

AEP Automatic Sectionalizing Schemes

Contingency	Initial Switching						MOAB Operation	Resultant Configuration							
	Station	765 kV Bkrs Open	500 kV Bkrs Open	345 kV Bkrs Open	138 kV Bkrs Open	34 kV Bkrs Open		Circuits Out	Station	765 kV Bkrs Open	500 kV Bkrs Open	345 kV Bkrs Open	138 kV Bkrs Open	34 kV Bkrs Open	Circuits Restored
W. Millersport 345/138 kV T-1	W. Millersport Muskingum			L, M1 SI, SH	B, C1		Muskingum-W. Millersport No. 1 345 kV	345 kV MOAB X	W. Millersport				B, C1		Muskingum-W. Millersport No. 1 345 kV
W. Bellaire 345/138 kV T-1	Kammer Tidd W. Bellaire			DD, DD1 BB, BB2	E, E2		Kammer-W. Bellaire 345 kV Tidd-W. Bellaire 345 kV	345 kV MOAB Y	W. Bellaire				E, E2		Kammer-W. Bellaire 345 kV Tidd-W. Bellaire 345 kV
S.E. Canton 345/138 kV T-1	Canton Central South Canton S.E. Canton			L, K1 A, A2	C, C1		Canton Central - S.E. Canton 345 kV S. Canton - S.E. Canton 345 kV	345 kV MOAB X1	S.E. Canton				C, C1		Canton Central - S.E. Canton 345 kV S. Canton - S.E. Canton 345 kV
Canton Central - S.E. Canton 345 kV	Canton Central South Canton S.E. Canton			L, K1 A, A2	C, C1		Canton Central - S.E. Canton 345 kV S. Canton - S.E. Canton 345 kV	345 kV MOAB W	Canton Central			L, K1			S. Canton - S.E. Canton 345 kV S.E. Canton 345/138 kV
S. Canton - S.E. Canton 345 kV	Canton Central South Canton S.E. Canton			L, K1 A, A2	C, C1		Canton Central - S.E. Canton 345 kV S. Canton - S.E. Canton 345 kV	345 kV MOAB Y	South Canton			A, A2			Canton Central - S.E. Canton 345 kV S.E. Canton 345/138 kV
Ohio Central 345/138 kV T-1	Muskingum Galion (OE) Ohio Central			SJ, SK B159, B62	C, C1		Muskingum - Ohio Central 345 kV Galion (OE) - Ohio Central 345 kV	345 kV MOAB Y	Ohio Central				C, C1		Muskingum - Ohio Central 345 kV Galion (OE) - Ohio Central 345 kV
Galion (OE)-Ohio Central	Muskingum Galion (OE) Ohio Central			SJ, SK B159, B62	C, C1		Muskingum - Ohio Central 345 kV Galion (OE) - Ohio Central 345 kV	345 kV MOAB W	Galion (OE)			B159, B62			Muskingum - Ohio Central 345 kV Ohio Central 345/138 kV
Orange 765/138 kV T-1	Kammer Orange	QQ1, QQ2 D			L1, M1, P1		Kammer-Orange 765 kV	765 kV MOAB X1	Orange				L1, M1, P1		Kammer-Orange 765 kV
Kammer-Orange 765 kV	Kammer Orange	QQ1, QQ2 D			L1, M1, P1		Kammer-Orange 765 kV	765 kV MOAB W	Kammer	QQ1, QQ2					Orange 765/138 kV
Belmont 765/500 kV T-5	Kammer Mountaineer Belmont	PP, PP2 B1, B2				BL10, BL12	Kammer-Belmont 765 kV Mountaineer-Belmont 765 kV	765 kV MOAB 537-J	Belmont		BL12, BL10				Kammer-Belmont 765 kV Mountaineer-Belmont 765 kV
Kirk 345/138 T4	Kirk			C, D, E	102N, 102C		Corridor- Kirk 345 kV Bixby- Kirk 345 kV Kirk- W Millersport 345 kV	345 kV MOAB X4	Kirk				102N, 102C		Corridor- Kirk 345 kV Bixby- Kirk 345 kV Kirk- W Millersport 345 kV
Hyatt OP-Hyatt CSP (S) 345 kV Bus Tie	Hyatt OP Hyatt CSP W Millersport			A, B 305S M, M2			Hyatt OP-W Millersport 345 kV	345 kV MOAB Y	Hyatt OP Hyatt CSP			B 305S			Hyatt OP-W Millersport 345 kV
Hyatt OP-W Millersport 345 kV	Hyatt OP Hyatt CSP W Millersport			A, B 305S M, M2			Hyatt OP-Hyatt CSP (S) 345 kV	345 kV MOAB Y	Hyatt OP W Millersport			A M, M2			Hyatt OP-Hyatt CSP (S) 345 kV
Hyatt OP-Hyatt CSP (N) 345 kV Bus Tie	Hyatt OP Hyatt CSP Tangy FE			A, B1 305N B91, B100			Hyatt OP-Tangy 345 kV	345 kV MOAB X	Hyatt OP Hyatt CSP			B1 305N			Hyatt OP-Tangy 345 kV
Hyatt OP-Tangy FE 345 kV	Hyatt OP Hyatt CSP Tangy FE			A, B1 305N B91, B100			Hyatt OP-Hyatt CSP (N) 345 kV	345 kV MOAB X	Hyatt OP Tangy FE			B1 B91, B100			Hyatt OP-Hyatt CSP (N) 345 kV
Bixby 345/138 kV T2	Bixby Marquis			301W, 303W D, D1	109		Bixby- Marquis 345 kV	345 kV MOAB X2	Bixby				109		Bixby- Marquis 345 kV
Bixby-Marquis 345 kV	Bixby Marquis			301W, 303W D, D1	109		Bixby 345/138 kV T2	345 kV MOAB Y	Marquis			D, D1			Bixby 345/138 kV T2
Muskingum-W Millersport #1 345 kV	W Millersport Muskingum			L, M1 SI, SH	B, C1		W Millersport 345/138 kV T1	345 kV MOAB W	W Millersport Muskingum			SI, SH			W Millersport 345/138 kV T1
Cook 765/345/34 kv T-4	Cook	A2, B2		K2, L, M2, N2		BC		765 kV MOAB U				K2, L, M2, N2	BC		765 kV Ring Bus
Cook 345/34 kv T-5	Cook			K1, L1, M1, N1		BE		345kv MOAB V					BE		345 kv Bus 1
Jackson Road 345/138 kv T-3	Jackson Road Cook Twin Branch				B1, C1		Cook-Jackson Rd 345 kV Twin Branch-Jackson Rd 345 kV	345kv MOAB X3	Jackson Road				B1, C1		Cook-Jackson Rd 345 kV Twin Branch-Jackson Rd 345 kV
Benton Harbor 345/138 kv T-1A/1B	Benton Harbor Cook Palisades				D1, E1		Cook-Benton Harbor 345 kV Benton Harbor-Palisades 345 kV	345kv MOAB X & V	Benton Harbor				D1, E1		Cook-Benton Harbor 345 kV Benton Harbor-Palisades 345 kV
Kenzie Creek 345/138 kv T-1	Kenzie Creek Cook Twin Branch				F, F1		Cook-Kenzie Creek 345 kV Kenzie Creek-Twin Branch 345 kV	345kv MOAB X1	Kenzie Creek				F, F1		Cook-Kenzie Creek 345 kV Kenzie Creek-Twin Branch 345 kV
East Elkhart 345/138 kv T-2	East Elkhart Cook Hiple				F, G1		Cook-E. Elkhart 345 kV E. Elkhart-Hiple 345 kV	345kv MOAB X2	East Elkhart				F, G1		Cook-E. Elkhart 345 kV E. Elkhart-Hiple 345 kV
Twin Branch 345/138 kv T-6	Twin Branch			J2, K2, L2	A, A2		Argenta-Twin Branch 345kv Ckt Meridian-Twin Branch 345kv Ckt	345kv MOAB Y	Twin Branch				A, A2		Argenta-Twin Branch 345kv Ckt Meridian-Twin Branch 345kv Ckt
Jefferson 765/345 kv T-1	Jefferson Clifty	A2, B			R, S			765kv MOAB X1	Jefferson Clifty			R, S			765 kV Ring Bus
Robison Park 345/138 kv T-5	Robison Park R P Mone			LM, K1 B, B2	C1, C2		Robison Park-R P Mone 345kv Ckt	345kv MOAB TT	Robison Park R P Mone				C1, C2		Robison Park-R P Mone 345kv Ckt
Robison Park-RP Mone 345kv	Robison Park R P Mone			LM, K1 B, B2			Robison Park 345/138 kV	345 kV MOAB SS	Robison Park R P Mone			LM B, B2			Robison Park 345/138 kV
Tanners Creek 345/138 kv T-A/B	Tanners Creek			P2, Q2, R2, S2, T2	J, K		Miami Fort-Tanners Creek 345kv Ckt	345 kV MOAB VV	Tanners Creek				J, K		Miami Fort-Tanners Creek 345kv Ckt
Fall Creek 345/138 kv T-1	Fall Creek Noblesville			L 19	C, C1		Noblesville-Fall Creek	345kv MOAB X	Fall Creek				C, C1		Noblesville-Fall Creek 345kv Ckt
Fall Creek-Noblesville 345 kV	Fall Creek			L	C, C1		Fall Creek 345/138 kV T-1	345 kV MOAB W	Fall Creek						Fall Creek 345/138 kV T-1

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	Noblesville			19											
Desoto 345/138 kv T-1	Desoto			A2, C2	L, L1			345kv MOAB X1 and 138kv MOAB X2	Desoto						345 kV Ring Bus & 138 kV Breaker Bay
East Lima 345/138 kv T-2A-2B	East Lima			M, M1	B, B1			345 kv MOAB Y	East Lima			B, B1			345kV Ring Bus
Sorenson 345/138 kv T-1	Sorenson			D1, B1	O, O2			345 kv MOAB Y	Sorenson			O, O2			345 kV Ring Bus
Sorenson 345/138 kv T-2	Sorenson			B2, D2,E2	N, N2			345 kv MOAB W	Sorenson			N, N2			345 kV Ring Bus
South Berwick 345/69 kv T-1	South Berwick					69kv A	Fostoria-S. Berwick 345 kV	345kv MOAB X1	South Berwick				69kv CB A	Fostoria-S. Berwick 345 kV	
	Fostoria Central			A, A2			S. Berwick-Galion 345 kV							S. Berwick-Galion 345 kV	
	Galion			B-63, B-159											
Olive 345/138 kv T-2	Olive			B1, D1, E1	N1, Q1, R1			345kv MOAB W	Olive			N1, Q1, R1			345kV Bus 1
Greentown 765/138 kv T-1	Greentown	S1, T1			C2, D2, E2			765 kv MOAB X1	Greentown			C2, D2, E2			765 kV Ring Bus
Greentown 765/138 kv T-2	Greentown	S2, T2			C, C1	230 kv-21-B2, 230-22-B2		765 kv MOAB X2	Greentown			C, C1	230 kv-21-B2, 230-22-B2		765 kV Ring Bus
Rockport 765/138/34 kv T-3	Rockport	A, B2, C2, TB8			701	P		765kv MOAB X3	Rockport			701	P		765 kV Ring Bus
Cook-East Elkhart 345kv	Cook			L, L1			E. Elhart-Hiple 345 kV		Cook			L, L1			E. Elhart-Hiple 345 kV
	East Elkhart				F, G1		E. Elkhart 345/138 kV	345kv MOAB W							E. Elkhart 345/138 kV
	Hiple			25-26											
East Elkhart-Hiple 345kv	Cook			L, L1			Cook-E. Elhart 345 kV								Cook-E. Elhart 345 kV
	East Elkhart				F, G1		E. Elkhart 345/138 kV	345kv MOAB Y							E. Elkhart 345/138 kV
	Hiple			25-26								25-26			
Benton Harbor-Cook 345kv	Cook			N, N1			Benton Harbor-Palisades 345 kV	345kv MOAB W	Cook			N, N1			Benton Harbor-Palisades 345 kV
	Palisades			25H9, 25R8			Benton Harbor 345/138 kV								Benton Harbor 345/138 kV
	Benton Harbor				D1, E1										
Benton Harbor-Palisades 345kv	Cook			N, N1			Cook-Benton Harbor 345 kV	345kv MOAB Y							Cook-Benton Harbor 345 kV
	Palisades			25H9, 25R8			Benton Harbor 345/138 kV								Benton Harbor 345/138 kV
	Benton Harbor				D1, E1							25H9, 25R8			
Cook-Kenzie Creek 345kv	Cook			K, K2			Kenzie Creek-Twin Branch 345 kV	345 kv MOAB W	Cook			K, K2			Kenzie Creek-Twin Branch 345 kV
	Kenzie Creek				F, F1		Kenzie Creek 345/138 kV								Kenzie Creek 345/138 kV
	Twin Branch			L2, LM											
Kenzie Creek-Twin Branch	Cook			K, K2			Cook-Kenzie Creek 345 kV	345 kv MOAB Y							Cook-Kenzie Creek 345 kV
	Kenzie Creek				F, F1		Kenzie Creek 345/138 kV								Kenzie Creek 345/138 kV
	Twin Branch			L2, LM								L2, LM			
Cook-Jackson Road 345kv	Cook			M, M1			Jackson Rd-Twin Branch 345 kv	345 kv MOAB Y3	Cook			M, M1			Jackson Rd-Twin Branch 345 kv
	Jackson Road				B1, C1		Jackson Rd 345/138 kV								Jacksons Rd 345/138 kV
	Twin Branch			J1, JM											
Jackson Road-Twin Branch 345kv	Cook			M, M1			Cook-Jackson Rd 345 kV	345 kv MOAB W3				J1, JM			Cook-Jackson Rd 345 kV
	Jackson Road				B1, C1		Jackson Rd 345/138 kV								Jackson Rd 345/138 kV
	Twin Branch			J1, JM								J1, JM			
Fostoria Central-South Berwick 345kv	Fostoria Central			A, A2			S. Berwick-Galion 345 kV	345 kv MOAB W	Fostoria Central			A, A2			S. Berwick-Galion 345 kV
	South Berwick					69 kV A	S. Berwick 345/69 kV								S. Berwick 345/69 kV
	Galion			B-159, B-63											
Galion-South Berwick 345kv	Fostoria Central			A, A2			Fostoria-S. Berwick 345 kV	345 kv MOAB Y							Fostoria-S. Berwick 345 kV
	South Berwick					69 kV A	S. Berwick 345/69 kV								S. Berwick 345/69 kV
	Galion			B-159, B-63								B-159, B-63			
Cloverdale 765/345 kv T-10	Cloverdale	AA1, AA2		P, P2			Cloverdale-Jacksons Ferry 765 kV	765 kv MOAB T	Cloverdale			P, P2			Cloverdale-Jacksons Ferry 765 kV
							Cloverdale-Joshua Falls 765 kV								Cloverdale-Joshua Falls 765 kV
N. Proctorville 765/138 kv T-1	Amos	U, U2					Amos-N. Proctorville 765 kV		N. Proctorville			B, B1			Amos-N. Proctorville 765 kV
	Hanging Rock	C1, C2					Hanging Rock-N. Proctorville 765 kV	765 kv MOAB X							Hanging Rock-N. Proctorville 765 kV
	N. Proctorville				B, B1										
Matt Funk 345/138 kv T-1	Matt Funk			B2	K, K2		Kanawha - Matt Funk 345 kV	345 kv MOAB X							Kanawha - Matt Funk 345 kV
	Kanawha River			Q, Q2			Cloverdale - Matt Funk 345 kV								Cloverdale - Matt Funk 345 kV
Kanawha River-Matt Funk 345 kv	Kanawha River			Q, Q2			Matt Funk 345/138 kv T-1	345 kv MOAB Y	Kanawha River			Q, Q2			Matt Funk 345/138 kv T-1
	Matt Funk			B2											
Tri State 345/138 kv T-1	Tri State			H	C, C1		Kyger Creek - Tri State 345 kV	345 kv MOAB X1	Tri State				C, C1		Kyger Creek - Tri State 345 kV
	Kyger Creek			A, B											
Tri State 345/138 kv T-2	Tri State			H	F2, F		Baker - Tri State 345 kV	345 kv MOAB X2	Tri State				F2, F		Baker - Tri State 345 kV
	Baker			J, J2											
Tri State 345/138 kv T-3	Tri State			H	E		Baker - Tri State 345 kV	345 kv MOAB X3	Tri State				E		Baker - Tri State 345 kV
	Baker			J, J2											
Kyger-Tri State 345 kv	Kyger			A, B			Tri State 345/138 kv T-1		Kyger			A, B			Tri State 345/138 kv T-1
	Tri State			H	C, C1			345 kv MOAB W							
Sporn 345/138 kv T-3	Sporn			CC1, DD	E, E3, D, D2		Sporn 345/138 kv Transformer T-B	345 kv MOAB X3	Sporn				E, E3		Sporn 345/138 kv T-B
Sporn 345/138 kv T-B	Sporn			CC1, DD	E, E3, D, D2		Sporn 345/138 kv Transformer T-3	345 kv MOAB AA1	Sporn				D, D2		Sporn 345/138 kv T-3
Sporn 345/138 kv T-4	Sporn			AA2, CC2, DD2	B, B4		Sporn-Kyger 345 kV	345 kv MOAB SA	Sporn				B, B4		Sporn-Kyger 345 kV
Kanawha 345/138 kv T-B	Kanawha			Q1, Q2	L, M		Kanawha - Sporn 345 kV	345 kv MOAB XX	Kanawha				L, M		Kanawha - Sporn 345 kV
	Sporn			DD, DD2											
Kanawha-Sporn Line 345 kv	Kanawha			Q1, Q2	L,M		Kanawha 345/138 kv T-B	345 kv MOAB WW	Sporn			DD, DD2			Kanawha 345/138 kv T-B
	Sporn			DD, DD2											
Wyoming 765/138 kv T-1	Wyoming	R, N			J, J2, G, G1		Wyoming 765/138 kv T-2	765 kv MOAB X1	Wyoming			J, J2			Wyoming 765/138 kv T-2

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Wyoming 765/138 kV T-2	Wyoming	R, N			J, J2, G, G1		Wyoming 765/138 kV T-1	765 kV MOAB X2	Wyoming			G, G1			Wyoming 765/138 kV T-1
Baker 345/138 kV T-2	Baker			J2, H2, G2		Baker 345k V Bus 2	345 kV MOAB X200	Big Sandy					D, D2	Baker 345k V Bus 2	