0.60	28.31 -0.28 -0.65	28.00 -0.28 -0.46	27.40 -0.30 -0.60	28.24 -0.31 -0.55	30.39 -0.42 -0.80	42.25 -0.69 0.00	45.19 -0.62 -1.75	36.74 -0.43 -1.63	33.37 -0.32 -1.25	33.00 -0.25 -1.56	31.32 -0.15 -1.82	31.04 -0.15 -1.88	30.74 -0.09 -2.08	29.73 -0.11 -2.98	30.26 -0.08 -3.51	32.80 -0.13 -6.03	49.91 -0.26 -7.50	47.80 -0.26 -5.34	43.20 -0.24 -3.77	37.06 -0.24 -3.16	35.32 -0.27 -2.22	34.50 -0.30 -1.61	34.46 -0.34 -1.14
HELLGATE_13_KV_LD 55870	35.00 2.01 -3.48	33.59 1.84 -3.81	32.27 1.78 -2.67	32.35 1.73 -3.52	33.01 1.79 -3.23	36.96 2.28 -4.66	46.20 3.26 0.00	57.84 3.57 -10.22	48.09 2.99 -9.56	42.74 2.95 -7.34	43.70 2.85 -9.15	43.16 2.79 -10.72	43.09 2.72 -11.06	43.62 2.64 -12.23	46.85 2.44 -17.55	49.88 2.42 -20.63	68.26 2.58 -38.77	90.31 3.93 -43.72	77.72 3.84 -31.16	65.14 3.49 -21.97	55.33 2.77 -18.42	49.13 2.80 -12.96	45.51 2.92 -9.40	43.35 3.03 -6.67
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.00 2.01 -3.48	33.59 1.84 -3.81	32.27 1.78 -2.67	32.35 1.73 -3.52	33.01 1.79 -3.23	36.96 2.28 -4.66	46.20 3.26 0.00	57.84 3.57 -10.22	48.09 2.99 -9.56	42.74 2.95 -7.34	43.70 2.85 -9.15	43.16 2.79 -10.72	43.09 2.72 -11.06	43.62 2.64 -12.23	46.85 2.44 -17.55	49.88 2.42 -20.63	68.26 2.58 -38.77	90.31 3.93 -43.72	77.72 3.84 -31.16	65.14 3.49 -21.97	55.33 2.77 -18.42	49.13 2.80 -12.96	45.51 2.92 -9.40	43.35 3.03 -6.67
HEMPSTEAD____ 23647	38.37 2.45 -6.42	36.92 2.26 -6.72	35.91 2.23 -5.86	35.96 2.17 -6.69	36.16 2.27 -5.91	39.71 2.79 -6.91	51.25 4.08 -4.23	62.75 4.27 -14.42	52.49 3.45 -13.51	45.22 3.37 -9.39	44.52 3.23 -9.59	46.24 3.14 -13.45	45.98 3.08 -13.60	48.26 2.99 -16.52	52.56 2.77 -22.94	61.68 2.74 -32.11	84.14 2.82 -54.41	118.04 4.35 -71.01	97.57 4.23 -50.63	86.65 3.89 -43.09	72.72 3.21 -35.37	72.55 3.20 -35.98	50.91 3.32 -14.40	46.96 3.33 -9.98
HEWLETT__69_KV_BK3 55828	45.21 2.77 -12.92	43.72 2.57 -13.22	43.29 2.56 -12.91	43.28 2.49 -13.69	42.37 2.58 -11.81	44.89 3.12 -11.76	52.78 4.59 -5.25	63.28 4.89 -14.34	53.29 3.91 -13.84	50.19 3.80 -13.94	45.15 3.55 -9.91	46.56 3.44 -13.48	47.43 3.37 -14.76	48.54 3.28 -16.51	52.84 3.06 -22.93	61.99 3.06 -32.09	84.46 3.15 -54.40	118.50 4.82 -71.01	98.13 4.78 -50.63	87.17 4.40 -43.09	73.22 3.69 -35.39	95.90 3.60 -58.93	51.33 3.75 -14.39	47.40 3.77 -9.98
HICKLING____1 23621	30.54 -0.09 -1.11	29.01 -0.14 -1.22	28.54 -0.14 -0.85	28.11 -0.11 -1.12	28.91 -0.11 -1.03	31.59 0.09 -1.49	43.32 0.39 0.00	47.28 -0.04 -3.27	38.64 0.07 -3.03	34.94 0.16 -2.32	34.69 0.10 -2.90	33.22 0.18 -3.40	33.01 0.21 -3.51	32.94 0.32 -3.87	32.58 0.16 -5.56	33.64 0.27 -6.54	38.08 0.16 -11.02	59.53 0.30 -16.56	52.67 0.09 -9.87	46.75 0.12 -6.96	40.22 0.24 -5.84	37.74 0.27 -4.11	36.47 0.30 -2.98	36.13 0.37 -2.11
HICKLING____2 23622	30.54 -0.09 -1.11	29.01 -0.14 -1.22	28.54 -0.14 -0.85	28.11 -0.11 -1.12	28.91 -0.11 -1.03	31.59 0.09 -1.49	43.32 0.39 0.00	47.28 -0.04 -3.27	38.64 0.07 -3.03	34.94 0.16 -2.32	34.69 0.10 -2.90	33.22 0.18 -3.40	33.01 0.21 -3.51	32.94 0.32 -3.87	32.58 0.16 -5.56	33.64 0.27 -6.54	38.08 0.16 -11.02	59.53 0.30 -16.56	52.67 0.09 -9.87	46.75 0.12 -6.96	40.22 0.24 -5.84	37.74 0.27 -4.11	36.47 0.30 -2.98	36.13 0.37 -2.11
HIGH FALLS____HY 23754	34.47 1.45 -3.52	33.09 1.31 -3.85	31.77 1.25 -2.69	31.86 1.22 -3.55	32.56 1.32 -3.26	36.52 1.80 -4.71	45.69 2.75 0.00	57.15 2.78 -10.32	47.35 2.24 -9.57	41.94 2.14 -7.35	42.85 2.00 -9.16	42.31 1.93 -10.73	42.31 1.93 -11.08	42.89 1.90 -12.24	46.17 1.75 -17.57	49.12 1.64 -20.65	63.71 1.70 -35.11	89.08 2.65 -43.76	76.61 2.65 -31.24	64.08 2.38 -22.03	54.58 1.95 -18.50	48.50 2.14 -13.00	44.78 2.16 -9.43	42.49 2.15 -6.68
HILLBURN____GT 23639	34.51 1.68 -3.32	33.10 1.54 -3.63	31.79 1.45 -2.53	31.86 1.44 -3.33	32.55 1.51 -3.05	36.35 1.92 -4.41	45.82 2.88 0.00	56.59 2.86 -9.67	46.76 2.24 -8.98	41.55 2.21 -6.89	42.45 2.16 -8.60	41.86 2.14 -10.07	41.81 2.11 -10.39	42.31 2.07 -11.49	45.22 1.88 -16.49	48.10 1.88 -19.38	59.20 1.94 -30.35	86.71 2.99 -41.05	74.91 2.95 -29.25	63.00 2.70 -20.63	53.63 2.19 -17.30	47.70 2.17 -12.17	44.24 2.22 -8.83	42.09 2.19 -6.26
HILLSIDE_115KV_TB1 80332	30.22 -0.44 -1.15	28.69 -0.50 -1.26	28.20 -0.50 -0.88	27.80 -0.46 -1.16	28.61 -0.45 -1.07	31.25 -0.30 -1.54	42.77 -0.17 0.00	46.68 -0.75 -3.38	38.21 -0.46 -3.13	34.49 -0.36 -2.40	34.31 -0.38 -3.00	32.89 -0.27 -3.51	32.69 -0.23 -3.62	32.61 -0.14 -4.00	32.30 -0.30 -5.75	33.40 -0.19 -6.75	37.99 -0.30 -11.38	58.24 -0.43 -16.00	52.32 -0.60 -10.20	46.35 -0.52 -7.19	39.83 -0.34 -6.03	37.34 -0.27 -4.24	36.07 -0.20 -3.08	35.70 -0.13 -2.18
HISHELDN_WT_PWR 323625	29.08 -1.30 -0.87	27.58 -1.31 -0.95	27.16 -1.33 -0.67	26.70 -1.27 -0.88	27.48 -1.32 -0.81	29.98 -1.20 -1.17	41.09 -1.85 0.00	43.61 -3.00 -2.56	35.84 -2.06 -2.36	32.61 -1.65 -1.81	32.28 -1.68 -2.26	30.88 -1.42 -2.65	30.78 -1.26 -2.74	30.59 -1.18 -3.02	29.99 -1.21 -4.34	30.92 -1.02 -5.10	34.05 -1.45 -8.59	40.77 -2.35 -0.44	47.94 -2.48 -7.70	42.96 -2.14 -5.43	37.16 -1.54 -4.56	35.14 -1.43 -3.20	34.25 -1.26 -2.32	34.25 -1.04 -1.65
HOLTSVILLE_IC_1 23690	36.89 3.33 -4.04	35.30 3.02 -4.35	34.11 3.01 -3.28	34.13 2.90 -4.13	34.79 3.05 -3.75	38.86 3.72 -5.12	52.46 5.58 -3.94	64.25 5.77 -14.43	53.50 4.55 -13.41	44.50 4.32 -7.74	45.29 4.12 -9.48	47.03 3.94 -13.44	46.38 3.90 -13.18	49.09 3.82 -16.52	53.34 3.54 -22.94	62.54 3.60 -32.11	84.97 3.66 -54.41	119.41 5.72 -71.01	99.03 5.68 -50.63	88.04 5.28 -43.09	73.87 4.37 -35.36	65.26 4.27 -27.62	52.11 4.51 -14.41	48.14 4.51 -9.98

HOLTSVILLE_IC_10 23699	37.14 3.54 -4.09	35.52 3.18 -4.40	34.30 3.14 -3.33	34.31 3.03 -4.18	34.97 3.19 -3.79	39.10 3.93 -5.16	52.77 5.88 -3.95	64.60 6.12 -14.43	53.79 4.83 -13.41	44.76 4.54 -7.77	45.51 4.34 -9.48	47.24 4.15 -13.44	46.59 4.10 -13.19	49.29 4.02 -16.52	53.55 3.76 -22.94	62.75 3.81 -32.11	85.21 3.90 -54.41	119.83 6.15 -71.01	99.45 6.11 -50.63	88.39 5.63 -43.09	74.18 4.68 -35.36	65.69 4.54 -27.79	52.38 4.78 -14.41	48.38 4.75 -9.98
HOLTSVILLE_IC_2 23691	36.89 3.33 -4.04	35.30 3.02 -4.35	34.11 3.01 -3.28	34.13 2.90 -4.13	34.79 3.05 -3.75	38.86 3.72 -5.12	52.46 5.58 -3.94	64.25 5.77 -14.43	53.50 4.55 -13.41	44.50 4.32 -7.74	45.29 4.12 -9.48	47.03 3.94 -13.44	46.38 3.90 -13.18	49.09 3.82 -16.52	53.34 3.54 -22.94	62.54 3.60 -32.11	84.97 3.66 -54.41	119.41 5.72 -71.01	99.03 5.68 -50.63	88.04 5.28 -43.09	73.87 4.37 -35.36	65.26 4.27 -27.62	52.11 4.51 -14.41	48.14 4.51 -9.98
HOLTSVILLE_IC_3 23692	36.89 3.33 -4.04	35.30 3.02 -4.35	34.11 3.01 -3.28	34.13 2.90 -4.13	34.79 3.05 -3.75	38.86 3.72 -5.12	52.46 5.58 -3.94	64.25 5.77 -14.43	53.50 4.55 -13.41	44.50 4.32 -7.74	45.29 4.12 -9.48	47.03 3.94 -13.44	46.38 3.90 -13.18	49.09 3.82 -16.52	53.34 3.54 -22.94	62.54 3.60 -32.11	84.97 3.66 -54.41	119.41 5.72 -71.01	99.03 5.68 -50.63	88.04 5.28 -43.09	73.87 4.37 -35.36	65.26 4.27 -27.62	52.11 4.51 -14.41	48.14 4.51 -9.98
HOLTSVILLE_IC_4 23693	36.89 3.33 -4.04	35.30 3.02 -4.35	34.11 3.01 -3.28	34.13 2.90 -4.13	34.79 3.05 -3.75	38.86 3.72 -5.12	52.46 5.58 -3.94	64.25 5.77 -14.43	53.50 4.55 -13.41	44.50 4.32 -7.74	45.29 4.12 -9.48	47.03 3.94 -13.44	46.38 3.90 -13.18	49.09 3.82 -16.52	53.34 3.54 -22.94	62.54 3.60 -32.11	84.97 3.66 -54.41	119.41 5.72 -71.01	99.03 5.68 -50.63	88.04 5.28 -43.09	73.87 4.37 -35.36	65.26 4.27 -27.62	52.11 4.51 -14.41	48.14 4.51 -9.98
HOLTSVILLE_IC_5 23694	36.89 3.33 -4.04	35.30 3.02 -4.35	34.11 3.01 -3.28	34.13 2.90 -4.13	34.79 3.05 -3.75	38.86 3.72 -5.12	52.46 5.58 -3.94	64.25 5.77 -14.43	53.50 4.55 -13.41	44.50 4.32 -7.74	45.29 4.12 -9.48	47.03 3.94 -13.44	46.38 3.90 -13.18	49.09 3.82 -16.52	53.34 3.54 -22.94	62.54 3.60 -32.11	84.97 3.66 -54.41	119.41 5.72 -71.01	99.03 5.68 -50.63	88.04 5.28 -43.09	73.87 4.37 -35.36	65.26 4.27 -27.62	52.11 4.51 -14.41	48.14 4.51 -9.98
HOLTSVILLE_IC_6 23695	37.14 3.54 -4.09	35.52 3.18 -4.40	34.30 3.14 -3.33	34.31 3.03 -4.18	34.97 3.19 -3.79	39.10 3.93 -5.16	52.77 5.88 -3.95	64.60 6.12 -14.43	53.79 4.83 -13.41	44.76 4.54 -7.77	45.51 4.34 -9.48	47.24 4.15 -13.44	46.59 4.10 -13.19	49.29 4.02 -16.52	53.55 3.76 -22.94	62.75 3.81 -32.11	85.21 3.90 -54.41	119.83 6.15 -71.01	99.45 6.11 -50.63	88.39 5.63 -43.09	74.18 4.68 -35.36	65.69 4.54 -27.79	52.38 4.78 -14.41	48.38 4.75 -9.98
HOLTSVILLE_IC_7 23696	37.14 3.54 -4.09	35.52 3.18 -4.40	34.30 3.14 -3.33	34.31 3.03 -4.18	34.97 3.19 -3.79	39.10 3.93 -5.16	52.77 5.88 -3.95	64.60 6.12 -14.43	53.79 4.83 -13.41	44.76 4.54 -7.77	45.51 4.34 -9.48	47.24 4.15 -13.44	46.59 4.10 -13.19	49.29 4.02 -16.52	53.55 3.76 -22.94	62.75 3.81 -32.11	85.21 3.90 -54.41	119.83 6.15 -71.01	99.45 6.11 -50.63	88.39 5.63 -43.09	74.18 4.68 -35.36	65.69 4.54 -27.79	52.38 4.78 -14.41	48.38 4.75 -9.98
HOLTSVILLE_IC_8 23697	37.14 3.54 -4.09	35.52 3.18 -4.40	34.30 3.14 -3.33	34.31 3.03 -4.18	34.97 3.19 -3.79	39.10 3.93 -5.16	52.77 5.88 -3.95	64.60 6.12 -14.43	53.79 4.83 -13.41	44.76 4.54 -7.77	45.51 4.34 -9.48	47.24 4.15 -13.44	46.59 4.10 -13.19	49.29 4.02 -16.52	53.55 3.76 -22.94	62.75 3.81 -32.11	85.21 3.90 -54.41	119.83 6.15 -71.01	99.45 6.11 -50.63	88.39 5.63 -43.09	74.18 4.68 -35.36	65.69 4.54 -27.79	52.38 4.78 -14.41	48.38 4.75 -9.98
HOLTSVILLE_IC_9 23698	37.14 3.54 -4.09	35.52 3.18 -4.40	34.30 3.14 -3.33	34.31 3.03 -4.18	34.97 3.19 -3.79	39.10 3.93 -5.16	52.77 5.88 -3.95	64.60 6.12 -14.43	53.79 4.83 -13.41	44.76 4.54 -7.77	45.51 4.34 -9.48	47.24 4.15 -13.44	46.59 4.10 -13.19	49.29 4.02 -16.52	53.55 3.76 -22.94	62.75 3.81 -32.11	85.21 3.90 -54.41	119.83 6.15 -71.01	99.45 6.11 -50.63	88.39 5.63 -43.09	74.18 4.68 -35.36	65.69 4.54 -27.79	52.38 4.78 -14.41	48.38 4.75 -9.98
HOMER_HL_115KV_TB2 355744	28.85 -1.53 -0.87	27.30 -1.59 -0.95	26.88 -1.61 -0.67	26.51 -1.46 -0.88	27.31 -1.48 -0.81	29.86 -1.32 -1.17	42.12 -0.82 0.00	44.06 -2.56 -2.56	36.03 -1.88 -2.37	32.68 -1.59 -1.82	32.32 -1.65 -2.27	30.86 -1.45 -2.66	30.70 -1.35 -2.74	30.52 -1.26 -3.03	29.81 -1.40 -4.35	30.72 -1.23 -5.12	33.98 -1.48 -8.56	47.53 -2.01 -6.87	47.90 -2.48 -7.66	42.85 -2.22 -5.40	36.93 -1.74 -4.53	34.92 -1.64 -3.19	34.08 -1.43 -2.31	33.98 -1.31 -1.64
HOWARD_WT_PWR 323690	30.05 -0.44 -0.98	28.56 -0.45 -1.07	28.13 -0.45 -0.75	27.62 -0.46 -0.99	28.39 -0.50 -0.91	30.99 -0.33 -1.31	42.55 -0.39 0.00	45.95 -0.97 -2.87	37.57 -0.64 -2.66	33.97 -0.52 -2.05	33.61 -0.63 -2.55	32.13 -0.50 -2.99	31.95 -0.44 -3.08	31.84 -0.32 -3.41	31.35 -0.40 -4.89	32.40 -0.19 -5.75	36.19 -0.40 -9.69	70.83 -0.56 -28.71	50.47 -0.81 -8.57	45.08 -0.64 -6.04	38.94 -0.27 -5.07	36.70 -0.23 -3.56	35.55 -0.23 -2.59	35.41 -0.07 -1.83
HQ_GEN_CEDARS 23644	29.21 -0.30 0.00	27.85 -0.08 0.00	27.85 0.03 0.00	27.10 0.00 0.00	27.85 -0.14 0.00	29.74 -0.27 0.00	42.68 -0.26 0.00	43.74 -0.31 0.00	35.15 -0.39 0.00	31.96 -0.49 0.00	31.15 -0.54 0.00	30.28 -0.56 -1.19	30.27 -0.56 -1.53	29.71 -0.55 -1.50	27.85 -0.43 -1.43	27.70 -0.56 -1.42	27.82 -0.51 -1.43	43.92 -0.81 -2.06	43.92 -0.85 -2.06	40.90 -0.71 -1.94	35.29 -0.58 -1.73	34.19 -0.53 -1.36	34.00 -0.53 -1.34	33.14 -0.50 0.00
HQ_GEN_CEDARS_PROXY 323590	29.21 -0.30 0.00	27.85 -0.08 0.00	27.80 -0.03 0.00	27.10 0.00 0.00	27.85 -0.14 0.00	29.74 -0.27 0.00	42.34 -0.60 0.00	43.92 -0.13 0.00	35.15 -0.39 0.00	31.96 -0.49 0.00	31.15 -0.54 0.00	30.28 -0.56 -1.19	30.27 -0.56 -1.53	29.73 -0.52 -1.50	27.85 -0.43 -1.43	27.69 -0.56 -1.42	27.85 -0.48 -1.43	43.92 -0.81 -2.06	43.92 -0.85 -2.06	40.90 -0.71 -1.94	35.29 -0.58 -1.73	34.19 -0.54 -1.36	34.00 -0.53 -1.34	33.15 -0.50 0.00
HQ_GEN_IMPORT 323601	29.24 -0.27 0.00	27.74 -0.19 0.00	27.63 -0.19 0.00	26.91 -0.19 0.00	27.79 -0.19 0.00	29.77 -0.24 0.00	42.59 -0.35 0.00	43.79 -0.26 0.00	35.22 -0.32 0.00	32.09 -0.36 0.00	31.31 -0.38 0.00	29.26 -0.39 0.00	28.92 -0.38 0.00	28.37 -0.37 0.00	26.51 -0.35 0.00	26.46 -0.38 0.00	26.56 -0.35 0.00	42.16 -0.51 0.00	42.16 -0.56 0.00	39.20 -0.47 0.00	33.73 -0.41 0.00	32.97 -0.40 0.00	32.79 -0.40 0.00	33.25 -0.40 0.00
HQ_GEN_WHEEL 23651	29.24 -0.27 0.00	27.74 -0.19 0.00	27.63 -0.19 0.00	26.91 -0.19 0.00	27.79 -0.19 0.00	29.77 -0.24 0.00	42.59 -0.35 0.00	43.79 -0.26 0.00	35.22 -0.32 0.00	32.09 -0.36 0.00	31.31 -0.38 0.00	29.26 -0.39 0.00	28.92 -0.38 0.00	28.37 -0.37 0.00	26.51 -0.35 0.00	26.46 -0.38 0.00	26.56 -0.35 0.00	42.16 -0.51 0.00	42.16 -0.56 0.00	39.20 -0.47 0.00	33.73 -0.41 0.00	32.97 -0.40 0.00	32.79 -0.40 0.00	33.25 -0.40 0.00

HUDSON AVE_GT_3 23810	34.85 1.86 -3.48	33.45 1.70 -3.81	32.16 1.67 -2.67	32.24 1.63 -3.52	32.92 1.71 -3.23	36.87 2.19 -4.66	46.29 3.35 0.00	57.98 3.70 -10.22	48.12 3.02 -9.56	42.81 3.02 -7.34	43.70 2.85 -9.15	43.19 2.82 -10.72	43.12 2.75 -11.06	43.65 2.67 -12.23	46.85 2.44 -17.55	49.85 2.39 -20.63	68.21 2.53 -38.78	90.18 3.80 -43.71	77.63 3.76 -31.16	65.06 3.41 -21.97	55.30 2.73 -18.42	49.03 2.70 -12.96	45.41 2.82 -9.40	43.14 2.83 -6.67
HUDSON AVE_GT_4 23540	34.85 1.86 -3.48	33.45 1.70 -3.81	32.16 1.67 -2.67	32.24 1.63 -3.52	32.92 1.71 -3.23	36.87 2.19 -4.66	46.29 3.35 0.00	57.98 3.70 -10.22	48.12 3.02 -9.56	42.81 3.02 -7.34	43.70 2.85 -9.15	43.19 2.82 -10.72	43.12 2.75 -11.06	43.65 2.67 -12.23	46.85 2.44 -17.55	49.85 2.39 -20.63	68.21 2.53 -38.78	90.18 3.80 -43.71	77.63 3.76 -31.16	65.06 3.41 -21.97	55.30 2.73 -18.42	49.03 2.70 -12.96	45.41 2.82 -9.40	43.14 2.83 -6.67
HUDSON AVE_GT_5 23657	34.85 1.86 -3.48	33.45 1.70 -3.81	32.16 1.67 -2.67	32.24 1.63 -3.52	32.92 1.71 -3.23	36.87 2.19 -4.66	46.29 3.35 0.00	57.98 3.70 -10.22	48.12 3.02 -9.56	42.81 3.02 -7.34	43.70 2.85 -9.15	43.19 2.82 -10.72	43.12 2.75 -11.06	43.65 2.67 -12.23	46.85 2.44 -17.55	49.85 2.39 -20.63	68.21 2.53 -38.78	90.18 3.80 -43.71	77.63 3.76 -31.16	65.06 3.41 -21.97	55.30 2.73 -18.42	49.03 2.70 -12.96	45.41 2.82 -9.40	43.14 2.83 -6.67
HUDSON_AVE_10 24168	34.74 1.74 -3.48	33.34 1.59 -3.81	32.05 1.56 -2.67	32.13 1.52 -3.52	32.81 1.60 -3.23	36.78 2.10 -4.66	46.16 3.22 0.00	57.89 3.61 -10.22	48.05 2.95 -9.56	42.74 2.95 -7.34	43.60 2.76 -9.15	43.07 2.70 -10.72	43.00 2.64 -11.06	43.54 2.56 -12.23	46.77 2.36 -17.55	49.77 2.31 -20.63	68.13 2.45 -38.78	90.06 3.67 -43.71	77.50 3.63 -31.16	64.94 3.29 -21.97	55.19 2.63 -18.42	48.93 2.60 -12.96	45.31 2.72 -9.40	43.04 2.73 -6.67
HUDSON___115KV_TB 4 355613	35.36 1.65 -4.20	34.09 1.56 -4.59	32.68 1.64 -3.22	32.88 1.54 -4.24	33.48 1.60 -3.89	37.38 1.74 -5.62	45.73 2.79 0.00	58.76 2.38 -12.33	48.94 1.95 -11.44	42.83 1.59 -8.79	44.17 1.52 -10.96	43.79 1.30 -12.84	43.89 1.35 -13.25	44.77 1.38 -14.64	49.21 1.34 -21.01	53.01 1.48 -24.70	70.55 1.21 -42.44	97.18 2.18 -52.33	82.43 2.14 -37.57	68.15 1.98 -26.50	58.35 1.84 -22.36	50.70 1.70 -15.63	46.12 1.59 -11.34	43.27 1.58 -8.04
HUNTER MOUNT___DRP 323613	35.25 1.65 -4.09	34.00 1.59 -4.47	32.65 1.70 -3.13	32.80 1.57 -4.13	33.43 1.65 -3.79	37.29 1.80 -5.48	45.99 3.05 0.00	58.43 2.38 -12.00	48.67 1.99 -11.14	42.56 1.56 -8.55	43.82 1.46 -10.67	43.36 1.22 -12.50	43.49 1.29 -12.90	44.33 1.32 -14.25	48.63 1.32 -20.46	52.39 1.50 -24.05	69.41 1.24 -41.27	95.93 2.30 -50.95	81.50 2.22 -36.56	67.52 2.06 -25.78	57.82 1.95 -21.73	50.34 1.77 -15.21	45.82 1.59 -11.03	43.09 1.62 -7.82
HUNTINGTON_RES_REC 323705	36.82 3.19 -4.12	35.24 2.88 -4.43	34.03 2.84 -3.37	34.08 2.77 -4.22	34.69 2.88 -3.82	38.74 3.54 -5.18	52.22 5.32 -3.95	64.08 5.60 -14.43	53.36 4.41 -13.41	44.43 4.19 -7.79	45.13 3.96 -9.48	46.88 3.80 -13.44	46.25 3.75 -13.20	48.95 3.68 -16.52	53.26 3.47 -22.94	62.41 3.46 -32.11	84.86 3.55 -54.41	119.28 5.59 -71.01	98.89 5.55 -50.63	87.88 5.12 -43.09	73.77 4.27 -35.36	65.41 4.14 -27.90	51.98 4.38 -14.41	47.97 4.34 -9.98
HUNTLEY___63 23557	28.89 -1.42 -0.80	27.41 -1.40 -0.87	26.96 -1.47 -0.61	26.52 -1.38 -0.81	27.33 -1.40 -0.74	29.79 -1.29 -1.07	41.05 -1.89 0.00	43.40 -3.00 -2.34	35.65 -2.06 -2.17	32.53 -1.59 -1.67	32.15 -1.62 -2.08	30.63 -1.45 -2.43	30.55 -1.26 -2.51	30.32 -1.21 -2.78	29.55 -1.29 -3.98	30.42 -1.10 -4.68	33.45 -1.40 -7.94	46.52 -2.13 -5.98	47.19 -2.56 -7.03	42.33 -2.30 -4.96	36.59 -1.71 -4.16	34.62 -1.67 -2.93	33.85 -1.46 -2.12	33.98 -1.18 -1.50
HUNTLEY___64 23558	28.89 -1.42 -0.80	27.41 -1.40 -0.87	26.96 -1.47 -0.61	26.52 -1.38 -0.81	27.33 -1.40 -0.74	29.79 -1.29 -1.07	41.05 -1.89 0.00	43.40 -3.00 -2.34	35.65 -2.06 -2.17	32.53 -1.59 -1.67	32.15 -1.62 -2.08	30.63 -1.45 -2.43	30.55 -1.26 -2.51	30.32 -1.21 -2.78	29.55 -1.29 -3.98	30.42 -1.10 -4.68	33.45 -1.40 -7.94	46.52 -2.13 -5.98	47.19 -2.56 -7.03	42.33 -2.30 -4.96	36.59 -1.71 -4.16	34.62 -1.67 -2.93	33.85 -1.46 -2.12	33.98 -1.18 -1.50
HUNTLEY___65 23559	28.89 -1.42 -0.80	27.41 -1.40 -0.87	26.96 -1.47 -0.61	26.52 -1.38 -0.81	27.33 -1.40 -0.74	29.79 -1.29 -1.07	41.05 -1.89 0.00	43.40 -3.00 -2.34	35.65 -2.06 -2.17	32.53 -1.59 -1.67	32.15 -1.62 -2.08	30.63 -1.45 -2.43	30.55 -1.26 -2.51	30.32 -1.21 -2.78	29.55 -1.29 -3.98	30.42 -1.10 -4.68	33.45 -1.40 -7.94	46.52 -2.13 -5.98	47.19 -2.56 -7.03	42.33 -2.30 -4.96	36.59 -1.71 -4.16	34.62 -1.67 -2.93	33.85 -1.46 -2.12	33.98 -1.18 -1.50
HUNTLEY___66 23560	28.89 -1.42 -0.80	27.41 -1.40 -0.87	26.96 -1.47 -0.61	26.52 -1.38 -0.81	27.33 -1.40 -0.74	29.79 -1.29 -1.07	41.05 -1.89 0.00	43.40 -3.00 -2.34	35.65 -2.06 -2.17	32.53 -1.59 -1.67	32.15 -1.62 -2.08	30.63 -1.45 -2.43	30.55 -1.26 -2.51	30.32 -1.21 -2.78	29.55 -1.29 -3.98	30.42 -1.10 -4.68	33.45 -1.40 -7.94	46.52 -2.13 -5.98	47.19 -2.56 -7.03	42.33 -2.30 -4.96	36.59 -1.71 -4.16	34.62 -1.67 -2.93	33.85 -1.46 -2.12	33.98 -1.18 -1.50
HUNTLEY___67 23561	28.75 -1.56 -0.81	27.25 -1.56 -0.88	26.83 -1.61 -0.62	26.40 -1.52 -0.82	27.20 -1.54 -0.75	29.62 -1.47 -1.08	40.83 -2.10 0.00	43.16 -3.26 -2.37	35.43 -2.31 -2.20	32.35 -1.78 -1.69	31.96 -1.84 -2.10	30.48 -1.63 -2.46	30.38 -1.47 -2.54	30.21 -1.35 -2.81	29.47 -1.42 -4.03	30.34 -1.23 -4.74	33.38 -1.56 -8.04	45.52 -2.73 -5.58	47.02 -2.82 -7.12	42.15 -2.54 -5.02	36.44 -1.91 -4.21	34.46 -1.87 -2.96	33.68 -1.66 -2.15	33.83 -1.35 -1.52
HUNTLEY___68 23562	28.75 -1.56 -0.81	27.25 -1.56 -0.88	26.83 -1.61 -0.62	26.40 -1.52 -0.82	27.20 -1.54 -0.75	29.62 -1.47 -1.08	40.83 -2.10 0.00	43.16 -3.26 -2.37	35.43 -2.31 -2.20	32.35 -1.78 -1.69	31.96 -1.84 -2.10	30.48 -1.63 -2.46	30.38 -1.47 -2.54	30.21 -1.35 -2.81	29.47 -1.42 -4.03	30.34 -1.23 -4.74	33.38 -1.56 -8.04	45.52 -2.73 -5.58	47.02 -2.82 -7.12	42.15 -2.54 -5.02	36.44 -1.91 -4.21	34.46 -1.87 -2.96	33.68 -1.66 -2.15	33.83 -1.35 -1.52
HYLAND___LFGE 323620	30.79 0.41 -0.86	29.24 0.36 -0.94	28.79 0.31 -0.66	28.24 0.27 -0.87	29.10 0.31 -0.80	31.74 0.57 -1.15	44.10 1.16 0.00	47.38 0.79 -2.53	38.56 0.67 -2.35	34.70 0.45 -1.80	34.26 0.32 -2.25	32.51 0.24 -2.63	32.31 0.29 -2.71	32.09 0.35 -3.00	31.48 0.32 -4.31	32.46 0.56 -5.06	36.08 0.64 -8.53	69.47 1.62 -25.17	51.91 1.58 -7.61	46.63 1.59 -5.37	40.05 1.40 -4.50	37.77 1.24 -3.17	36.62 1.13 -2.30	36.39 1.11 -1.63
INDECK___CORINTH 23802	35.74 1.77 -4.46	34.46 1.65 -4.88	32.83 1.59 -3.42	33.12 1.52 -4.51	33.67 1.54 -4.14	37.73 1.74 -5.98	45.65 2.71 0.00	59.85 2.69 -13.11	49.91 2.20 -12.16	43.54 1.75 -9.34	44.86 1.52 -11.65	44.74 1.45 -13.64	44.84 1.46 -14.08	45.77 1.47 -15.56	50.45 1.26 -22.33	54.24 1.15 -26.25	73.27 1.24 -45.12	100.66 2.39 -55.60	84.47 2.13 -39.62	69.59 1.98 -27.94	59.85 1.88 -23.83	51.55 1.70 -16.48	46.74 1.59 -11.96	44.18 2.05 -8.48

INDECK___ILION 23567	29.92 0.32 -0.09	28.31 0.28 -0.09	28.14 0.25 -0.07	27.45 0.27 -0.09	28.35 0.28 -0.08	30.49 0.36 -0.11	43.58 0.64 0.00	44.96 0.66 -0.25	36.31 0.53 -0.23	33.08 0.45 -0.18	32.36 0.44 -0.22	30.30 0.39 -0.26	29.89 0.32 -0.27	29.34 0.29 -0.30	27.55 0.27 -0.43	27.64 0.30 -0.51	28.10 0.32 -0.87	44.35 0.60 -1.08	44.09 0.60 -0.77	40.77 0.56 -0.54	35.07 0.48 -0.45	34.19 0.50 -0.32	33.96 0.53 -0.23	34.35 0.54 -0.17
INDECK___OLEAN 23982	28.85 -1.54 -0.87	27.30 -1.59 -0.95	26.93 -1.56 -0.67	26.51 -1.46 -0.88	27.31 -1.48 -0.81	29.86 -1.32 -1.17	42.03 -0.90 0.00	43.83 -2.77 -2.56	35.83 -2.06 -2.35	32.57 -1.69 -1.81	32.27 -1.68 -2.25	30.83 -1.45 -2.64	30.65 -1.38 -2.72	30.46 -1.29 -3.01	29.78 -1.40 -4.32	30.68 -1.23 -5.08	33.98 -1.48 -8.55	47.53 -2.00 -6.86	47.92 -2.48 -7.68	42.87 -2.22 -5.42	36.94 -1.74 -4.54	34.93 -1.63 -3.19	34.08 -1.43 -2.32	33.98 -1.31 -1.64
INDECK___OSWEGO 23783	29.45 -0.59 -0.53	27.92 -0.59 -0.58	27.64 -0.59 -0.41	27.03 -0.60 -0.53	27.86 -0.62 -0.49	29.94 -0.78 -0.71	41.78 -1.16 0.00	44.55 -1.06 -1.55	36.24 -0.78 -1.48	32.90 -0.68 -1.13	32.50 -0.60 -1.42	30.77 -0.53 -1.66	30.48 -0.53 -1.71	30.15 -0.49 -1.89	29.11 -0.46 -2.71	29.60 -0.43 -3.19	31.88 -0.46 -5.44	48.70 -0.73 -6.76	46.88 -0.64 -4.80	42.42 -0.64 -3.39	36.43 -0.55 -2.84	34.80 -0.57 -2.00	34.01 -0.63 -1.45	34.00 -0.67 -1.03
INDECK___YERKES 23781	28.92 -1.39 -0.80	27.44 -1.37 -0.87	27.04 -1.39 -0.61	26.55 -1.35 -0.80	27.36 -1.37 -0.74	29.82 -1.26 -1.07	41.01 -1.93 0.00	43.26 -3.13 -2.34	35.68 -2.02 -2.16	32.49 -1.62 -1.66	32.15 -1.62 -2.07	30.65 -1.42 -2.42	30.51 -1.29 -2.50	30.30 -1.21 -2.76	29.56 -1.26 -3.96	30.42 -1.07 -4.66	33.47 -1.37 -7.94	46.56 -2.09 -5.98	47.26 -2.52 -7.07	42.40 -2.26 -4.98	36.65 -1.67 -4.18	34.67 -1.63 -2.94	33.90 -1.43 -2.13	34.02 -1.14 -1.51
INDIAN POINT_GT_1 24139	34.67 1.71 -3.45	33.30 1.59 -3.77	32.05 1.59 -2.64	32.18 1.60 -3.48	32.84 1.65 -3.20	36.73 2.10 -4.62	46.12 3.18 0.00	57.61 3.44 -10.12	47.85 2.77 -9.54	42.47 2.69 -7.32	43.46 2.63 -9.14	42.90 2.55 -10.70	42.83 2.49 -11.04	43.37 2.41 -12.20	46.60 2.23 -17.51	49.62 2.20 -20.59	68.34 2.29 -39.15	89.84 3.54 -43.62	77.27 3.46 -31.09	64.77 3.17 -21.93	55.12 2.59 -18.38	48.87 2.57 -12.93	45.16 2.59 -9.38	42.93 2.62 -6.65
INDIAN POINT_GT_2 23659	34.67 1.71 -3.45	33.30 1.59 -3.77	32.05 1.59 -2.64	32.18 1.60 -3.48	32.84 1.65 -3.20	36.73 2.10 -4.62	46.12 3.18 0.00	57.61 3.44 -10.12	47.85 2.77 -9.54	42.47 2.69 -7.32	43.46 2.63 -9.14	42.90 2.55 -10.70	42.83 2.49 -11.04	43.37 2.41 -12.20	46.60 2.23 -17.51	49.62 2.20 -20.59	68.34 2.29 -39.15	89.84 3.54 -43.62	77.27 3.46 -31.09	64.77 3.17 -21.93	55.12 2.59 -18.38	48.87 2.57 -12.93	45.16 2.59 -9.38	42.93 2.62 -6.65
INDIAN POINT_GT_3 24019	34.67 1.71 -3.45	33.30 1.59 -3.77	32.05 1.59 -2.64	32.18 1.60 -3.48	32.84 1.65 -3.20	36.73 2.10 -4.62	46.12 3.18 0.00	57.61 3.44 -10.12	47.85 2.77 -9.54	42.47 2.69 -7.32	43.46 2.63 -9.14	42.90 2.55 -10.70	42.83 2.49 -11.04	43.37 2.41 -12.20	46.60 2.23 -17.51	49.62 2.20 -20.59	68.34 2.29 -39.15	89.84 3.54 -43.62	77.27 3.46 -31.09	64.77 3.17 -21.93	55.12 2.59 -18.38	48.87 2.57 -12.93	45.16 2.59 -9.38	42.93 2.62 -6.65
INDIAN POINT___2 23530	34.59 1.68 -3.40	33.19 1.54 -3.72	31.73 1.36 -2.54	32.26 1.63 -3.54	32.92 1.68 -3.25	36.84 2.13 -4.70	46.16 3.22 0.00	57.74 3.39 -10.30	47.84 2.74 -9.56	42.48 2.69 -7.34	43.48 2.63 -9.15	42.95 2.58 -10.72	42.91 2.55 -11.06	43.45 2.47 -12.23	46.66 2.26 -17.55	49.72 2.25 -20.63	68.11 2.31 -38.89	89.95 3.58 -43.69	77.35 3.50 -31.13	64.84 3.21 -21.96	55.17 2.63 -18.40	48.92 2.60 -12.95	45.21 2.62 -9.40	42.97 2.66 -6.66
INDIAN POINT___3 23531	34.67 1.71 -3.45	33.27 1.56 -3.78	31.97 1.50 -2.64	32.07 1.49 -3.48	32.75 1.57 -3.20	36.61 1.98 -4.62	45.90 2.96 0.00	57.31 3.13 -10.13	47.44 2.49 -9.41	42.07 2.40 -7.22	43.05 2.35 -9.01	42.48 2.28 -10.55	42.44 2.26 -10.89	42.97 2.18 -12.03	46.11 1.99 -17.27	49.12 1.99 -20.30	68.43 2.04 -39.48	88.85 3.16 -43.02	76.50 3.12 -30.66	64.15 2.86 -21.62	54.60 2.32 -18.13	48.43 2.30 -12.75	44.80 2.36 -9.25	42.56 2.36 -6.56
INGHAM_C_115KV_TB7 356103	30.10 0.50 -0.09	28.45 0.42 -0.09	28.31 0.42 -0.07	27.62 0.43 -0.09	28.52 0.45 -0.08	30.70 0.57 -0.11	43.93 0.99 0.00	45.27 0.97 -0.25	36.56 0.78 -0.23	33.28 0.65 -0.18	32.55 0.63 -0.22	30.44 0.53 -0.26	30.01 0.44 -0.27	29.42 0.37 -0.30	27.61 0.32 -0.43	27.72 0.38 -0.51	28.21 0.43 -0.87	44.48 0.73 -1.08	44.26 0.77 -0.77	40.97 0.75 -0.54	35.24 0.65 -0.45	34.39 0.70 -0.32	34.22 0.80 -0.23	34.66 0.84 -0.17
IP CORINTH___1 23988	35.92 1.95 -4.46	34.63 1.82 -4.88	32.97 1.73 -3.42	33.25 1.65 -4.50	33.80 1.68 -4.13	37.91 1.92 -5.97	45.82 2.88 0.00	60.10 2.95 -13.09	50.12 2.42 -12.16	43.73 1.95 -9.33	45.05 1.71 -11.64	44.92 1.63 -13.64	45.02 1.64 -14.07	45.94 1.64 -15.56	50.58 1.40 -22.32	54.39 1.32 -26.24	73.43 1.40 -45.12	100.91 2.65 -55.59	84.73 2.39 -39.62	69.84 2.22 -27.94	60.02 2.05 -23.83	51.72 1.87 -16.48	46.94 1.79 -11.96	44.38 2.25 -8.48
IP___TICONDEROGA 23804	37.48 3.51 -4.46	36.08 3.27 -4.87	34.35 3.12 -3.41	34.60 3.01 -4.50	35.25 3.13 -4.13	39.46 3.48 -5.97	48.26 5.32 0.00	62.55 5.42 -13.08	52.09 4.41 -12.14	45.44 3.67 -9.32	46.65 3.33 -11.63	46.35 3.08 -13.62	46.43 3.08 -14.06	47.33 3.05 -15.54	51.94 2.79 -22.30	55.83 2.79 -26.21	74.93 2.96 -45.06	103.74 5.55 -55.52	87.33 5.04 -39.57	72.22 4.64 -27.90	62.21 4.27 -23.80	53.77 3.94 -16.46	48.72 3.58 -11.94	46.09 3.97 -8.47
ISLIP_RES_REC 323679	37.32 3.69 -4.12	35.69 3.32 -4.43	34.47 3.28 -3.37	34.48 3.17 -4.22	35.14 3.33 -3.82	39.28 4.08 -5.18	53.03 6.14 -3.95	64.87 6.39 -14.43	54.00 5.04 -13.41	44.98 4.74 -7.79	45.70 4.53 -9.48	47.45 4.36 -13.44	46.77 4.28 -13.20	49.46 4.20 -16.52	53.71 3.92 -22.94	62.94 4.00 -32.11	85.43 4.12 -54.41	120.17 6.48 -71.01	99.79 6.45 -50.63	88.71 5.95 -43.09	74.45 4.95 -35.36	66.04 4.77 -27.90	52.58 4.98 -14.41	48.58 4.95 -9.98
JAMAICA__27_KV_LOAD 355505	34.74 1.74 -3.48	33.34 1.59 -3.81	32.05 1.56 -2.67	32.10 1.49 -3.52	32.78 1.57 -3.23	36.84 2.16 -4.66	46.33 3.39 0.00	58.11 3.83 -10.22	48.26 3.16 -9.56	42.90 3.12 -7.34	43.64 2.79 -9.15	43.10 2.73 -10.72	43.03 2.67 -11.06	43.56 2.59 -12.23	46.80 2.39 -17.55	49.80 2.33 -20.63	68.21 2.53 -38.78	90.23 3.84 -43.71	77.68 3.80 -31.16	65.14 3.49 -21.97	55.30 2.73 -18.42	49.00 2.67 -12.96	45.45 2.85 -9.40	43.11 2.79 -6.67
JANIS___SOLAR 323808	31.92 1.33 -1.08	30.26 1.15 -1.18	29.76 1.11 -0.83	29.30 1.11 -1.09	30.16 1.18 -1.00	32.93 1.47 -1.44	45.82 2.88 0.00	50.25 3.04 -3.16	40.95 2.45 -2.96	36.80 2.08 -2.27	36.56 2.03 -2.83	34.80 1.84 -3.32	34.45 1.73 -3.42	34.26 1.72 -3.78	33.84 1.56 -5.43	34.96 1.74 -6.38	39.57 1.91 -10.76	61.02 3.33 -15.01	55.63 3.33 -9.58	49.44 3.01 -6.76	42.37 2.56 -5.67	39.69 2.33 -3.98	38.34 2.26 -2.89	37.85 2.16 -2.05

JARVIS____ 23743	29.68 0.09 -0.09	28.11 0.08 -0.09	27.97 0.08 -0.07	27.27 0.08 -0.09	28.15 0.08 -0.08	30.25 0.12 -0.11	43.20 0.26 0.00	44.52 0.22 -0.25	35.99 0.21 -0.24	32.83 0.20 -0.18	32.11 0.19 -0.23	30.06 0.15 -0.27	29.69 0.12 -0.27	29.14 0.09 -0.30	27.37 0.08 -0.44	27.46 0.11 -0.51	27.91 0.14 -0.87	43.97 0.21 -1.08	43.70 0.21 -0.77	40.45 0.24 -0.54	34.76 0.17 -0.45	33.89 0.20 -0.32	33.62 0.20 -0.23	34.02 0.20 -0.16
JENNISON____1 23625	32.48 1.74 -1.23	30.73 1.45 -1.34	30.18 1.42 -0.94	29.82 1.49 -1.24	30.69 1.57 -1.14	33.60 1.95 -1.64	46.85 3.91 0.00	51.66 4.01 -3.60	42.18 3.31 -3.33	37.86 2.86 -2.56	37.71 2.82 -3.19	35.91 2.52 -3.74	35.50 2.34 -3.86	35.28 2.27 -4.26	35.02 2.04 -6.12	36.31 2.28 -7.19	41.60 2.45 -12.25	63.14 4.22 -16.25	57.83 4.14 -10.97	51.22 3.81 -7.74	43.81 3.18 -6.49	40.87 2.94 -4.56	39.39 2.89 -3.31	38.76 2.76 -2.35
JENNISON____2 23626	32.48 1.74 -1.23	30.73 1.45 -1.34	30.18 1.42 -0.94	29.82 1.49 -1.24	30.69 1.57 -1.14	33.60 1.95 -1.64	46.85 3.91 0.00	51.66 4.01 -3.60	42.18 3.31 -3.33	37.86 2.86 -2.56	37.71 2.82 -3.19	35.91 2.52 -3.74	35.50 2.34 -3.86	35.28 2.27 -4.26	35.02 2.04 -6.12	36.31 2.28 -7.19	41.60 2.45 -12.25	63.14 4.22 -16.25	57.83 4.14 -10.97	51.22 3.81 -7.74	43.81 3.18 -6.49	40.87 2.94 -4.56	39.39 2.89 -3.31	38.76 2.76 -2.35
JERICHO_RISE_WT_PWR 323719	28.83 -0.68 0.00	27.43 -0.50 0.00	27.35 -0.47 0.00	26.61 -0.49 0.00	27.51 -0.48 0.00	29.53 -0.48 0.00	42.38 -0.56 0.00	43.35 -0.71 0.00	34.51 -1.03 0.00	31.09 -1.36 0.00	30.04 -1.65 0.00	-1.24 -1.75 29.14	-9.73 -1.70 37.33	-9.69 -1.67 36.77	-9.58 -1.56 34.88	-9.57 -1.61 34.80	-9.58 -1.56 34.93	-10.00 -2.31 50.37	-10.00 -2.39 50.33	-10.00 -2.18 47.49	-10.00 -1.91 42.23	-1.74 -1.87 33.24	-1.60 -1.89 32.90	31.73 -1.92 0.00
KATONAH____115KV_46KV_TB4 355592	34.99 1.95 -3.53	33.58 1.79 -3.86	32.28 1.75 -2.70	32.39 1.73 -3.56	33.02 1.76 -3.27	36.93 2.19 -4.73	46.24 3.31 0.00	58.16 3.74 -10.36	48.21 3.02 -9.64	42.74 2.89 -7.40	43.78 2.85 -9.23	43.19 2.73 -10.82	43.13 2.67 -11.16	43.67 2.59 -12.34	46.95 2.39 -17.70	50.06 2.42 -20.81	66.24 2.48 -36.86	90.70 3.93 -44.10	77.95 3.80 -31.43	65.25 3.41 -22.16	55.63 2.90 -18.59	49.31 2.87 -13.07	45.46 2.79 -9.48	43.13 2.76 -6.72
KCE_NY_1 323755	36.00 2.03 -4.45	34.70 1.90 -4.87	33.10 1.86 -3.41	33.38 1.79 -4.50	33.99 1.88 -4.13	38.08 2.10 -5.96	46.07 3.13 0.00	60.25 3.13 -13.07	50.23 2.56 -12.13	43.97 2.21 -9.31	45.40 2.09 -11.62	45.21 1.96 -13.61	45.30 1.96 -14.04	46.19 1.93 -15.52	50.93 1.80 -22.27	54.81 1.80 -26.18	73.74 1.83 -45.00	101.27 3.16 -55.44	85.26 3.03 -39.51	70.35 2.82 -27.86	60.43 2.53 -23.76	52.21 2.40 -16.44	47.40 2.29 -11.92	44.56 2.46 -8.45
KCE_NY_6_ESR 323823	29.01 -1.33 -0.83	27.50 -1.34 -0.90	27.09 -1.36 -0.63	26.63 -1.30 -0.83	27.41 -1.34 -0.76	29.92 -1.20 -1.10	41.35 -1.59 0.00	43.56 -2.91 -2.42	35.85 -1.92 -2.23	32.61 -1.56 -1.71	32.28 -1.55 -2.14	30.82 -1.33 -2.50	30.68 -1.20 -2.58	30.48 -1.12 -2.86	29.77 -1.18 -4.10	30.66 -0.99 -4.82	33.83 -1.29 -8.21	45.92 -2.22 -5.47	47.67 -2.35 -7.30	42.72 -2.10 -5.15	36.92 -1.54 -4.32	34.90 -1.50 -3.04	34.10 -1.29 -2.20	34.17 -1.04 -1.56
KEDC_PORT_JEFF_GT2 24210	37.07 3.48 -4.08	35.45 3.13 -4.39	34.25 3.12 -3.32	34.27 3.01 -4.17	34.93 3.16 -3.78	39.00 3.84 -5.15	52.68 5.79 -3.95	64.47 5.99 -14.43	53.72 4.76 -13.41	44.69 4.48 -7.76	45.45 4.28 -9.48	47.18 4.09 -13.44	46.53 4.04 -13.19	49.21 3.94 -16.52	53.50 3.71 -22.94	62.70 3.76 -32.11	85.05 3.74 -54.41	119.58 5.89 -71.01	99.24 5.90 -50.63	88.20 5.44 -43.09	74.11 4.61 -35.36	65.57 4.47 -27.73	52.31 4.71 -14.41	48.31 4.68 -9.98
KEDC_PORT_JEFF_GT3 24211	37.07 3.48 -4.08	35.45 3.13 -4.39	34.25 3.12 -3.32	34.27 3.01 -4.17	34.93 3.16 -3.78	39.00 3.84 -5.15	52.68 5.79 -3.95	64.47 5.99 -14.43	53.72 4.76 -13.41	44.69 4.48 -7.76	45.45 4.28 -9.48	47.18 4.09 -13.44	46.53 4.04 -13.19	49.21 3.94 -16.52	53.50 3.71 -22.94	62.70 3.76 -32.11	85.05 3.74 -54.41	119.58 5.89 -71.01	99.24 5.90 -50.63	88.20 5.44 -43.09	74.11 4.61 -35.36	65.57 4.47 -27.73	52.31 4.71 -14.41	48.31 4.68 -9.98
KEDC_GLWD_GT4 24219	37.88 2.36 -6.01	36.43 2.18 -6.32	35.38 2.14 -5.42	35.47 2.11 -6.25	35.71 2.18 -5.54	39.31 2.70 -6.60	51.05 3.99 -4.12	62.53 4.05 -14.42	52.39 3.38 -13.47	44.87 3.31 -9.11	44.50 3.23 -9.57	46.24 3.14 -13.45	45.91 3.08 -13.53	48.26 2.99 -16.52	52.48 2.69 -22.94	61.60 2.66 -32.11	84.06 2.75 -54.41	117.91 4.23 -71.01	97.53 4.19 -50.63	86.61 3.85 -43.09	72.65 3.14 -35.37	71.02 3.10 -34.55	50.70 3.12 -14.39	46.90 3.26 -9.98
KEDC_GLWD_GT5 24220	37.88 2.36 -6.01	36.43 2.18 -6.32	35.38 2.14 -5.42	35.47 2.11 -6.25	35.71 2.18 -5.54	39.31 2.70 -6.60	51.05 3.99 -4.12	62.53 4.05 -14.42	52.39 3.38 -13.47	44.87 3.31 -9.11	44.50 3.23 -9.57	46.24 3.14 -13.45	45.91 3.08 -13.53	48.26 2.99 -16.52	52.48 2.69 -22.94	61.60 2.66 -32.11	84.06 2.75 -54.41	117.91 4.23 -71.01	97.53 4.19 -50.63	86.61 3.85 -43.09	72.65 3.14 -35.37	71.02 3.10 -34.55	50.70 3.12 -14.39	46.90 3.26 -9.98
KENSICO____ 23655	34.79 1.80 -3.48	33.41 1.68 -3.80	32.16 1.67 -2.66	32.23 1.63 -3.51	32.92 1.71 -3.22	36.83 2.16 -4.66	46.16 3.22 0.00	57.74 3.48 -10.20	47.90 2.81 -9.55	42.50 2.73 -7.33	43.47 2.63 -9.14	42.93 2.58 -10.71	42.87 2.52 -11.05	43.40 2.44 -12.21	46.64 2.26 -17.53	49.67 2.23 -20.60	68.24 2.31 -39.02	89.87 3.54 -43.66	77.34 3.50 -31.12	64.83 3.21 -21.94	55.17 2.63 -18.40	48.88 2.57 -12.94	45.20 2.62 -9.39	42.96 2.66 -6.66
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.31 1.48 -3.33	32.91 1.34 -3.64	31.65 1.28 -2.55	31.73 1.27 -3.36	32.42 1.34 -3.08	36.30 1.83 -4.46	45.73 2.79 0.00	56.64 2.82 -9.76	46.87 2.27 -9.05	41.51 2.11 -6.95	42.36 2.00 -8.67	41.72 1.93 -10.15	41.71 1.93 -10.47	42.22 1.90 -11.58	45.21 1.75 -16.61	47.98 1.61 -19.53	61.52 1.64 -32.98	86.66 2.60 -41.39	74.85 2.61 -29.53	62.84 2.34 -20.82	53.56 1.95 -17.48	47.82 2.17 -12.28	44.29 2.19 -8.91	42.15 2.19 -6.32
KIAC_JFK_GT1 23816	34.65 1.65 -3.48	33.25 1.51 -3.81	31.97 1.47 -2.67	32.05 1.44 -3.52	32.70 1.48 -3.23	36.75 2.07 -4.66	46.20 3.26 0.00	57.98 3.70 -10.22	48.16 3.06 -9.56	42.77 2.99 -7.34	43.51 2.66 -9.15	43.01 2.64 -10.72	42.94 2.58 -11.06	43.48 2.50 -12.23	46.71 2.31 -17.55	49.72 2.25 -20.63	68.11 2.42 -38.78	90.10 3.71 -43.71	77.50 3.63 -31.16	64.98 3.33 -21.97	55.16 2.59 -18.42	48.86 2.54 -12.96	45.35 2.75 -9.40	43.01 2.69 -6.67
KIAC_JFK_GT2 23817	34.65 1.65 -3.48	33.25 1.51 -3.81	31.97 1.47 -2.67	32.05 1.44 -3.52	32.70 1.48 -3.23	36.75 2.07 -4.66	46.20 3.26 0.00	57.98 3.70 -10.22	48.16 3.06 -9.56	42.77 2.99 -7.34	43.51 2.66 -9.15	43.01 2.64 -10.72	42.94 2.58 -11.06	43.48 2.50 -12.23	46.71 2.31 -17.55	49.72 2.25 -20.63	68.11 2.42 -38.78	90.10 3.71 -43.71	77.50 3.63 -31.16	64.98 3.33 -21.97	55.16 2.59 -18.42	48.86 2.54 -12.96	45.35 2.75 -9.40	43.01 2.69 -6.67

KIAC_JFK____ 323774	34.65 1.65 -3.48	33.25 1.51 -3.81	31.99 1.47 -2.69	32.08 1.44 -3.54	32.72 1.48 -3.25	36.78 2.07 -4.70	46.16 3.22 0.00	57.92 3.57 -10.30	48.05 2.95 -9.56	42.71 2.92 -7.34	43.48 2.63 -9.16	43.01 2.64 -10.73	42.95 2.58 -11.07	43.46 2.47 -12.24	46.72 2.31 -17.56	49.73 2.25 -20.64	68.11 2.42 -38.78	90.10 3.71 -43.72	77.50 3.63 -31.15	64.97 3.33 -21.97	55.16 2.59 -18.42	48.86 2.53 -12.96	45.35 2.75 -9.40	43.01 2.69 -6.66
KINTIGH____ 23543	28.99 -1.27 -0.74	27.49 -1.26 -0.81	27.09 -1.31 -0.57	26.63 -1.22 -0.75	27.45 -1.23 -0.69	29.81 -1.20 -1.00	40.88 -2.06 0.00	43.50 -2.73 -2.18	35.68 -1.88 -2.02	32.54 -1.46 -1.55	32.17 -1.46 -1.94	30.64 -1.27 -2.27	30.50 -1.14 -2.34	30.27 -1.06 -2.59	29.47 -1.10 -3.72	30.24 -0.97 -4.37	33.11 -1.21 -7.41	47.14 -2.35 -6.81	47.02 -2.26 -6.57	42.28 -2.02 -4.63	36.49 -1.54 -3.88	34.60 -1.50 -2.73	33.81 -1.36 -1.98	33.94 -1.11 -1.41
KNTFSRNC_46_KV_46KV_LOAD 80397	29.18 -0.32 0.00	27.77 -0.17 0.00	27.68 -0.14 0.00	26.91 -0.19 0.00	27.85 -0.14 0.00	29.95 -0.06 0.00	43.20 0.26 0.00	44.18 0.13 0.00	34.97 -0.57 0.00	31.41 -1.04 0.00	30.30 -1.39 0.00	0.01 -1.33 28.30	-7.90 -0.94 36.26	-7.89 -0.92 35.72	-7.83 -0.81 33.88	-7.80 -0.83 33.80	-7.77 -0.75 33.93	-6.98 -0.73 48.92	-7.11 -0.94 48.88	-7.45 -0.99 46.13	-7.70 -0.82 41.02	0.01 -1.07 32.29	-0.02 -1.26 31.95	32.10 -1.55 0.00
LACHUTE____HYDRO 323717	37.48 3.51 -4.46	36.07 3.27 -4.87	34.35 3.12 -3.42	34.61 3.01 -4.50	35.26 3.13 -4.13	39.46 3.48 -5.97	48.30 5.37 0.00	62.51 5.37 -13.09	52.09 4.41 -12.15	45.44 3.67 -9.32	46.65 3.33 -11.63	46.36 3.08 -13.62	46.44 3.08 -14.06	47.33 3.05 -15.54	51.95 2.79 -22.30	55.84 2.79 -26.21	74.93 2.96 -45.06	103.74 5.55 -55.52	87.32 5.04 -39.57	72.21 4.64 -27.90	62.24 4.30 -23.80	53.76 3.94 -16.46	48.72 3.59 -11.94	46.08 3.97 -8.46
LAWRNCV_115KV_TB1 80681	29.12 -0.47 -0.09	27.75 -0.28 -0.09	27.72 -0.17 -0.07	26.99 -0.19 -0.09	27.73 -0.34 -0.08	29.56 -0.57 -0.12	42.29 -0.64 0.00	43.64 -0.66 -0.25	35.03 -0.75 -0.24	31.79 -0.84 -0.18	31.06 -0.86 -0.23	32.58 -0.89 -3.82	33.26 -0.88 -4.83	32.65 -0.89 -4.79	30.77 -0.78 -4.69	30.66 -0.94 -4.76	31.20 -0.86 -5.16	48.61 -1.32 -7.26	48.28 -1.37 -6.94	44.88 -1.15 -6.36	38.80 -0.96 -5.62	36.82 -0.93 -4.39	36.62 -0.83 -4.26	33.04 -0.77 -0.17
LEDERLE____ 23769	34.64 1.77 -3.36	33.22 1.62 -3.67	31.92 1.53 -2.57	32.00 1.52 -3.39	32.69 1.60 -3.11	36.55 2.04 -4.49	45.94 3.01 0.00	57.03 3.13 -9.85	47.07 2.45 -9.07	41.78 2.37 -6.97	42.66 2.28 -8.69	42.05 2.22 -10.18	42.03 2.23 -10.50	42.51 2.16 -11.61	45.48 1.96 -16.66	48.41 1.99 -19.58	59.22 2.02 -30.30	87.29 3.12 -41.50	75.41 3.12 -29.58	63.35 2.82 -20.86	53.96 2.32 -17.50	47.97 2.30 -12.30	44.44 2.32 -8.93	42.30 2.32 -6.33
LIGHTHSE_115KV_TB6 355974	29.59 -0.41 -0.49	28.02 -0.45 -0.54	27.75 -0.45 -0.38	27.16 -0.43 -0.50	28.00 -0.45 -0.45	30.16 -0.51 -0.66	42.29 -0.64 0.00	44.96 -0.53 -1.44	36.45 -0.43 -1.33	33.08 -0.39 -1.02	32.59 -0.38 -1.28	30.79 -0.36 -1.50	30.49 -0.35 -1.54	30.14 -0.32 -1.71	29.06 -0.24 -2.45	29.48 -0.24 -2.88	31.71 -0.19 -4.99	48.66 -0.21 -6.20	46.97 -0.17 -4.42	42.71 -0.08 -3.12	36.62 -0.14 -2.61	35.01 -0.20 -1.84	34.26 -0.27 -1.33	34.22 -0.37 -0.95
LINDEN COGEN____ 23786	34.68 1.68 -3.48	33.28 1.54 -3.81	32.01 1.50 -2.69	32.13 1.49 -3.54	32.78 1.54 -3.25	36.76 2.04 -4.70	45.99 3.05 0.00	57.66 3.31 -10.30	47.77 2.67 -9.56	42.52 2.73 -7.34	43.48 2.63 -9.16	43.01 2.64 -10.73	42.95 2.58 -11.07	43.46 2.47 -12.24	46.70 2.28 -17.56	49.68 2.20 -20.64	68.00 2.31 -38.78	89.89 3.50 -43.72	77.29 3.42 -31.15	64.77 3.13 -21.97	55.02 2.46 -18.42	48.83 2.50 -12.96	45.18 2.59 -9.40	42.94 2.63 -6.66
LINDHRST_69_KV_BK1 356055	37.62 3.22 -4.89	36.07 2.93 -5.20	34.90 2.89 -4.18	34.94 2.82 -5.02	35.42 2.94 -4.49	39.34 3.60 -5.72	52.32 5.32 -4.06	64.08 5.68 -14.35	53.50 4.51 -13.44	45.03 4.25 -8.33	45.23 4.02 -9.51	46.94 3.85 -13.44	46.41 3.78 -13.33	48.97 3.71 -16.51	53.27 3.49 -22.93	62.42 3.49 -32.09	84.86 3.55 -54.40	119.15 5.46 -71.01	98.77 5.42 -50.63	87.80 5.04 -43.09	73.67 4.17 -35.37	68.08 4.10 -30.61	51.91 4.31 -14.41	47.94 4.31 -9.98
LIPA_MISC_IPP 23656	37.04 3.48 -4.05	35.45 3.16 -4.36	34.21 3.12 -3.27	34.22 3.01 -4.11	34.88 3.16 -3.73	38.98 3.87 -5.09	52.72 5.84 -3.95	64.52 6.12 -14.35	53.78 4.83 -13.41	44.73 4.54 -7.74	45.47 4.31 -9.47	47.20 4.12 -13.43	46.52 4.04 -13.18	49.23 3.97 -16.51	53.46 3.68 -22.93	62.69 3.76 -32.09	85.18 3.87 -54.40	119.74 6.06 -71.01	99.41 6.07 -50.63	88.36 5.59 -43.09	74.15 4.64 -35.36	65.49 4.47 -27.65	52.31 4.71 -14.41	48.31 4.68 -9.98
LISF____SOLAR 323691	37.14 3.57 -4.06	35.51 3.21 -4.37	34.29 3.17 -3.30	34.31 3.06 -4.15	34.97 3.22 -3.76	39.11 3.96 -5.14	52.81 5.93 -3.95	64.60 6.12 -14.43	53.78 4.83 -13.41	44.74 4.54 -7.75	45.51 4.34 -9.48	47.27 4.18 -13.44	46.59 4.10 -13.18	49.29 4.02 -16.52	53.55 3.76 -22.94	62.75 3.81 -32.11	85.27 3.96 -54.41	119.92 6.23 -71.01	99.58 6.24 -50.63	88.51 5.75 -43.09	74.25 4.74 -35.36	65.62 4.57 -27.68	52.41 4.81 -14.41	48.41 4.78 -9.98
LITTLE FALLS____HYD 24013	30.10 0.50 -0.09	28.45 0.42 -0.09	28.31 0.42 -0.07	27.62 0.43 -0.09	28.52 0.45 -0.08	30.70 0.57 -0.11	43.93 0.99 0.00	45.27 0.97 -0.25	36.56 0.78 -0.23	33.28 0.65 -0.18	32.55 0.63 -0.22	30.44 0.53 -0.26	30.01 0.44 -0.27	29.42 0.37 -0.30	27.61 0.32 -0.43	27.72 0.38 -0.51	28.21 0.43 -0.87	44.48 0.73 -1.08	44.26 0.77 -0.77	40.97 0.75 -0.54	35.24 0.65 -0.45	34.39 0.70 -0.32	34.22 0.80 -0.23	34.66 0.84 -0.17
LITTLRIV_115KV_TB1 356100	29.39 -0.21 -0.09	27.98 -0.06 -0.10	27.95 0.06 -0.07	27.24 0.05 -0.09	27.99 -0.08 -0.09	29.90 -0.24 -0.12	42.81 -0.13 0.00	44.28 -0.04 -0.27	35.51 -0.28 -0.26	32.19 -0.45 -0.20	31.43 -0.51 -0.25	33.43 -0.56 -4.34	34.20 -0.59 -5.49	33.59 -0.60 -5.44	31.64 -0.54 -5.32	31.56 -0.67 -5.39	32.17 -0.57 -5.82	50.15 -0.73 -8.21	49.76 -0.81 -7.86	46.25 -0.63 -7.21	40.07 -0.44 -6.37	37.88 -0.47 -4.98	37.63 -0.40 -4.83	33.46 -0.37 -0.18
LI_NEWBRDGE____DRP 323616	35.62 2.51 -3.60	34.16 2.32 -3.91	32.91 2.31 -2.78	32.97 2.25 -3.62	33.66 2.35 -3.32	37.62 2.85 -4.75	50.99 4.17 -3.89	62.85 4.45 -14.35	52.52 3.59 -13.39	43.34 3.47 -7.42	44.37 3.23 -9.45	46.19 3.11 -13.43	45.47 3.08 -13.10	48.25 2.99 -16.51	52.58 2.79 -22.93	61.67 2.74 -32.09	84.11 2.80 -54.40	117.99 4.31 -71.01	97.62 4.27 -50.63	86.69 3.93 -43.09	72.75 3.24 -35.36	62.63 3.20 -26.06	50.98 3.39 -14.40	47.03 3.40 -9.98
LOCKPORT_115KV_TB60_63_64 80432	28.78 -1.50 -0.78	27.28 -1.51 -0.85	26.86 -1.56 -0.60	26.42 -1.46 -0.79	27.23 -1.48 -0.72	29.65 -1.41 -1.04	40.88 -2.06 0.00	43.08 -3.26 -2.29	35.39 -2.27 -2.12	32.29 -1.78 -1.63	31.92 -1.81 -2.03	30.39 -1.63 -2.38	30.29 -1.47 -2.45	30.08 -1.38 -2.71	29.32 -1.42 -3.89	30.17 -1.23 -4.57	33.13 -1.53 -7.76	46.43 -2.56 -6.32	46.77 -2.82 -6.87	42.02 -2.50 -4.85	36.36 -1.84 -4.06	34.39 -1.84 -2.86	33.67 -1.59 -2.07	33.81 -1.31 -1.47

LOCKPORT___CC1 323769	28.79 -1.50 -0.78	27.28 -1.51 -0.86	26.89 -1.53 -0.60	26.40 -1.49 -0.79	27.20 -1.51 -0.72	29.65 -1.41 -1.05	40.70 -2.23 0.00	42.73 -3.61 -2.29	35.28 -2.38 -2.12	32.13 -1.95 -1.63	31.82 -1.90 -2.03	30.34 -1.69 -2.38	30.17 -1.58 -2.45	29.96 -1.50 -2.71	29.27 -1.48 -3.89	30.12 -1.29 -4.57	33.09 -1.61 -7.79	46.09 -2.73 -6.15	46.76 -2.91 -6.94	41.95 -2.62 -4.90	36.37 -1.88 -4.11	34.42 -1.84 -2.89	33.66 -1.63 -2.10	33.82 -1.31 -1.49
LOCKPORT___CC2 323770	28.79 -1.50 -0.78	27.28 -1.51 -0.86	26.89 -1.53 -0.60	26.40 -1.49 -0.79	27.20 -1.51 -0.72	29.65 -1.41 -1.05	40.70 -2.23 0.00	42.73 -3.61 -2.29	35.28 -2.38 -2.12	32.13 -1.95 -1.63	31.82 -1.90 -2.03	30.34 -1.69 -2.38	30.17 -1.58 -2.45	29.96 -1.50 -2.71	29.27 -1.48 -3.89	30.12 -1.29 -4.57	33.09 -1.61 -7.79	46.09 -2.73 -6.15	46.76 -2.91 -6.94	41.95 -2.62 -4.90	36.37 -1.88 -4.11	34.42 -1.84 -2.89	33.66 -1.63 -2.10	33.82 -1.31 -1.49
LOCKPORT___CC3 323771	28.79 -1.50 -0.78	27.28 -1.51 -0.86	26.89 -1.53 -0.60	26.40 -1.49 -0.79	27.20 -1.51 -0.72	29.65 -1.41 -1.05	40.70 -2.23 0.00	42.73 -3.61 -2.29	35.28 -2.38 -2.12	32.13 -1.95 -1.63	31.82 -1.90 -2.03	30.34 -1.69 -2.38	30.17 -1.58 -2.45	29.96 -1.50 -2.71	29.27 -1.48 -3.89	30.12 -1.29 -4.57	33.09 -1.61 -7.79	46.09 -2.73 -6.15	46.76 -2.91 -6.94	41.95 -2.62 -4.90	36.37 -1.88 -4.11	34.42 -1.84 -2.89	33.66 -1.63 -2.10	33.82 -1.31 -1.49
LONG LAKE PHOENIX 24014	29.62 -0.44 -0.55	28.06 -0.47 -0.60	27.77 -0.47 -0.42	27.19 -0.46 -0.55	28.02 -0.48 -0.51	30.15 -0.60 -0.74	42.04 -0.90 0.00	44.87 -0.79 -1.61	36.47 -0.57 -1.49	33.11 -0.49 -1.15	32.71 -0.41 -1.43	30.97 -0.36 -1.68	30.68 -0.35 -1.73	30.37 -0.29 -1.91	29.33 -0.27 -2.74	29.82 -0.24 -3.22	32.24 -0.27 -5.61	49.21 -0.43 -6.97	47.30 -0.38 -4.97	42.82 -0.36 -3.50	36.73 -0.34 -2.93	35.07 -0.37 -2.07	34.26 -0.43 -1.50	34.24 -0.47 -1.06
LOVETT___3 23632	34.53 1.65 -3.37	33.13 1.51 -3.68	31.82 1.42 -2.58	31.91 1.41 -3.40	32.59 1.48 -3.12	36.41 1.89 -4.51	45.77 2.83 0.00	56.89 2.95 -9.89	46.93 2.27 -9.11	41.65 2.21 -7.00	42.54 2.12 -8.73	41.97 2.11 -10.22	41.93 2.08 -10.55	42.42 2.01 -11.66	45.41 1.83 -16.73	48.33 1.82 -19.67	59.06 1.88 -30.27	87.21 2.86 -41.68	75.28 2.86 -29.71	63.24 2.62 -20.95	53.83 2.12 -17.57	47.83 2.10 -12.36	44.31 2.16 -8.96	42.16 2.15 -6.36
LOVETT___4 23642	34.53 1.65 -3.37	33.13 1.51 -3.68	31.82 1.42 -2.58	31.91 1.41 -3.40	32.59 1.48 -3.12	36.41 1.89 -4.51	45.77 2.83 0.00	56.89 2.95 -9.89	46.93 2.27 -9.11	41.65 2.21 -7.00	42.54 2.12 -8.73	41.97 2.11 -10.22	41.93 2.08 -10.55	42.42 2.01 -11.66	45.41 1.83 -16.73	48.33 1.82 -19.67	59.06 1.88 -30.27	87.21 2.86 -41.68	75.28 2.86 -29.71	63.24 2.62 -20.95	53.83 2.12 -17.57	47.83 2.10 -12.36	44.31 2.16 -8.96	42.16 2.15 -6.36
LOVETT___5 23593	34.53 1.65 -3.37	33.13 1.51 -3.68	31.82 1.42 -2.58	31.91 1.41 -3.40	32.59 1.48 -3.12	36.41 1.89 -4.51	45.77 2.83 0.00	56.89 2.95 -9.89	46.93 2.27 -9.11	41.65 2.21 -7.00	42.54 2.12 -8.73	41.97 2.11 -10.22	41.93 2.08 -10.55	42.42 2.01 -11.66	45.41 1.83 -16.73	48.33 1.82 -19.67	59.06 1.88 -30.27	87.21 2.86 -41.68	75.28 2.86 -29.71	63.24 2.62 -20.95	53.83 2.12 -17.57	47.83 2.10 -12.36	44.31 2.16 -8.96	42.16 2.15 -6.36
LOWER RAQUET___HYD 24057	29.08 -0.53 -0.10	27.71 -0.33 -0.11	27.62 -0.28 -0.07	26.95 -0.24 -0.10	27.69 -0.39 -0.09	29.51 -0.63 -0.13	41.82 -1.12 0.00	43.72 -0.62 -0.28	34.96 -0.85 -0.27	31.72 -0.94 -0.21	31.00 -0.95 -0.26	33.26 -1.01 -4.62	34.14 -1.00 -5.84	33.59 -0.95 -5.79	31.63 -0.89 -5.66	31.50 -1.07 -5.74	32.11 -0.97 -6.17	49.88 -1.49 -8.70	49.52 -1.54 -8.34	46.02 -1.31 -7.65	39.85 -1.06 -6.77	37.59 -1.07 -5.29	37.40 -0.93 -5.14	32.96 -0.88 -0.19
LOWER___HUDSON 24059	35.51 1.62 -4.38	34.23 1.51 -4.79	32.68 1.50 -3.36	32.98 1.46 -4.42	33.56 1.51 -4.06	37.62 1.74 -5.87	45.47 2.53 0.00	59.42 2.51 -12.86	49.54 2.06 -11.93	43.43 1.82 -9.16	44.96 1.84 -11.43	44.72 1.69 -13.38	44.81 1.70 -13.81	45.68 1.67 -15.27	50.32 1.56 -21.91	54.17 1.58 -25.75	72.74 1.53 -44.30	99.74 2.52 -54.55	84.06 2.48 -38.87	69.42 2.34 -27.41	59.54 2.08 -23.31	51.54 2.00 -16.17	46.88 1.96 -11.73	44.02 2.05 -8.32
LOWVILLE_115KV_TB2 356335	29.81 0.06 -0.24	28.20 0.00 -0.26	28.01 0.00 -0.18	27.39 0.05 -0.24	28.24 0.03 -0.22	30.42 0.09 -0.32	43.07 0.13 0.00	45.02 0.26 -0.70	36.30 0.11 -0.65	33.01 0.06 -0.50	32.38 0.06 -0.62	31.61 -0.03 -1.99	31.58 -0.09 -2.36	31.05 -0.11 -2.42	29.69 0.13 -2.70	29.93 0.19 -2.91	31.00 0.16 -3.94	48.16 0.30 -5.19	47.38 0.34 -4.32	44.11 0.87 -3.57	37.86 0.65 -3.07	36.20 0.50 -2.33	35.72 0.46 -2.07	34.45 0.34 -0.46
LUTHERFT_115KV_GLOB_FND_222 355753	35.97 2.01 -4.45	34.70 1.90 -4.87	33.07 1.84 -3.41	33.38 1.79 -4.49	33.96 1.85 -4.12	38.07 2.10 -5.96	45.99 3.05 0.00	60.19 3.08 -13.06	50.19 2.52 -12.13	43.93 2.17 -9.31	45.40 2.09 -11.61	45.18 1.93 -13.60	45.27 1.93 -14.04	46.19 1.93 -15.51	50.89 1.77 -22.26	54.80 1.80 -26.17	73.71 1.80 -45.00	101.23 3.12 -55.44	85.22 2.99 -39.51	70.31 2.78 -27.87	60.40 2.49 -23.76	52.17 2.37 -16.44	47.37 2.26 -11.92	44.53 2.42 -8.45
LUTHERNY_35_KV_BK2 355980	36.00 2.04 -4.45	34.70 1.90 -4.87	33.10 1.86 -3.41	33.38 1.79 -4.49	33.99 1.88 -4.12	38.07 2.10 -5.96	46.03 3.09 0.00	60.24 3.13 -13.06	50.23 2.56 -12.13	43.96 2.21 -9.31	45.43 2.12 -11.61	45.21 1.96 -13.60	45.30 1.96 -14.04	46.22 1.95 -15.51	50.92 1.80 -22.26	54.80 1.80 -26.17	73.74 1.83 -45.00	101.27 3.16 -55.44	85.26 3.03 -39.51	70.35 2.82 -27.87	60.43 2.53 -23.76	52.21 2.40 -16.44	47.41 2.29 -11.92	44.56 2.46 -8.45
LWR___OSWEGATCHIE_HYD 23850	29.16 -0.53 -0.18	27.68 -0.45 -0.19	27.57 -0.39 -0.14	26.92 -0.35 -0.18	27.71 -0.45 -0.16	29.68 -0.57 -0.24	42.25 -0.69 0.00	43.96 -0.62 -0.52	35.35 -0.68 -0.49	32.11 -0.71 -0.37	31.43 -0.73 -0.47	32.36 -0.77 -3.48	32.83 -0.79 -4.33	32.27 -0.80 -4.33	30.65 -0.62 -4.41	30.72 -0.67 -4.56	31.63 -0.62 -5.34	49.11 -0.90 -7.34	48.50 -0.90 -6.68	45.04 -0.56 -5.92	38.82 -0.51 -5.19	36.82 -0.57 -4.02	36.46 -0.53 -3.80	33.42 -0.57 -0.34
LYONS_FALL_HYD 23570	30.00 0.26 -0.22	28.38 0.20 -0.25	28.19 0.20 -0.17	27.57 0.24 -0.23	28.42 0.22 -0.21	30.64 0.33 -0.30	43.50 0.56 0.00	45.46 0.75 -0.66	36.69 0.53 -0.62	33.38 0.45 -0.48	32.73 0.44 -0.59	31.52 0.33 -1.54	31.36 0.26 -1.80	31.01 0.40 -1.86	29.38 0.38 -2.15	29.61 0.43 -2.35	30.65 0.46 -3.29	47.73 0.77 -4.29	47.00 0.81 -3.47	43.54 1.07 -2.80	37.39 0.85 -2.40	35.87 0.70 -1.80	35.42 0.66 -1.56	34.65 0.57 -0.43
MADISON___COUNTY_LFGE 323628	30.58 0.71 -0.36	28.94 0.61 -0.39	28.71 0.61 -0.28	28.08 0.62 -0.36	29.00 0.67 -0.33	31.28 0.78 -0.48	44.40 1.46 0.00	46.74 1.63 -1.06	37.84 1.32 -0.98	34.34 1.14 -0.75	33.77 1.14 -0.94	31.76 1.01 -1.10	31.40 0.97 -1.14	30.95 0.95 -1.26	29.57 0.91 -1.80	29.92 0.97 -2.12	31.58 1.02 -3.65	48.87 1.66 -4.53	47.61 1.67 -3.23	43.54 1.59 -2.28	37.35 1.30 -1.91	35.88 1.17 -1.34	35.29 1.13 -0.98	35.45 1.11 -0.69

MALONE___115KV_TB1 356076	29.10 -0.41 0.00	27.68 -0.25 0.00	27.63 -0.19 0.00	26.85 -0.24 0.00	27.74 -0.25 0.00	29.77 -0.24 0.00	42.90 -0.04 0.00	43.92 -0.13 0.00	34.90 -0.64 0.00	31.51 -0.94 0.00	30.49 -1.20 0.00	46.93 -1.30 -18.58	51.85 -1.26 -23.81	50.96 -1.24 -23.45	47.97 -1.13 -22.24	47.79 -1.23 -22.19	48.02 -1.16 -22.27	73.26 -1.54 -32.12	73.14 -1.67 -32.09	68.37 -1.59 -30.29	59.74 -1.33 -26.93	53.23 -1.33 -21.20	52.81 -1.36 -20.98	32.27 -1.38 0.00
MAPLEWOD_115KV_TB3 80458	35.26 1.39 -4.36	34.02 1.31 -4.77	32.50 1.34 -3.34	32.80 1.30 -4.40	33.37 1.34 -4.04	37.32 1.47 -5.84	45.00 2.06 0.00	58.92 2.07 -12.80	49.17 1.74 -11.89	43.13 1.56 -9.13	44.66 1.58 -11.39	44.44 1.45 -13.33	44.50 1.44 -13.76	45.40 1.44 -15.21	50.05 1.37 -21.83	53.89 1.40 -25.66	72.40 1.35 -44.15	99.21 2.18 -54.36	83.64 2.18 -38.75	69.02 2.02 -27.32	59.11 1.81 -23.16	51.25 1.77 -16.12	46.61 1.73 -11.69	43.65 1.72 -8.29
MAPLE_RIDGE_WT_1 323574	28.98 -0.53 0.00	27.46 -0.48 0.00	27.38 -0.45 0.00	26.66 -0.43 0.00	27.51 -0.48 0.00	29.41 -0.60 0.00	42.12 -0.82 0.00	43.30 -0.75 0.00	34.90 -0.64 0.00	31.80 -0.65 0.00	30.97 -0.73 0.00	28.85 -0.80 0.00	28.42 -0.88 0.00	27.80 -0.95 0.00	25.97 -0.89 0.00	25.95 -0.88 0.00	26.10 -0.81 0.00	41.48 -1.19 0.00	41.57 -1.15 0.00	38.68 -0.99 0.00	33.32 -0.82 0.00	32.63 -0.73 0.00	32.53 -0.66 0.00	33.04 -0.60 0.00
MAPLE_RIDGE_WT_2 323611	28.98 -0.53 0.00	27.46 -0.48 0.00	27.38 -0.45 0.00	26.66 -0.43 0.00	27.51 -0.48 0.00	29.41 -0.60 0.00	42.12 -0.82 0.00	43.30 -0.75 0.00	34.90 -0.64 0.00	31.80 -0.65 0.00	30.97 -0.73 0.00	28.85 -0.80 0.00	28.42 -0.88 0.00	27.80 -0.95 0.00	25.97 -0.89 0.00	25.95 -0.88 0.00	26.10 -0.81 0.00	41.48 -1.19 0.00	41.57 -1.15 0.00	38.68 -0.99 0.00	33.32 -0.82 0.00	32.63 -0.73 0.00	32.53 -0.66 0.00	33.04 -0.60 0.00
MARBLE_RIVER_WT_PWR 323696	28.89 -0.62 0.00	27.46 -0.48 0.00	27.38 -0.45 0.00	26.64 -0.46 0.00	27.54 -0.45 0.00	29.56 -0.45 0.00	42.47 -0.47 0.00	43.30 -0.75 0.00	34.48 -1.07 0.00	31.06 -1.39 0.00	29.98 -1.71 0.00	0.91 -1.78 26.96	-7.00 -1.76 34.54	-7.00 -1.72 34.02	-7.00 -1.58 32.27	-7.00 -1.64 32.20	-7.00 -1.59 32.32	-6.41 -2.48 46.61	-6.41 -2.56 46.57	-6.65 -2.38 43.94	-6.92 -1.98 39.08	0.67 -1.94 30.76	0.79 -1.96 30.44	31.70 -1.95 0.00
MARSHVLE_115KV_TB1 80742	36.52 1.65 -5.36	35.27 1.48 -5.86	33.32 1.39 -4.10	33.89 1.38 -5.41	34.49 1.54 -4.96	39.08 1.89 -7.17	46.16 3.22 0.00	63.03 3.26 -15.72	52.69 2.56 -14.59	45.70 2.04 -11.20	47.54 1.87 -13.97	47.68 1.66 -16.37	47.80 1.61 -16.89	49.03 1.61 -18.67	55.04 1.40 -26.79	59.91 1.58 -31.49	82.58 1.75 -53.92	112.72 3.33 -66.72	93.39 3.12 -47.55	76.06 2.86 -33.53	65.06 2.56 -28.35	55.65 2.50 -19.78	49.67 2.12 -14.35	45.81 1.99 -10.17
MARSH_HILL_WT_PWR 323713	30.01 -0.47 -0.97	28.50 -0.50 -1.06	28.09 -0.47 -0.74	27.59 -0.49 -0.98	28.36 -0.53 -0.90	30.96 -0.36 -1.30	42.51 -0.43 0.00	45.81 -1.10 -2.85	37.48 -0.71 -2.65	33.90 -0.58 -2.03	33.56 -0.67 -2.54	32.05 -0.56 -2.97	31.90 -0.47 -3.06	31.79 -0.34 -3.39	31.26 -0.46 -4.86	32.31 -0.24 -5.71	36.05 -0.48 -9.63	72.04 -0.64 -30.01	50.34 -0.90 -8.52	44.97 -0.71 -6.01	38.84 -0.34 -5.04	36.61 -0.30 -3.54	35.50 -0.27 -2.57	35.37 -0.10 -1.82
MCINTYRE_115KV_TB2 80467	29.59 0.00 -0.08	28.16 0.14 -0.09	28.11 0.22 -0.06	27.43 0.24 -0.08	28.18 0.11 -0.08	30.15 0.03 -0.11	43.71 0.77 0.00	45.13 0.84 -0.25	36.13 0.39 -0.20	32.73 0.13 -0.15	31.91 0.03 -0.19	32.38 -0.09 -2.82	32.74 -0.12 -3.56	32.17 -0.11 -3.53	30.28 -0.05 -3.48	30.23 -0.13 -3.53	30.79 0.03 -3.86	48.35 0.26 -5.42	48.08 0.21 -5.15	44.61 0.24 -4.70	38.22 -0.07 -4.15	36.51 -0.10 -3.24	36.26 -0.07 -3.13	33.72 -0.07 -0.14
MECO___69_KV_BK1 80468	37.52 2.89 -5.12	36.15 2.63 -5.60	34.25 2.50 -3.92	34.75 2.49 -5.16	35.47 2.74 -4.74	40.01 3.15 -6.85	48.01 5.07 0.00	64.31 5.24 -15.01	53.67 4.19 -13.94	46.59 3.44 -10.70	48.18 3.14 -13.34	48.03 2.76 -15.63	48.21 2.78 -16.13	49.28 2.70 -17.83	55.02 2.58 -25.59	59.75 2.84 -30.07	81.49 3.04 -51.54	111.93 5.55 -63.71	93.17 5.04 -45.41	76.34 4.64 -32.02	65.55 4.27 -27.14	56.26 4.00 -18.89	50.25 3.35 -13.70	46.49 3.13 -9.71
MENANDS__115KV_TB5 355628	35.08 1.21 -4.36	33.87 1.17 -4.76	32.36 1.20 -3.34	32.66 1.17 -4.40	33.23 1.20 -4.03	37.13 1.29 -5.83	44.74 1.80 0.00	58.64 1.81 -12.78	48.90 1.49 -11.87	42.92 1.36 -9.11	44.45 1.39 -11.37	44.24 1.27 -13.31	44.33 1.29 -13.74	45.23 1.29 -15.18	49.85 1.21 -21.79	53.68 1.23 -25.61	72.16 1.18 -44.07	98.82 1.88 -54.27	83.28 1.88 -38.68	68.69 1.75 -27.28	58.82 1.57 -23.11	50.99 1.53 -16.09	46.39 1.53 -11.67	43.47 1.55 -8.28
MG INDUSTRY___DRP 24185	34.90 1.06 -4.33	33.68 1.01 -4.74	32.17 1.03 -3.32	32.47 1.00 -4.37	33.04 1.04 -4.01	36.98 1.17 -5.80	44.57 1.63 0.00	58.35 1.59 -12.71	48.66 1.32 -11.80	42.74 1.23 -9.06	44.23 1.24 -11.30	44.04 1.16 -13.24	44.14 1.17 -13.66	45.00 1.15 -15.10	49.60 1.07 -21.67	53.38 1.07 -25.47	71.91 1.18 -43.83	98.61 1.96 -53.97	82.61 1.92 -37.97	68.24 1.79 -26.78	58.35 1.64 -22.57	50.73 1.57 -15.80	46.18 1.53 -11.46	43.32 1.55 -8.12
MID___OSWEGATCHIE_HYD 23849	29.16 -0.53 -0.18	27.68 -0.45 -0.19	27.57 -0.39 -0.14	26.92 -0.35 -0.18	27.71 -0.45 -0.16	29.68 -0.57 -0.24	42.25 -0.69 0.00	43.96 -0.62 -0.52	35.35 -0.68 -0.49	32.11 -0.71 -0.37	31.43 -0.73 -0.47	32.36 -0.77 -3.48	32.83 -0.79 -4.33	32.27 -0.80 -4.33	30.65 -0.62 -4.41	30.72 -0.67 -4.56	31.63 -0.62 -5.34	49.11 -0.90 -7.34	48.50 -0.90 -6.68	45.04 -0.56 -5.92	38.82 -0.51 -5.19	36.82 -0.57 -4.02	36.46 -0.53 -3.80	33.42 -0.57 -0.34
MID___RAQUETTE_HYD 23851	29.08 -0.53 -0.10	27.70 -0.34 -0.11	27.67 -0.22 -0.07	26.95 -0.24 -0.10	27.69 -0.39 -0.09	29.51 -0.63 -0.13	42.17 -0.77 0.00	43.59 -0.75 -0.28	34.96 -0.85 -0.27	31.68 -0.97 -0.21	30.97 -0.98 -0.26	33.25 -1.01 -4.61	34.14 -1.00 -5.83	33.52 -1.01 -5.78	31.62 -0.89 -5.65	31.49 -1.07 -5.73	32.08 -1.00 -6.17	49.88 -1.49 -8.70	49.52 -1.54 -8.34	46.02 -1.31 -7.66	39.85 -1.06 -6.77	37.59 -1.07 -5.29	37.40 -0.93 -5.14	32.96 -0.87 -0.19
MILLIKEN___1 23584	31.03 0.59 -0.93	29.48 0.53 -1.01	29.06 0.53 -0.71	28.52 0.49 -0.93	29.35 0.50 -0.86	31.91 0.66 -1.24	44.10 1.16 0.00	48.09 1.32 -2.72	39.20 1.14 -2.52	35.39 1.01 -1.93	35.09 0.98 -2.41	33.42 0.95 -2.82	33.15 0.94 -2.91	32.95 0.98 -3.22	32.36 0.89 -4.62	33.24 0.97 -5.43	37.12 1.00 -9.22	57.55 1.66 -13.21	52.60 1.62 -8.26	47.00 1.51 -5.82	40.29 1.26 -4.88	37.97 1.17 -3.44	36.75 1.06 -2.49	36.43 1.01 -1.77
MILLIKEN___2 23585	31.03 0.59 -0.93	29.48 0.53 -1.01	29.06 0.53 -0.71	28.52 0.49 -0.93	29.35 0.50 -0.86	31.91 0.66 -1.24	44.10 1.16 0.00	48.09 1.32 -2.72	39.20 1.14 -2.52	35.39 1.01 -1.93	35.09 0.98 -2.41	33.42 0.95 -2.82	33.15 0.94 -2.91	32.95 0.98 -3.22	32.36 0.89 -4.62	33.24 0.97 -5.43	37.12 1.00 -9.22	57.55 1.66 -13.21	52.60 1.62 -8.26	47.00 1.51 -5.82	40.29 1.26 -4.88	37.97 1.17 -3.44	36.75 1.06 -2.49	36.43 1.01 -1.77

MILLIKEN___DIESEL 23629	31.03 0.59 -0.93	29.48 0.53 -1.01	29.06 0.53 -0.71	28.52 0.49 -0.93	29.35 0.50 -0.86	31.91 0.66 -1.24	44.10 1.16 0.00	48.09 1.32 -2.72	39.20 1.14 -2.52	35.39 1.01 -1.93	35.09 0.98 -2.41	33.42 0.95 -2.82	33.15 0.94 -2.91	32.95 0.98 -3.22	32.36 0.89 -4.62	33.24 0.97 -5.43	37.12 1.00 -9.22	57.55 1.66 -13.21	52.60 1.62 -8.26	47.00 1.51 -5.82	40.29 1.26 -4.88	37.97 1.17 -3.44	36.75 1.06 -2.49	36.43 1.01 -1.77
MILLSEAT___LFGE 323607	29.24 -1.03 -0.77	27.74 -1.03 -0.84	27.32 -1.09 -0.59	26.84 -1.03 -0.77	27.69 -1.01 -0.71	30.14 -0.90 -1.02	41.56 -1.38 0.00	43.87 -2.42 -2.25	36.12 -1.49 -2.07	32.88 -1.17 -1.59	32.54 -1.14 -1.99	30.97 -1.01 -2.33	30.79 -0.91 -2.40	30.57 -0.83 -2.65	29.80 -0.86 -3.81	30.62 -0.70 -4.48	33.59 -0.94 -7.63	47.83 -1.45 -6.61	47.77 -1.75 -6.81	42.96 -1.51 -4.80	37.11 -1.06 -4.03	35.10 -1.10 -2.83	34.28 -0.96 -2.05	34.40 -0.71 -1.46
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.72 1.74 -3.47	33.34 1.62 -3.79	32.06 1.59 -2.65	32.17 1.57 -3.50	32.85 1.65 -3.21	36.72 2.07 -4.64	46.07 3.13 0.00	57.57 3.35 -10.17	47.78 2.70 -9.54	42.40 2.63 -7.32	43.39 2.57 -9.13	42.83 2.49 -10.69	42.77 2.43 -11.04	43.33 2.39 -12.20	46.54 2.18 -17.51	49.59 2.17 -20.58	68.37 2.23 -39.24	89.73 3.46 -43.60	77.17 3.37 -31.08	64.68 3.09 -21.92	55.04 2.53 -18.38	48.80 2.50 -12.93	45.13 2.56 -9.38	42.86 2.56 -6.65
MILLWOOD_13_KV_LOAD 356217	34.80 1.83 -3.47	33.40 1.68 -3.79	32.15 1.67 -2.65	32.25 1.65 -3.50	32.88 1.68 -3.21	36.78 2.13 -4.64	46.16 3.22 0.00	57.74 3.52 -10.17	47.92 2.84 -9.54	42.53 2.76 -7.32	43.52 2.69 -9.13	42.95 2.61 -10.69	42.89 2.55 -11.04	43.42 2.47 -12.20	46.64 2.28 -17.51	49.69 2.28 -20.58	68.48 2.34 -39.24	89.95 3.67 -43.60	77.38 3.59 -31.08	64.84 3.25 -21.92	55.22 2.70 -18.38	48.97 2.67 -12.93	45.23 2.66 -9.38	42.96 2.66 -6.65
MODEL_CITY_ENERGY 24167	28.53 -1.77 -0.79	27.06 -1.73 -0.86	26.67 -1.75 -0.60	26.18 -1.71 -0.79	26.98 -1.74 -0.73	29.39 -1.68 -1.05	40.32 -2.62 0.00	42.44 -3.92 -2.31	35.04 -2.63 -2.13	31.94 -2.14 -1.64	31.61 -2.12 -2.04	30.11 -1.93 -2.39	29.98 -1.79 -2.47	29.78 -1.70 -2.73	29.10 -1.67 -3.91	29.96 -1.48 -4.60	32.94 -1.80 -7.83	45.97 -2.94 -6.24	46.45 -3.25 -6.98	41.70 -2.89 -4.92	36.05 -2.22 -4.13	34.10 -2.17 -2.90	33.37 -1.93 -2.11	33.53 -1.61 -1.49
MODERN_LFGE___ 323580	28.53 -1.77 -0.79	27.06 -1.73 -0.86	26.67 -1.75 -0.60	26.18 -1.71 -0.79	26.98 -1.74 -0.73	29.39 -1.68 -1.05	40.32 -2.62 0.00	42.44 -3.92 -2.31	35.04 -2.63 -2.13	31.94 -2.14 -1.64	31.61 -2.12 -2.04	30.11 -1.93 -2.39	29.98 -1.79 -2.47	29.78 -1.70 -2.73	29.10 -1.67 -3.91	29.96 -1.48 -4.60	32.94 -1.80 -7.83	45.97 -2.94 -6.24	46.45 -3.25 -6.98	41.70 -2.89 -4.92	36.05 -2.22 -4.13	34.10 -2.17 -2.90	33.37 -1.93 -2.11	33.53 -1.61 -1.49
MOHAWK_PAPER___DRP 24187	35.26 1.39 -4.36	34.02 1.31 -4.77	32.50 1.34 -3.34	32.80 1.30 -4.40	33.37 1.34 -4.04	37.32 1.47 -5.84	45.00 2.06 0.00	58.92 2.07 -12.80	49.17 1.74 -11.89	43.13 1.56 -9.13	44.66 1.58 -11.39	44.44 1.45 -13.33	44.50 1.44 -13.76	45.40 1.44 -15.21	50.05 1.37 -21.83	53.89 1.40 -25.66	72.40 1.35 -44.15	99.21 2.18 -54.36	83.64 2.18 -38.75	69.02 2.02 -27.32	59.11 1.81 -23.16	51.25 1.77 -16.12	46.61 1.73 -11.69	43.65 1.72 -8.29
MOHICAN___35_KV_115KV_LD 80490	36.18 2.21 -4.45	34.87 2.07 -4.87	33.21 1.98 -3.41	33.52 1.92 -4.50	34.07 1.96 -4.13	38.20 2.22 -5.96	46.29 3.35 0.00	60.51 3.39 -13.07	50.45 2.77 -12.14	44.07 2.30 -9.32	45.41 2.09 -11.62	45.22 1.96 -13.61	45.31 1.96 -14.05	46.23 1.95 -15.53	50.88 1.75 -22.28	54.72 1.69 -26.19	73.72 1.78 -45.04	101.41 3.24 -55.49	85.26 2.99 -39.55	70.34 2.78 -27.89	60.49 2.56 -23.79	52.19 2.37 -16.45	47.35 2.22 -11.93	44.67 2.56 -8.46
MONGAUP___HYD 23641	34.21 1.50 -3.19	32.82 1.40 -3.49	31.59 1.34 -2.43	31.63 1.33 -3.20	32.33 1.40 -2.94	36.09 1.83 -4.25	45.69 2.75 0.00	56.00 2.64 -9.31	46.24 2.06 -8.64	41.03 1.95 -6.63	41.81 1.84 -8.28	41.15 1.81 -9.69	41.15 1.85 -10.00	41.59 1.78 -11.06	44.42 1.69 -15.87	47.31 1.83 -18.65	58.71 1.86 -29.95	84.83 2.65 -39.51	73.73 2.86 -28.15	62.14 2.62 -19.85	53.05 2.25 -16.65	47.22 2.14 -11.71	43.81 2.13 -8.49	41.79 2.12 -6.02
MONTAUK___DIESEL 23721	38.11 4.54 -4.05	36.43 4.13 -4.36	35.18 4.09 -3.27	35.17 3.96 -4.12	35.86 4.14 -3.73	40.12 5.01 -5.09	54.44 7.56 -3.95	66.33 7.93 -14.35	55.20 6.26 -13.41	46.00 5.81 -7.74	46.68 5.51 -9.47	48.33 5.25 -13.43	47.69 5.22 -13.18	50.32 5.06 -16.51	54.51 4.73 -22.93	63.82 4.88 -32.09	86.47 5.17 -54.40	121.88 8.19 -71.01	101.55 8.20 -50.63	90.30 7.54 -43.09	75.68 6.18 -35.36	66.90 5.87 -27.66	53.61 6.01 -14.41	49.66 6.02 -9.98
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.65 -1.71 -0.85	27.13 -1.73 -0.93	26.69 -1.78 -0.65	26.28 -1.68 -0.86	27.04 -1.74 -0.79	29.59 -1.56 -1.14	41.18 -1.76 0.00	43.60 -2.95 -2.50	35.62 -2.24 -2.32	32.35 -1.88 -1.78	31.95 -1.96 -2.22	30.41 -1.84 -2.60	30.28 -1.70 -2.68	30.02 -1.70 -2.96	29.39 -1.72 -4.25	30.31 -1.53 -5.00	33.73 -1.64 -8.46	46.27 -2.48 -6.08	47.69 -2.52 -7.49	42.73 -2.22 -5.28	37.00 -1.57 -4.43	35.08 -1.40 -3.12	34.42 -1.03 -2.26	34.44 -0.81 -1.60
MORTIMER_115KV_TB3 55949	29.59 -0.62 -0.70	28.09 -0.61 -0.77	27.67 -0.70 -0.54	27.18 -0.62 -0.71	28.02 -0.62 -0.65	30.35 -0.60 -0.94	41.95 -0.99 0.00	44.79 -1.32 -2.06	36.64 -0.82 -1.91	33.33 -0.58 -1.47	32.99 -0.54 -1.83	31.35 -0.44 -2.14	31.16 -0.35 -2.21	30.88 -0.32 -2.45	30.02 -0.35 -3.51	30.70 -0.27 -4.13	33.52 -0.40 -7.02	49.86 -0.81 -8.00	48.08 -0.85 -6.22	43.34 -0.71 -4.39	37.27 -0.55 -3.68	35.35 -0.60 -2.59	34.50 -0.56 -1.88	34.51 -0.47 -1.33
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.85 1.86 -3.48	33.48 1.73 -3.81	32.19 1.70 -2.67	32.27 1.65 -3.52	32.95 1.74 -3.23	36.90 2.22 -4.66	46.24 3.31 0.00	57.89 3.61 -10.22	48.05 2.95 -9.56	42.71 2.92 -7.34	43.64 2.79 -9.15	43.10 2.73 -10.72	43.03 2.67 -11.06	43.57 2.59 -12.23	46.80 2.39 -17.55	49.83 2.36 -20.63	68.14 2.48 -38.76	90.15 3.76 -43.72	77.55 3.67 -31.16	65.02 3.37 -21.97	55.26 2.70 -18.43	49.03 2.70 -12.96	45.35 2.75 -9.40	43.11 2.79 -6.67
MUNSVILLE_WIND_PWR 323609	32.79 2.13 -1.15	30.98 1.79 -1.26	30.46 1.75 -0.88	30.07 1.82 -1.16	30.93 1.88 -1.07	33.92 2.37 -1.54	47.75 4.81 0.00	52.45 5.02 -3.38	42.76 4.05 -3.16	38.28 3.41 -2.43	38.08 3.36 -3.03	36.16 2.96 -3.55	35.72 2.75 -3.66	35.44 2.64 -4.05	35.05 2.39 -5.81	36.35 2.68 -6.83	41.34 2.93 -11.50	63.47 5.16 -15.63	58.10 5.12 -10.26	51.59 4.68 -7.24	44.10 3.89 -6.07	41.24 3.60 -4.27	39.84 3.55 -3.10	39.28 3.43 -2.20
N SALMON___HYD 24042	29.10 -0.41 0.00	27.68 -0.25 0.00	27.60 -0.22 0.00	26.85 -0.24 0.00	27.74 -0.25 0.00	29.77 -0.24 0.00	42.72 -0.21 0.00	43.96 -0.09 0.00	34.90 -0.64 0.00	31.51 -0.94 0.00	30.49 -1.20 0.00	46.93 -1.30 -18.58	51.85 -1.26 -23.81	50.99 -1.21 -23.45	47.97 -1.13 -22.24	47.79 -1.23 -22.19	48.02 -1.16 -22.27	73.26 -1.53 -32.12	73.14 -1.67 -32.09	68.37 -1.59 -30.29	59.71 -1.37 -26.93	53.23 -1.34 -21.20	52.81 -1.36 -20.98	32.27 -1.38 0.00

N.AKRON__115KV_KNAPP 355671	29.25 -1.03 -0.77	27.74 -1.03 -0.84	27.30 -1.11 -0.59	26.84 -1.03 -0.78	27.67 -1.04 -0.71	30.14 -0.90 -1.03	41.65 -1.29 0.00	44.02 -2.29 -2.26	36.14 -1.49 -2.09	32.95 -1.10 -1.61	32.55 -1.14 -2.00	30.96 -1.04 -2.35	30.84 -0.88 -2.42	30.62 -0.80 -2.68	29.81 -0.89 -3.84	30.62 -0.72 -4.51	33.62 -0.94 -7.66	47.72 -1.49 -6.54	47.71 -1.79 -6.78	42.91 -1.55 -4.78	37.06 -1.09 -4.01	35.06 -1.13 -2.82	34.24 -1.00 -2.05	34.36 -0.74 -1.45
N.BELMOR_69_KV_BK1 55787	38.96 2.69 -6.77	37.46 2.46 -7.07	36.49 2.45 -6.22	36.53 2.38 -7.04	36.68 2.49 -6.20	40.18 3.03 -7.13	51.66 4.42 -4.30	63.15 4.76 -14.35	52.87 3.80 -13.52	45.75 3.67 -9.64	44.72 3.42 -9.61	46.42 3.32 -13.45	46.21 3.25 -13.66	48.45 3.19 -16.51	52.74 2.95 -22.93	61.83 2.90 -32.09	84.30 2.99 -54.40	118.29 4.61 -71.01	97.83 4.49 -50.63	86.89 4.13 -43.09	72.89 3.38 -35.37	74.06 3.47 -37.22	51.21 3.62 -14.40	47.27 3.63 -9.98
N.E_GEN_SANDY PD 24062	38.00 1.65 -6.84	35.10 1.56 -5.60	33.10 1.53 -3.75	32.68 1.52 -4.07	36.68 1.57 -7.12	38.22 1.86 -6.35	51.76 2.71 -6.11	59.00 2.69 -12.26	48.79 2.20 -11.04	42.74 2.05 -8.25	44.07 2.09 -10.29	43.69 1.99 -12.05	43.70 1.96 -12.44	44.42 1.93 -13.75	49.72 1.77 -21.10	57.83 1.77 -29.22	68.77 1.75 -40.12	94.47 2.69 -49.11	80.45 2.74 -35.00	67.07 2.54 -24.86	63.31 2.15 -27.02	55.00 2.14 -19.49	46.50 2.16 -11.15	46.70 2.22 -10.83
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.58 1.71 -3.36	33.18 1.56 -3.68	31.85 1.45 -2.58	31.93 1.44 -3.39	32.62 1.51 -3.12	36.47 1.95 -4.50	45.82 2.88 0.00	56.92 3.00 -9.87	46.98 2.35 -9.09	41.67 2.24 -6.98	42.59 2.19 -8.71	41.98 2.13 -10.20	41.94 2.11 -10.53	42.42 2.04 -11.63	45.40 1.85 -16.70	48.34 1.88 -19.62	59.13 1.94 -30.28	87.20 2.94 -41.59	75.31 2.95 -29.64	63.23 2.66 -20.90	53.86 2.19 -17.53	47.87 2.17 -12.33	44.33 2.19 -8.94	42.18 2.19 -6.34
N.QUEENS_27_KV_LOAD 356247	35.06 2.07 -3.48	33.62 1.87 -3.81	32.27 1.78 -2.67	32.32 1.71 -3.52	33.01 1.79 -3.23	36.90 2.22 -4.66	45.90 2.96 0.00	57.54 3.26 -10.22	47.91 2.81 -9.56	42.64 2.86 -7.34	43.54 2.69 -9.15	43.01 2.64 -10.72	42.94 2.58 -11.06	43.48 2.50 -12.23	46.72 2.31 -17.55	49.75 2.28 -20.63	68.12 2.45 -38.77	90.14 3.76 -43.72	77.51 3.63 -31.16	64.94 3.29 -21.97	55.16 2.59 -18.42	48.90 2.57 -12.96	45.28 2.69 -9.40	43.18 2.86 -6.67
N.TROY___115KV_TB1 355778	35.51 1.62 -4.38	34.23 1.51 -4.79	32.68 1.50 -3.35	32.98 1.46 -4.42	33.56 1.51 -4.06	37.61 1.74 -5.86	45.43 2.49 0.00	59.41 2.51 -12.85	49.53 2.06 -11.93	43.46 1.85 -9.16	44.96 1.84 -11.42	44.72 1.69 -13.38	44.81 1.70 -13.81	45.68 1.67 -15.26	50.31 1.56 -21.90	54.16 1.58 -25.74	72.76 1.56 -44.30	99.73 2.52 -54.54	84.07 2.48 -38.88	69.43 2.34 -27.41	59.54 2.08 -23.32	51.54 2.00 -16.17	46.88 1.96 -11.73	44.02 2.05 -8.32
NARROWS_GT1_1 24228	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
NARROWS_GT1_2 24229	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
NARROWS_GT1_3 24230	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
NARROWS_GT1_4 24231	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
NARROWS_GT1_5 24232	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
NARROWS_GT1_6 24233	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
NARROWS_GT1_7 24234	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
NARROWS_GT1_8 24235	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
NARROWS_GT2_1 24236	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67

NARROWS_GT2_2 24237	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
NARROWS_GT2_3 24238	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
NARROWS_GT2_4 24239	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
NARROWS_GT2_5 24240	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
NARROWS_GT2_6 24241	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
NARROWS_GT2_7 24242	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.97 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
NARROWS_GT2_8 24243	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.25 1.65 -4.09	34.00 1.59 -4.47	32.65 1.70 -3.13	32.80 1.57 -4.13	33.43 1.65 -3.79	37.29 1.80 -5.48	45.99 3.05 0.00	58.43 2.38 -12.00	48.67 1.99 -11.14	42.56 1.56 -8.55	43.82 1.46 -10.67	43.36 1.22 -12.50	43.49 1.29 -12.90	44.33 1.32 -14.25	48.63 1.32 -20.46	52.39 1.50 -24.05	69.41 1.24 -41.27	95.93 2.30 -50.95	81.50 2.22 -36.56	67.52 2.06 -25.78	57.82 1.95 -21.73	50.34 1.77 -15.21	45.82 1.59 -11.03	43.09 1.62 -7.82
NCHELSEA_115KV_TR2 355582	34.82 1.80 -3.51	33.42 1.65 -3.84	32.12 1.61 -2.69	32.24 1.60 -3.54	32.89 1.65 -3.25	36.81 2.10 -4.70	46.07 3.13 0.00	57.61 3.26 -10.30	47.73 2.63 -9.56	42.28 2.50 -7.34	43.28 2.44 -9.15	42.68 2.31 -10.72	42.68 2.31 -11.06	43.24 2.27 -12.22	46.49 2.09 -17.54	49.61 2.15 -20.62	64.35 2.15 -35.29	89.79 3.41 -43.70	77.20 3.33 -31.15	64.69 3.05 -21.97	55.13 2.56 -18.42	48.83 2.50 -12.96	45.11 2.52 -9.40	42.84 2.52 -6.66
NEG CAPITAL___MECHNVIL 23645	36.03 2.10 -4.43	34.73 1.95 -4.84	33.11 1.89 -3.39	33.41 1.84 -4.47	34.00 1.90 -4.11	38.11 2.16 -5.93	46.16 3.22 0.00	60.23 3.17 -13.00	50.24 2.63 -12.07	43.98 2.27 -9.26	45.44 2.19 -11.56	45.23 2.04 -13.54	45.32 2.05 -13.97	46.23 2.04 -15.44	50.89 1.88 -22.16	54.79 1.91 -26.04	73.63 1.94 -44.78	101.17 3.33 -55.16	85.19 3.16 -39.31	70.33 2.94 -27.72	60.43 2.66 -23.62	52.22 2.50 -16.35	47.44 2.39 -11.86	44.58 2.52 -8.41
NEG CENTRAL_HIGH_ACRES 23767	29.07 -1.12 -0.69	27.59 -1.09 -0.75	27.23 -1.11 -0.52	26.70 -1.08 -0.69	27.53 -1.09 -0.63	29.82 -1.11 -0.92	41.22 -1.72 0.00	44.12 -1.94 -2.01	36.13 -1.28 -1.86	32.78 -1.10 -1.43	32.46 -1.02 -1.79	30.88 -0.86 -2.09	30.67 -0.79 -2.16	30.39 -0.75 -2.39	29.55 -0.72 -3.42	30.19 -0.67 -4.02	33.01 -0.75 -6.86	49.25 -1.32 -7.90	47.70 -1.20 -6.18	42.92 -1.11 -4.36	36.91 -0.89 -3.65	34.97 -0.97 -2.57	34.06 -0.99 -1.87	34.03 -0.94 -1.32
NEG CENTRAL___DRP 24199	30.57 0.30 -0.77	29.02 0.25 -0.84	28.66 0.25 -0.59	28.09 0.22 -0.77	28.92 0.22 -0.71	31.43 0.39 -1.03	43.50 0.56 0.00	47.14 0.84 -2.25	38.44 0.82 -2.08	34.79 0.75 -1.60	34.38 0.70 -1.99	32.70 0.71 -2.34	32.41 0.70 -2.41	32.19 0.78 -2.66	31.32 0.64 -3.82	32.08 0.75 -4.49	35.37 0.75 -7.72	56.68 1.07 -12.94	49.98 0.43 -6.83	44.89 0.40 -4.82	38.63 0.44 -4.04	36.58 0.37 -2.84	35.52 0.27 -2.06	35.35 0.24 -1.46
NEG CENTRAL___INDECK 23768	30.49 0.12 -0.86	28.96 0.08 -0.94	28.51 0.03 -0.66	27.97 0.00 -0.87	28.82 0.03 -0.80	31.38 0.21 -1.16	43.46 0.52 0.00	46.67 0.09 -2.53	38.14 0.25 -2.35	34.45 0.20 -1.80	34.10 0.16 -2.25	32.43 0.15 -2.63	32.25 0.23 -2.72	32.01 0.26 -3.00	31.38 0.21 -4.31	32.31 0.40 -5.07	35.79 0.35 -8.54	68.78 0.85 -25.25	51.15 0.81 -7.62	45.88 0.83 -5.37	39.47 0.82 -4.51	37.24 0.70 -3.17	36.12 0.63 -2.30	35.95 0.67 -1.63
NEG CENTRAL___SENECA 23627	30.91 0.56 -0.84	29.38 0.53 -0.92	29.00 0.53 -0.64	28.43 0.49 -0.85	29.24 0.48 -0.78	31.95 0.81 -1.13	44.05 1.12 0.00	48.02 1.50 -2.47	39.22 1.39 -2.29	35.44 1.23 -1.76	35.02 1.14 -2.19	33.31 1.10 -2.57	33.03 1.08 -2.65	32.88 1.21 -2.93	32.08 1.02 -4.20	32.93 1.15 -4.94	36.55 1.18 -8.46	60.20 1.62 -15.90	50.76 0.56 -7.49	45.43 0.48 -5.28	39.22 0.65 -4.43	37.02 0.53 -3.12	35.88 0.43 -2.26	35.69 0.44 -1.60
NEG CENTRAL___STATE_STREET 24147	30.41 0.18 -0.72	28.83 0.11 -0.79	28.48 0.11 -0.55	27.90 0.08 -0.73	28.74 0.08 -0.67	31.13 0.15 -0.96	43.20 0.26 0.00	46.69 0.53 -2.11	37.99 0.50 -1.95	34.44 0.49 -1.50	34.04 0.48 -1.87	32.34 0.50 -2.19	32.06 0.50 -2.26	31.82 0.57 -2.50	30.90 0.46 -3.59	31.57 0.51 -4.22	34.70 0.54 -7.25	53.67 0.85 -10.15	49.95 0.81 -6.43	44.92 0.71 -4.53	38.56 0.61 -3.80	36.57 0.53 -2.67	35.56 0.43 -1.94	35.39 0.37 -1.37

NEG MILLWOOD___DRP 24198	35.05 2.01 -3.53	33.64 1.84 -3.86	32.34 1.81 -2.71	32.45 1.79 -3.57	33.05 1.79 -3.27	36.99 2.25 -4.73	46.33 3.39 0.00	58.16 3.74 -10.37	48.23 3.06 -9.64	42.73 2.89 -7.40	43.77 2.85 -9.23	43.15 2.70 -10.81	43.12 2.67 -11.15	43.66 2.59 -12.33	46.96 2.42 -17.69	50.10 2.47 -20.79	65.62 2.50 -36.21	90.74 4.01 -44.06	77.97 3.84 -31.41	65.31 3.49 -22.15	55.72 3.00 -18.57	49.37 2.94 -13.06	45.52 2.85 -9.48	43.16 2.79 -6.72
NEG NORTH_FLCN_SEA 23793	29.18 -0.32 0.00	27.77 -0.17 0.00	27.71 -0.11 0.00	26.93 -0.16 0.00	27.85 -0.14 0.00	29.95 -0.06 0.00	43.11 0.17 0.00	43.52 -0.53 0.00	34.69 -0.85 0.00	31.22 -1.23 0.00	30.11 -1.58 0.00	0.87 -1.66 27.12	-7.06 -1.61 34.74	-7.06 -1.58 34.22	-7.05 -1.45 32.46	-7.08 -1.53 32.39	-7.08 -1.48 32.51	-6.42 -2.22 46.88	-6.47 -2.35 46.84	-6.75 -2.22 44.20	-7.04 -1.88 39.30	0.86 -1.57 30.94	0.98 -1.59 30.62	32.03 -1.62 0.00
NEG NORTH_KES_CHATEGAY 23792	28.92 -0.59 0.00	27.51 -0.42 0.00	27.43 -0.39 0.00	26.69 -0.41 0.00	27.60 -0.39 0.00	29.62 -0.39 0.00	42.59 -0.34 0.00	43.48 -0.57 0.00	34.62 -0.92 0.00	31.15 -1.30 0.00	30.11 -1.58 0.00	-1.13 -1.66 29.12	-9.61 -1.61 37.30	-9.60 -1.61 36.74	-9.47 -1.48 34.85	-9.46 -1.53 34.77	-9.47 -1.48 34.90	-9.79 -2.13 50.33	-9.75 -2.18 50.29	-9.81 -2.02 47.46	-9.80 -1.74 42.20	-1.62 -1.77 33.22	-1.47 -1.79 32.87	31.83 -1.82 0.00
NEG NORTH___ALICE_FALLS 23915	29.18 -0.32 0.00	27.77 -0.17 0.00	27.68 -0.14 0.00	26.91 -0.19 0.00	27.85 -0.14 0.00	29.95 -0.06 0.00	43.20 0.26 0.00	44.18 0.13 0.00	34.97 -0.57 0.00	31.41 -1.04 0.00	30.30 -1.39 0.00	0.01 -1.33 28.30	-7.90 -0.94 36.26	-7.89 -0.92 35.72	-7.83 -0.81 33.88	-7.80 -0.83 33.80	-7.77 -0.75 33.93	-6.98 -0.73 48.92	-7.11 -0.94 48.88	-7.45 -0.99 46.13	-7.70 -0.82 41.02	0.01 -1.07 32.29	-0.02 -1.26 31.95	32.10 -1.55 0.00
NEG NORTH___LWR_SARANAC 23913	29.18 -0.32 0.00	27.77 -0.17 0.00	27.68 -0.14 0.00	26.91 -0.19 0.00	27.85 -0.14 0.00	29.95 -0.06 0.00	43.20 0.26 0.00	44.18 0.13 0.00	34.97 -0.57 0.00	31.41 -1.04 0.00	30.30 -1.39 0.00	0.01 -1.33 28.30	-7.90 -0.94 36.26	-7.89 -0.92 35.72	-7.83 -0.81 33.88	-7.80 -0.83 33.80	-7.77 -0.75 33.93	-6.98 -0.73 48.92	-7.11 -0.94 48.88	-7.45 -0.99 46.13	-7.70 -0.82 41.02	0.01 -1.07 32.29	-0.02 -1.26 31.95	32.10 -1.55 0.00
NEG NORTH___PLATTSBURG 23628	29.19 -0.32 0.00	27.77 -0.17 0.00	27.66 -0.17 0.00	26.91 -0.19 0.00	27.85 -0.14 0.00	29.95 -0.06 0.00	43.11 0.17 0.00	44.27 0.22 0.00	34.97 -0.57 0.00	31.41 -1.04 0.00	30.30 -1.39 0.00	0.01 -1.33 28.30	-7.90 -0.94 36.26	-7.86 -0.89 35.72	-7.83 -0.80 33.88	-7.80 -0.83 33.80	-7.77 -0.75 33.93	-6.98 -0.73 48.93	-7.11 -0.94 48.88	-7.45 -0.99 46.13	-7.70 -0.82 41.02	0.01 -1.07 32.29	0.01 -1.23 31.95	32.10 -1.55 0.00
NEG WEST_LEA_LOCKPORT 23791	28.79 -1.50 -0.78	27.28 -1.51 -0.86	26.84 -1.59 -0.60	26.42 -1.46 -0.79	27.20 -1.51 -0.73	29.65 -1.41 -1.05	40.83 -2.10 0.00	42.96 -3.39 -2.30	35.32 -2.35 -2.13	32.23 -1.85 -1.63	31.86 -1.87 -2.04	30.35 -1.69 -2.39	30.24 -1.52 -2.46	30.03 -1.44 -2.72	29.29 -1.48 -3.91	30.14 -1.29 -4.59	33.09 -1.61 -7.79	46.09 -2.73 -6.15	46.71 -2.90 -6.90	41.92 -2.62 -4.87	36.35 -1.88 -4.08	34.40 -1.84 -2.87	33.65 -1.63 -2.08	33.81 -1.31 -1.48
NEG WEST___LANCASTR 23811	28.38 -1.98 -0.85	26.88 -1.98 -0.93	26.47 -2.00 -0.65	26.08 -1.87 -0.86	26.84 -1.93 -0.79	29.32 -1.83 -1.14	41.39 -1.55 0.00	43.11 -3.44 -2.49	35.29 -2.56 -2.31	32.08 -2.14 -1.77	31.75 -2.16 -2.21	30.31 -1.93 -2.59	30.19 -1.79 -2.67	30.01 -1.70 -2.95	29.32 -1.77 -4.24	30.21 -1.61 -4.98	33.48 -1.86 -8.43	46.31 -2.65 -6.28	47.02 -3.16 -7.47	42.08 -2.86 -5.27	36.31 -2.25 -4.42	34.31 -2.17 -3.11	33.45 -1.99 -2.25	33.43 -1.82 -1.60
NEG_PENN_ALLEGHNY 23528	31.02 0.21 -1.30	29.50 0.14 -1.42	28.96 0.14 -1.00	28.57 0.16 -1.31	29.36 0.17 -1.21	32.09 0.33 -1.74	43.62 0.68 0.00	48.31 0.44 -3.82	39.69 0.57 -3.59	35.79 0.58 -2.75	35.73 0.60 -3.43	34.29 0.62 -4.02	34.07 0.62 -4.15	33.97 0.63 -4.59	33.98 0.54 -6.58	35.16 0.59 -7.74	40.50 0.57 -13.03	60.50 0.94 -16.89	55.26 0.90 -11.64	48.68 0.79 -8.21	41.71 0.68 -6.89	38.88 0.67 -4.84	37.33 0.63 -3.51	36.78 0.64 -2.49
NEG___GEN_MONROE 24207	29.54 -0.68 -0.71	28.06 -0.64 -0.77	27.64 -0.72 -0.54	27.13 -0.68 -0.71	28.06 -0.59 -0.65	30.42 -0.54 -0.95	41.95 -0.99 0.00	44.58 -1.54 -2.07	36.54 -0.92 -1.92	33.31 -0.62 -1.48	32.93 -0.60 -1.84	31.30 -0.50 -2.16	31.11 -0.41 -2.22	30.78 -0.43 -2.46	29.93 -0.46 -3.53	30.61 -0.38 -4.15	33.48 -0.48 -7.06	49.70 -0.90 -7.92	47.98 -0.98 -6.25	43.25 -0.83 -4.41	37.26 -0.58 -3.70	35.37 -0.60 -2.60	34.51 -0.56 -1.89	34.58 -0.40 -1.34
NEPA___ENERGY 23901	29.28 -1.09 -0.86	27.76 -1.12 -0.94	27.31 -1.17 -0.66	26.91 -1.06 -0.87	27.72 -1.06 -0.80	30.27 -0.90 -1.15	41.99 -0.94 0.00	44.38 -2.20 -2.53	36.32 -1.56 -2.34	33.05 -1.20 -1.80	32.67 -1.27 -2.24	31.21 -1.07 -2.63	31.16 -0.85 -2.71	30.94 -0.80 -3.00	30.21 -0.94 -4.30	31.14 -0.75 -5.05	34.31 -1.05 -8.45	47.32 -1.71 -6.36	48.39 -1.88 -7.55	43.33 -1.67 -5.33	37.42 -1.19 -4.47	35.41 -1.10 -3.14	34.57 -0.90 -2.28	34.56 -0.71 -1.62
NEVERSINK___HYD 23608	33.71 1.03 -3.17	32.29 0.89 -3.46	31.11 0.86 -2.42	31.16 0.87 -3.19	31.84 0.92 -2.93	35.60 1.35 -4.23	45.08 2.15 0.00	55.40 2.07 -9.28	45.83 1.67 -8.62	40.65 1.59 -6.61	41.43 1.49 -8.25	40.76 1.45 -9.66	40.74 1.46 -9.97	41.21 1.44 -11.02	43.99 1.32 -15.82	46.02 0.59 -18.59	58.80 0.64 -31.25	83.16 1.07 -39.42	71.83 1.02 -28.09	60.39 0.91 -19.81	51.48 0.72 -16.62	46.72 1.67 -11.68	43.33 1.66 -8.48	41.31 1.65 -6.01
NEWKRMKL_115KV_TB1 55635	34.93 1.06 -4.36	33.73 1.03 -4.77	32.27 1.11 -3.34	32.55 1.06 -4.40	33.09 1.06 -4.04	36.96 1.11 -5.84	44.48 1.55 0.00	58.39 1.54 -12.79	48.70 1.28 -11.88	42.74 1.17 -9.12	44.27 1.20 -11.38	44.07 1.10 -13.32	44.16 1.11 -13.75	45.04 1.09 -15.20	49.71 1.05 -21.81	53.55 1.07 -25.64	72.03 1.02 -44.11	98.65 1.66 -54.31	83.05 1.62 -38.71	68.52 1.55 -27.30	58.66 1.40 -23.12	50.81 1.33 -16.10	46.17 1.29 -11.68	43.24 1.31 -8.28
NEWTON___FALLS_HYD 23847	29.16 -0.53 -0.18	27.68 -0.45 -0.19	27.57 -0.39 -0.14	26.92 -0.35 -0.18	27.71 -0.45 -0.16	29.68 -0.57 -0.24	42.25 -0.69 0.00	43.96 -0.62 -0.52	35.35 -0.68 -0.49	32.11 -0.71 -0.37	31.43 -0.73 -0.47	32.36 -0.77 -3.48	32.83 -0.79 -4.33	32.27 -0.80 -4.33	30.65 -0.62 -4.41	30.72 -0.67 -4.56	31.63 -0.62 -5.34	49.11 -0.90 -7.34	48.50 -0.90 -6.68	45.04 -0.56 -5.92	38.82 -0.51 -5.19	36.82 -0.57 -4.02	36.46 -0.53 -3.80	33.42 -0.57 -0.34
NGRID_A1_DSASP 323792	28.21 -2.09 -0.79	26.76 -2.04 -0.86	26.37 -2.06 -0.60	25.89 -2.00 -0.80	26.68 -2.04 -0.73	29.06 -2.01 -1.06	39.72 -3.22 0.00	41.96 -4.40 -2.32	34.66 -3.02 -2.14	31.56 -2.53 -1.64	31.27 -2.47 -2.05	29.82 -2.22 -2.40	29.70 -2.08 -2.48	29.50 -1.98 -2.74	28.79 -1.99 -3.93	29.65 -1.80 -4.62	32.62 -2.15 -7.86	45.68 -3.11 -6.12	45.88 -3.84 -7.00	41.16 -3.45 -4.94	35.59 -2.70 -4.14	33.71 -2.57 -2.91	32.95 -2.36 -2.11	33.16 -1.99 -1.50

NGRID_A2_DSASP 323793	28.21 -2.09 -0.79	26.76 -2.04 -0.86	26.37 -2.06 -0.60	25.89 -2.00 -0.80	26.68 -2.04 -0.73	29.06 -2.01 -1.06	39.72 -3.22 0.00	41.96 -4.40 -2.32	34.66 -3.02 -2.14	31.56 -2.53 -1.64	31.27 -2.47 -2.05	29.82 -2.22 -2.40	29.70 -2.08 -2.48	29.50 -1.98 -2.74	28.79 -1.99 -3.93	29.65 -1.80 -4.62	32.62 -2.15 -7.86	45.68 -3.11 -6.12	45.88 -3.84 -7.00	41.16 -3.45 -4.94	35.59 -2.70 -4.14	33.71 -2.57 -2.91	32.95 -2.36 -2.11	33.16 -1.99 -1.50
NGRID_A4_DSASP 323807	28.21 -2.09 -0.79	26.76 -2.04 -0.86	26.37 -2.06 -0.60	25.89 -2.00 -0.80	26.68 -2.04 -0.73	29.06 -2.01 -1.06	39.72 -3.22 0.00	41.96 -4.40 -2.32	34.66 -3.02 -2.14	31.56 -2.53 -1.64	31.27 -2.47 -2.05	29.82 -2.22 -2.40	29.70 -2.08 -2.48	29.50 -1.98 -2.74	28.79 -1.99 -3.93	29.65 -1.80 -4.62	32.62 -2.15 -7.86	45.68 -3.11 -6.12	45.88 -3.84 -7.00	41.16 -3.45 -4.94	35.59 -2.70 -4.14	33.71 -2.57 -2.91	32.95 -2.36 -2.11	33.16 -1.99 -1.50
NIAGARA_115E_LBMP 323715	28.41 -1.89 -0.79	26.93 -1.87 -0.87	26.54 -1.89 -0.61	26.08 -1.82 -0.80	26.87 -1.85 -0.73	29.27 -1.80 -1.06	40.06 -2.88 0.00	42.18 -4.19 -2.32	34.84 -2.84 -2.14	31.79 -2.30 -1.64	31.46 -2.28 -2.05	29.97 -2.08 -2.40	29.84 -1.93 -2.48	29.65 -1.84 -2.74	28.99 -1.80 -3.93	29.85 -1.61 -4.62	32.81 -1.96 -7.87	45.72 -3.16 -6.21	46.23 -3.50 -7.01	41.48 -3.13 -4.94	35.86 -2.42 -4.15	33.92 -2.37 -2.92	33.18 -2.12 -2.12	33.36 -1.78 -1.50
NIAGARA_115W_LBMP 323714	28.15 -2.15 -0.79	26.67 -2.12 -0.86	26.29 -2.14 -0.60	25.83 -2.06 -0.80	26.62 -2.10 -0.73	28.97 -2.10 -1.06	39.59 -3.35 0.00	41.83 -4.54 -2.31	34.55 -3.13 -2.14	31.46 -2.63 -1.64	31.17 -2.57 -2.05	29.76 -2.28 -2.40	29.61 -2.17 -2.47	29.44 -2.04 -2.73	28.71 -2.07 -3.92	29.57 -1.88 -4.61	32.53 -2.23 -7.86	45.65 -3.16 -6.13	45.79 -3.93 -7.00	41.04 -3.57 -4.94	35.48 -2.80 -4.14	33.64 -2.64 -2.91	32.85 -2.46 -2.11	33.06 -2.09 -1.50
NIAGARA_230_LBMP 323716	28.55 -1.74 -0.78	27.06 -1.73 -0.86	26.67 -1.75 -0.60	26.21 -1.68 -0.79	27.01 -1.71 -0.73	29.38 -1.68 -1.05	40.23 -2.70 0.00	42.43 -3.92 -2.30	35.03 -2.63 -2.12	31.91 -2.17 -1.63	31.60 -2.12 -2.03	30.16 -1.87 -2.38	30.00 -1.76 -2.46	29.83 -1.64 -2.72	29.11 -1.64 -3.90	29.94 -1.48 -4.58	32.91 -1.80 -7.81	45.66 -3.24 -6.23	46.42 -3.25 -6.95	41.68 -2.89 -4.90	36.00 -2.25 -4.11	34.09 -2.17 -2.89	33.30 -1.99 -2.10	33.49 -1.65 -1.49
NIAGARA__115KV_198_GIBSON 55903	28.15 -2.15 -0.79	26.67 -2.12 -0.86	26.26 -2.17 -0.60	25.83 -2.06 -0.80	26.62 -2.10 -0.73	28.97 -2.10 -1.06	39.72 -3.22 0.00	42.01 -4.36 -2.32	34.56 -3.13 -2.15	31.57 -2.53 -1.65	31.21 -2.54 -2.06	29.77 -2.28 -2.41	29.68 -2.11 -2.49	29.51 -1.98 -2.75	28.73 -2.07 -3.94	29.59 -1.88 -4.63	32.56 -2.21 -7.86	45.65 -3.16 -6.13	45.75 -3.93 -6.96	41.01 -3.57 -4.91	35.46 -2.80 -4.12	33.63 -2.64 -2.90	32.87 -2.42 -2.10	33.05 -2.09 -1.49
NIAGARA____ 23760	28.56 -1.74 -0.79	27.06 -1.73 -0.86	26.67 -1.75 -0.60	26.21 -1.68 -0.80	27.01 -1.71 -0.73	29.39 -1.68 -1.06	40.23 -2.70 0.00	42.44 -3.92 -2.31	35.04 -2.63 -2.13	31.91 -2.17 -1.64	31.61 -2.12 -2.04	30.17 -1.87 -2.39	30.01 -1.76 -2.47	29.84 -1.64 -2.73	29.13 -1.64 -3.91	29.96 -1.48 -4.60	32.94 -1.80 -7.84	45.66 -3.24 -6.23	46.45 -3.25 -6.98	41.70 -2.89 -4.92	36.02 -2.25 -4.13	34.10 -2.17 -2.90	33.31 -1.99 -2.11	33.50 -1.65 -1.49
NINE_MILE_1 23575	29.19 -0.80 -0.48	27.67 -0.78 -0.52	27.41 -0.78 -0.36	26.79 -0.79 -0.48	27.65 -0.78 -0.44	29.66 -0.99 -0.64	41.43 -1.50 0.00	43.86 -1.58 -1.39	35.62 -1.21 -1.29	32.37 -1.07 -0.99	31.91 -1.02 -1.23	30.17 -0.92 -1.44	29.91 -0.88 -1.49	29.53 -0.86 -1.65	28.44 -0.78 -2.36	28.83 -0.78 -2.78	30.83 -0.81 -4.73	47.23 -1.32 -5.88	45.63 -1.28 -4.19	41.40 -1.23 -2.96	35.56 -1.06 -2.48	34.08 -1.03 -1.74	33.39 -1.06 -1.27	33.47 -1.08 -0.90
NINE_MILE_2 23744	29.19 -0.80 -0.47	27.67 -0.78 -0.52	27.41 -0.78 -0.36	26.82 -0.76 -0.48	27.64 -0.78 -0.44	29.66 -0.99 -0.63	41.43 -1.50 0.00	43.86 -1.58 -1.39	35.61 -1.21 -1.28	32.36 -1.07 -0.98	31.90 -1.02 -1.23	30.17 -0.92 -1.44	29.91 -0.88 -1.48	29.53 -0.86 -1.64	28.43 -0.78 -2.35	28.82 -0.78 -2.77	30.81 -0.81 -4.71	47.21 -1.32 -5.86	45.61 -1.28 -4.18	41.39 -1.23 -2.95	35.55 -1.06 -2.47	34.07 -1.03 -1.74	33.39 -1.06 -1.26	33.46 -1.08 -0.89
NM_CAPITAL____DRP 24208	34.98 1.12 -4.35	33.78 1.09 -4.75	32.29 1.14 -3.33	32.59 1.11 -4.39	33.14 1.12 -4.03	37.06 1.23 -5.82	44.61 1.67 0.00	58.48 1.67 -12.75	48.77 1.39 -11.84	42.81 1.27 -9.09	44.33 1.30 -11.34	44.15 1.22 -13.28	44.21 1.20 -13.71	45.11 1.21 -15.15	49.73 1.13 -21.75	53.55 1.15 -25.56	71.99 1.10 -43.98	98.58 1.75 -54.15	83.07 1.75 -38.60	68.52 1.63 -27.22	58.65 1.47 -23.05	50.86 1.43 -16.06	46.27 1.43 -11.65	43.35 1.45 -8.26
NM_CENTRAL____DRP 24181	29.88 -0.21 -0.58	28.32 -0.25 -0.64	28.02 -0.25 -0.45	27.44 -0.24 -0.59	28.28 -0.25 -0.54	30.43 -0.36 -0.78	42.34 -0.60 0.00	45.19 -0.57 -1.71	36.77 -0.36 -1.58	33.40 -0.26 -1.21	33.02 -0.19 -1.52	31.33 -0.09 -1.77	31.04 -0.09 -1.83	30.74 -0.03 -2.02	29.73 -0.03 -2.91	30.22 -0.03 -3.41	32.70 -0.08 -5.87	49.80 -0.17 -7.30	47.75 -0.17 -5.20	43.14 -0.20 -3.67	37.05 -0.17 -3.07	35.33 -0.20 -2.16	34.50 -0.27 -1.57	34.46 -0.30 -1.11
NM_FRONTIER____DRP 24179	28.15 -2.15 -0.79	26.67 -2.12 -0.86	26.26 -2.17 -0.60	25.83 -2.06 -0.80	26.62 -2.10 -0.73	28.97 -2.10 -1.06	39.72 -3.22 0.00	42.01 -4.36 -2.32	34.56 -3.13 -2.15	31.57 -2.53 -1.65	31.21 -2.54 -2.06	29.77 -2.28 -2.41	29.68 -2.11 -2.49	29.51 -1.98 -2.75	28.73 -2.07 -3.94	29.59 -1.88 -4.63	32.56 -2.21 -7.86	45.65 -3.16 -6.13	45.75 -3.93 -6.96	41.01 -3.57 -4.91	35.46 -2.80 -4.12	33.63 -2.64 -2.90	32.87 -2.42 -2.10	33.05 -2.09 -1.49
NM_ST_REGIS____HYD 24053	29.07 -0.53 -0.09	27.69 -0.34 -0.10	27.64 -0.25 -0.07	26.92 -0.27 -0.09	27.68 -0.39 -0.08	29.56 -0.57 -0.12	42.29 -0.64 0.00	43.65 -0.66 -0.26	34.97 -0.82 -0.24	31.63 -1.01 -0.19	30.85 -1.08 -0.23	36.04 -1.13 -7.52	37.76 -1.11 -9.57	37.11 -1.09 -9.46	34.98 -0.99 -9.12	34.89 -1.13 -9.18	35.47 -1.05 -9.61	54.81 -1.54 -13.67	54.43 -1.62 -13.34	50.63 -1.43 -12.39	43.96 -1.16 -10.98	40.81 -1.17 -8.61	40.53 -1.10 -8.43	32.78 -1.04 -0.17
NORTHPORT____1 23551	36.66 3.19 -3.96	35.08 2.88 -4.27	33.85 2.84 -3.19	33.87 2.74 -4.04	34.54 2.88 -3.67	38.58 3.51 -5.06	52.02 5.15 -3.93	63.85 5.37 -14.43	53.21 4.26 -13.41	44.15 4.02 -7.68	45.00 3.83 -9.47	46.76 3.68 -13.44	46.07 3.60 -13.17	48.83 3.56 -16.52	53.12 3.33 -22.94	62.24 3.30 -32.11	84.54 3.23 -54.41	118.68 4.99 -71.01	98.30 4.95 -50.63	87.32 4.56 -43.09	73.36 3.86 -35.36	64.53 3.84 -27.33	51.85 4.25 -14.41	47.91 4.27 -9.98
NORTHPORT____2 23552	36.66 3.19 -3.96	35.08 2.88 -4.27	33.85 2.84 -3.19	33.87 2.74 -4.04	34.54 2.88 -3.67	38.58 3.51 -5.06	52.02 5.15 -3.93	63.85 5.37 -14.43	53.21 4.26 -13.41	44.15 4.02 -7.68	45.00 3.83 -9.47	46.76 3.68 -13.44	46.07 3.60 -13.17	48.83 3.56 -16.52	53.12 3.33 -22.94	62.24 3.30 -32.11	84.54 3.23 -54.41	118.68 4.99 -71.01	98.30 4.95 -50.63	87.32 4.56 -43.09	73.36 3.86 -35.36	64.53 3.84 -27.33	51.85 4.25 -14.41	47.91 4.27 -9.98

NORTHPORT___3 23553	35.74 2.30 -3.93	34.27 2.10 -4.24	33.04 2.06 -3.15	33.11 2.01 -4.01	33.73 2.10 -3.64	37.69 2.64 -5.04	50.77 3.91 -3.93	62.58 4.10 -14.43	52.21 3.27 -13.40	43.32 3.21 -7.66	44.21 3.04 -9.47	46.02 2.94 -13.44	45.33 2.87 -13.16	48.06 2.79 -16.52	52.40 2.60 -22.94	61.38 2.44 -32.11	83.81 2.50 -54.40	117.56 3.88 -71.01	97.18 3.85 -50.62	86.28 3.53 -43.08	72.36 2.87 -35.35	63.41 2.83 -27.20	50.81 3.22 -14.40	46.83 3.20 -9.98
NORTHPORT___4 23650	35.74 2.30 -3.93	34.27 2.10 -4.24	33.04 2.06 -3.15	33.11 2.01 -4.01	33.73 2.10 -3.64	37.69 2.64 -5.04	50.77 3.91 -3.93	62.58 4.10 -14.43	52.21 3.27 -13.40	43.32 3.21 -7.66	44.21 3.04 -9.47	46.02 2.94 -13.44	45.33 2.87 -13.16	48.06 2.79 -16.52	52.40 2.60 -22.94	61.38 2.44 -32.11	83.81 2.50 -54.40	117.56 3.88 -71.01	97.18 3.85 -50.62	86.28 3.53 -43.08	72.36 2.87 -35.35	63.41 2.83 -27.20	50.81 3.22 -14.40	46.83 3.20 -9.98
NORTHPORT___IC 23718	36.66 3.19 -3.96	35.08 2.88 -4.27	33.85 2.84 -3.19	33.87 2.74 -4.04	34.54 2.88 -3.67	38.58 3.51 -5.06	52.02 5.15 -3.93	63.85 5.37 -14.43	53.21 4.26 -13.41	44.15 4.02 -7.68	45.00 3.83 -9.47	46.76 3.68 -13.44	46.07 3.60 -13.17	48.83 3.56 -16.52	53.12 3.33 -22.94	62.24 3.30 -32.11	84.54 3.23 -54.41	118.68 4.99 -71.01	98.30 4.95 -50.63	87.32 4.56 -43.09	73.36 3.86 -35.36	64.53 3.84 -27.33	51.85 4.25 -14.41	47.91 4.27 -9.98
NORTH___COUNTRY_ESR 323785	28.83 -0.68 0.00	27.43 -0.50 0.00	27.35 -0.47 0.00	26.61 -0.49 0.00	27.51 -0.48 0.00	29.53 -0.48 0.00	42.38 -0.56 0.00	43.35 -0.71 0.00	34.51 -1.03 0.00	31.09 -1.36 0.00	30.04 -1.65 0.00	-1.24 -1.75 29.14	-9.73 -1.70 37.33	-9.69 -1.67 36.77	-9.58 -1.56 34.88	-9.57 -1.61 34.80	-9.58 -1.56 34.93	-10.00 -2.31 50.37	-10.00 -2.39 50.33	-10.00 -2.18 47.49	-10.00 -1.91 42.23	-1.74 -1.87 33.24	-1.60 -1.89 32.90	31.73 -1.92 0.00
NPX_GEN_1385_PROXY 323591	36.83 3.36 -3.96	35.00 2.79 -4.27	33.80 2.78 -3.19	33.66 2.52 -4.04	34.54 2.88 -3.67	38.64 3.57 -5.06	51.68 4.81 -3.93	63.72 5.24 -14.43	52.89 3.94 -13.41	43.53 3.41 -7.68	44.43 3.27 -9.47	46.20 3.11 -13.44	45.34 2.87 -13.17	48.43 3.16 -16.52	52.80 3.01 -22.94	61.60 2.66 -32.11	77.88 2.45 -48.53	104.10 3.76 -57.67	88.39 3.71 -41.96	82.39 3.45 -39.27	72.71 3.21 -35.36	64.00 3.30 -27.33	51.91 4.31 -14.41	48.24 4.61 -9.98
NPX_GEN_CSC 323557	37.19 3.63 -4.05	35.56 3.27 -4.36	34.34 3.23 -3.29	34.35 3.11 -4.14	35.02 3.27 -3.75	39.17 4.02 -5.13	52.94 6.06 -3.95	64.69 6.21 -14.43	53.86 4.91 -13.41	44.80 4.61 -7.74	45.61 4.44 -9.48	47.33 4.24 -13.44	46.67 4.19 -13.18	49.38 4.11 -16.52	53.60 3.81 -22.94	62.83 3.89 -32.11	85.35 4.03 -54.41	120.05 6.36 -71.01	99.71 6.37 -50.63	88.63 5.87 -43.09	74.35 4.85 -35.36	65.69 4.67 -27.65	52.48 4.88 -14.41	48.48 4.85 -9.98
NSINS_S_GLNS_FALLS 23858	36.15 2.18 -4.46	34.85 2.04 -4.87	33.18 1.95 -3.41	33.46 1.87 -4.50	34.05 1.93 -4.13	38.17 2.19 -5.97	46.20 3.26 0.00	60.48 3.35 -13.08	50.39 2.70 -12.15	44.01 2.24 -9.32	45.32 2.00 -11.63	45.14 1.87 -13.62	45.26 1.90 -14.06	46.15 1.87 -15.54	50.82 1.67 -22.30	54.66 1.61 -26.21	73.67 1.70 -45.07	101.32 3.12 -55.53	85.16 2.86 -39.58	70.24 2.66 -27.91	60.40 2.46 -23.80	52.10 2.27 -16.46	47.26 2.12 -11.94	44.64 2.52 -8.47
NUCOR_STEEL___DRP 24197	30.38 0.18 -0.70	28.83 0.14 -0.76	28.50 0.14 -0.53	27.93 0.14 -0.70	28.75 0.11 -0.64	31.09 0.15 -0.93	43.15 0.21 0.00	46.53 0.44 -2.04	37.82 0.39 -1.89	34.32 0.42 -1.45	33.92 0.41 -1.81	32.22 0.44 -2.12	31.96 0.47 -2.19	31.69 0.52 -2.42	30.76 0.43 -3.47	31.38 0.46 -4.08	34.41 0.48 -7.02	52.79 0.77 -9.35	49.67 0.73 -6.22	44.69 0.63 -4.39	38.40 0.58 -3.68	36.46 0.50 -2.59	35.50 0.43 -1.88	35.38 0.40 -1.33
NUMBER_THREE_WT_PWR 323818	29.75 0.00 -0.24	28.17 -0.03 -0.26	27.98 -0.03 -0.18	27.37 0.03 -0.24	28.21 0.00 -0.22	30.36 0.03 -0.32	42.90 -0.04 0.00	44.93 0.18 -0.71	36.24 0.04 -0.67	32.96 0.00 -0.51	32.33 0.00 -0.64	31.60 -0.09 -2.04	31.59 -0.15 -2.43	31.32 0.09 -2.49	29.71 0.08 -2.78	29.99 0.16 -2.99	31.02 0.11 -4.00	48.17 0.21 -5.29	47.38 0.26 -4.41	44.11 0.79 -3.64	37.86 0.58 -3.14	36.18 0.43 -2.38	35.71 0.40 -2.12	34.38 0.27 -0.46
NYISO_LBMP_REFERENCE 24008	29.51 0.00 0.00	27.93 0.00 0.00	27.82 0.00 0.00	27.10 0.00 0.00	27.99 0.00 0.00	30.01 0.00 0.00	42.94 0.00 0.00	44.05 0.00 0.00	35.54 0.00 0.00	32.45 0.00 0.00	31.69 0.00 0.00	29.65 0.00 0.00	29.30 0.00 0.00	28.75 0.00 0.00	26.85 0.00 0.00	26.84 0.00 0.00	26.91 0.00 0.00	42.67 0.00 0.00	42.72 0.00 0.00	39.67 0.00 0.00	34.14 0.00 0.00	33.37 0.00 0.00	33.19 0.00 0.00	33.65 0.00 0.00
NYPA_BRENTWD___GT 24164	37.12 3.45 -4.16	35.53 3.13 -4.47	34.32 3.09 -3.41	34.34 2.98 -4.26	34.98 3.13 -3.86	39.04 3.81 -5.21	52.57 5.67 -3.96	64.42 5.94 -14.43	53.65 4.69 -13.42	44.72 4.45 -7.82	45.39 4.22 -9.48	47.15 4.06 -13.44	46.49 3.98 -13.20	49.18 3.91 -16.52	53.47 3.68 -22.94	62.62 3.68 -32.11	85.03 3.71 -54.41	119.36 5.68 -71.01	98.98 5.64 -50.63	88.12 5.35 -43.09	73.94 4.44 -35.36	65.78 4.37 -28.04	52.21 4.61 -14.41	48.28 4.65 -9.98
NYPA_GOWANUS___GT5 24156	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
NYPA_GOWANUS___GT6 24157	35.06 2.06 -3.48	33.62 1.87 -3.81	32.32 1.81 -2.69	32.40 1.76 -3.54	33.06 1.82 -3.25	37.03 2.31 -4.70	46.16 3.22 0.00	57.79 3.44 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.87 2.39 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.21 3.57 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.55 2.95 -9.40	43.48 3.16 -6.67
NYPA_HARLEM__RVR__GT1 24160	35.03 2.03 -3.48	33.59 1.84 -3.81	32.27 1.75 -2.69	32.35 1.71 -3.54	33.01 1.76 -3.25	36.90 2.19 -4.70	45.85 2.92 0.01	57.52 3.17 -10.30	47.77 2.67 -9.56	42.51 2.73 -7.33	43.47 2.63 -9.15	42.98 2.61 -10.72	42.91 2.55 -11.06	43.45 2.47 -12.23	46.69 2.28 -17.55	49.70 2.23 -20.63	68.06 2.39 -38.76	90.06 3.67 -43.71	77.41 3.54 -31.15	64.89 3.25 -21.96	55.08 2.53 -18.41	48.85 2.53 -12.95	45.27 2.69 -9.39	43.15 2.83 -6.67
NYPA_HARLEM__RVR__GT2 24161	35.03 2.03 -3.48	33.59 1.84 -3.81	32.27 1.75 -2.69	32.35 1.71 -3.54	33.01 1.76 -3.25	36.90 2.19 -4.70	45.85 2.92 0.01	57.52 3.17 -10.30	47.77 2.67 -9.56	42.51 2.73 -7.33	43.47 2.63 -9.15	42.98 2.61 -10.72	42.91 2.55 -11.06	43.45 2.47 -12.23	46.69 2.28 -17.55	49.70 2.23 -20.63	68.06 2.39 -38.76	90.06 3.67 -43.71	77.41 3.54 -31.15	64.89 3.25 -21.96	55.08 2.53 -18.41	48.85 2.53 -12.95	45.27 2.69 -9.39	43.15 2.83 -6.67

NYPA_KENT____GT 24152	35.03 2.03 -3.48	33.59 1.84 -3.81	32.29 1.78 -2.69	32.38 1.74 -3.54	33.06 1.82 -3.25	36.99 2.28 -4.70	46.20 3.26 0.00	57.84 3.48 -10.30	47.98 2.88 -9.56	42.68 2.89 -7.34	43.67 2.82 -9.16	43.16 2.79 -10.73	43.10 2.73 -11.07	43.63 2.64 -12.24	46.86 2.44 -17.56	49.89 2.42 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.76 3.89 -31.15	65.17 3.53 -21.97	55.33 2.76 -18.42	49.13 2.80 -12.96	45.55 2.95 -9.40	43.42 3.09 -6.67
NYPA_POUCH1____GT 24155	35.03 2.03 -3.48	33.59 1.84 -3.81	32.29 1.78 -2.69	32.38 1.74 -3.54	33.04 1.79 -3.25	36.97 2.25 -4.70	45.94 3.00 0.00	57.57 3.21 -10.31	47.78 2.67 -9.57	42.49 2.69 -7.35	43.46 2.60 -9.16	42.99 2.61 -10.73	42.91 2.55 -11.06	43.45 2.47 -12.23	46.69 2.28 -17.55	49.74 2.25 -20.64	68.16 2.47 -38.78	90.19 3.80 -43.72	77.59 3.71 -31.16	65.02 3.37 -21.97	55.20 2.63 -18.43	48.97 2.64 -12.96	45.45 2.85 -9.40	43.48 3.16 -6.67
NYPA_VERNON____GT2 24162	35.00 2.01 -3.48	33.56 1.81 -3.81	32.29 1.78 -2.69	32.38 1.74 -3.54	33.04 1.79 -3.25	36.99 2.28 -4.70	46.24 3.31 0.00	57.92 3.57 -10.30	48.02 2.91 -9.56	42.71 2.92 -7.34	43.71 2.85 -9.16	43.19 2.82 -10.73	43.12 2.75 -11.07	43.66 2.67 -12.24	46.88 2.47 -17.56	49.92 2.44 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.72 3.85 -31.15	65.17 3.53 -21.97	55.36 2.80 -18.42	49.13 2.80 -12.96	45.51 2.92 -9.40	43.35 3.03 -6.67
NYPA_VERNON____GT3 24163	35.00 2.01 -3.48	33.56 1.81 -3.81	32.29 1.78 -2.69	32.38 1.74 -3.54	33.04 1.79 -3.25	36.99 2.28 -4.70	46.24 3.31 0.00	57.92 3.57 -10.30	48.02 2.91 -9.56	42.71 2.92 -7.34	43.71 2.85 -9.16	43.19 2.82 -10.73	43.12 2.75 -11.07	43.66 2.67 -12.24	46.88 2.47 -17.56	49.92 2.44 -20.64	68.26 2.58 -38.77	90.36 3.97 -43.72	77.72 3.85 -31.15	65.17 3.53 -21.97	55.36 2.80 -18.42	49.13 2.80 -12.96	45.51 2.92 -9.40	43.35 3.03 -6.67
NYPA____ASTORIA_CC1 323568	35.00 2.01 -3.48	33.56 1.81 -3.81	32.27 1.75 -2.69	32.35 1.71 -3.54	33.04 1.79 -3.25	36.99 2.28 -4.70	46.16 3.22 0.00	57.84 3.48 -10.30	47.98 2.88 -9.56	42.68 2.89 -7.34	43.67 2.82 -9.16	43.16 2.79 -10.73	43.10 2.73 -11.07	43.63 2.64 -12.24	46.86 2.44 -17.56	49.89 2.42 -20.64	68.24 2.56 -38.77	90.32 3.92 -43.72	77.67 3.80 -31.15	65.13 3.49 -21.97	55.30 2.73 -18.42	49.10 2.77 -12.96	45.51 2.92 -9.40	43.32 2.99 -6.67
NYPA____ASTORIA_CC2 323569	35.00 2.01 -3.48	33.56 1.81 -3.81	32.27 1.75 -2.69	32.35 1.71 -3.54	33.04 1.79 -3.25	36.99 2.28 -4.70	46.16 3.22 0.00	57.84 3.48 -10.30	47.98 2.88 -9.56	42.68 2.89 -7.34	43.67 2.82 -9.16	43.16 2.79 -10.73	43.10 2.73 -11.07	43.63 2.64 -12.24	46.86 2.44 -17.56	49.89 2.42 -20.64	68.24 2.56 -38.77	90.32 3.92 -43.72	77.67 3.80 -31.15	65.13 3.49 -21.97	55.30 2.73 -18.42	49.10 2.77 -12.96	45.51 2.92 -9.40	43.32 2.99 -6.67
NYPA____HOLTSVILL 23794	36.89 3.33 -4.04	35.30 3.02 -4.35	34.11 3.01 -3.28	34.13 2.90 -4.13	34.79 3.05 -3.75	38.86 3.72 -5.12	52.46 5.58 -3.94	64.25 5.77 -14.43	47.98 4.55 -13.41	44.50 4.32 -7.74	45.29 4.12 -9.48	47.03 3.94 -13.44	46.38 3.90 -13.18	49.09 3.82 -16.52	53.34 3.54 -22.94	62.54 3.60 -32.11	84.97 3.66 -54.41	119.41 5.72 -71.01	99.03 5.68 -50.63	88.04 5.28 -43.09	73.87 4.37 -35.36	65.26 4.27 -27.62	52.11 4.51 -14.41	48.14 4.51 -9.98
NYPA____HELLGATE_GT1 24158	35.00 2.01 -3.48	33.56 1.81 -3.81	32.24 1.73 -2.69	32.32 1.68 -3.54	32.98 1.74 -3.25	36.88 2.16 -4.70	45.76 2.83 0.01	57.43 3.08 -10.30	47.73 2.63 -9.56	42.51 2.73 -7.33	43.44 2.60 -9.15	42.95 2.58 -10.72	42.88 2.52 -11.06	43.42 2.44 -12.23	46.66 2.26 -17.55	49.67 2.20 -20.63	68.04 2.37 -38.76	90.01 3.63 -43.71	77.37 3.50 -31.15	64.85 3.21 -21.96	55.08 2.53 -18.41	48.82 2.50 -12.95	45.21 2.62 -9.39	43.11 2.79 -6.67
NYPA____HELLGATE_GT2 24159	35.00 2.01 -3.48	33.56 1.81 -3.81	32.24 1.73 -2.69	32.32 1.68 -3.54	32.98 1.74 -3.25	36.88 2.16 -4.70	45.76 2.83 0.01	57.43 3.08 -10.30	47.73 2.63 -9.56	42.51 2.73 -7.33	43.44 2.60 -9.15	42.95 2.58 -10.72	42.88 2.52 -11.06	43.42 2.44 -12.23	46.66 2.26 -17.55	49.67 2.20 -20.63	68.04 2.37 -38.76	90.01 3.63 -43.71	77.37 3.50 -31.15	64.85 3.21 -21.96	55.08 2.53 -18.41	48.82 2.50 -12.95	45.21 2.62 -9.39	43.11 2.79 -6.67
NYS_BARGE____HYD 23848	28.78 -1.50 -0.78	27.28 -1.51 -0.85	26.89 -1.53 -0.60	26.42 -1.46 -0.79	27.23 -1.48 -0.72	29.64 -1.41 -1.04	40.75 -2.19 0.00	42.85 -3.48 -2.28	35.34 -2.31 -2.11	32.22 -1.85 -1.62	31.87 -1.84 -2.02	30.38 -1.63 -2.37	30.22 -1.52 -2.44	30.01 -1.44 -2.70	29.30 -1.42 -3.87	30.16 -1.23 -4.55	33.10 -1.56 -7.76	46.43 -2.56 -6.32	46.81 -2.82 -6.91	42.05 -2.50 -4.88	36.39 -1.84 -4.09	34.41 -1.84 -2.88	33.69 -1.59 -2.09	33.82 -1.31 -1.48
OAK ORCHARD____HYD 24046	29.59 -0.62 -0.70	28.09 -0.61 -0.77	27.69 -0.67 -0.54	27.16 -0.65 -0.71	28.02 -0.62 -0.65	30.35 -0.60 -0.94	41.91 -1.03 0.00	44.66 -1.45 -2.06	36.63 -0.82 -1.91	33.30 -0.62 -1.47	32.95 -0.57 -1.83	31.35 -0.44 -2.14	31.13 -0.38 -2.21	30.85 -0.34 -2.44	29.98 -0.38 -3.51	30.69 -0.27 -4.12	33.52 -0.40 -7.02	49.86 -0.81 -8.00	48.16 -0.85 -6.29	43.40 -0.71 -4.44	37.32 -0.55 -3.72	35.39 -0.60 -2.62	34.53 -0.56 -1.90	34.52 -0.47 -1.35
OAKDALE__35_KV_LOAD 356122	30.97 0.18 -1.29	29.45 0.11 -1.41	28.92 0.11 -0.99	28.51 0.11 -1.30	29.32 0.14 -1.19	32.01 0.27 -1.72	43.54 0.60 0.00	48.23 0.40 -3.78	39.54 0.50 -3.50	35.66 0.52 -2.69	35.55 0.51 -3.35	34.08 0.50 -3.93	33.85 0.50 -4.05	33.77 0.55 -4.48	33.71 0.43 -6.43	34.90 0.51 -7.56	40.29 0.48 -12.90	60.19 0.77 -16.75	55.00 0.73 -11.56	48.50 0.67 -8.15	41.56 0.58 -6.84	38.74 0.57 -4.81	37.24 0.56 -3.49	36.69 0.57 -2.47
OCC_CHEM____DRP 24175	28.20 -2.10 -0.79	26.76 -2.04 -0.86	26.34 -2.09 -0.61	25.92 -1.98 -0.80	26.68 -2.04 -0.73	29.06 -2.01 -1.06	39.80 -3.13 0.00	42.10 -4.27 -2.32	34.63 -3.06 -2.15	31.67 -2.43 -1.65	31.28 -2.47 -2.06	29.86 -2.19 -2.41	29.77 -2.02 -2.49	29.57 -1.93 -2.75	28.81 -1.99 -3.95	29.68 -1.80 -4.64	32.64 -2.13 -7.86	45.68 -3.12 -6.12	45.84 -3.84 -6.97	41.13 -3.45 -4.91	35.56 -2.70 -4.12	33.70 -2.57 -2.90	32.94 -2.36 -2.10	33.12 -2.02 -1.49
OH_GEN_PROXY 24063	28.58 -1.71 -0.78	27.09 -1.70 -0.86	23.99 -1.73 2.11	23.47 -1.65 1.97	23.67 -1.65 2.67	25.36 -1.62 3.03	40.32 -2.62 0.00	42.56 -3.79 -2.30	35.14 -2.52 -2.12	32.00 -2.08 -1.63	31.69 -2.03 -2.03	30.25 -1.78 -2.38	30.09 -1.67 -2.45	29.88 -1.58 -2.71	29.19 -1.56 -3.89	30.02 -1.40 -4.58	32.98 -1.72 -7.80	46.10 -3.11 -6.54	46.55 -3.12 -6.95	41.79 -2.78 -4.90	36.10 -2.15 -4.11	34.19 -2.07 -2.89	33.40 -1.89 -2.10	33.55 -1.58 -1.49
OLIN_CORP_DRP 24177	28.44 -1.86 -0.79	26.99 -1.82 -0.87	26.57 -1.86 -0.61	26.14 -1.76 -0.80	26.91 -1.82 -0.74	29.31 -1.77 -1.06	40.23 -2.71 0.00	42.51 -3.88 -2.33	34.96 -2.74 -2.16	31.93 -2.17 -1.66	31.57 -2.19 -2.07	30.05 -2.02 -2.42	29.98 -1.82 -2.50	29.79 -1.72 -2.76	29.07 -1.75 -3.96	29.94 -1.56 -4.66	32.92 -1.88 -7.90	45.67 -3.16 -6.16	46.30 -3.42 -7.00	41.55 -3.05 -4.93	35.93 -2.36 -4.14	33.98 -2.30 -2.91	33.25 -2.06 -2.11	33.43 -1.72 -1.50

OLIN_CORP_DSASP 323712	28.21 -2.09 -0.79	26.76 -2.04 -0.86	26.37 -2.06 -0.60	25.89 -2.00 -0.80	26.68 -2.04 -0.73	29.06 -2.01 -1.06	39.72 -3.22 0.00	41.96 -4.40 -2.32	34.66 -3.02 -2.14	31.56 -2.53 -1.64	31.27 -2.47 -2.05	29.82 -2.22 -2.40	29.70 -2.08 -2.48	29.50 -1.98 -2.74	28.79 -1.99 -3.93	29.65 -1.80 -4.62	32.62 -2.15 -7.86	45.68 -3.11 -6.12	45.88 -3.84 -7.00	41.16 -3.45 -4.94	35.59 -2.70 -4.14	33.71 -2.57 -2.91	32.95 -2.36 -2.11	33.16 -1.99 -1.50
ONEIDA_HERK_LFGE 323681	30.13 0.41 -0.21	28.50 0.34 -0.23	28.32 0.34 -0.16	27.66 0.35 -0.21	28.55 0.36 -0.19	30.77 0.48 -0.28	43.80 0.86 0.00	45.68 1.01 -0.61	36.90 0.78 -0.58	33.57 0.68 -0.44	32.91 0.67 -0.55	31.45 0.53 -1.26	31.23 0.47 -1.46	30.84 0.57 -1.52	29.19 0.54 -1.80	29.41 0.59 -1.98	30.38 0.62 -2.86	47.44 1.07 -3.70	46.72 1.07 -2.94	43.23 1.23 -2.33	37.12 0.99 -1.99	35.72 0.87 -1.48	35.28 0.83 -1.26	34.79 0.74 -0.40
ONEIDA___115KV_TB4 55905	30.58 0.71 -0.36	28.94 0.61 -0.39	28.71 0.61 -0.28	28.08 0.62 -0.36	29.00 0.67 -0.33	31.28 0.78 -0.48	44.40 1.46 0.00	46.74 1.63 -1.06	37.84 1.32 -0.98	34.34 1.14 -0.75	33.77 1.14 -0.94	31.76 1.01 -1.10	31.40 0.97 -1.14	30.95 0.95 -1.26	29.57 0.91 -1.80	29.92 0.97 -2.12	31.58 1.02 -3.65	48.87 1.66 -4.53	47.61 1.67 -3.23	43.54 1.59 -2.28	37.35 1.30 -1.91	35.88 1.17 -1.34	35.29 1.13 -0.98	35.45 1.11 -0.69
ONONDAGA_REF_OCCRA 23987	30.04 -0.12 -0.65	28.51 -0.14 -0.71	28.18 -0.14 -0.50	27.59 -0.16 -0.66	28.45 -0.14 -0.60	30.68 -0.21 -0.87	42.59 -0.34 0.00	45.70 -0.26 -1.91	37.21 -0.11 -1.77	33.74 -0.06 -1.36	33.39 0.00 -1.70	31.69 0.06 -1.99	31.41 0.06 -2.05	31.13 0.11 -2.27	30.19 0.08 -3.25	30.80 0.13 -3.82	33.59 0.11 -6.58	50.97 0.13 -8.17	48.67 0.13 -5.83	43.90 0.12 -4.11	37.65 0.07 -3.44	35.82 0.03 -2.42	34.92 -0.03 -1.76	34.79 -0.10 -1.25
ONONDAGA___COGEN 23986	30.11 -0.03 -0.63	28.57 -0.06 -0.69	28.22 -0.08 -0.48	27.65 -0.08 -0.64	28.49 -0.08 -0.59	30.71 -0.15 -0.85	42.68 -0.26 0.00	45.82 -0.09 -1.86	37.26 0.00 -1.72	33.80 0.03 -1.32	33.44 0.10 -1.65	31.70 0.12 -1.93	31.44 0.15 -1.99	31.15 0.20 -2.20	30.17 0.16 -3.16	30.74 0.19 -3.71	33.49 0.19 -6.40	50.88 0.26 -7.95	48.64 0.26 -5.67	43.91 0.24 -4.00	37.70 0.20 -3.35	35.86 0.13 -2.36	34.97 0.07 -1.71	34.90 0.03 -1.21
ONTARIO___LFGE 23819	30.91 0.56 -0.84	29.38 0.53 -0.92	29.02 0.56 -0.64	28.43 0.49 -0.85	29.24 0.48 -0.78	31.95 0.81 -1.13	44.01 1.07 0.00	47.89 1.37 -2.47	39.16 1.32 -2.30	35.42 1.20 -1.77	35.00 1.11 -2.20	33.33 1.10 -2.58	33.08 1.11 -2.66	32.87 1.18 -2.94	32.10 1.02 -4.22	32.95 1.15 -4.96	36.52 1.16 -8.46	60.24 1.66 -15.90	50.08 0.55 -6.80	44.95 0.48 -4.80	38.79 0.62 -4.03	36.73 0.53 -2.83	35.67 0.43 -2.05	35.54 0.44 -1.46
ORANGEVILLE_WT_PWR 323706	29.16 -1.24 -0.89	27.68 -1.23 -0.98	27.25 -1.25 -0.68	26.81 -1.19 -0.90	27.58 -1.23 -0.83	30.10 -1.11 -1.19	41.18 -1.76 0.00	43.85 -2.82 -2.62	36.01 -1.95 -2.42	32.75 -1.56 -1.86	32.43 -1.58 -2.32	31.00 -1.36 -2.72	30.90 -1.20 -2.80	30.75 -1.09 -3.10	30.15 -1.15 -4.44	31.10 -0.97 -5.22	34.31 -1.40 -8.80	39.10 -2.22 1.35	48.24 -2.35 -7.88	43.21 -2.02 -5.56	37.37 -1.43 -4.66	35.31 -1.34 -3.28	34.41 -1.16 -2.38	34.39 -0.94 -1.69
ORANGEVILLE___ESR 323794	29.16 -1.24 -0.89	27.68 -1.23 -0.98	27.25 -1.25 -0.68	26.81 -1.19 -0.90	27.58 -1.23 -0.83	30.10 -1.11 -1.19	41.18 -1.76 0.00	43.85 -2.82 -2.62	36.01 -1.95 -2.42	32.75 -1.56 -1.86	32.43 -1.58 -2.32	31.00 -1.36 -2.72	30.90 -1.20 -2.80	30.75 -1.09 -3.10	30.15 -1.15 -4.44	31.10 -0.97 -5.22	34.31 -1.40 -8.80	39.10 -2.22 1.35	48.24 -2.35 -7.88	43.21 -2.02 -5.56	37.37 -1.43 -4.66	35.31 -1.34 -3.28	34.41 -1.16 -2.38	34.39 -0.94 -1.69
OSWEGATCHIE___HYD 24044	29.16 -0.53 -0.18	27.68 -0.45 -0.19	27.57 -0.39 -0.14	26.92 -0.35 -0.18	27.70 -0.45 -0.16	29.68 -0.57 -0.24	42.03 -0.90 0.00	44.05 -0.53 -0.52	35.36 -0.68 -0.49	32.12 -0.71 -0.38	31.44 -0.73 -0.47	32.37 -0.77 -3.49	32.85 -0.79 -4.34	32.43 -0.66 -4.34	30.66 -0.62 -4.42	30.74 -0.67 -4.57	31.63 -0.62 -5.34	49.11 -0.90 -7.34	48.50 -0.90 -6.68	45.04 -0.56 -5.92	38.86 -0.48 -5.19	36.82 -0.57 -4.02	36.46 -0.53 -3.80	33.42 -0.57 -0.34
OSWEGO___5 23606	29.43 -0.59 -0.51	27.90 -0.59 -0.56	27.63 -0.59 -0.39	27.01 -0.60 -0.51	27.87 -0.59 -0.47	29.94 -0.75 -0.68	41.78 -1.16 0.00	44.44 -1.10 -1.49	36.17 -0.82 -1.44	32.87 -0.68 -1.11	32.44 -0.63 -1.38	30.70 -0.56 -1.62	30.41 -0.56 -1.67	30.08 -0.52 -1.84	29.02 -0.48 -2.65	29.49 -0.46 -3.11	31.72 -0.48 -5.30	48.45 -0.81 -6.59	46.64 -0.77 -4.69	42.23 -0.75 -3.31	36.26 -0.65 -2.77	34.65 -0.67 -1.95	33.94 -0.66 -1.42	33.94 -0.71 -1.00
OSWEGO___6 23613	29.43 -0.59 -0.51	27.90 -0.59 -0.56	27.63 -0.59 -0.39	27.01 -0.60 -0.51	27.87 -0.59 -0.47	29.94 -0.75 -0.68	41.78 -1.16 0.00	44.44 -1.10 -1.49	36.17 -0.82 -1.44	32.87 -0.68 -1.11	32.44 -0.63 -1.38	30.70 -0.56 -1.62	30.41 -0.56 -1.67	30.08 -0.52 -1.84	29.02 -0.48 -2.65	29.49 -0.46 -3.11	31.72 -0.48 -5.30	48.45 -0.81 -6.59	46.64 -0.77 -4.69	42.23 -0.75 -3.31	36.26 -0.65 -2.77	34.65 -0.67 -1.95	33.94 -0.66 -1.42	33.94 -0.71 -1.00
OUTOKUMPU-AB___DRP 24206	28.89 -1.42 -0.80	27.41 -1.40 -0.87	26.96 -1.47 -0.61	26.52 -1.38 -0.81	27.33 -1.40 -0.74	29.79 -1.29 -1.07	41.05 -1.89 0.00	43.40 -3.00 -2.34	35.65 -2.06 -2.17	32.53 -1.59 -1.67	32.15 -1.62 -2.08	30.63 -1.45 -2.43	30.55 -1.26 -2.51	30.32 -1.21 -2.78	29.55 -1.29 -3.98	30.42 -1.10 -4.68	33.45 -1.40 -7.94	46.52 -2.13 -5.98	47.19 -2.56 -7.03	42.33 -2.30 -4.96	36.59 -1.71 -4.16	34.62 -1.67 -2.93	33.85 -1.46 -2.12	33.98 -1.18 -1.50
OXBOW___ 24026	28.62 -1.68 -0.79	27.15 -1.65 -0.87	26.73 -1.70 -0.61	26.27 -1.63 -0.80	27.07 -1.65 -0.73	29.48 -1.59 -1.06	40.45 -2.49 0.00	42.68 -3.70 -2.33	35.24 -2.45 -2.15	32.09 -2.01 -1.65	31.79 -1.97 -2.06	30.31 -1.75 -2.41	30.18 -1.61 -2.49	29.97 -1.52 -2.75	29.24 -1.56 -3.95	30.11 -1.37 -4.64	33.11 -1.69 -7.90	46.20 -2.52 -6.05	46.68 -3.08 -7.04	41.86 -2.78 -4.96	36.19 -2.12 -4.16	34.29 -2.00 -2.93	33.49 -1.83 -2.12	33.64 -1.51 -1.51
OXY_CHEM_DSASP 323612	28.20 -2.10 -0.79	26.76 -2.04 -0.86	26.34 -2.09 -0.61	25.92 -1.98 -0.80	26.68 -2.04 -0.73	29.06 -2.01 -1.06	39.80 -3.13 0.00	42.10 -4.27 -2.32	34.63 -3.06 -2.15	31.67 -2.43 -1.65	31.28 -2.47 -2.06	29.86 -2.19 -2.41	29.77 -2.02 -2.49	29.57 -1.93 -2.75	28.81 -1.99 -3.95	29.68 -1.80 -4.64	32.64 -2.13 -7.86	45.68 -3.12 -6.12	45.84 -3.84 -6.97	41.13 -3.45 -4.91	35.56 -2.70 -4.12	33.70 -2.57 -2.90	32.94 -2.36 -2.10	33.12 -2.02 -1.49
OZONE_PARK_ESR 323760	35.03 2.04 -3.48	33.62 1.87 -3.81	32.33 1.84 -2.67	32.40 1.79 -3.52	33.09 1.88 -3.23	37.08 2.40 -4.66	46.59 3.65 0.00	58.28 4.01 -10.22	48.37 3.27 -9.56	43.03 3.24 -7.34	43.92 3.07 -9.15	43.39 3.02 -10.72	43.32 2.96 -11.06	43.85 2.87 -12.23	47.04 2.63 -17.55	50.07 2.60 -20.63	68.43 2.74 -38.78	90.57 4.18 -43.71	77.97 4.10 -31.16	65.41 3.77 -21.97	55.57 3.00 -18.42	49.30 2.97 -12.96	45.65 3.05 -9.40	43.38 3.06 -6.67

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.20 -2.10 -0.79	26.76 -2.04 -0.86	26.34 -2.09 -0.61	25.92 -1.98 -0.80	26.68 -2.04 -0.73	29.06 -2.01 -1.06	39.80 -3.13 0.00	42.10 -4.27 -2.32	34.63 -3.06 -2.15	31.67 -2.43 -1.65	31.28 -2.47 -2.06	29.86 -2.19 -2.41	29.77 -2.02 -2.49	29.57 -1.93 -2.75	28.81 -1.99 -3.95	29.68 -1.80 -4.64	32.64 -2.13 -7.86	45.68 -3.12 -6.12	45.84 -3.84 -6.97	41.13 -3.45 -4.91	35.56 -2.70 -4.12	33.70 -2.57 -2.90	32.94 -2.36 -2.10	33.12 -2.02 -1.49
PACKARD__115KV_DUPONT_184 80571	28.20 -2.10 -0.79	26.76 -2.04 -0.86	26.34 -2.09 -0.61	25.92 -1.98 -0.80	26.68 -2.04 -0.73	29.06 -2.01 -1.06	39.80 -3.13 0.00	42.10 -4.27 -2.32	34.63 -3.06 -2.15	31.67 -2.43 -1.65	31.28 -2.47 -2.06	29.86 -2.19 -2.41	29.77 -2.02 -2.49	29.57 -1.93 -2.75	28.81 -1.99 -3.95	29.68 -1.80 -4.64	32.64 -2.13 -7.86	45.68 -3.12 -6.12	45.84 -3.84 -6.97	41.13 -3.45 -4.91	35.56 -2.70 -4.12	33.70 -2.57 -2.90	32.94 -2.36 -2.10	33.12 -2.02 -1.49
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.09 2.10 -3.48	33.64 1.90 -3.81	32.33 1.84 -2.67	32.37 1.76 -3.52	33.06 1.85 -3.23	36.93 2.25 -4.66	46.03 3.09 0.00	57.62 3.35 -10.22	47.91 2.81 -9.56	42.61 2.82 -7.34	43.54 2.69 -9.15	43.01 2.64 -10.72	42.94 2.58 -11.06	43.48 2.50 -12.23	46.72 2.31 -17.55	49.75 2.28 -20.63	68.12 2.45 -38.77	90.10 3.71 -43.72	77.51 3.63 -31.16	64.94 3.29 -21.97	55.16 2.59 -18.42	48.97 2.64 -12.96	45.38 2.79 -9.40	43.28 2.96 -6.67
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.36 2.36 -3.48	33.89 2.15 -3.81	32.58 2.09 -2.67	32.62 2.01 -3.52	33.29 2.07 -3.23	37.20 2.52 -4.66	46.46 3.52 0.00	58.02 3.74 -10.22	48.19 3.09 -9.56	42.87 3.08 -7.34	43.79 2.95 -9.15	43.22 2.85 -10.72	43.18 2.81 -11.06	43.68 2.70 -12.23	46.93 2.52 -17.55	49.94 2.47 -20.63	68.28 2.61 -38.77	90.61 4.22 -43.72	77.89 4.02 -31.16	65.26 3.61 -21.97	55.40 2.83 -18.42	49.20 2.87 -12.96	45.68 3.09 -9.40	43.59 3.26 -6.67
PATROON__115KV_TB1 80586	35.03 1.15 -4.37	33.83 1.12 -4.78	32.34 1.17 -3.35	32.65 1.14 -4.41	33.19 1.15 -4.05	37.09 1.23 -5.85	44.61 1.67 0.00	58.55 1.67 -12.82	48.87 1.42 -11.91	42.86 1.27 -9.14	44.40 1.30 -11.41	44.19 1.19 -13.36	44.29 1.20 -13.78	45.19 1.21 -15.24	49.85 1.13 -21.87	53.69 1.15 -25.70	72.25 1.13 -44.22	98.96 1.83 -54.45	83.32 1.79 -38.81	68.71 1.67 -27.37	58.84 1.50 -23.20	50.98 1.47 -16.14	46.30 1.39 -11.71	43.37 1.41 -8.30
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.66 -1.68 -0.84	27.14 -1.70 -0.91	26.74 -1.73 -0.64	26.31 -1.63 -0.84	27.11 -1.65 -0.77	29.60 -1.53 -1.12	41.52 -1.42 0.00	43.46 -3.04 -2.45	35.61 -2.20 -2.27	32.41 -1.78 -1.74	32.03 -1.84 -2.17	30.56 -1.63 -2.55	30.46 -1.47 -2.63	30.27 -1.38 -2.91	29.55 -1.48 -4.17	30.45 -1.29 -4.90	33.64 -1.56 -8.30	46.35 -2.30 -5.98	47.33 -2.73 -7.35	42.39 -2.46 -5.18	36.61 -1.88 -4.35	34.59 -1.84 -3.06	33.75 -1.66 -2.22	33.77 -1.45 -1.57
PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.05 2.01 -3.53	33.64 1.84 -3.86	32.34 1.81 -2.71	32.45 1.79 -3.57	33.05 1.79 -3.27	36.99 2.25 -4.73	46.33 3.39 0.00	58.16 3.74 -10.37	48.23 3.06 -9.64	42.73 2.89 -7.40	43.77 2.85 -9.23	43.15 2.70 -10.81	43.12 2.67 -11.15	43.66 2.59 -12.33	46.96 2.42 -17.69	50.10 2.47 -20.79	65.62 2.50 -36.21	90.74 4.01 -44.06	77.97 3.84 -31.41	65.31 3.49 -22.15	55.72 3.00 -18.57	49.37 2.94 -13.06	45.52 2.85 -9.48	43.16 2.79 -6.72
PEEKSKILL____ 23653	34.67 1.71 -3.45	33.30 1.59 -3.77	32.09 1.59 -2.68	32.23 1.60 -3.54	32.89 1.65 -3.25	36.80 2.10 -4.69	46.12 3.18 0.00	57.68 3.35 -10.28	47.79 2.70 -9.54	42.44 2.66 -7.33	43.43 2.60 -9.14	42.90 2.55 -10.71	42.84 2.49 -11.05	43.37 2.42 -12.21	46.61 2.23 -17.52	49.64 2.20 -20.60	68.34 2.29 -39.15	89.84 3.54 -43.63	77.26 3.46 -31.09	64.77 3.17 -21.92	55.12 2.59 -18.38	48.87 2.57 -12.93	45.16 2.59 -9.38	42.93 2.63 -6.65
PGE MADISON__WINDPWR 24146	32.79 2.13 -1.15	30.98 1.79 -1.26	30.46 1.75 -0.88	30.07 1.82 -1.16	30.93 1.88 -1.07	33.92 2.37 -1.54	47.75 4.81 0.00	52.45 5.02 -3.38	42.76 4.05 -3.16	38.28 3.41 -2.43	38.08 3.36 -3.03	36.16 2.96 -3.55	35.72 2.75 -3.66	35.44 2.64 -4.05	35.05 2.39 -5.81	36.35 2.68 -6.83	41.34 2.93 -11.50	63.47 5.16 -15.63	58.10 5.12 -10.26	51.59 4.68 -7.24	44.10 3.89 -6.07	41.24 3.60 -4.27	39.84 3.55 -3.10	39.28 3.43 -2.20
PIERCEFIELD__HYD 23852	29.08 -0.53 -0.10	27.70 -0.34 -0.11	27.67 -0.22 -0.07	26.95 -0.24 -0.10	27.69 -0.39 -0.09	29.51 -0.63 -0.13	42.17 -0.77 0.00	43.59 -0.75 -0.28	34.96 -0.85 -0.27	31.68 -0.97 -0.21	30.97 -0.98 -0.26	33.25 -1.01 -4.61	34.14 -1.00 -5.83	33.52 -1.01 -5.78	31.62 -0.89 -5.65	31.49 -1.07 -5.73	32.08 -1.00 -6.17	49.88 -1.49 -8.70	49.52 -1.54 -8.34	46.02 -1.31 -7.66	39.85 -1.06 -6.77	37.59 -1.07 -5.29	37.40 -0.93 -5.14	32.96 -0.87 -0.19
PINELAWN_CC_I 323563	37.27 3.04 -4.72	35.73 2.77 -5.03	34.57 2.73 -4.02	34.62 2.66 -4.86	35.13 2.77 -4.36	39.04 3.39 -5.63	51.99 5.02 -4.03	63.76 5.28 -14.43	53.17 4.19 -13.44	44.65 3.99 -8.21	44.97 3.77 -9.51	46.74 3.65 -13.44	46.18 3.57 -13.30	48.77 3.51 -16.52	53.07 3.28 -22.94	62.22 3.27 -32.11	84.43 3.12 -54.41	118.30 4.61 -71.01	97.92 4.57 -50.63	87.01 4.25 -43.09	73.12 3.62 -35.36	66.98 3.60 -30.01	51.68 4.08 -14.41	47.70 4.07 -9.98
PJM_GEN_HTP_PROXY 323702	34.79 1.80 -3.48	33.42 1.68 -3.81	32.15 1.64 -2.69	32.27 1.63 -3.54	32.92 1.68 -3.25	36.88 2.16 -4.70	46.20 3.26 0.00	57.88 3.53 -10.30	47.95 2.84 -9.56	42.65 2.86 -7.34	43.61 2.76 -9.16	43.10 2.73 -10.73	43.04 2.67 -11.07	43.57 2.59 -12.24	46.80 2.39 -17.56	49.81 2.33 -20.64	68.14 2.45 -38.79	90.10 3.71 -43.72	77.50 3.63 -31.15	64.97 3.33 -21.97	55.23 2.66 -18.42	48.96 2.64 -12.96	45.31 2.72 -9.40	43.07 2.76 -6.66
PJM_GEN_KEystone 24065	31.95 0.21 -2.24	30.52 0.14 -2.45	29.61 0.08 -1.70	29.45 0.11 -2.24	30.19 0.14 -2.06	33.41 0.42 -2.98	43.62 0.68 0.00	50.71 0.13 -6.53	41.80 0.21 -6.04	37.48 0.39 -4.64	37.83 0.35 -5.79	36.90 0.47 -6.78	36.79 0.50 -7.00	36.97 0.49 -7.73	38.30 0.35 -11.10	40.31 0.43 -13.04	48.30 0.32 -21.07	69.61 0.43 -26.51	62.76 0.34 -19.70	53.92 0.36 -13.89	46.10 0.31 -11.65	41.93 0.37 -8.19	39.60 0.46 -5.94	38.40 0.54 -4.21
PJM_GEN_NEPTUNE_PROXY 323594	35.59 2.48 -3.60	34.13 2.29 -3.91	32.90 2.28 -2.80	32.51 2.22 -3.19	33.65 2.32 -3.34	37.30 2.82 -4.46	50.73 4.12 -3.67	62.79 4.32 -14.42	52.35 3.49 -13.32	43.28 3.41 -7.43	44.38 3.23 -9.45	46.20 3.11 -13.44	45.45 3.05 -13.10	48.23 2.96 -16.52	52.56 2.77 -22.94	61.68 2.74 -32.11	84.08 2.77 -54.41	117.95 4.27 -71.01	97.57 4.23 -50.63	86.65 3.89 -43.09	72.71 3.21 -35.36	62.63 3.20 -26.05	50.97 3.39 -14.39	47.03 3.40 -9.98
PJM_GEN_VFT_PROXY 323633	34.68 1.68 -3.48	33.28 1.54 -3.81	32.01 1.50 -2.69	32.13 1.49 -3.54	32.78 1.54 -3.25	36.76 2.04 -4.70	45.99 3.05 0.00	57.66 3.31 -10.30	47.77 2.67 -9.56	42.52 2.73 -7.34	43.48 2.63 -9.16	43.01 2.64 -10.73	42.95 2.58 -11.07	43.46 2.47 -12.24	46.70 2.28 -17.56	49.68 2.20 -20.64	68.00 2.31 -38.78	89.89 3.50 -43.72	77.29 3.42 -31.15	64.77 3.13 -21.97	55.02 2.46 -18.42	48.83 2.50 -12.96	45.18 2.59 -9.40	42.94 2.63 -6.66

PLATSBRG_115KV_PMLD1 355749	29.18 -0.32 0.00	27.77 -0.17 0.00	27.68 -0.14 0.00	26.91 -0.19 0.00	27.85 -0.14 0.00	29.92 -0.09 0.00	43.07 0.13 0.00	43.61 -0.44 0.00	34.72 -0.82 0.00	31.25 -1.20 0.00	30.14 -1.55 0.00	0.92 -1.63 27.10	-7.00 -1.58 34.72	-7.00 -1.55 34.19	-7.00 -1.42 32.43	-7.03 -1.50 32.36	-7.03 -1.45 32.48	-6.34 -2.18 46.84	-6.39 -2.31 46.80	-6.67 -2.18 44.16	-6.97 -1.84 39.27	0.85 -1.60 30.91	0.97 -1.63 30.59	32.00 -1.65 0.00
PLEASANTVLY___LBMP 24000	34.77 1.62 -3.64	33.42 1.51 -3.98	32.11 1.50 -2.79	32.23 1.46 -3.67	32.87 1.51 -3.37	36.78 1.89 -4.87	45.73 2.79 0.00	57.68 2.95 -10.68	47.89 2.42 -9.93	42.38 2.30 -7.62	43.48 2.28 -9.51	42.98 2.19 -11.14	42.93 2.14 -11.49	43.55 2.10 -12.70	47.02 1.93 -18.23	50.17 1.91 -21.43	66.16 1.96 -37.29	91.07 2.99 -45.41	78.07 2.99 -32.37	65.23 2.74 -22.83	55.53 2.25 -19.14	49.07 2.24 -13.46	45.22 2.26 -9.77	42.90 2.32 -6.92
PLSNTVLE_13_KV_13.8KVDIST 80602	34.88 1.86 -3.51	33.47 1.70 -3.84	32.21 1.70 -2.69	32.29 1.65 -3.54	32.97 1.74 -3.25	36.87 2.16 -4.69	46.20 3.26 0.00	57.82 3.48 -10.29	47.99 2.84 -9.60	42.58 2.76 -7.37	43.55 2.66 -9.20	43.00 2.58 -10.77	42.93 2.52 -11.11	43.50 2.47 -12.28	46.74 2.26 -17.63	49.81 2.25 -20.72	67.20 2.34 -37.96	90.17 3.58 -43.91	77.56 3.55 -31.30	65.00 3.25 -22.07	55.31 2.66 -18.51	49.02 2.64 -13.02	45.29 2.66 -9.44	43.00 2.66 -6.70
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.88 1.86 -3.51	33.47 1.70 -3.84	32.21 1.70 -2.69	32.29 1.65 -3.54	32.97 1.74 -3.25	36.87 2.16 -4.69	46.20 3.26 0.00	57.82 3.48 -10.29	47.99 2.84 -9.60	42.58 2.76 -7.37	43.55 2.66 -9.20	43.00 2.58 -10.77	42.93 2.52 -11.11	43.50 2.47 -12.28	46.74 2.26 -17.63	49.81 2.25 -20.72	67.20 2.34 -37.96	90.17 3.58 -43.91	77.56 3.55 -31.30	65.00 3.25 -22.07	55.31 2.66 -18.51	49.02 2.64 -13.02	45.29 2.66 -9.44	43.00 2.66 -6.70
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.84 1.74 -3.59	33.48 1.62 -3.92	32.16 1.59 -2.75	32.26 1.54 -3.62	32.94 1.62 -3.32	36.86 2.04 -4.80	45.94 3.01 0.00	57.71 3.13 -10.53	47.84 2.52 -9.78	42.36 2.40 -7.50	43.40 2.35 -9.36	42.84 2.22 -10.96	42.84 2.23 -11.32	43.44 2.18 -12.51	46.82 2.01 -17.95	50.00 2.07 -21.10	65.34 2.07 -36.36	90.62 3.24 -44.71	77.79 3.20 -31.87	65.08 2.94 -22.47	55.45 2.46 -18.85	49.03 2.40 -13.26	45.23 2.42 -9.62	42.92 2.46 -6.82
POLETTI____ 23519	34.79 1.80 -3.48	33.39 1.65 -3.81	32.11 1.61 -2.67	32.18 1.57 -3.52	32.87 1.65 -3.23	36.81 2.13 -4.66	46.16 3.22 0.00	57.89 3.61 -10.22	48.05 2.95 -9.56	42.77 2.99 -7.34	43.70 2.85 -9.15	43.16 2.79 -10.72	43.09 2.72 -11.06	43.62 2.64 -12.23	46.85 2.44 -17.55	49.85 2.39 -20.63	68.19 2.50 -38.78	90.10 3.71 -43.71	77.55 3.67 -31.16	64.98 3.33 -21.97	55.23 2.66 -18.42	49.00 2.67 -12.96	45.38 2.79 -9.40	43.11 2.79 -6.67
POMONA___ESR 323819	34.58 1.71 -3.36	33.17 1.56 -3.68	31.83 1.45 -2.56	31.90 1.44 -3.37	32.59 1.51 -3.09	36.43 1.95 -4.47	45.82 2.88 0.00	56.76 2.91 -9.80	46.88 2.24 -9.10	41.64 2.21 -6.98	42.56 2.16 -8.71	41.99 2.14 -10.21	41.94 2.11 -10.53	42.43 2.04 -11.64	45.41 1.85 -16.71	48.35 1.88 -19.64	59.10 1.91 -30.29	87.21 2.94 -41.59	75.30 2.95 -29.64	63.23 2.66 -20.90	53.86 2.19 -17.53	47.86 2.17 -12.33	44.32 2.19 -8.94	42.18 2.19 -6.34
PORT_JEFF_3 23555	36.98 3.42 -4.05	35.40 3.10 -4.36	34.17 3.06 -3.29	34.19 2.95 -4.14	34.85 3.11 -3.75	38.95 3.81 -5.13	52.55 5.67 -3.95	64.39 5.90 -14.43	53.61 4.65 -13.41	44.60 4.41 -7.74	45.39 4.22 -9.48	47.12 4.03 -13.44	46.44 3.95 -13.18	49.15 3.88 -16.52	53.42 3.62 -22.94	62.62 3.68 -32.11	85.03 3.71 -54.41	119.53 5.85 -71.01	99.15 5.81 -50.63	88.16 5.39 -43.09	74.01 4.51 -35.36	65.39 4.37 -27.65	52.21 4.61 -14.41	48.24 4.61 -9.98
PORT_JEFF_4 23616	36.98 3.42 -4.05	35.40 3.10 -4.36	34.17 3.06 -3.29	34.19 2.95 -4.14	34.85 3.11 -3.75	38.95 3.81 -5.13	52.55 5.67 -3.95	64.39 5.90 -14.43	53.61 4.65 -13.41	44.60 4.41 -7.74	45.39 4.22 -9.48	47.12 4.03 -13.44	46.44 3.95 -13.18	49.15 3.88 -16.52	53.42 3.62 -22.94	62.62 3.68 -32.11	85.03 3.71 -54.41	119.53 5.85 -71.01	99.15 5.81 -50.63	88.16 5.39 -43.09	74.01 4.51 -35.36	65.39 4.37 -27.65	52.21 4.61 -14.41	48.24 4.61 -9.98
PORT_JEFF_IC 23713	37.07 3.48 -4.08	35.45 3.13 -4.39	34.25 3.12 -3.32	34.27 3.01 -4.17	34.93 3.16 -3.78	39.00 3.84 -5.15	52.68 5.79 -3.95	64.47 5.99 -14.43	53.72 4.76 -13.41	44.69 4.48 -7.76	45.45 4.28 -9.48	47.18 4.09 -13.44	46.53 4.04 -13.19	49.21 3.94 -16.52	53.50 3.71 -22.94	62.70 3.76 -32.11	85.05 3.74 -54.41	119.58 5.89 -71.01	99.24 5.90 -50.63	88.20 5.44 -43.09	74.11 4.61 -35.36	65.57 4.47 -27.73	52.31 4.71 -14.41	48.31 4.68 -9.98
PPL PILGRIM_ST_GT1 24216	37.12 3.45 -4.16	35.53 3.13 -4.47	34.32 3.09 -3.41	34.34 2.98 -4.26	34.98 3.13 -3.86	39.04 3.81 -5.21	52.57 5.67 -3.96	64.42 5.94 -14.43	53.65 4.69 -13.42	44.72 4.45 -7.82	45.39 4.22 -9.48	47.15 4.06 -13.44	46.49 3.98 -13.20	49.18 3.91 -16.52	53.47 3.68 -22.94	62.62 3.68 -32.11	85.03 3.71 -54.41	119.36 5.68 -71.01	98.98 5.64 -50.63	88.12 5.35 -43.09	73.94 4.44 -35.36	65.78 4.37 -28.04	52.21 4.61 -14.41	48.28 4.65 -9.98
PPL PILGRIM_ST_GT2 24217	37.12 3.45 -4.16	35.53 3.13 -4.47	34.32 3.09 -3.41	34.34 2.98 -4.26	34.98 3.13 -3.86	39.04 3.81 -5.21	52.57 5.67 -3.96	64.42 5.94 -14.43	53.65 4.69 -13.42	44.72 4.45 -7.82	45.39 4.22 -9.48	47.15 4.06 -13.44	46.49 3.98 -13.20	49.18 3.91 -16.52	53.47 3.68 -22.94	62.62 3.68 -32.11	85.03 3.71 -54.41	119.36 5.68 -71.01	98.98 5.64 -50.63	88.12 5.35 -43.09	73.94 4.44 -35.36	65.78 4.37 -28.04	52.21 4.61 -14.41	48.28 4.65 -9.98
PPL_SHRM_GT3 24213	37.23 3.66 -4.06	35.60 3.29 -4.37	34.38 3.25 -3.30	34.39 3.14 -4.15	35.05 3.30 -3.76	39.20 4.05 -5.14	52.98 6.09 -3.95	64.60 6.12 -14.43	53.75 4.80 -13.41	44.74 4.54 -7.75	45.61 4.44 -9.48	47.36 4.27 -13.44	46.67 4.19 -13.18	49.38 4.11 -16.52	53.63 3.84 -22.94	62.86 3.92 -32.11	85.37 4.06 -54.41	120.09 6.40 -71.01	99.75 6.41 -50.63	88.71 5.95 -43.09	74.38 4.88 -35.36	65.76 4.71 -27.69	52.51 4.91 -14.41	48.51 4.88 -9.98
PPL_SHRM_GT4 24214	37.23 3.66 -4.06	35.60 3.29 -4.37	34.38 3.25 -3.30	34.39 3.14 -4.15	35.05 3.30 -3.76	39.20 4.05 -5.14	52.98 6.09 -3.95	64.60 6.12 -14.43	53.75 4.80 -13.41	44.74 4.54 -7.75	45.61 4.44 -9.48	47.36 4.27 -13.44	46.67 4.19 -13.18	49.38 4.11 -16.52	53.63 3.84 -22.94	62.86 3.92 -32.11	85.37 4.06 -54.41	120.09 6.40 -71.01	99.75 6.41 -50.63	88.71 5.95 -43.09	74.38 4.88 -35.36	65.76 4.71 -27.69	52.51 4.91 -14.41	48.51 4.88 -9.98
PROJECT___ORANGE I 24174	29.89 -0.21 -0.59	28.35 -0.22 -0.64	28.02 -0.25 -0.45	27.45 -0.24 -0.59	28.28 -0.25 -0.54	30.44 -0.36 -0.79	42.34 -0.60 0.00	45.25 -0.53 -1.72	36.82 -0.32 -1.60	33.45 -0.23 -1.23	33.06 -0.16 -1.53	31.35 -0.09 -1.79	31.09 -0.06 -1.85	30.79 0.00 -2.04	29.76 -0.03 -2.93	30.28 0.00 -3.45	32.78 -0.05 -5.93	49.87 -0.17 -7.37	47.84 -0.13 -5.25	43.22 -0.16 -3.70	37.11 -0.14 -3.10	35.35 -0.20 -2.18	34.54 -0.23 -1.58	34.50 -0.27 -1.12

PROJECT___ORANGE 2 24166	29.89 -0.21 -0.59	28.35 -0.22 -0.64	28.02 -0.25 -0.45	27.45 -0.24 -0.59	28.28 -0.25 -0.54	30.44 -0.36 -0.79	42.34 -0.60 0.00	45.25 -0.53 -1.72	36.82 -0.32 -1.60	33.45 -0.23 -1.23	33.06 -0.16 -1.53	31.35 -0.09 -1.79	31.09 -0.06 -1.85	30.79 0.00 -2.04	29.76 -0.03 -2.93	30.28 0.00 -3.45	32.78 -0.05 -5.93	49.87 -0.17 -7.37	47.84 -0.13 -5.25	43.22 -0.16 -3.70	37.11 -0.14 -3.10	35.35 -0.20 -2.18	34.54 -0.23 -1.58	34.50 -0.27 -1.12
PUCKETT___SOLAR 323809	31.59 0.80 -1.28	29.98 0.64 -1.40	29.44 0.64 -0.98	29.04 0.65 -1.29	29.87 0.70 -1.18	32.68 0.96 -1.71	44.83 1.89 0.00	49.52 1.72 -3.75	40.55 1.49 -3.52	36.48 1.33 -2.70	36.36 1.30 -3.37	34.81 1.22 -3.95	34.51 1.14 -4.07	34.37 1.12 -4.50	34.33 1.02 -6.46	35.58 1.15 -7.59	40.94 1.24 -12.79	61.51 2.13 -16.70	56.24 2.09 -11.43	49.64 1.90 -8.06	42.51 1.61 -6.76	39.63 1.50 -4.75	38.10 1.46 -3.45	37.51 1.41 -2.45
PYRITES___HYD 24023	29.51 -0.09 -0.09	28.09 0.06 -0.10	28.06 0.17 -0.07	27.35 0.16 -0.09	28.13 0.06 -0.08	30.04 -0.09 -0.12	43.28 0.34 0.00	44.76 0.44 -0.27	35.90 0.11 -0.25	32.51 -0.13 -0.19	31.71 -0.22 -0.24	33.46 -0.30 -4.11	34.15 -0.35 -5.20	33.56 -0.34 -5.16	31.60 -0.30 -5.04	31.52 -0.43 -5.11	32.14 -0.30 -5.53	50.20 -0.26 -7.79	49.87 -0.30 -7.45	46.27 -0.24 -6.83	39.97 -0.20 -6.04	37.82 -0.27 -4.72	37.57 -0.20 -4.58	33.62 -0.20 -0.18
QUAKERRD_115KV_BK1 80622	28.95 -1.24 -0.68	27.48 -1.20 -0.75	27.12 -1.22 -0.52	26.60 -1.19 -0.69	27.42 -1.20 -0.63	29.67 -1.26 -0.92	41.01 -1.93 0.00	43.90 -2.16 -2.01	35.87 -1.53 -1.86	32.61 -1.27 -1.43	32.27 -1.20 -1.78	30.67 -1.07 -2.09	30.49 -0.97 -2.15	30.18 -0.95 -2.38	29.33 -0.94 -3.42	29.99 -0.86 -4.02	32.80 -0.94 -6.84	48.75 -1.66 -7.74	47.19 -1.58 -6.06	42.52 -1.43 -4.27	36.56 -1.16 -3.58	34.65 -1.23 -2.52	33.79 -1.23 -1.83	33.80 -1.14 -1.30
QUENSBRY_115KV_TB8 356137	36.30 2.33 -4.46	34.99 2.18 -4.88	33.32 2.09 -3.41	33.60 2.01 -4.50	34.16 2.04 -4.13	38.29 2.31 -5.97	46.42 3.48 0.00	60.70 3.57 -13.08	50.61 2.91 -12.15	44.18 2.40 -9.33	45.48 2.16 -11.63	45.29 2.02 -13.63	45.38 2.02 -14.06	46.30 2.01 -15.54	50.96 1.80 -22.31	54.80 1.74 -26.22	73.82 1.83 -45.08	101.63 3.41 -55.55	85.38 3.08 -39.59	70.45 2.86 -27.92	60.58 2.63 -23.81	52.27 2.44 -16.47	47.39 2.26 -11.95	44.78 2.66 -8.47
RAMAPO___LBMP 323565	34.46 1.59 -3.35	33.05 1.45 -3.67	31.75 1.36 -2.57	31.83 1.35 -3.38	32.52 1.43 -3.10	36.33 1.83 -4.49	45.64 2.71 0.00	56.71 2.82 -9.83	46.79 2.20 -9.04	41.53 2.14 -6.94	42.41 2.06 -8.66	41.83 2.05 -10.14	41.76 1.99 -10.47	42.27 1.95 -11.57	45.23 1.77 -16.60	48.12 1.77 -19.51	59.06 1.80 -30.35	86.80 2.77 -41.35	74.97 2.78 -29.47	63.00 2.54 -20.78	53.62 2.05 -17.43	47.66 2.04 -12.26	44.18 2.09 -8.89	42.04 2.09 -6.31
RANKINE____ 23646	28.98 -1.36 -0.83	27.47 -1.37 -0.90	27.04 -1.42 -0.63	26.60 -1.33 -0.83	27.41 -1.34 -0.77	29.89 -1.23 -1.11	41.39 -1.55 0.00	43.70 -2.78 -2.42	35.83 -1.95 -2.25	32.68 -1.49 -1.72	32.29 -1.55 -2.15	30.80 -1.36 -2.52	30.70 -1.20 -2.60	30.50 -1.12 -2.87	29.80 -1.18 -4.12	30.69 -0.99 -4.85	33.80 -1.32 -8.21	45.89 -2.26 -5.48	47.60 -2.39 -7.27	42.70 -2.10 -5.13	36.87 -1.57 -4.30	34.86 -1.53 -3.03	34.06 -1.33 -2.19	34.13 -1.08 -1.56
RAVENSWOOD_GT2_1 24244	34.85 1.86 -3.48	33.45 1.70 -3.81	32.16 1.67 -2.67	32.27 1.65 -3.52	32.92 1.71 -3.23	36.87 2.19 -4.66	46.24 3.31 0.00	57.89 3.61 -10.22	48.05 2.95 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.80 2.39 -17.55	49.83 2.36 -20.63	68.15 2.48 -38.77	90.14 3.76 -43.72	77.55 3.67 -31.16	65.02 3.37 -21.97	55.26 2.70 -18.42	49.03 2.70 -12.96	45.38 2.79 -9.40	43.14 2.83 -6.67
RAVENSWOOD_GT2_2 24245	34.85 1.86 -3.48	33.45 1.70 -3.81	32.16 1.67 -2.67	32.27 1.65 -3.52	32.92 1.71 -3.23	36.87 2.19 -4.66	46.24 3.31 0.00	57.89 3.61 -10.22	48.05 2.95 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.80 2.39 -17.55	49.83 2.36 -20.63	68.15 2.48 -38.77	90.14 3.76 -43.72	77.55 3.67 -31.16	65.02 3.37 -21.97	55.26 2.70 -18.42	49.03 2.70 -12.96	45.38 2.79 -9.40	43.14 2.83 -6.67
RAVENSWOOD_GT2_3 24246	34.85 1.86 -3.48	33.48 1.73 -3.81	32.19 1.70 -2.67	32.27 1.65 -3.52	32.95 1.74 -3.23	36.90 2.22 -4.66	46.24 3.31 0.00	57.93 3.66 -10.22	48.09 2.99 -9.56	42.74 2.95 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.82 2.42 -17.55	49.83 2.36 -20.63	68.18 2.50 -38.77	90.19 3.80 -43.72	77.59 3.72 -31.16	65.06 3.41 -21.97	55.26 2.70 -18.42	49.03 2.70 -12.96	45.38 2.79 -9.40	43.14 2.83 -6.67
RAVENSWOOD_GT2_4 24247	34.85 1.86 -3.48	33.48 1.73 -3.81	32.19 1.70 -2.67	32.27 1.65 -3.52	32.95 1.74 -3.23	36.90 2.22 -4.66	46.24 3.31 0.00	57.93 3.66 -10.22	48.09 2.99 -9.56	42.74 2.95 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.82 2.42 -17.55	49.83 2.36 -20.63	68.18 2.50 -38.77	90.19 3.80 -43.72	77.59 3.72 -31.16	65.06 3.41 -21.97	55.26 2.70 -18.42	49.03 2.70 -12.96	45.38 2.79 -9.40	43.14 2.83 -6.67
RAVENSWOOD_GT3_1 24248	34.85 1.86 -3.48	33.45 1.70 -3.81	32.19 1.70 -2.67	32.27 1.65 -3.52	32.92 1.71 -3.23	36.87 2.19 -4.66	46.24 3.31 0.00	57.89 3.61 -10.22	48.05 2.95 -9.56	42.74 2.95 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.82 2.42 -17.55	49.83 2.36 -20.63	68.15 2.48 -38.77	90.14 3.76 -43.72	77.55 3.67 -31.16	65.02 3.37 -21.97	55.26 2.70 -18.42	49.03 2.70 -12.96	45.38 2.79 -9.40	43.14 2.83 -6.67
RAVENSWOOD_GT3_2 24249	34.85 1.86 -3.48	33.45 1.70 -3.81	32.19 1.70 -2.67	32.27 1.65 -3.52	32.92 1.71 -3.23	36.87 2.19 -4.66	46.24 3.31 0.00	57.89 3.61 -10.22	48.05 2.95 -9.56	42.74 2.95 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.82 2.42 -17.55	49.83 2.36 -20.63	68.15 2.48 -38.77	90.14 3.76 -43.72	77.55 3.67 -31.16	65.02 3.37 -21.97	55.26 2.70 -18.42	49.03 2.70 -12.96	45.38 2.79 -9.40	43.14 2.83 -6.67
RAVENSWOOD_GT3_3 24250	34.88 1.89 -3.48	33.48 1.73 -3.81	32.22 1.73 -2.67	32.29 1.68 -3.52	32.95 1.74 -3.23	36.90 2.22 -4.66	46.29 3.35 0.00	57.98 3.70 -10.22	48.12 3.02 -9.56	42.77 2.99 -7.34	43.70 2.85 -9.15	43.16 2.79 -10.72	43.09 2.72 -11.06	43.62 2.64 -12.23	46.85 2.44 -17.55	49.85 2.39 -20.63	68.20 2.53 -38.77	90.23 3.84 -43.72	77.63 3.76 -31.16	65.10 3.45 -21.97	55.30 2.73 -18.42	49.07 2.74 -12.96	45.42 2.82 -9.40	43.18 2.86 -6.67
RAVENSWOOD_GT3_4 24251	34.88 1.89 -3.48	33.48 1.73 -3.81	32.22 1.73 -2.67	32.29 1.68 -3.52	32.95 1.74 -3.23	36.90 2.22 -4.66	46.29 3.35 0.00	57.98 3.70 -10.22	48.12 3.02 -9.56	42.77 2.99 -7.34	43.70 2.85 -9.15	43.16 2.79 -10.72	43.09 2.72 -11.06	43.62 2.64 -12.23	46.85 2.44 -17.55	49.85 2.39 -20.63	68.20 2.53 -38.77	90.23 3.84 -43.72	77.63 3.76 -31.16	65.10 3.45 -21.97	55.30 2.73 -18.42	49.07 2.74 -12.96	45.42 2.82 -9.40	43.18 2.86 -6.67

RAVENSWOOD_GT_1 23729	35.00 2.01 -3.48	33.59 1.84 -3.81	32.27 1.78 -2.67	32.35 1.73 -3.52	33.01 1.79 -3.23	36.96 2.28 -4.66	46.29 3.35 0.00	57.93 3.66 -10.22	48.12 3.02 -9.56	42.81 3.02 -7.34	43.73 2.88 -9.15	43.19 2.82 -10.72	43.12 2.75 -11.06	43.65 2.67 -12.23	46.88 2.47 -17.55	49.91 2.44 -20.63	68.28 2.61 -38.77	90.36 3.97 -43.72	77.72 3.84 -31.16	65.18 3.53 -21.97	55.37 2.80 -18.42	49.13 2.80 -12.96	45.51 2.92 -9.40	43.35 3.03 -6.68
RAVENSWOOD_GT_10 24258	34.85 1.86 -3.48	33.45 1.70 -3.81	32.16 1.67 -2.67	32.27 1.65 -3.52	32.92 1.71 -3.23	36.87 2.19 -4.66	46.24 3.31 0.00	57.89 3.61 -10.22	48.05 2.95 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.80 2.39 -17.55	49.83 2.36 -20.63	68.15 2.48 -38.77	90.14 3.76 -43.72	77.55 3.67 -31.16	65.02 3.37 -21.97	55.26 2.70 -18.42	49.03 2.70 -12.96	45.35 2.75 -9.40	43.11 2.79 -6.67
RAVENSWOOD_GT_11 24259	34.85 1.86 -3.48	33.45 1.70 -3.81	32.16 1.67 -2.67	32.27 1.65 -3.52	32.92 1.71 -3.23	36.87 2.19 -4.66	46.24 3.31 0.00	57.89 3.61 -10.22	48.05 2.95 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.80 2.39 -17.55	49.83 2.36 -20.63	68.15 2.48 -38.77	90.14 3.76 -43.72	77.55 3.67 -31.16	65.02 3.37 -21.97	55.26 2.70 -18.42	49.03 2.70 -12.96	45.35 2.75 -9.40	43.11 2.79 -6.67
RAVENSWOOD_GT_4 24252	34.82 1.83 -3.48	33.45 1.70 -3.81	32.16 1.67 -2.67	32.24 1.63 -3.52	32.92 1.71 -3.23	36.87 2.19 -4.66	46.24 3.31 0.00	57.93 3.66 -10.22	48.05 2.95 -9.56	42.71 2.92 -7.34	43.64 2.79 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.80 2.39 -17.55	49.83 2.36 -20.63	68.12 2.45 -38.77	90.10 3.71 -43.72	77.55 3.67 -31.16	65.02 3.37 -21.97	55.26 2.70 -18.42	49.00 2.67 -12.96	45.35 2.75 -9.40	43.10 2.79 -6.66
RAVENSWOOD_GT_5 24254	34.82 1.83 -3.48	33.45 1.70 -3.81	32.16 1.67 -2.67	32.24 1.63 -3.52	32.92 1.71 -3.23	36.87 2.19 -4.66	46.24 3.31 0.00	57.93 3.66 -10.22	48.05 2.95 -9.56	42.71 2.92 -7.34	43.64 2.79 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.80 2.39 -17.55	49.83 2.36 -20.63	68.12 2.45 -38.77	90.10 3.71 -43.72	77.55 3.67 -31.16	65.02 3.37 -21.97	55.26 2.70 -18.42	49.00 2.67 -12.96	45.35 2.75 -9.40	43.10 2.79 -6.66
RAVENSWOOD_GT_6 24253	34.82 1.83 -3.48	33.45 1.70 -3.81	32.16 1.67 -2.67	32.24 1.63 -3.52	32.92 1.71 -3.23	36.87 2.19 -4.66	46.24 3.31 0.00	57.93 3.66 -10.22	48.05 2.95 -9.56	42.71 2.92 -7.34	43.64 2.79 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.80 2.39 -17.55	49.83 2.36 -20.63	68.12 2.45 -38.77	90.10 3.71 -43.72	77.55 3.67 -31.16	65.02 3.37 -21.97	55.26 2.70 -18.42	49.00 2.67 -12.96	45.35 2.75 -9.40	43.10 2.79 -6.66
RAVENSWOOD_GT_7 24255	34.82 1.83 -3.48	33.45 1.70 -3.81	32.16 1.67 -2.67	32.24 1.63 -3.52	32.92 1.71 -3.23	36.87 2.19 -4.66	46.24 3.31 0.00	57.93 3.66 -10.22	48.05 2.95 -9.56	42.71 2.92 -7.34	43.64 2.79 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.80 2.39 -17.55	49.83 2.36 -20.63	68.12 2.45 -38.77	90.10 3.71 -43.72	77.55 3.67 -31.16	65.02 3.37 -21.97	55.26 2.70 -18.42	49.00 2.67 -12.96	45.35 2.75 -9.40	43.10 2.79 -6.66
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.85 1.86 -3.48	33.45 1.70 -3.81	32.16 1.67 -2.67	32.27 1.65 -3.52	32.92 1.71 -3.23	36.87 2.19 -4.66	46.24 3.31 0.00	57.89 3.61 -10.22	48.05 2.95 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.80 2.39 -17.55	49.83 2.36 -20.63	68.15 2.48 -38.77	90.14 3.76 -43.72	77.55 3.67 -31.16	65.02 3.37 -21.97	55.26 2.70 -18.42	49.03 2.70 -12.96	45.35 2.75 -9.40	43.11 2.79 -6.67
RAVENSWOOD_GT_9 24257	34.85 1.86 -3.48	33.45 1.70 -3.81	32.16 1.67 -2.67	32.27 1.65 -3.52	32.92 1.71 -3.23	36.87 2.19 -4.66	46.24 3.31 0.00	57.89 3.61 -10.22	48.05 2.95 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.15	43.13 2.76 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.80 2.39 -17.55	49.83 2.36 -20.63	68.15 2.48 -38.77	90.14 3.76 -43.72	77.55 3.67 -31.16	65.02 3.37 -21.97	55.26 2.70 -18.42	49.03 2.70 -12.96	45.35 2.75 -9.40	43.11 2.79 -6.67
RAVENSWOOD___1 23533	34.97 1.98 -3.48	33.56 1.81 -3.81	32.27 1.75 -2.69	32.35 1.71 -3.54	33.04 1.79 -3.25	36.99 2.28 -4.70	46.20 3.26 0.00	57.88 3.53 -10.30	48.02 2.91 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.16	43.19 2.82 -10.73	43.12 2.75 -11.07	43.66 2.67 -12.24	46.88 2.47 -17.56	49.89 2.42 -20.64	68.26 2.58 -38.77	90.32 3.92 -43.72	77.72 3.85 -31.15	65.13 3.49 -21.97	55.33 2.76 -18.42	49.13 2.80 -12.96	45.48 2.89 -9.40	43.32 2.99 -6.67
RAVENSWOOD___2 23534	34.97 1.98 -3.48	33.56 1.81 -3.81	32.27 1.75 -2.69	32.35 1.71 -3.54	33.04 1.79 -3.25	36.97 2.25 -4.70	46.20 3.26 0.00	57.88 3.53 -10.30	47.98 2.88 -9.56	42.71 2.92 -7.34	43.67 2.82 -9.16	43.19 2.82 -10.73	43.12 2.75 -11.07	43.63 2.64 -12.24	46.86 2.44 -17.56	49.89 2.42 -20.64	68.26 2.58 -38.77	90.32 3.92 -43.72	77.72 3.85 -31.15	65.13 3.49 -21.97	55.33 2.76 -18.42	49.10 2.77 -12.96	45.48 2.89 -9.40	43.32 2.99 -6.67
RAVENSWOOD___3 23535	34.85 1.86 -3.48	33.45 1.70 -3.81	32.18 1.67 -2.69	32.29 1.65 -3.54	32.95 1.71 -3.25	36.90 2.19 -4.70	46.24 3.31 0.00	57.88 3.53 -10.30	47.98 2.88 -9.56	42.65 2.86 -7.34	43.64 2.79 -9.16	43.13 2.76 -10.73	43.06 2.69 -11.07	43.60 2.62 -12.24	46.83 2.42 -17.56	49.84 2.36 -20.64	68.15 2.47 -38.77	90.15 3.76 -43.72	77.54 3.67 -31.15	65.01 3.37 -21.97	55.26 2.70 -18.42	49.03 2.70 -12.96	45.38 2.79 -9.40	43.14 2.83 -6.67
RAVENSWOOD___4 23820	34.97 1.98 -3.48	33.53 1.79 -3.81	32.27 1.75 -2.69	32.35 1.71 -3.54	33.01 1.76 -3.25	36.97 2.25 -4.70	46.20 3.26 0.00	57.88 3.53 -10.30	47.98 2.88 -9.56	42.68 2.89 -7.34	43.67 2.82 -9.16	43.16 2.79 -10.73	43.10 2.73 -11.07	43.63 2.64 -12.24	46.86 2.44 -17.56	49.89 2.42 -20.64	68.24 2.56 -38.77	90.28 3.88 -43.72	77.67 3.80 -31.15	65.13 3.49 -21.97	55.30 2.73 -18.42	49.10 2.77 -12.96	45.48 2.89 -9.40	43.28 2.96 -6.67
RCPI_TRUST___DRP 24196	34.85 1.86 -3.48	33.45 1.70 -3.81	32.16 1.67 -2.67	32.27 1.65 -3.52	32.92 1.71 -3.23	36.90 2.22 -4.66	46.29 3.35 0.00	57.97 3.70 -10.22	48.12 3.02 -9.56	42.77 2.99 -7.34	43.70 2.85 -9.15	43.16 2.79 -10.72	43.09 2.72 -11.06	43.62 2.64 -12.23	46.82 2.42 -17.55	49.85 2.39 -20.63	68.19 2.50 -38.79	90.18 3.80 -43.71	77.59 3.72 -31.16	65.02 3.37 -21.97	55.26 2.70 -18.42	49.03 2.70 -12.96	45.35 2.75 -9.40	43.11 2.79 -6.67
RED___ROCHESTER 323720	29.74 -0.47 -0.70	28.20 -0.50 -0.77	27.80 -0.56 -0.54	27.26 -0.54 -0.71	28.14 -0.50 -0.65	30.50 -0.45 -0.94	42.12 -0.82 0.00	44.92 -1.19 -2.06	36.84 -0.60 -1.91	33.46 -0.45 -1.46	33.14 -0.38 -1.82	31.49 -0.30 -2.14	31.30 -0.20 -2.21	31.01 -0.17 -2.44	30.14 -0.22 -3.50	30.81 -0.13 -4.11	33.67 -0.24 -7.01	50.14 -0.47 -7.94	48.44 -0.56 -6.28	43.66 -0.44 -4.43	37.55 -0.31 -3.71	35.58 -0.40 -2.61	34.69 -0.40 -1.89	34.69 -0.30 -1.34

REGAN___SOLAR 323812	37.52 2.89 -5.12	36.15 2.62 -5.60	34.25 2.51 -3.92	34.75 2.49 -5.17	35.48 2.74 -4.74	40.02 3.15 -6.85	48.05 5.11 0.00	64.27 5.20 -15.02	53.67 4.19 -13.94	46.62 3.47 -10.70	48.18 3.14 -13.35	48.04 2.76 -15.63	48.22 2.79 -16.13	49.28 2.70 -17.83	55.03 2.58 -25.59	59.76 2.84 -30.08	81.49 3.04 -51.54	111.93 5.55 -63.71	93.16 5.04 -45.40	76.33 4.64 -32.02	65.55 4.27 -27.14	56.26 4.00 -18.89	50.24 3.35 -13.70	46.49 3.13 -9.71
RENSSELAER___COGEN 23796	34.82 0.97 -4.33	33.62 0.95 -4.74	32.14 1.00 -3.32	32.45 0.97 -4.38	32.99 0.98 -4.02	36.87 1.05 -5.81	44.44 1.50 0.00	58.19 1.41 -12.73	48.52 1.17 -11.81	42.59 1.07 -9.07	44.08 1.08 -11.31	43.90 1.01 -13.25	43.97 1.00 -13.67	44.86 1.01 -15.11	49.48 0.94 -21.68	53.29 0.96 -25.49	71.67 0.92 -43.85	98.12 1.45 -54.00	82.69 1.49 -38.48	68.20 1.39 -27.14	58.35 1.26 -22.94	50.57 1.20 -16.01	46.00 1.19 -11.61	43.09 1.21 -8.23
REPUBLIC_115KV_BARTNBRK 55605	37.71 3.75 -4.46	36.30 3.49 -4.87	34.55 3.31 -3.41	34.79 3.20 -4.50	35.45 3.33 -4.13	39.70 3.72 -5.97	48.65 5.71 0.00	62.94 5.81 -13.08	52.41 4.73 -12.14	45.73 3.96 -9.32	46.93 3.61 -11.63	46.56 3.29 -13.62	46.67 3.31 -14.06	47.56 3.28 -15.54	52.16 3.01 -22.30	56.07 3.03 -26.21	75.17 3.20 -45.06	104.17 5.97 -55.52	87.71 5.42 -39.57	72.58 5.00 -27.90	62.55 4.61 -23.80	54.07 4.24 -16.46	48.95 3.82 -11.94	46.32 4.21 -8.47
REVERE_CPPR_DRP 24186	30.68 0.86 -0.31	29.00 0.73 -0.34	28.79 0.72 -0.24	28.17 0.76 -0.32	29.06 0.78 -0.29	31.39 0.96 -0.42	44.74 1.80 0.00	46.95 1.98 -0.92	37.99 1.60 -0.85	34.47 1.36 -0.65	33.87 1.36 -0.82	31.79 1.19 -0.96	31.40 1.11 -0.99	30.93 1.09 -1.09	29.50 1.07 -1.57	29.83 1.15 -1.84	31.28 1.21 -3.17	48.66 2.05 -3.94	47.57 2.05 -2.81	43.63 1.98 -1.98	37.44 1.64 -1.66	36.04 1.50 -1.17	35.47 1.43 -0.85	35.60 1.35 -0.60
REYNOLDS_115KV_TB3 80639	35.09 1.24 -4.34	33.85 1.17 -4.74	32.37 1.22 -3.32	32.66 1.19 -4.38	33.21 1.20 -4.02	37.17 1.35 -5.80	44.78 1.85 0.00	58.58 1.81 -12.72	48.88 1.53 -11.81	42.88 1.36 -9.07	44.43 1.43 -11.31	44.23 1.33 -13.25	44.29 1.32 -13.67	45.18 1.32 -15.11	49.78 1.24 -21.69	53.59 1.26 -25.50	71.97 1.18 -43.88	98.53 1.83 -54.02	83.10 1.88 -38.50	68.61 1.79 -27.15	58.73 1.60 -22.99	50.92 1.53 -16.02	46.37 1.56 -11.62	43.47 1.58 -8.24
RIVERBAY____ 323610	35.36 2.36 -3.48	33.89 2.15 -3.81	32.58 2.09 -2.67	32.62 2.01 -3.52	33.29 2.07 -3.23	37.20 2.52 -4.66	46.46 3.52 0.00	58.02 3.74 -10.22	48.19 3.09 -9.56	42.87 3.08 -7.34	43.79 2.95 -9.15	43.22 2.85 -10.72	43.18 2.81 -11.06	43.68 2.70 -12.23	46.93 2.52 -17.55	49.94 2.47 -20.63	68.28 2.61 -38.77	90.61 4.22 -43.72	77.89 4.02 -31.16	65.26 3.61 -21.97	55.40 2.83 -18.42	49.20 2.87 -12.96	45.68 3.09 -9.40	43.59 3.26 -6.67
RIVERSDE_115KV_TB3 55908	34.98 1.12 -4.35	33.78 1.09 -4.75	32.29 1.14 -3.33	32.59 1.11 -4.39	33.14 1.12 -4.03	37.06 1.23 -5.82	44.61 1.67 0.00	58.48 1.67 -12.75	48.77 1.39 -11.84	42.81 1.27 -9.09	44.33 1.30 -11.34	44.15 1.22 -13.28	44.21 1.20 -13.71	45.11 1.21 -15.15	49.73 1.13 -21.75	53.55 1.15 -25.56	71.99 1.10 -43.98	98.58 1.75 -54.15	83.07 1.75 -38.60	68.52 1.63 -27.22	58.65 1.47 -23.05	50.86 1.43 -16.06	46.27 1.43 -11.65	43.35 1.45 -8.26
ROARING___BROOK_WT_PWR 323790	28.98 -0.53 0.00	27.46 -0.48 0.00	27.38 -0.45 0.00	26.66 -0.43 0.00	27.51 -0.48 0.00	29.41 -0.60 0.00	42.12 -0.82 0.00	43.30 -0.75 0.00	34.90 -0.64 0.00	31.80 -0.65 0.00	30.97 -0.73 0.00	28.85 -0.80 0.00	28.42 -0.88 0.00	27.80 -0.95 0.00	25.97 -0.89 0.00	25.95 -0.88 0.00	26.10 -0.81 0.00	41.48 -1.19 0.00	41.57 -1.15 0.00	38.68 -0.99 0.00	33.32 -0.82 0.00	32.63 -0.73 0.00	32.53 -0.66 0.00	33.04 -0.60 0.00
ROCHESRG_115KV_T4 355643	29.47 -0.74 -0.70	27.97 -0.73 -0.77	27.55 -0.81 -0.54	27.04 -0.76 -0.71	27.91 -0.73 -0.65	30.23 -0.72 -0.94	41.74 -1.20 0.00	44.52 -1.59 -2.05	36.41 -1.03 -1.90	33.16 -0.75 -1.46	32.79 -0.73 -1.82	31.16 -0.62 -2.13	31.00 -0.50 -2.20	30.72 -0.46 -2.43	29.84 -0.51 -3.49	30.51 -0.43 -4.10	33.35 -0.54 -6.98	49.38 -1.11 -7.81	47.83 -1.07 -6.19	43.08 -0.95 -4.36	37.08 -0.72 -3.66	35.17 -0.77 -2.57	34.33 -0.73 -1.87	34.37 -0.61 -1.32
ROCHESTER_9_IC 23652	29.62 -0.59 -0.70	28.11 -0.59 -0.77	27.69 -0.67 -0.54	27.18 -0.62 -0.71	28.05 -0.59 -0.65	30.38 -0.57 -0.94	41.99 -0.94 0.00	44.83 -1.28 -2.06	36.67 -0.78 -1.91	33.36 -0.55 -1.46	33.01 -0.51 -1.83	31.37 -0.42 -2.14	31.19 -0.32 -2.21	30.90 -0.29 -2.44	30.04 -0.32 -3.50	30.71 -0.24 -4.12	33.56 -0.35 -7.01	49.84 -0.77 -7.94	48.15 -0.77 -6.21	43.37 -0.67 -4.38	37.30 -0.51 -3.67	35.38 -0.57 -2.58	34.53 -0.53 -1.87	34.54 -0.44 -1.33
ROCKVIEW_13_KV_LD 356306	34.97 1.98 -3.48	33.56 1.82 -3.81	32.27 1.78 -2.67	32.37 1.76 -3.52	33.04 1.82 -3.23	36.99 2.31 -4.66	46.42 3.48 0.00	58.02 3.74 -10.22	48.16 3.06 -9.56	42.74 2.95 -7.34	43.70 2.85 -9.15	43.16 2.79 -10.72	43.09 2.72 -11.06	43.62 2.64 -12.23	46.85 2.44 -17.55	49.88 2.42 -20.63	68.21 2.53 -38.77	90.27 3.88 -43.71	77.72 3.84 -31.16	65.18 3.53 -21.97	55.43 2.87 -18.42	49.17 2.84 -12.96	45.45 2.85 -9.40	43.18 2.86 -6.67
ROME____115KV_TB2 80656	30.68 0.86 -0.31	29.00 0.73 -0.34	28.79 0.72 -0.24	28.17 0.76 -0.32	29.06 0.78 -0.29	31.39 0.96 -0.42	44.74 1.80 0.00	46.95 1.98 -0.92	37.99 1.60 -0.85	34.47 1.36 -0.65	33.87 1.36 -0.82	31.79 1.19 -0.96	31.40 1.11 -0.99	30.93 1.09 -1.09	29.50 1.07 -1.57	29.83 1.15 -1.84	31.28 1.21 -3.17	48.66 2.05 -3.94	47.57 2.05 -2.81	43.63 1.98 -1.98	37.44 1.64 -1.66	36.04 1.50 -1.17	35.47 1.43 -0.85	35.60 1.35 -0.60
ROSETON___1 23587	34.55 1.59 -3.45	33.16 1.45 -3.77	31.88 1.42 -2.64	31.99 1.41 -3.48	32.64 1.45 -3.19	36.49 1.86 -4.62	45.69 2.75 0.00	56.99 2.82 -10.12	47.21 2.28 -9.39	41.87 2.21 -7.21	42.85 2.16 -9.00	42.32 2.14 -10.54	42.28 2.11 -10.87	42.81 2.04 -12.02	45.98 1.88 -17.25	48.96 1.85 -20.27	63.53 1.91 -34.72	88.56 2.94 -42.94	76.22 2.91 -30.60	63.91 2.66 -21.58	54.42 2.19 -18.10	48.26 2.17 -12.73	44.61 2.19 -9.23	42.42 2.22 -6.55
ROSETON___2 23588	34.55 1.59 -3.45	33.16 1.45 -3.77	31.88 1.42 -2.64	31.99 1.41 -3.48	32.64 1.45 -3.19	36.49 1.86 -4.62	45.69 2.75 0.00	56.99 2.82 -10.12	47.21 2.28 -9.39	41.87 2.21 -7.21	42.85 2.16 -9.00	42.32 2.14 -10.54	42.28 2.11 -10.87	42.81 2.04 -12.02	45.98 1.88 -17.25	48.96 1.85 -20.27	63.53 1.91 -34.72	88.56 2.94 -42.94	76.22 2.91 -30.60	63.91 2.66 -21.58	54.42 2.19 -18.10	48.26 2.17 -12.73	44.61 2.19 -9.23	42.42 2.22 -6.55
ROTTDRAM_115KV_TB3 80664	35.40 1.39 -4.51	34.15 1.28 -4.93	32.53 1.25 -3.45	32.86 1.22 -4.55	33.45 1.29 -4.17	37.55 1.50 -6.03	45.09 2.15 0.00	59.43 2.16 -13.22	49.60 1.78 -12.28	43.46 1.59 -9.42	45.00 1.55 -11.76	44.87 1.45 -13.77	44.95 1.44 -14.21	45.86 1.41 -15.71	50.71 1.32 -22.54	54.67 1.34 -26.49	73.79 1.35 -45.54	101.03 2.22 -56.13	84.90 2.18 -40.01	69.91 2.02 -28.21	60.01 1.78 -24.09	51.71 1.70 -16.64	46.92 1.66 -12.07	43.92 1.72 -8.56

RUSSELL___1 23602	29.74 -0.47 -0.70	28.20 -0.50 -0.77	27.78 -0.58 -0.54	27.26 -0.54 -0.71	28.14 -0.50 -0.65	30.50 -0.45 -0.94	42.17 -0.77 0.00	45.01 -1.10 -2.06	36.85 -0.60 -1.91	33.52 -0.39 -1.46	33.14 -0.38 -1.83	31.52 -0.27 -2.14	31.33 -0.18 -2.21	31.05 -0.14 -2.44	30.14 -0.21 -3.50	30.82 -0.13 -4.12	33.70 -0.22 -7.01	50.14 -0.47 -7.94	48.37 -0.56 -6.21	43.61 -0.44 -4.38	37.50 -0.31 -3.67	35.55 -0.40 -2.58	34.67 -0.40 -1.87	34.67 -0.30 -1.33
RUSSELL___2 23532	29.74 -0.47 -0.70	28.20 -0.50 -0.77	27.78 -0.58 -0.54	27.26 -0.54 -0.71	28.14 -0.50 -0.65	30.50 -0.45 -0.94	42.17 -0.77 0.00	45.01 -1.10 -2.06	36.85 -0.60 -1.91	33.52 -0.39 -1.46	33.14 -0.38 -1.83	31.52 -0.27 -2.14	31.33 -0.18 -2.21	31.05 -0.14 -2.44	30.14 -0.21 -3.50	30.82 -0.13 -4.12	33.70 -0.22 -7.01	50.14 -0.47 -7.94	48.37 -0.56 -6.21	43.61 -0.44 -4.38	37.50 -0.31 -3.67	35.55 -0.40 -2.58	34.67 -0.40 -1.87	34.67 -0.30 -1.33
RUSSELL___3 23549	29.74 -0.47 -0.70	28.20 -0.50 -0.77	27.78 -0.58 -0.54	27.26 -0.54 -0.71	28.14 -0.50 -0.65	30.50 -0.45 -0.94	42.17 -0.77 0.00	45.01 -1.10 -2.06	36.85 -0.60 -1.91	33.52 -0.39 -1.46	33.14 -0.38 -1.83	31.52 -0.27 -2.14	31.33 -0.18 -2.21	31.05 -0.14 -2.44	30.14 -0.21 -3.50	30.82 -0.13 -4.12	33.70 -0.22 -7.01	50.14 -0.47 -7.94	48.37 -0.56 -6.21	43.61 -0.44 -4.38	37.50 -0.31 -3.67	35.55 -0.40 -2.58	34.67 -0.40 -1.87	34.67 -0.30 -1.33
RUSSELL___4 23556	29.74 -0.47 -0.70	28.20 -0.50 -0.77	27.78 -0.58 -0.54	27.26 -0.54 -0.71	28.14 -0.50 -0.65	30.50 -0.45 -0.94	42.17 -0.77 0.00	45.01 -1.10 -2.06	36.85 -0.60 -1.91	33.52 -0.39 -1.46	33.14 -0.38 -1.83	31.52 -0.27 -2.14	31.33 -0.18 -2.21	31.05 -0.14 -2.44	30.14 -0.21 -3.50	30.82 -0.13 -4.12	33.70 -0.22 -7.01	50.14 -0.47 -7.94	48.37 -0.56 -6.21	43.61 -0.44 -4.38	37.50 -0.31 -3.67	35.55 -0.40 -2.58	34.67 -0.40 -1.87	34.67 -0.30 -1.33
RUSSELL___STATION 23914	29.74 -0.47 -0.70	28.20 -0.50 -0.77	27.78 -0.58 -0.54	27.26 -0.54 -0.71	28.14 -0.50 -0.65	30.50 -0.45 -0.94	42.17 -0.77 0.00	45.01 -1.10 -2.06	36.85 -0.60 -1.91	33.52 -0.39 -1.46	33.14 -0.38 -1.83	31.52 -0.27 -2.14	31.33 -0.18 -2.21	31.05 -0.14 -2.44	30.14 -0.21 -3.50	30.82 -0.13 -4.12	33.70 -0.22 -7.01	50.14 -0.47 -7.94	48.37 -0.56 -6.21	43.61 -0.44 -4.38	37.50 -0.31 -3.67	35.55 -0.40 -2.58	34.67 -0.40 -1.87	34.67 -0.30 -1.33
S SALMON___HYD 24043	29.59 -0.41 -0.49	28.02 -0.45 -0.54	27.75 -0.45 -0.38	27.16 -0.43 -0.49	27.99 -0.45 -0.45	30.16 -0.51 -0.66	42.30 -0.64 0.00	44.96 -0.53 -1.44	36.47 -0.42 -1.36	33.10 -0.39 -1.04	32.64 -0.35 -1.30	30.82 -0.35 -1.52	30.52 -0.35 -1.57	30.20 -0.29 -1.74	29.10 -0.24 -2.49	29.52 -0.24 -2.93	31.68 -0.22 -4.99	48.66 -0.21 -6.20	46.96 -0.17 -4.41	42.70 -0.08 -3.11	36.61 -0.14 -2.61	35.00 -0.20 -1.84	34.26 -0.27 -1.33	34.22 -0.37 -0.94
S.PERRY___115KV_TB1 80734	30.49 0.12 -0.86	28.96 0.08 -0.94	28.48 0.00 -0.66	27.97 0.00 -0.87	28.82 0.03 -0.80	31.41 0.24 -1.16	43.54 0.60 0.00	46.81 0.22 -2.53	38.17 0.28 -2.35	34.51 0.26 -1.80	34.10 0.16 -2.25	32.46 0.18 -2.63	32.25 0.23 -2.72	32.07 0.32 -3.01	31.38 0.21 -4.31	32.31 0.40 -5.07	35.82 0.38 -8.54	68.78 0.85 -25.25	51.17 0.81 -7.65	45.90 0.83 -5.39	39.48 0.82 -4.52	37.25 0.70 -3.18	36.13 0.63 -2.31	35.96 0.67 -1.64
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.81 -1.50 -0.81	27.34 -1.48 -0.88	26.88 -1.56 -0.62	26.48 -1.44 -0.82	27.25 -1.48 -0.75	29.71 -1.38 -1.08	40.92 -2.02 0.00	43.25 -3.17 -2.37	35.53 -2.20 -2.20	32.45 -1.69 -1.69	32.05 -1.74 -2.10	30.57 -1.54 -2.46	30.47 -1.38 -2.54	30.26 -1.29 -2.81	29.55 -1.34 -4.03	30.42 -1.15 -4.74	33.46 -1.48 -8.04	45.65 -2.60 -5.58	47.14 -2.69 -7.12	42.31 -2.38 -5.02	36.54 -1.81 -4.21	34.56 -1.77 -2.96	33.78 -1.56 -2.15	33.89 -1.28 -1.52
SAWYER___23_KV_LOAD 55526	28.81 -1.50 -0.81	27.34 -1.48 -0.88	26.88 -1.56 -0.62	26.48 -1.44 -0.82	27.25 -1.48 -0.75	29.71 -1.38 -1.08	40.92 -2.02 0.00	43.25 -3.17 -2.37	35.53 -2.20 -2.20	32.45 -1.69 -1.69	32.05 -1.74 -2.10	30.57 -1.54 -2.46	30.47 -1.38 -2.54	30.26 -1.29 -2.81	29.55 -1.34 -4.03	30.42 -1.15 -4.74	33.46 -1.48 -8.04	45.65 -2.60 -5.58	47.14 -2.69 -7.12	42.31 -2.38 -5.02	36.54 -1.81 -4.21	34.56 -1.77 -2.96	33.78 -1.56 -2.15	33.89 -1.28 -1.52
SELKIRK___I 23801	34.90 1.06 -4.33	33.68 1.00 -4.74	32.17 1.03 -3.32	32.48 1.00 -4.38	33.04 1.04 -4.02	36.99 1.17 -5.80	44.61 1.67 0.00	58.41 1.63 -12.72	48.70 1.35 -11.81	42.75 1.23 -9.06	44.24 1.23 -11.31	44.05 1.16 -13.24	44.11 1.14 -13.67	45.01 1.15 -15.11	49.61 1.08 -21.68	53.39 1.07 -25.48	71.36 1.18 -43.27	97.92 1.96 -53.28	82.61 1.92 -37.97	68.23 1.79 -26.78	58.35 1.64 -22.57	50.73 1.57 -15.79	46.18 1.53 -11.46	43.32 1.55 -8.12
SELKIRK___II 23799	34.87 1.03 -4.32	33.64 0.98 -4.73	32.17 1.03 -3.31	32.47 1.00 -4.37	33.00 1.01 -4.01	36.95 1.14 -5.79	44.57 1.63 0.00	58.29 1.54 -12.70	48.64 1.32 -11.79	42.70 1.20 -9.05	44.18 1.20 -11.29	43.97 1.10 -13.22	44.06 1.11 -13.64	44.92 1.09 -15.08	49.52 1.02 -21.64	53.32 1.05 -25.44	71.67 1.02 -43.74	98.16 1.62 -53.86	82.72 1.62 -38.39	68.25 1.51 -27.07	58.31 1.33 -22.84	50.64 1.30 -15.97	46.07 1.29 -11.58	43.17 1.31 -8.21
SENECA OSWGO___HYD 24041	29.62 -0.44 -0.55	28.06 -0.48 -0.60	27.80 -0.45 -0.42	27.19 -0.46 -0.55	28.02 -0.48 -0.51	30.15 -0.60 -0.73	42.03 -0.90 0.00	44.82 -0.84 -1.61	36.50 -0.57 -1.52	33.13 -0.49 -1.17	32.74 -0.41 -1.46	31.00 -0.35 -1.71	30.74 -0.32 -1.76	30.41 -0.29 -1.95	29.38 -0.27 -2.80	29.88 -0.24 -3.29	32.24 -0.27 -5.61	49.21 -0.43 -6.97	47.29 -0.39 -4.96	42.81 -0.36 -3.49	36.73 -0.34 -2.93	35.06 -0.37 -2.06	34.25 -0.43 -1.50	34.24 -0.47 -1.06
SENECA___115KV_TB3 355854	29.04 -1.30 -0.83	27.52 -1.31 -0.90	27.06 -1.39 -0.63	26.66 -1.27 -0.83	27.44 -1.32 -0.77	29.95 -1.17 -1.11	41.48 -1.46 0.00	43.79 -2.69 -2.42	35.90 -1.88 -2.25	32.75 -1.43 -1.72	32.35 -1.49 -2.15	30.86 -1.30 -2.52	30.76 -1.14 -2.60	30.56 -1.06 -2.87	29.82 -1.15 -4.12	30.72 -0.97 -4.85	33.85 -1.26 -8.21	45.97 -2.18 -5.48	47.68 -2.31 -7.27	42.74 -2.06 -5.13	36.94 -1.50 -4.30	34.93 -1.47 -3.03	34.12 -1.26 -2.19	34.20 -1.01 -1.56
SENECA___ENERGY 23797	30.34 0.09 -0.74	28.80 0.06 -0.81	28.45 0.06 -0.57	27.87 0.03 -0.75	28.71 0.03 -0.69	31.19 0.18 -1.00	43.20 0.26 0.00	46.68 0.44 -2.18	38.08 0.50 -2.04	34.50 0.49 -1.57	34.09 0.44 -1.96	32.41 0.47 -2.29	32.13 0.47 -2.36	31.88 0.52 -2.61	31.03 0.43 -3.75	31.75 0.51 -4.41	34.95 0.54 -7.51	55.13 0.77 -11.69	49.21 0.13 -6.37	44.24 0.08 -4.49	38.05 0.14 -3.77	36.08 0.07 -2.65	35.08 -0.03 -1.92	34.98 -0.03 -1.36
SHOEMAKER___GT 23640	34.00 1.30 -3.19	32.62 1.20 -3.49	31.42 1.17 -2.43	31.44 1.14 -3.20	32.13 1.20 -2.94	35.79 1.53 -4.25	45.26 2.32 0.00	55.65 2.29 -9.31	46.00 1.81 -8.64	40.87 1.78 -6.63	41.68 1.71 -8.28	41.03 1.69 -9.69	41.00 1.70 -10.00	41.44 1.64 -11.06	44.23 1.50 -15.87	47.04 1.56 -18.65	58.42 1.56 -29.95	84.61 2.43 -39.51	73.30 2.43 -28.15	61.74 2.22 -19.85	52.63 1.84 -16.65	46.88 1.80 -11.71	43.51 1.82 -8.49	41.49 1.82 -6.02

SHOEMAKR_138KV_BK 111 55601	33.98 1.30 -3.17	32.60 1.20 -3.47	31.39 1.14 -2.43	31.43 1.14 -3.20	32.13 1.20 -2.94	35.79 1.53 -4.24	45.21 2.28 0.00	55.73 2.38 -9.30	46.01 1.88 -8.58	40.86 1.82 -6.59	41.65 1.74 -8.22	40.96 1.69 -9.63	40.93 1.70 -9.93	41.40 1.67 -10.98	44.12 1.50 -15.76	46.89 1.53 -18.52	58.30 1.56 -29.84	84.36 2.43 -39.25	73.09 2.39 -27.98	61.58 2.18 -19.73	52.50 1.81 -16.55	46.81 1.80 -11.64	43.46 1.83 -8.44	41.45 1.82 -5.99
SHOREHAM_IC_1 23715	37.23 3.66 -4.06	35.60 3.29 -4.37	34.38 3.25 -3.30	34.39 3.14 -4.15	35.05 3.30 -3.76	39.20 4.05 -5.14	52.98 6.09 -3.95	64.60 6.12 -14.43	53.75 4.80 -13.41	44.74 4.54 -7.75	45.61 4.44 -9.48	47.36 4.27 -13.44	46.67 4.19 -13.18	49.38 4.11 -16.52	53.63 3.84 -22.94	62.86 3.92 -32.11	85.37 4.06 -54.41	120.09 6.40 -71.01	99.75 6.41 -50.63	88.71 5.95 -43.09	74.38 4.88 -35.36	65.76 4.71 -27.69	52.51 4.91 -14.41	48.51 4.88 -9.98
SHOREHAM_IC_2 23716	37.23 3.66 -4.06	35.60 3.29 -4.37	34.38 3.25 -3.30	34.39 3.14 -4.15	35.05 3.30 -3.76	39.20 4.05 -5.14	52.98 6.09 -3.95	64.60 6.12 -14.43	53.75 4.80 -13.41	44.74 4.54 -7.75	45.61 4.44 -9.48	47.36 4.27 -13.44	46.67 4.19 -13.18	49.38 4.11 -16.52	53.63 3.84 -22.94	62.86 3.92 -32.11	85.37 4.06 -54.41	120.09 6.40 -71.01	99.75 6.41 -50.63	88.71 5.95 -43.09	74.38 4.88 -35.36	65.76 4.71 -27.69	52.51 4.91 -14.41	48.51 4.88 -9.98
SISSONVILLE____ 23735	29.08 -0.53 -0.10	27.70 -0.34 -0.11	27.67 -0.22 -0.07	26.95 -0.24 -0.10	27.69 -0.39 -0.09	29.51 -0.63 -0.13	42.17 -0.77 0.00	43.59 -0.75 -0.28	34.96 -0.85 -0.27	31.68 -0.97 -0.21	30.97 -0.98 -0.26	33.25 -1.01 -4.61	34.14 -1.00 -5.83	33.52 -1.01 -5.78	31.62 -0.89 -5.65	31.49 -1.07 -5.73	32.08 -1.00 -6.17	49.88 -1.49 -8.70	49.52 -1.54 -8.34	46.02 -1.31 -7.66	39.85 -1.06 -6.77	37.59 -1.07 -5.29	37.40 -0.93 -5.14	32.96 -0.87 -0.19
SITHE_IND_GS1 24169	29.22 -0.77 -0.48	27.68 -0.78 -0.53	27.41 -0.78 -0.37	26.82 -0.76 -0.49	27.65 -0.78 -0.45	29.64 -1.02 -0.64	41.39 -1.54 0.00	43.84 -1.63 -1.41	35.60 -1.24 -1.31	32.35 -1.10 -1.00	31.93 -1.02 -1.25	30.16 -0.95 -1.46	29.90 -0.91 -1.51	29.56 -0.86 -1.67	28.45 -0.80 -2.40	28.85 -0.80 -2.82	30.87 -0.83 -4.80	47.32 -1.32 -5.97	45.65 -1.32 -4.26	41.44 -1.23 -3.00	35.60 -1.06 -2.52	34.07 -1.07 -1.77	33.38 -1.09 -1.28	33.45 -1.11 -0.91
SITHE_IND_GS2 24170	29.22 -0.77 -0.48	27.68 -0.78 -0.53	27.41 -0.78 -0.37	26.82 -0.76 -0.49	27.65 -0.78 -0.45	29.64 -1.02 -0.64	41.39 -1.54 0.00	43.84 -1.63 -1.41	35.60 -1.24 -1.31	32.35 -1.10 -1.00	31.93 -1.02 -1.25	30.16 -0.95 -1.46	29.90 -0.91 -1.51	29.56 -0.86 -1.67	28.45 -0.80 -2.40	28.85 -0.80 -2.82	30.87 -0.83 -4.80	47.32 -1.32 -5.97	45.65 -1.32 -4.26	41.44 -1.23 -3.00	35.60 -1.06 -2.52	34.07 -1.07 -1.77	33.38 -1.09 -1.28	33.45 -1.11 -0.91
SITHE_IND_GS3 24171	29.22 -0.77 -0.48	27.68 -0.78 -0.53	27.41 -0.78 -0.37	26.82 -0.76 -0.49	27.65 -0.78 -0.45	29.64 -1.02 -0.64	41.39 -1.54 0.00	43.84 -1.63 -1.41	35.60 -1.24 -1.31	32.35 -1.10 -1.00	31.93 -1.02 -1.25	30.16 -0.95 -1.46	29.90 -0.91 -1.51	29.56 -0.86 -1.67	28.45 -0.80 -2.40	28.85 -0.80 -2.82	30.87 -0.83 -4.80	47.32 -1.32 -5.97	45.65 -1.32 -4.26	41.44 -1.23 -3.00	35.60 -1.06 -2.52	34.07 -1.07 -1.77	33.38 -1.09 -1.28	33.45 -1.11 -0.91
SITHE_IND_GS4 24172	29.22 -0.77 -0.48	27.68 -0.78 -0.53	27.41 -0.78 -0.37	26.82 -0.76 -0.49	27.65 -0.78 -0.45	29.64 -1.02 -0.64	41.39 -1.54 0.00	43.84 -1.63 -1.41	35.60 -1.24 -1.31	32.35 -1.10 -1.00	31.93 -1.02 -1.25	30.16 -0.95 -1.46	29.90 -0.91 -1.51	29.56 -0.86 -1.67	28.45 -0.80 -2.40	28.85 -0.80 -2.82	30.87 -0.83 -4.80	47.32 -1.32 -5.97	45.65 -1.32 -4.26	41.44 -1.23 -3.00	35.60 -1.06 -2.52	34.07 -1.07 -1.77	33.38 -1.09 -1.28	33.45 -1.11 -0.91
SITHE____BATAVIA 24024	29.53 -0.74 -0.76	28.03 -0.73 -0.83	27.62 -0.78 -0.58	27.10 -0.76 -0.76	27.96 -0.73 -0.70	30.42 -0.60 -1.01	42.08 -0.86 0.00	44.46 -1.81 -2.21	36.59 -0.99 -2.05	33.28 -0.75 -1.57	32.93 -0.73 -1.96	31.32 -0.62 -2.30	31.14 -0.53 -2.37	30.88 -0.49 -2.62	30.08 -0.54 -3.76	30.85 -0.40 -4.42	33.87 -0.57 -7.53	48.70 -0.81 -6.84	48.33 -1.11 -6.72	43.50 -0.91 -4.74	37.54 -0.58 -3.98	35.50 -0.67 -2.80	34.66 -0.56 -2.03	34.72 -0.37 -1.44
SITHE____INDEPEND 23800	29.22 -0.77 -0.48	27.68 -0.78 -0.53	27.41 -0.78 -0.37	26.82 -0.76 -0.49	27.65 -0.78 -0.45	29.64 -1.02 -0.65	41.39 -1.55 0.00	43.88 -1.59 -1.42	35.61 -1.24 -1.31	32.39 -1.07 -1.01	31.90 -1.05 -1.26	30.17 -0.95 -1.47	29.91 -0.91 -1.52	29.56 -0.86 -1.68	28.46 -0.81 -2.41	28.86 -0.81 -2.83	30.87 -0.83 -4.80	47.32 -1.32 -5.97	45.65 -1.32 -4.25	41.44 -1.23 -3.00	35.60 -1.06 -2.51	34.07 -1.07 -1.77	33.38 -1.10 -1.28	33.45 -1.11 -0.91
SITHE____MASSENA 23902	29.24 -0.27 0.00	27.85 -0.08 0.00	27.80 -0.03 0.00	27.07 -0.03 0.00	27.88 -0.11 0.00	29.77 -0.24 0.00	42.51 -0.43 0.00	43.96 -0.09 0.00	35.22 -0.32 0.00	32.03 -0.42 0.00	31.22 -0.47 0.00	29.89 -0.50 -0.74	29.75 -0.50 -0.95	29.22 -0.46 -0.94	27.34 -0.40 -0.89	27.24 -0.48 -0.89	27.36 -0.43 -0.89	43.27 -0.68 -1.28	43.27 -0.73 -1.28	40.25 -0.64 -1.21	34.71 -0.51 -1.08	33.75 -0.47 -0.85	33.57 -0.46 -0.84	33.21 -0.44 0.00
SITHE____OGDNSBRG 24021	29.56 -0.03 -0.08	28.13 0.11 -0.08	28.08 0.19 -0.06	27.36 0.19 -0.08	28.14 0.08 -0.07	30.12 0.00 -0.10	43.58 0.64 0.00	44.98 0.70 -0.23	36.01 0.28 -0.19	32.62 0.03 -0.14	31.81 -0.06 -0.18	32.00 -0.15 -2.50	32.27 -0.18 -3.15	31.70 -0.17 -3.13	29.83 -0.11 -3.08	29.79 -0.19 -3.14	30.32 -0.03 -3.44	47.63 0.13 -4.83	47.38 0.09 -4.57	43.96 0.12 -4.17	37.72 -0.10 -3.68	36.11 -0.13 -2.87	35.86 -0.10 -2.77	33.68 -0.10 -0.13
SITHE____STERLING 23777	30.58 0.71 -0.36	28.94 0.61 -0.39	28.71 0.61 -0.28	28.08 0.62 -0.36	28.99 0.67 -0.33	31.27 0.78 -0.48	44.40 1.46 0.00	46.69 1.58 -1.06	37.85 1.32 -0.99	34.35 1.14 -0.76	33.78 1.14 -0.95	31.77 1.01 -1.11	31.41 0.97 -1.15	30.99 0.98 -1.27	29.59 0.91 -1.82	29.94 0.96 -2.14	31.58 1.02 -3.65	48.87 1.66 -4.53	47.60 1.66 -3.22	43.53 1.59 -2.27	37.34 1.30 -1.90	35.88 1.17 -1.34	35.29 1.13 -0.97	35.45 1.11 -0.69
SLEIGHT__34_KV_TB1 80719	29.61 -0.59 -0.69	28.10 -0.59 -0.75	27.74 -0.61 -0.53	27.19 -0.60 -0.69	28.04 -0.59 -0.64	30.36 -0.57 -0.92	42.12 -0.82 0.00	45.23 -0.84 -2.02	36.88 -0.53 -1.87	33.53 -0.36 -1.43	33.16 -0.32 -1.79	31.51 -0.24 -2.10	31.29 -0.18 -2.16	30.99 -0.14 -2.39	30.10 -0.19 -3.43	30.73 -0.13 -4.03	33.62 -0.16 -6.88	50.88 -0.34 -8.55	48.51 -0.30 -6.09	43.69 -0.28 -4.30	37.51 -0.24 -3.60	35.57 -0.33 -2.54	34.67 -0.37 -1.84	34.58 -0.37 -1.30
SOUTH CAIRO____GT 23612	35.49 1.89 -4.09	34.20 1.79 -4.47	32.85 1.89 -3.13	33.02 1.79 -4.13	33.66 1.88 -3.79	37.59 2.10 -5.48	46.50 3.56 0.00	58.79 2.73 -12.01	49.03 2.35 -11.15	42.82 1.82 -8.56	44.05 1.68 -10.67	43.54 1.39 -12.50	43.67 1.46 -12.90	44.50 1.49 -14.26	48.82 1.50 -20.47	52.66 1.77 -24.06	69.93 1.48 -41.55	96.74 2.77 -51.30	81.96 2.69 -36.56	67.95 2.50 -25.78	58.23 2.35 -21.73	50.68 2.10 -15.21	46.15 1.92 -11.03	43.42 1.95 -7.82

SOUTH HAMPTN___IC 23720	37.58 4.01 -4.05	35.93 3.63 -4.36	34.71 3.59 -3.29	34.71 3.47 -4.14	35.38 3.64 -3.76	39.56 4.41 -5.13	53.54 6.66 -3.95	65.35 6.87 -14.43	54.39 5.44 -13.41	45.29 5.09 -7.74	46.05 4.88 -9.48	47.74 4.65 -13.44	47.08 4.60 -13.18	49.78 4.51 -16.52	53.98 4.19 -22.94	63.24 4.29 -32.11	85.80 4.49 -54.41	120.77 7.09 -71.01	100.44 7.09 -50.63	89.31 6.54 -43.09	74.89 5.39 -35.36	66.20 5.17 -27.66	52.94 5.34 -14.41	48.95 5.31 -9.98
SOUTHDOW_115KV_TB1 355954	29.28 -1.09 -0.86	27.73 -1.15 -0.94	27.28 -1.20 -0.66	26.85 -1.11 -0.87	27.67 -1.12 -0.80	30.29 -0.87 -1.15	42.38 -0.56 0.00	44.85 -1.72 -2.52	36.63 -1.24 -2.34	33.27 -0.97 -1.79	32.88 -1.05 -2.24	31.29 -0.98 -2.62	31.15 -0.85 -2.70	30.90 -0.83 -2.99	30.18 -0.97 -4.29	31.13 -0.75 -5.04	34.40 -0.94 -8.43	47.70 -1.32 -6.35	48.81 -1.45 -7.55	43.73 -1.27 -5.32	37.79 -0.82 -4.47	35.74 -0.77 -3.14	34.97 -0.50 -2.28	34.93 -0.34 -1.61
SOUTHOLD_69_KV_BK 2 55809	38.05 4.49 -4.05	36.38 4.08 -4.36	35.13 4.03 -3.27	35.11 3.90 -4.12	35.81 4.09 -3.73	40.03 4.92 -5.10	54.36 7.47 -3.95	66.24 7.84 -14.35	55.13 6.18 -13.41	45.90 5.71 -7.74	46.62 5.45 -9.47	48.27 5.19 -13.43	47.61 5.13 -13.18	50.26 5.00 -16.51	54.46 4.67 -22.93	63.76 4.83 -32.09	86.42 5.11 -54.40	121.79 8.11 -71.01	101.47 8.12 -50.63	90.22 7.46 -43.09	75.62 6.11 -35.36	66.83 5.81 -27.66	53.51 5.91 -14.41	49.59 5.96 -9.98
SOUTHOLD___IC 23719	38.05 4.48 -4.05	36.38 4.08 -4.36	35.15 4.03 -3.29	35.14 3.90 -4.14	35.83 4.09 -3.76	40.07 4.92 -5.13	54.35 7.47 -3.95	66.19 7.71 -14.43	55.03 6.08 -13.41	45.87 5.68 -7.74	46.59 5.42 -9.48	48.28 5.19 -13.44	47.61 5.13 -13.18	50.27 5.00 -16.52	54.47 4.67 -22.94	63.77 4.83 -32.11	86.40 5.09 -54.41	121.80 8.11 -71.01	101.46 8.12 -50.63	90.22 7.46 -43.09	75.61 6.11 -35.36	66.83 5.81 -27.66	53.54 5.94 -14.41	49.52 5.89 -9.98
SOUTH_FORK_WT_PWR 323839	38.14 4.57 -4.05	36.46 4.16 -4.36	35.23 4.12 -3.29	35.20 3.96 -4.14	35.89 4.14 -3.76	40.16 5.01 -5.13	54.49 7.60 -3.95	66.32 7.84 -14.43	55.10 6.15 -13.41	45.94 5.74 -7.74	46.68 5.51 -9.48	48.37 5.28 -13.44	47.70 5.22 -13.18	50.33 5.06 -16.52	54.55 4.75 -22.94	63.83 4.89 -32.11	86.45 5.14 -54.41	121.88 8.19 -71.01	101.55 8.20 -50.63	90.34 7.58 -43.09	75.68 6.18 -35.36	66.93 5.91 -27.66	53.61 6.01 -14.41	49.62 5.99 -9.98
SPIERFLS_115KV_TB 1 80737	35.92 1.95 -4.46	34.63 1.82 -4.88	32.97 1.73 -3.42	33.25 1.65 -4.50	33.80 1.68 -4.13	37.91 1.92 -5.97	45.82 2.88 0.00	60.10 2.95 -13.09	50.12 2.42 -12.16	43.73 1.95 -9.33	45.05 1.71 -11.64	44.92 1.63 -13.64	45.02 1.64 -14.07	45.94 1.64 -15.56	50.58 1.40 -22.32	54.39 1.32 -26.24	73.43 1.40 -45.12	100.91 2.65 -55.59	84.73 2.39 -39.62	69.84 2.22 -27.94	60.02 2.05 -23.83	51.72 1.87 -16.48	46.94 1.79 -11.96	44.38 2.25 -8.48
ST LAWRENCE___ 23600	29.01 -0.50 0.00	27.54 -0.39 0.00	27.46 -0.36 0.00	26.74 -0.35 0.00	27.60 -0.39 0.00	29.53 -0.48 0.00	42.25 -0.69 0.00	43.53 -0.53 0.00	34.94 -0.60 0.00	31.80 -0.65 0.00	31.00 -0.70 0.00	28.94 -0.71 0.00	28.60 -0.70 0.00	28.06 -0.69 0.00	26.21 -0.64 0.00	26.17 -0.67 0.00	26.26 -0.65 0.00	41.69 -0.98 0.00	41.69 -1.03 0.00	38.76 -0.91 0.00	33.36 -0.78 0.00	32.63 -0.73 0.00	32.46 -0.73 0.00	32.94 -0.71 0.00
STATE_CA_115KV_115_LB 55624	35.03 1.15 -4.37	33.83 1.12 -4.78	32.34 1.17 -3.35	32.65 1.14 -4.41	33.19 1.15 -4.05	37.10 1.23 -5.85	44.61 1.67 0.00	58.56 1.67 -12.83	48.88 1.42 -11.92	42.86 1.27 -9.15	44.40 1.30 -11.41	44.23 1.22 -13.37	44.29 1.20 -13.79	45.20 1.21 -15.24	49.86 1.13 -21.88	53.71 1.15 -25.72	72.28 1.13 -44.24	98.99 1.83 -54.48	83.34 1.79 -38.83	68.72 1.67 -27.39	58.86 1.50 -23.21	50.99 1.47 -16.15	46.34 1.43 -11.72	43.37 1.41 -8.31
STATE_ST_34_KV_LOAD 55959	30.41 0.18 -0.72	28.83 0.11 -0.79	28.48 0.11 -0.55	27.90 0.08 -0.73	28.74 0.08 -0.67	31.13 0.15 -0.96	43.20 0.26 0.00	46.69 0.53 -2.11	37.99 0.50 -1.95	34.44 0.49 -1.50	34.04 0.48 -1.87	32.34 0.50 -2.19	32.06 0.50 -2.26	31.82 0.57 -2.50	30.90 0.46 -3.59	31.57 0.51 -4.22	34.70 0.54 -7.25	53.67 0.85 -10.15	49.95 0.81 -6.43	44.92 0.71 -4.53	38.56 0.61 -3.80	36.57 0.53 -2.67	35.56 0.43 -1.94	35.39 0.37 -1.37
STATION 5_MISC_HYD 23604	29.62 -0.59 -0.70	28.11 -0.59 -0.77	27.72 -0.64 -0.54	27.18 -0.62 -0.71	28.05 -0.59 -0.65	30.38 -0.57 -0.94	41.91 -1.03 0.00	44.70 -1.41 -2.06	36.66 -0.78 -1.91	33.33 -0.58 -1.46	32.98 -0.54 -1.82	31.37 -0.42 -2.14	31.16 -0.35 -2.21	30.87 -0.32 -2.44	30.03 -0.32 -3.50	30.71 -0.24 -4.11	33.54 -0.38 -7.01	49.84 -0.77 -7.94	48.23 -0.77 -6.28	43.42 -0.67 -4.43	37.34 -0.51 -3.71	35.41 -0.57 -2.61	34.55 -0.53 -1.89	34.55 -0.44 -1.34
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.64 0.44 -0.68	29.10 0.42 -0.75	28.68 0.33 -0.52	28.11 0.33 -0.69	29.02 0.39 -0.63	31.47 0.54 -0.92	43.84 0.90 0.00	46.94 0.88 -2.01	38.33 0.92 -1.86	34.79 0.91 -1.43	34.43 0.95 -1.78	32.69 0.95 -2.09	32.45 1.00 -2.16	32.11 0.98 -2.38	31.16 0.89 -3.42	31.79 0.94 -4.02	34.74 0.97 -6.87	52.88 1.66 -8.54	48.89 0.09 -6.09	44.04 0.08 -4.29	37.88 0.14 -3.60	35.93 0.03 -2.53	34.99 -0.03 -1.84	34.95 0.00 -1.30
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.47 -0.74 -0.70	27.97 -0.73 -0.76	27.58 -0.78 -0.53	27.04 -0.76 -0.70	27.91 -0.73 -0.64	30.22 -0.72 -0.93	41.78 -1.16 0.00	44.64 -1.45 -2.04	36.51 -0.92 -1.89	33.22 -0.68 -1.45	32.87 -0.63 -1.81	31.24 -0.53 -2.12	31.05 -0.44 -2.19	30.77 -0.40 -2.42	29.90 -0.43 -3.48	30.55 -0.38 -4.09	33.40 -0.46 -6.95	49.68 -0.90 -7.90	47.98 -0.90 -6.16	43.22 -0.79 -4.34	37.17 -0.61 -3.64	35.26 -0.67 -2.56	34.39 -0.66 -1.86	34.39 -0.57 -1.32
STA_56___34_KV_BUS2 355983	29.47 -0.74 -0.70	27.97 -0.73 -0.76	27.58 -0.78 -0.53	27.04 -0.76 -0.70	27.91 -0.73 -0.64	30.22 -0.72 -0.93	41.78 -1.16 0.00	44.64 -1.45 -2.04	36.51 -0.92 -1.89	33.22 -0.68 -1.45	32.87 -0.63 -1.81	31.24 -0.53 -2.12	31.05 -0.44 -2.19	30.77 -0.40 -2.42	29.90 -0.43 -3.48	30.55 -0.38 -4.09	33.40 -0.46 -6.95	49.68 -0.90 -7.90	47.98 -0.90 -6.16	43.22 -0.79 -4.34	37.17 -0.61 -3.64	35.26 -0.67 -2.56	34.39 -0.66 -1.86	34.39 -0.57 -1.32
STA_67___115KV_BK2 355882	29.56 -0.65 -0.70	28.06 -0.64 -0.77	27.64 -0.72 -0.54	27.13 -0.68 -0.71	28.00 -0.64 -0.65	30.32 -0.63 -0.94	41.91 -1.03 0.00	44.70 -1.41 -2.06	36.60 -0.85 -1.91	33.30 -0.62 -1.46	32.92 -0.60 -1.83	31.31 -0.47 -2.14	31.13 -0.38 -2.21	30.84 -0.34 -2.44	29.95 -0.40 -3.50	30.63 -0.32 -4.12	33.48 -0.43 -7.00	49.69 -0.90 -7.92	48.02 -0.90 -6.20	43.29 -0.75 -4.37	37.23 -0.58 -3.67	35.31 -0.63 -2.58	34.47 -0.60 -1.87	34.47 -0.50 -1.33
STA_7___115KV_9TRANS 80674	29.74 -0.47 -0.70	28.20 -0.50 -0.77	27.78 -0.58 -0.54	27.26 -0.54 -0.71	28.14 -0.50 -0.65	30.50 -0.45 -0.94	42.17 -0.77 0.00	45.01 -1.10 -2.06	36.85 -0.60 -1.91	33.52 -0.39 -1.46	33.14 -0.38 -1.83	31.52 -0.27 -2.14	31.33 -0.18 -2.21	31.05 -0.14 -2.44	30.14 -0.21 -3.50	30.82 -0.13 -4.12	33.70 -0.22 -7.01	50.14 -0.47 -7.94	48.37 -0.56 -6.21	43.61 -0.44 -4.38	37.50 -0.31 -3.67	35.55 -0.40 -2.58	34.67 -0.40 -1.87	34.67 -0.30 -1.33

STA_82___115KV_TB1 80780	29.59 -0.62 -0.70	28.06 -0.64 -0.77	27.67 -0.70 -0.54	27.16 -0.65 -0.71	28.02 -0.62 -0.65	30.35 -0.60 -0.94	41.91 -1.03 0.00	44.75 -1.37 -2.06	36.60 -0.85 -1.91	33.33 -0.58 -1.47	32.95 -0.57 -1.83	31.32 -0.47 -2.14	31.16 -0.35 -2.21	30.85 -0.34 -2.45	29.99 -0.38 -3.51	30.67 -0.30 -4.13	33.52 -0.40 -7.02	49.85 -0.85 -8.03	48.08 -0.85 -6.22	43.30 -0.75 -4.39	37.27 -0.55 -3.68	35.35 -0.60 -2.59	34.47 -0.60 -1.88	34.51 -0.47 -1.33
STEEL___WIND 323596	29.01 -1.33 -0.83	27.50 -1.34 -0.90	27.09 -1.36 -0.63	26.63 -1.30 -0.83	27.41 -1.34 -0.76	29.92 -1.20 -1.10	41.35 -1.59 0.00	43.56 -2.91 -2.42	35.85 -1.92 -2.23	32.61 -1.56 -1.71	32.28 -1.55 -2.14	30.82 -1.33 -2.50	30.68 -1.20 -2.58	30.48 -1.12 -2.86	29.77 -1.18 -4.10	30.66 -0.99 -4.82	33.83 -1.29 -8.21	45.92 -2.22 -5.47	47.67 -2.35 -7.30	42.72 -2.10 -5.15	36.92 -1.54 -4.32	34.90 -1.50 -3.04	34.10 -1.29 -2.20	34.17 -1.04 -1.56
STEPHTWN_115KV_BK_2 55603	35.23 1.39 -4.33	34.01 1.34 -4.74	32.53 1.39 -3.32	32.82 1.35 -4.37	33.37 1.37 -4.01	37.31 1.50 -5.80	45.09 2.15 0.00	58.88 2.11 -12.71	49.09 1.74 -11.81	43.04 1.53 -9.06	44.55 1.55 -11.31	44.31 1.42 -13.24	44.40 1.44 -13.67	45.26 1.41 -15.10	49.87 1.34 -21.68	53.68 1.37 -25.48	72.12 1.37 -43.84	99.00 2.35 -53.98	83.46 2.26 -38.48	68.91 2.10 -27.14	59.00 1.91 -22.95	51.18 1.80 -16.01	46.53 1.73 -11.61	43.60 1.72 -8.23
STEBEN_REC_LFGE 323667	30.33 -0.18 -1.00	28.86 -0.17 -1.09	28.39 -0.19 -0.76	27.91 -0.19 -1.01	28.69 -0.22 -0.92	31.35 0.00 -1.33	43.11 0.17 0.00	46.76 -0.22 -2.93	38.18 -0.07 -2.71	34.50 -0.03 -2.08	34.13 -0.16 -2.60	32.57 -0.12 -3.04	32.41 -0.03 -3.14	32.33 0.11 -3.47	31.81 -0.03 -4.98	32.88 0.19 -5.85	36.80 0.03 -9.87	67.58 0.09 -24.82	51.39 -0.17 -8.84	45.83 -0.08 -6.24	39.54 0.17 -5.23	37.25 0.20 -3.68	36.03 0.17 -2.67	35.81 0.27 -1.89
STILLWATER___SOLAR 323814	35.93 1.98 -4.44	34.63 1.84 -4.86	33.03 1.81 -3.40	33.32 1.74 -4.49	33.92 1.82 -4.12	38.01 2.04 -5.95	45.99 3.05 0.00	60.13 3.04 -13.04	50.13 2.49 -12.10	43.88 2.14 -9.29	45.34 2.06 -11.59	45.12 1.90 -13.58	45.21 1.90 -14.01	46.13 1.90 -15.48	50.82 1.74 -22.22	54.70 1.74 -26.12	73.59 1.78 -44.91	101.03 3.03 -55.32	85.05 2.91 -39.42	70.17 2.70 -27.80	60.30 2.46 -23.70	52.10 2.33 -16.40	47.31 2.22 -11.90	44.47 2.39 -8.43
STONY___BROOK 24151	37.05 3.45 -4.08	35.46 3.13 -4.39	34.24 3.09 -3.32	34.25 2.98 -4.18	34.91 3.13 -3.78	39.01 3.84 -5.15	52.64 5.76 -3.95	64.52 6.04 -14.43	53.72 4.76 -13.41	44.69 4.48 -7.76	45.45 4.28 -9.48	47.18 4.09 -13.44	46.53 4.04 -13.19	49.24 3.97 -16.52	53.50 3.71 -22.94	62.70 3.76 -32.11	85.11 3.79 -54.41	119.66 5.97 -71.01	99.32 5.98 -50.63	88.27 5.51 -43.09	74.14 4.64 -35.36	65.60 4.47 -27.76	52.28 4.68 -14.41	48.31 4.68 -9.98
STURGEON_POOL_HYD 23609	34.38 1.24 -3.63	33.02 1.12 -3.97	31.69 1.09 -2.78	31.82 1.06 -3.67	32.47 1.12 -3.37	36.44 1.56 -4.86	45.43 2.49 0.00	57.01 2.29 -10.66	47.32 1.88 -9.89	41.89 1.85 -7.59	42.94 1.77 -9.47	42.46 1.72 -11.10	42.48 1.73 -11.45	43.10 1.70 -12.66	46.55 1.53 -18.16	49.74 1.56 -21.35	64.86 1.56 -36.40	90.30 2.39 -45.24	77.41 2.39 -32.30	64.63 2.18 -22.78	55.05 1.78 -19.13	48.57 1.77 -13.44	44.76 1.83 -9.75	42.41 1.85 -6.91
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.25 1.48 -3.26	32.87 1.37 -3.57	31.60 1.28 -2.50	31.66 1.27 -3.29	32.33 1.32 -3.02	36.09 1.71 -4.36	45.47 2.53 0.00	56.26 2.64 -9.57	46.46 2.10 -8.82	41.23 2.01 -6.77	42.07 1.93 -8.44	41.44 1.90 -9.89	41.38 1.88 -10.21	41.87 1.84 -11.28	44.71 1.67 -16.19	47.56 1.69 -19.03	58.95 1.72 -30.32	85.69 2.69 -40.33	74.11 2.65 -28.75	62.36 2.42 -20.27	53.12 1.98 -17.00	47.29 1.97 -11.96	43.86 1.99 -8.67	41.78 1.99 -6.15
SWANROAD_115KV_TB1 355699	28.47 -1.83 -0.79	26.98 -1.82 -0.86	26.56 -1.86 -0.60	26.13 -1.76 -0.80	26.93 -1.79 -0.73	29.33 -1.74 -1.06	40.28 -2.66 0.00	42.53 -3.83 -2.31	34.95 -2.74 -2.15	31.92 -2.17 -1.65	31.56 -2.19 -2.05	30.04 -2.02 -2.41	29.97 -1.82 -2.48	29.77 -1.72 -2.74	29.05 -1.75 -3.94	29.91 -1.56 -4.63	32.87 -1.88 -7.85	45.83 -3.07 -6.23	46.30 -3.37 -6.95	41.52 -3.05 -4.90	35.93 -2.32 -4.11	33.99 -2.27 -2.89	33.26 -2.02 -2.10	33.42 -1.72 -1.49
SYNERGY___BIOGAS 323694	29.53 -0.74 -0.76	28.03 -0.73 -0.83	27.62 -0.78 -0.58	27.10 -0.76 -0.76	27.96 -0.73 -0.70	30.42 -0.60 -1.01	42.08 -0.86 0.00	44.46 -1.81 -2.21	36.59 -0.99 -2.05	33.28 -0.75 -1.57	32.93 -0.73 -1.96	31.32 -0.62 -2.30	31.14 -0.53 -2.37	30.88 -0.49 -2.62	30.08 -0.54 -3.76	30.85 -0.40 -4.42	33.87 -0.57 -7.53	48.70 -0.81 -6.84	48.33 -1.11 -6.72	43.50 -0.91 -4.74	37.54 -0.58 -3.98	35.50 -0.67 -2.80	34.66 -0.56 -2.03	34.72 -0.37 -1.44
SYRACUSE___ENERGY_ST1 323597	30.11 -0.03 -0.63	28.57 -0.06 -0.69	28.22 -0.08 -0.48	27.65 -0.08 -0.64	28.49 -0.08 -0.59	30.71 -0.15 -0.85	42.68 -0.26 0.00	45.82 -0.09 -1.86	37.26 0.00 -1.72	33.80 0.03 -1.32	33.44 0.10 -1.65	31.70 0.12 -1.93	31.44 0.15 -1.99	31.15 0.20 -2.20	30.17 0.16 -3.16	30.74 0.19 -3.71	33.49 0.19 -6.40	50.88 0.26 -7.95	48.64 0.26 -5.67	43.91 0.24 -4.00	37.70 0.20 -3.35	35.86 0.13 -2.36	34.97 0.07 -1.71	34.90 0.03 -1.21
SYRACUSE___ENERGY_ST2 323598	30.11 -0.03 -0.63	28.57 -0.06 -0.69	28.22 -0.08 -0.48	27.65 -0.08 -0.64	28.49 -0.08 -0.59	30.71 -0.15 -0.85	42.68 -0.26 0.00	45.82 -0.09 -1.86	37.26 0.00 -1.72	33.80 0.03 -1.32	33.44 0.10 -1.65	31.70 0.12 -1.93	31.44 0.15 -1.99	31.15 0.20 -2.20	30.17 0.16 -3.16	30.74 0.19 -3.71	33.49 0.19 -6.40	50.88 0.26 -7.95	48.64 0.26 -5.67	43.91 0.24 -4.00	37.70 0.20 -3.35	35.86 0.13 -2.36	34.97 0.07 -1.71	34.90 0.03 -1.21
SYRACUSE___POWER 24017	30.03 -0.12 -0.64	28.50 -0.14 -0.70	28.15 -0.17 -0.49	27.58 -0.16 -0.65	28.42 -0.17 -0.59	30.63 -0.24 -0.86	42.55 -0.39 0.00	45.63 -0.31 -1.88	37.11 -0.18 -1.75	33.69 -0.10 -1.34	33.33 -0.03 -1.67	31.64 0.03 -1.96	31.35 0.03 -2.02	31.07 0.09 -2.23	30.14 0.08 -3.20	30.71 0.11 -3.77	33.46 0.08 -6.48	50.81 0.09 -8.05	48.54 0.09 -5.74	43.80 0.08 -4.05	37.57 0.03 -3.39	35.75 0.00 -2.39	34.86 -0.07 -1.73	34.74 -0.13 -1.23
TALLMAN___138KV_BK151 55660	34.54 1.68 -3.35	33.13 1.54 -3.66	31.80 1.42 -2.56	31.88 1.41 -3.38	32.57 1.48 -3.10	36.41 1.92 -4.48	45.77 2.83 0.00	56.82 2.95 -9.81	46.89 2.31 -9.04	41.59 2.21 -6.94	42.50 2.16 -8.65	41.89 2.11 -10.14	41.84 2.08 -10.46	42.35 2.04 -11.56	45.27 1.83 -16.59	48.19 1.85 -19.50	59.12 1.88 -30.33	86.90 2.90 -41.33	75.03 2.86 -29.46	63.06 2.62 -20.77	53.72 2.15 -17.42	47.76 2.14 -12.25	44.24 2.16 -8.89	42.10 2.15 -6.30
TEALLAVE_115KV_TB7 355573	29.88 -0.21 -0.58	28.32 -0.25 -0.64	28.02 -0.25 -0.45	27.44 -0.24 -0.59	28.28 -0.25 -0.54	30.43 -0.36 -0.78	42.34 -0.60 0.00	45.19 -0.57 -1.71	36.77 -0.36 -1.58	33.40 -0.26 -1.21	33.02 -0.19 -1.52	31.33 -0.09 -1.77	31.04 -0.09 -1.83	30.74 -0.03 -2.02	29.73 -0.03 -2.91	30.22 -0.03 -3.41	32.70 -0.08 -5.87	49.80 -0.17 -7.30	47.75 -0.17 -5.20	43.14 -0.20 -3.67	37.05 -0.17 -3.07	35.33 -0.20 -2.16	34.50 -0.27 -1.57	34.46 -0.30 -1.11

TELGRAPH_34_KV_EAST 80808	29.10 -1.18 -0.77	27.60 -1.17 -0.84	27.16 -1.25 -0.59	26.71 -1.17 -0.78	27.53 -1.18 -0.71	29.96 -1.08 -1.03	41.39 -1.55 0.00	43.71 -2.60 -2.25	35.89 -1.74 -2.09	32.72 -1.33 -1.60	32.36 -1.33 -2.00	30.78 -1.22 -2.34	30.66 -1.05 -2.42	30.44 -0.98 -2.67	29.64 -1.05 -3.84	30.46 -0.89 -4.51	33.43 -1.13 -7.65	47.39 -1.83 -6.56	47.40 -2.09 -6.78	42.59 -1.86 -4.78	36.82 -1.33 -4.01	34.85 -1.33 -2.82	34.04 -1.19 -2.05	34.19 -0.91 -1.45
TEMPLE___115KV_TB 2 55572	29.89 -0.21 -0.59	28.35 -0.22 -0.64	28.02 -0.25 -0.45	27.45 -0.24 -0.59	28.28 -0.25 -0.54	30.44 -0.36 -0.79	42.34 -0.60 0.00	45.25 -0.53 -1.72	36.82 -0.32 -1.60	33.45 -0.23 -1.23	33.06 -0.16 -1.53	31.35 -0.09 -1.79	31.09 -0.06 -1.85	30.79 0.00 -2.04	29.76 -0.03 -2.93	30.28 0.00 -3.45	32.78 -0.05 -5.93	49.87 -0.17 -7.37	47.84 -0.13 -5.25	43.22 -0.16 -3.70	37.11 -0.14 -3.10	35.35 -0.20 -2.18	34.54 -0.23 -1.58	34.50 -0.27 -1.12
TIANA___69_KV_BK 1 55817	37.46 3.90 -4.05	35.82 3.52 -4.36	34.57 3.48 -3.27	34.57 3.36 -4.12	35.25 3.53 -3.73	39.40 4.29 -5.10	53.37 6.48 -3.95	65.18 6.78 -14.35	54.31 5.37 -13.41	45.19 5.00 -7.74	45.92 4.75 -9.47	47.62 4.54 -13.43	46.96 4.48 -13.18	49.66 4.40 -16.51	53.87 4.08 -22.93	63.12 4.19 -32.09	85.67 4.36 -54.40	120.55 6.87 -71.01	100.23 6.88 -50.63	89.11 6.35 -43.09	74.73 5.22 -35.36	66.06 5.04 -27.66	52.81 5.21 -14.41	48.82 5.18 -9.98
TILDEN___115KV_TB1 80814	30.03 -0.12 -0.64	28.50 -0.14 -0.70	28.15 -0.17 -0.49	27.58 -0.16 -0.65	28.42 -0.17 -0.59	30.63 -0.24 -0.86	42.55 -0.39 0.00	45.63 -0.31 -1.88	37.11 -0.18 -1.75	33.69 -0.10 -1.34	33.33 -0.03 -1.67	31.64 0.03 -1.96	31.35 0.03 -2.02	31.07 0.09 -2.23	30.14 0.08 -3.20	30.71 0.11 -3.77	33.46 0.08 -6.48	50.81 0.09 -8.05	48.54 0.09 -5.74	43.80 0.08 -4.05	37.57 0.03 -3.39	35.75 0.00 -2.39	34.86 -0.07 -1.73	34.74 -0.13 -1.23
TRIGEN___CC 323695	39.67 2.48 -7.68	38.21 2.29 -7.99	37.32 2.28 -7.22	37.35 2.22 -8.04	37.35 2.32 -7.04	40.66 2.82 -7.82	51.44 4.12 -4.38	62.80 4.41 -14.34	52.64 3.55 -13.55	46.20 3.47 -10.28	44.58 3.23 -9.65	46.24 3.14 -13.45	46.20 3.08 -13.82	48.25 2.99 -16.51	52.55 2.77 -22.93	61.70 2.76 -32.09	84.13 2.83 -54.40	118.04 4.35 -71.01	97.62 4.27 -50.63	86.69 3.93 -43.09	72.76 3.24 -35.37	77.06 3.24 -40.46	50.94 3.35 -14.39	47.00 3.36 -9.98
TRINITY___115KV__ 4 BK 55933	34.89 1.03 -4.34	33.69 1.01 -4.75	32.23 1.09 -3.33	32.54 1.06 -4.38	33.08 1.06 -4.02	36.94 1.11 -5.81	44.48 1.55 0.00	58.29 1.50 -12.74	48.65 1.28 -11.83	42.67 1.14 -9.08	44.23 1.20 -11.33	44.02 1.10 -13.27	44.08 1.08 -13.70	44.98 1.09 -15.14	49.60 1.02 -21.72	53.42 1.05 -25.53	71.84 1.00 -43.94	98.39 1.62 -54.10	82.90 1.62 -38.56	68.37 1.51 -27.19	58.51 1.37 -23.00	50.71 1.30 -16.04	46.12 1.29 -11.64	43.21 1.31 -8.25
UNION___PROCESSING_DRP 323587	29.59 -0.62 -0.70	28.09 -0.61 -0.77	27.67 -0.70 -0.54	27.18 -0.62 -0.71	28.02 -0.62 -0.65	30.35 -0.60 -0.94	41.95 -0.99 0.00	44.79 -1.32 -2.06	36.64 -0.82 -1.91	33.33 -0.58 -1.47	32.99 -0.54 -1.83	31.35 -0.44 -2.14	31.16 -0.35 -2.21	30.88 -0.32 -2.45	30.02 -0.35 -3.51	30.70 -0.27 -4.13	33.52 -0.40 -7.02	49.86 -0.81 -8.00	48.08 -0.85 -6.22	43.34 -0.71 -4.39	37.27 -0.55 -3.68	35.35 -0.60 -2.59	34.50 -0.56 -1.88	34.51 -0.47 -1.33
UPPER HUDSON___HYD 24058	35.92 1.95 -4.46	34.63 1.81 -4.88	32.97 1.73 -3.42	33.26 1.65 -4.51	33.81 1.68 -4.14	37.92 1.92 -5.98	45.90 2.96 0.00	60.07 2.91 -13.11	50.12 2.42 -12.16	43.73 1.95 -9.34	45.05 1.71 -11.65	44.89 1.60 -13.64	45.02 1.64 -14.08	45.92 1.61 -15.56	50.58 1.40 -22.33	54.40 1.31 -26.25	73.43 1.40 -45.12	100.91 2.65 -55.60	84.73 2.39 -39.62	69.83 2.22 -27.94	60.06 2.08 -23.83	51.72 1.87 -16.48	46.94 1.79 -11.96	44.38 2.25 -8.48
UPPER RAQUET___HYD 24056	29.08 -0.53 -0.10	27.71 -0.33 -0.11	27.62 -0.28 -0.07	26.95 -0.24 -0.10	27.69 -0.39 -0.09	29.51 -0.63 -0.13	41.82 -1.12 0.00	43.72 -0.62 -0.28	34.96 -0.85 -0.27	31.72 -0.94 -0.21	31.00 -0.95 -0.26	33.26 -1.01 -4.62	34.14 -1.00 -5.84	33.59 -0.95 -5.79	31.63 -0.89 -5.66	31.50 -1.07 -5.74	32.11 -0.97 -6.17	49.88 -1.49 -8.70	49.52 -1.54 -8.34	46.02 -1.31 -7.65	39.85 -1.06 -6.77	37.59 -1.07 -5.29	37.40 -0.93 -5.14	32.96 -0.88 -0.19
VALLEY44_115KV_TB2 355964	28.82 -1.56 -0.87	27.32 -1.56 -0.95	26.88 -1.61 -0.67	26.51 -1.46 -0.88	27.31 -1.48 -0.81	29.86 -1.32 -1.16	41.99 -0.94 0.00	43.96 -2.64 -2.55	35.95 -1.95 -2.37	32.64 -1.62 -1.82	32.28 -1.68 -2.27	30.82 -1.48 -2.65	30.69 -1.35 -2.74	30.51 -1.26 -3.03	29.77 -1.42 -4.34	30.71 -1.23 -5.10	33.96 -1.48 -8.53	47.40 -2.09 -6.82	47.84 -2.52 -7.64	42.80 -2.26 -5.39	36.89 -1.78 -4.52	34.88 -1.67 -3.18	34.04 -1.46 -2.31	33.97 -1.31 -1.63
VALLEY___115KV_TB 1-4 80826	29.83 0.24 -0.09	28.22 0.20 -0.09	28.08 0.19 -0.07	27.37 0.19 -0.09	28.29 0.22 -0.08	30.43 0.30 -0.11	43.58 0.64 0.00	44.96 0.66 -0.25	36.27 0.50 -0.23	33.05 0.42 -0.18	32.33 0.41 -0.22	30.24 0.33 -0.26	29.84 0.26 -0.27	29.22 0.17 -0.30	27.42 0.13 -0.43	27.53 0.19 -0.51	28.02 0.24 -0.87	44.18 0.43 -1.08	43.92 0.43 -0.77	40.65 0.44 -0.54	34.97 0.38 -0.45	34.12 0.43 -0.32	33.92 0.50 -0.23	34.39 0.57 -0.17
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.15 2.39 -1.25	31.34 2.04 -1.37	30.79 2.00 -0.96	30.47 2.11 -1.26	31.33 2.18 -1.16	34.36 2.67 -1.68	48.13 5.20 0.00	53.10 5.37 -3.68	43.43 4.48 -3.41	38.99 3.93 -2.61	38.82 3.87 -3.26	36.94 3.47 -3.82	36.44 3.19 -3.94	36.18 3.08 -4.36	35.85 2.74 -6.25	37.19 3.01 -7.35	42.65 3.23 -12.52	64.69 5.55 -16.47	59.35 5.42 -11.21	52.54 4.96 -7.91	44.91 4.13 -6.63	41.87 3.84 -4.66	40.39 3.82 -3.38	39.72 3.67 -2.40
VISCHER___FERRY HYD 24020	35.51 1.62 -4.38	34.23 1.51 -4.79	32.68 1.50 -3.36	32.98 1.46 -4.42	33.56 1.51 -4.06	37.62 1.74 -5.87	45.47 2.53 0.00	59.42 2.51 -12.86	49.54 2.06 -11.93	43.43 1.82 -9.16	44.96 1.84 -11.43	44.72 1.69 -13.38	44.81 1.70 -13.81	45.68 1.67 -15.27	50.32 1.56 -21.91	54.17 1.58 -25.75	72.74 1.53 -44.30	99.74 2.52 -54.55	84.06 2.48 -38.87	69.42 2.34 -27.41	59.54 2.08 -23.31	51.54 2.00 -16.17	46.88 1.96 -11.73	44.02 2.05 -8.32
V_A_10_SYNC_DSASP 323832	28.99 -1.27 -0.74	27.49 -1.26 -0.81	27.11 -1.28 -0.57	26.63 -1.22 -0.75	27.45 -1.23 -0.69	29.81 -1.20 -1.00	40.79 -2.15 0.00	43.32 -2.91 -2.18	35.67 -1.88 -2.02	32.47 -1.52 -1.55	32.17 -1.46 -1.93	30.64 -1.27 -2.26	30.46 -1.17 -2.33	30.24 -1.09 -2.58	29.45 -1.10 -3.70	30.22 -0.97 -4.35	33.08 -1.24 -7.42	47.14 -2.35 -6.81	47.07 -2.27 -6.62	42.32 -2.02 -4.67	36.52 -1.54 -3.91	34.62 -1.50 -2.75	33.83 -1.36 -2.00	33.96 -1.11 -1.42
V_CMM_10_SYNC_DSASP 323787	29.13 -0.38 0.00	27.65 -0.28 0.00	27.54 -0.28 0.00	26.83 -0.27 0.00	27.68 -0.31 0.00	29.65 -0.36 0.00	42.42 -0.51 0.00	43.70 -0.35 0.00	35.04 -0.50 0.00	31.90 -0.55 0.00	31.09 -0.60 0.00	29.02 -0.62 0.00	28.68 -0.62 0.00	28.14 -0.61 0.00	26.32 -0.54 0.00	26.25 -0.59 0.00	26.34 -0.57 0.00	41.86 -0.81 0.00	41.86 -0.85 0.00	38.88 -0.79 0.00	33.49 -0.65 0.00	32.73 -0.64 0.00	32.56 -0.63 0.00	33.04 -0.60 0.00

V_CMP_10_SYNC_DSASP 323788	29.19 -0.32 0.00	27.77 -0.17 0.00	27.66 -0.17 0.00	26.91 -0.19 0.00	27.85 -0.14 0.00	29.92 -0.09 0.00	42.98 0.04 0.00	43.65 -0.40 0.00	34.73 -0.82 0.00	31.25 -1.20 0.00	30.17 -1.52 0.00	0.92 -1.63 27.10	-7.00 -1.58 34.72	-7.00 -1.55 34.19	-7.00 -1.42 32.43	-7.02 -1.50 32.36	-7.03 -1.45 32.48	-6.34 -2.17 46.84	-6.39 -2.31 46.80	-6.67 -2.18 44.16	-6.91 -1.78 39.27	0.86 -1.60 30.91	0.97 -1.63 30.59	32.00 -1.65 0.00
V_D_10_SYNC_DSASP 323841	28.21 -2.09 -0.79	26.76 -2.04 -0.86	26.37 -2.06 -0.60	25.89 -2.00 -0.80	26.68 -2.04 -0.73	29.06 -2.01 -1.06	39.72 -3.22 0.00	41.96 -4.40 -2.32	34.66 -3.02 -2.14	31.56 -2.53 -1.64	31.27 -2.47 -2.05	29.82 -2.22 -2.40	29.70 -2.08 -2.48	29.50 -1.98 -2.74	28.79 -1.99 -3.93	29.65 -1.80 -4.62	32.62 -2.15 -7.86	45.68 -3.11 -6.12	45.88 -3.84 -7.00	41.16 -3.45 -4.94	35.59 -2.70 -4.14	33.71 -2.57 -2.91	32.95 -2.36 -2.11	33.16 -1.99 -1.50
V_E_10_SYNC_DSASP 323830	32.79 2.13 -1.15	30.98 1.79 -1.26	30.46 1.75 -0.88	30.07 1.82 -1.16	30.93 1.88 -1.07	33.92 2.37 -1.54	47.75 4.81 0.00	52.45 5.02 -3.38	42.76 4.05 -3.16	38.28 3.41 -2.43	38.08 3.36 -3.03	36.16 2.96 -3.55	35.72 2.75 -3.66	35.44 2.64 -4.05	35.05 2.39 -5.81	36.35 2.68 -6.83	41.34 2.93 -11.50	63.47 5.16 -15.63	58.10 5.12 -10.26	51.59 4.68 -7.24	44.10 3.89 -6.07	41.24 3.60 -4.27	39.84 3.55 -3.10	39.28 3.43 -2.20
V_F_30_NSYNC_DSASP 323816	35.97 2.01 -4.45	34.70 1.90 -4.87	33.07 1.84 -3.41	33.38 1.79 -4.50	33.96 1.85 -4.13	38.08 2.10 -5.96	46.03 3.09 0.00	60.21 3.08 -13.07	50.20 2.52 -12.13	43.94 2.17 -9.31	45.40 2.09 -11.62	45.18 1.93 -13.61	45.27 1.93 -14.04	46.19 1.93 -15.52	50.90 1.77 -22.27	54.81 1.80 -26.18	73.71 1.80 -45.00	101.23 3.11 -55.44	85.22 2.99 -39.51	70.31 2.78 -27.86	60.39 2.49 -23.76	52.17 2.37 -16.44	47.37 2.26 -11.92	44.53 2.42 -8.45
V_F_30_SYNC_DSASP 323786	35.03 1.15 -4.37	33.83 1.12 -4.78	32.34 1.17 -3.35	32.65 1.14 -4.41	33.19 1.15 -4.05	37.09 1.23 -5.85	44.61 1.67 0.00	58.55 1.67 -12.82	48.87 1.42 -11.91	42.86 1.27 -9.14	44.40 1.30 -11.41	44.19 1.19 -13.36	44.29 1.20 -13.78	45.19 1.21 -15.24	49.85 1.13 -21.87	53.69 1.15 -25.70	72.25 1.13 -44.22	98.96 1.83 -54.45	83.32 1.79 -38.81	68.71 1.67 -27.37	58.84 1.50 -23.20	50.98 1.47 -16.14	46.30 1.39 -11.71	43.37 1.41 -8.30
V_XM_10_SYNC_DSASP 323789	29.19 -0.32 0.00	27.77 -0.17 0.00	27.66 -0.17 0.00	26.91 -0.19 0.00	27.85 -0.14 0.00	29.92 -0.09 0.00	42.98 0.04 0.00	43.65 -0.40 0.00	34.73 -0.82 0.00	31.25 -1.20 0.00	30.17 -1.52 0.00	0.92 -1.63 27.10	-7.00 -1.58 34.72	-7.00 -1.55 34.19	-7.00 -1.42 32.43	-7.02 -1.50 32.36	-7.03 -1.45 32.48	-6.34 -2.17 46.84	-6.39 -2.31 46.80	-6.67 -2.18 44.16	-6.91 -1.78 39.27	0.86 -1.60 30.91	0.97 -1.63 30.59	32.00 -1.65 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.62 1.74 -3.36	33.20 1.59 -3.68	31.90 1.50 -2.58	31.98 1.49 -3.39	32.67 1.57 -3.12	36.53 2.01 -4.50	45.90 2.96 0.00	57.01 3.08 -9.87	47.05 2.42 -9.10	41.77 2.34 -6.98	42.65 2.25 -8.71	42.07 2.22 -10.20	42.03 2.20 -10.53	42.51 2.13 -11.64	45.49 1.93 -16.70	48.43 1.96 -19.63	59.18 1.99 -30.28	87.35 3.07 -41.60	75.44 3.08 -29.65	63.36 2.78 -20.91	53.97 2.29 -17.54	47.97 2.27 -12.33	44.43 2.29 -8.95	42.28 2.29 -6.34
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.82 1.83 -3.48	33.45 1.70 -3.81	32.16 1.67 -2.67	32.24 1.63 -3.52	32.92 1.71 -3.23	36.87 2.19 -4.66	46.29 3.35 0.00	57.93 3.66 -10.22	48.09 2.99 -9.56	42.77 2.99 -7.34	43.67 2.82 -9.15	43.16 2.79 -10.72	43.06 2.70 -11.06	43.59 2.62 -12.23	46.82 2.42 -17.55	49.83 2.36 -20.63	68.19 2.50 -38.79	90.14 3.76 -43.71	77.55 3.67 -31.16	65.02 3.37 -21.97	55.26 2.70 -18.42	49.00 2.67 -12.96	45.35 2.75 -9.40	43.11 2.79 -6.67
W50THST__13_KV_LOAD 356117	34.94 1.95 -3.48	33.53 1.79 -3.81	32.27 1.78 -2.67	32.35 1.73 -3.52	33.01 1.79 -3.23	36.99 2.31 -4.66	46.50 3.56 0.00	58.20 3.92 -10.22	48.30 3.20 -9.56	42.93 3.15 -7.34	43.86 3.01 -9.15	43.30 2.94 -10.72	43.24 2.87 -11.06	43.76 2.79 -12.23	46.98 2.58 -17.55	49.99 2.52 -20.63	68.36 2.66 -38.79	90.40 4.01 -43.71	77.80 3.93 -31.16	65.21 3.57 -21.97	55.43 2.87 -18.42	49.16 2.84 -12.96	45.48 2.89 -9.40	43.24 2.93 -6.67
WADING RIVER_IC_1 23522	37.19 3.63 -4.05	35.59 3.29 -4.36	34.37 3.25 -3.29	34.38 3.14 -4.14	35.04 3.30 -3.75	39.17 4.02 -5.13	52.94 6.06 -3.95	64.73 6.25 -14.43	53.86 4.91 -13.41	44.83 4.64 -7.74	45.61 4.44 -9.48	47.36 4.27 -13.44	46.67 4.19 -13.18	49.38 4.11 -16.52	53.63 3.84 -22.94	62.86 3.92 -32.11	85.35 4.03 -54.41	120.09 6.40 -71.01	99.75 6.41 -50.63	88.67 5.91 -43.09	74.38 4.88 -35.36	65.72 4.71 -27.65	52.51 4.91 -14.41	48.51 4.88 -9.98
WADING RIVER_IC_2 23547	37.19 3.63 -4.05	35.59 3.29 -4.36	34.37 3.25 -3.29	34.38 3.14 -4.14	35.04 3.30 -3.75	39.17 4.02 -5.13	52.94 6.06 -3.95	64.73 6.25 -14.43	53.86 4.91 -13.41	44.83 4.64 -7.74	45.61 4.44 -9.48	47.36 4.27 -13.44	46.67 4.19 -13.18	49.38 4.11 -16.52	53.63 3.84 -22.94	62.86 3.92 -32.11	85.35 4.03 -54.41	120.09 6.40 -71.01	99.75 6.41 -50.63	88.67 5.91 -43.09	74.38 4.88 -35.36	65.72 4.71 -27.65	52.51 4.91 -14.41	48.51 4.88 -9.98
WADING RIVER_IC_3 23601	37.19 3.63 -4.05	35.59 3.29 -4.36	34.37 3.25 -3.29	34.38 3.14 -4.14	35.04 3.30 -3.75	39.17 4.02 -5.13	52.94 6.06 -3.95	64.73 6.25 -14.43	53.86 4.91 -13.41	44.83 4.64 -7.74	45.61 4.44 -9.48	47.36 4.27 -13.44	46.67 4.19 -13.18	49.38 4.11 -16.52	53.63 3.84 -22.94	62.86 3.92 -32.11	85.35 4.03 -54.41	120.09 6.40 -71.01	99.75 6.41 -50.63	88.67 5.91 -43.09	74.38 4.88 -35.36	65.72 4.71 -27.65	52.51 4.91 -14.41	48.51 4.88 -9.98
WALDENNY_12_KV_BK2 80841	29.03 -1.30 -0.82	27.52 -1.31 -0.90	27.09 -1.36 -0.63	26.65 -1.27 -0.83	27.44 -1.32 -0.76	29.94 -1.17 -1.10	41.48 -1.46 0.00	43.78 -2.69 -2.41	35.93 -1.85 -2.24	32.77 -1.40 -1.72	32.38 -1.46 -2.14	30.88 -1.27 -2.51	30.77 -1.11 -2.59	30.57 -1.03 -2.86	29.83 -1.13 -4.10	30.75 -0.91 -4.82	33.84 -1.24 -8.17	46.14 -2.09 -5.56	47.69 -2.26 -7.24	42.75 -2.02 -5.10	36.92 -1.50 -4.28	34.91 -1.47 -3.01	34.11 -1.26 -2.18	34.19 -1.01 -1.55
WALDEN__HYDRO 24148	34.53 1.62 -3.40	33.13 1.48 -3.72	31.84 1.42 -2.60	31.93 1.41 -3.42	32.62 1.48 -3.14	36.48 1.92 -4.54	45.82 2.88 0.00	56.83 2.82 -9.96	47.06 2.28 -9.24	41.72 2.17 -7.10	42.64 2.09 -8.85	42.03 2.02 -10.37	42.02 2.02 -10.70	42.56 1.98 -11.83	45.63 1.80 -16.97	48.64 1.85 -19.95	62.22 1.91 -33.41	87.92 2.99 -42.26	75.78 2.95 -30.12	63.64 2.74 -21.24	54.21 2.25 -17.81	48.10 2.20 -12.53	44.50 2.22 -9.09	42.31 2.22 -6.44
WARRENSBURG____ 23737	35.92 1.95 -4.46	34.63 1.81 -4.88	32.97 1.73 -3.42	33.26 1.65 -4.51	33.81 1.68 -4.14	37.92 1.92 -5.98	45.90 2.96 0.00	60.07 2.91 -13.11	50.12 2.42 -12.16	43.73 1.95 -9.34	45.05 1.71 -11.65	44.89 1.60 -13.64	45.02 1.64 -14.08	45.92 1.61 -15.56	50.58 1.40 -22.33	54.40 1.31 -26.25	73.43 1.40 -45.12	100.91 2.65 -55.60	84.73 2.39 -39.62	69.83 2.22 -27.94	60.06 2.08 -23.83	51.72 1.87 -16.48	46.94 1.79 -11.96	44.38 2.25 -8.48

WATERSIDE___6 8 9 23538	34.97 1.98 -3.48	33.53 1.79 -3.81	32.24 1.75 -2.67	32.32 1.71 -3.52	32.98 1.76 -3.23	36.93 2.25 -4.66	46.24 3.31 0.00	57.89 3.61 -10.22	48.09 2.99 -9.56	42.74 2.95 -7.34	43.70 2.85 -9.15	43.16 2.79 -10.72	43.09 2.72 -11.06	43.62 2.64 -12.23	46.85 2.44 -17.55	49.88 2.42 -20.63	68.26 2.58 -38.77	90.27 3.88 -43.72	77.68 3.80 -31.16	65.14 3.49 -21.97	55.33 2.77 -18.42	49.10 2.77 -12.96	45.48 2.89 -9.40	43.28 2.96 -6.67
WATKINRD_115KV_LN8_ILLION 55919	29.92 0.32 -0.09	28.31 0.28 -0.09	28.14 0.25 -0.07	27.45 0.27 -0.09	28.35 0.28 -0.08	30.49 0.36 -0.11	43.58 0.64 0.00	44.96 0.66 -0.25	36.31 0.53 -0.23	33.08 0.45 -0.18	32.36 0.44 -0.22	30.30 0.39 -0.26	29.89 0.32 -0.27	29.34 0.29 -0.30	27.55 0.27 -0.43	27.64 0.30 -0.51	28.10 0.32 -0.87	44.35 0.60 -1.08	44.09 0.60 -0.77	40.77 0.56 -0.54	35.07 0.48 -0.45	34.19 0.50 -0.32	33.96 0.53 -0.23	34.35 0.54 -0.17
WATSON___69_KV_BK 1 55734	37.44 3.66 -4.27	35.84 3.32 -4.58	34.61 3.28 -3.51	34.62 3.17 -4.35	35.25 3.33 -3.93	39.32 4.05 -5.26	52.97 6.05 -3.97	64.83 6.43 -14.35	54.04 5.08 -13.41	45.08 4.74 -7.89	45.68 4.50 -9.48	47.38 4.30 -13.44	46.74 4.22 -13.22	49.40 4.14 -16.51	53.68 3.89 -22.93	62.88 3.95 -32.09	85.37 4.06 -54.40	119.96 6.27 -71.01	99.63 6.28 -50.63	88.60 5.83 -43.09	74.35 4.85 -35.36	66.49 4.70 -28.42	52.51 4.91 -14.41	48.51 4.88 -9.98
WDELAWARE___HYD 323627	33.52 0.83 -3.18	32.11 0.70 -3.48	30.92 0.67 -2.43	30.98 0.68 -3.21	31.63 0.70 -2.94	35.41 1.14 -4.25	44.78 1.85 0.00	55.14 1.76 -9.32	45.62 1.42 -8.65	40.45 1.36 -6.64	41.25 1.27 -8.29	40.60 1.24 -9.71	40.57 1.26 -10.02	41.03 1.21 -11.07	43.87 1.13 -15.89	45.99 0.48 -18.67	58.84 0.54 -31.40	83.16 0.90 -39.59	71.78 0.85 -28.21	60.28 0.71 -19.89	51.38 0.54 -16.69	46.54 1.43 -11.73	43.13 1.43 -8.51	41.10 1.41 -6.04
WEST BABYLON___IC 23714	37.62 3.39 -4.72	36.06 3.10 -5.03	34.88 3.06 -4.00	34.89 2.95 -4.84	35.44 3.11 -4.34	39.39 3.78 -5.60	52.60 5.62 -4.03	64.35 5.95 -14.35	53.70 4.73 -13.43	45.10 4.45 -8.21	45.38 4.18 -9.50	47.12 4.03 -13.44	46.55 3.96 -13.30	49.14 3.88 -16.51	53.44 3.65 -22.93	62.61 3.68 -32.09	85.05 3.74 -54.40	119.40 5.72 -71.01	99.03 5.68 -50.63	88.04 5.28 -43.09	73.91 4.40 -35.37	67.68 4.30 -30.01	52.14 4.55 -14.41	48.18 4.54 -9.98
WEST CANADA___HYD 24049	29.68 0.09 -0.09	28.11 0.08 -0.09	27.97 0.08 -0.07	27.27 0.08 -0.09	28.15 0.08 -0.08	30.25 0.12 -0.11	43.20 0.26 0.00	44.52 0.22 -0.25	35.99 0.21 -0.24	32.83 0.20 -0.18	32.11 0.19 -0.23	30.06 0.15 -0.27	29.69 0.12 -0.27	29.14 0.09 -0.30	27.37 0.08 -0.44	27.46 0.11 -0.51	27.91 0.14 -0.87	43.97 0.21 -1.08	43.70 0.21 -0.77	40.45 0.24 -0.54	34.76 0.17 -0.45	33.89 0.20 -0.32	33.62 0.20 -0.23	34.02 0.20 -0.16
WESTERN_NY_WIND 24143	29.50 -0.77 -0.76	27.98 -0.78 -0.83	27.54 -0.86 -0.58	27.08 -0.79 -0.77	27.91 -0.78 -0.70	30.40 -0.63 -1.02	42.08 -0.86 0.00	44.57 -1.72 -2.23	36.54 -1.07 -2.07	33.29 -0.75 -1.59	32.91 -0.76 -1.98	31.29 -0.68 -2.32	31.14 -0.56 -2.39	30.88 -0.52 -2.65	30.06 -0.59 -3.80	30.87 -0.43 -4.46	33.86 -0.62 -7.58	48.50 -0.90 -6.73	48.23 -1.20 -6.71	43.41 -0.99 -4.73	37.46 -0.65 -3.97	35.43 -0.73 -2.79	34.59 -0.63 -2.03	34.68 -0.40 -1.44
WESTOVER___LESR 323668	31.01 0.21 -1.30	29.49 0.14 -1.42	28.96 0.14 -0.99	28.57 0.16 -1.31	29.36 0.17 -1.20	32.08 0.33 -1.74	43.63 0.69 0.00	48.30 0.44 -3.81	39.60 0.53 -3.53	35.68 0.52 -2.71	35.61 0.54 -3.38	34.14 0.53 -3.96	33.91 0.53 -4.08	33.84 0.57 -4.51	33.79 0.46 -6.48	35.02 0.56 -7.61	40.44 0.54 -13.00	60.41 0.90 -16.85	55.17 0.81 -11.65	48.64 0.75 -8.21	41.71 0.68 -6.89	38.85 0.63 -4.84	37.34 0.63 -3.51	36.78 0.64 -2.49
WETHRSFD_WT_PWR 323626	29.20 -1.21 -0.90	27.72 -1.20 -0.98	27.29 -1.22 -0.69	26.81 -1.19 -0.91	27.59 -1.23 -0.83	30.10 -1.11 -1.20	41.22 -1.72 0.00	43.95 -2.73 -2.63	36.06 -1.92 -2.44	32.79 -1.52 -1.87	32.47 -1.55 -2.33	31.05 -1.33 -2.73	30.95 -1.17 -2.82	30.77 -1.09 -3.12	30.20 -1.13 -4.47	31.15 -0.94 -5.26	34.39 -1.37 -8.86	38.67 -2.17 1.83	48.33 -2.31 -7.92	43.28 -1.98 -5.59	37.43 -1.40 -4.69	35.40 -1.27 -3.30	34.45 -1.13 -2.39	34.44 -0.91 -1.70
WHAVSTOR_138KV_BK127 55557	34.53 1.65 -3.37	33.12 1.51 -3.68	31.82 1.42 -2.58	31.90 1.41 -3.40	32.59 1.48 -3.12	36.41 1.89 -4.51	45.77 2.83 0.00	56.89 2.95 -9.88	46.92 2.27 -9.11	41.65 2.21 -6.99	42.54 2.12 -8.72	41.97 2.11 -10.22	41.89 2.05 -10.54	42.41 2.01 -11.65	45.40 1.83 -16.72	48.32 1.82 -19.66	59.06 1.88 -30.27	87.19 2.86 -41.66	75.27 2.86 -29.69	63.23 2.62 -20.94	53.82 2.12 -17.56	47.82 2.10 -12.35	44.31 2.16 -8.96	42.15 2.15 -6.35
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.53 1.65 -3.37	33.12 1.51 -3.68	31.82 1.42 -2.58	31.90 1.41 -3.40	32.59 1.48 -3.12	36.41 1.89 -4.51	45.77 2.83 0.00	56.89 2.95 -9.88	46.92 2.27 -9.11	41.65 2.21 -6.99	42.54 2.12 -8.72	41.97 2.11 -10.22	41.89 2.05 -10.54	42.41 2.01 -11.65	45.40 1.83 -16.72	48.32 1.82 -19.66	59.06 1.88 -30.27	87.19 2.86 -41.66	75.27 2.86 -29.69	63.23 2.62 -20.94	53.82 2.12 -17.56	47.82 2.10 -12.35	44.31 2.16 -8.96	42.15 2.15 -6.35
WHITEHAL_115KV_TB1 80871	36.86 2.89 -4.46	35.49 2.68 -4.87	33.82 2.59 -3.41	34.06 2.47 -4.50	34.69 2.58 -4.13	38.89 2.91 -5.97	47.36 4.42 0.00	61.62 4.49 -13.08	51.35 3.66 -12.14	44.79 3.02 -9.32	46.05 2.73 -11.63	45.82 2.55 -13.62	45.90 2.55 -14.06	46.81 2.53 -15.54	51.43 2.28 -22.30	55.30 2.25 -26.21	74.36 2.39 -45.06	102.63 4.44 -55.52	86.34 4.06 -39.57	71.35 3.77 -27.90	61.39 3.45 -23.80	53.00 3.17 -16.46	48.05 2.92 -11.94	45.41 3.30 -8.47
WHITEPLN_13_KV_LOAD 356215	35.17 2.18 -3.48	33.72 1.98 -3.80	32.49 2.00 -2.66	32.56 1.95 -3.51	33.25 2.04 -3.22	37.16 2.49 -4.66	46.72 3.78 0.00	58.35 4.10 -10.20	48.43 3.34 -9.55	42.99 3.21 -7.33	43.94 3.11 -9.14	43.38 3.02 -10.71	43.28 2.93 -11.05	43.84 2.87 -12.21	47.01 2.63 -17.53	50.07 2.63 -20.60	68.72 2.80 -39.02	90.60 4.27 -43.66	78.02 4.19 -31.12	65.46 3.85 -21.94	55.68 3.14 -18.40	49.38 3.07 -12.94	45.63 3.05 -9.39	43.40 3.10 -6.66
WM_FLOYD_69_KV_BK2 356380	37.18 3.60 -4.07	35.58 3.27 -4.38	34.33 3.23 -3.28	34.34 3.12 -4.13	35.01 3.27 -3.74	39.14 4.02 -5.10	52.94 6.05 -3.95	64.74 6.34 -14.35	53.96 5.01 -13.41	44.87 4.67 -7.75	45.60 4.44 -9.47	47.32 4.24 -13.43	46.64 4.16 -13.18	49.34 4.08 -16.51	53.60 3.81 -22.93	62.82 3.89 -32.09	85.34 4.04 -54.40	120.04 6.36 -71.01	99.67 6.32 -50.63	88.64 5.87 -43.09	74.35 4.85 -35.36	65.74 4.67 -27.70	52.48 4.88 -14.41	48.48 4.85 -9.98
WOODARD__115KV_TB2 355635	29.96 -0.15 -0.60	28.39 -0.20 -0.65	28.09 -0.19 -0.46	27.51 -0.19 -0.60	28.35 -0.20 -0.55	30.51 -0.30 -0.80	42.47 -0.47 0.00	45.41 -0.40 -1.76	36.96 -0.21 -1.63	33.57 -0.13 -1.25	33.16 -0.10 -1.56	31.47 0.00 -1.83	31.18 0.00 -1.88	30.89 0.06 -2.08	29.90 0.05 -2.99	30.40 0.05 -3.51	32.98 0.03 -6.05	50.19 0.00 -7.52	48.08 0.00 -5.36	43.45 0.00 -3.78	37.28 -0.03 -3.17	35.53 -0.07 -2.23	34.68 -0.13 -1.62	34.63 -0.17 -1.15

YORK____WARBASSE	35.06	33.62	32.30	32.37	33.04	36.99	46.16	57.80	48.02	42.71	43.67	43.13	43.06	43.59	46.82	49.85	68.28	90.36	77.76	65.22	55.33	49.10	45.55	43.49
23770	2.07	1.87	1.81	1.76	1.82	2.31	3.22	3.52	2.91	2.92	2.82	2.76	2.70	2.62	2.42	2.39	2.61	3.97	3.89	3.57	2.77	2.77	2.95	3.16
	-3.48	-3.81	-2.67	-3.52	-3.23	-4.66	0.00	-10.22	-9.56	-7.34	-9.15	-10.72	-11.06	-12.23	-17.55	-20.63	-38.77	-43.72	-31.16	-21.97	-18.42	-12.96	-9.40	-6.67