Circuit Improvement Projects

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Addl Costs Req.	2007 CI Saved	2007 Costs	2007 Addl Costs Req.	2008 CI Saved	2008 Costs	2008 Addl Costs Req.
	SECTIONALIZE BACKBONE									
267	[redacted]					[redacted]		1209		
108								890		
124								1071		
910								75		
245								650		
150										
	misc. / estimate				504				200000	
	ANIMAL GUARDING									
127	[redacted]		6000		100					
267			12000		300					
108			14000		300					
						[redacted]		300	$ 30,000	
	SUB-TRANSMISSION PROJECTS									
	[redacted]		49000		1908					
								10	30000	
									20000	
	DISTRIBUTION AUTOMATION									
ESL	[redacted]							0	40000	
ESL								1162	40000	
BEL								3028	180000	
BEL								3877	180000	
BEL								2926	180000	
MTV								4546	180000	
MTV								112	180000	
SPA								1426	180000	
MTV								576	180000	
MTV								1003	180000	
MTV								394	180000	
MTV								3570	180000	
MTV								1876	180000	
MTV								625	180000	
BEL								1	100000	
	OVERHEAD PRIMARY REPLACEMENTS									
155	[redacted]	1467								
108						[redacted]		300		
271 / 291								597		[redacted]
245								650		
155						[redacted]				
155 / 159	Create [redacted] tie in Mt. Vernon - dom 026393									
138	[redacted]						61000	1874		
226								1584		
271						[redacted]		501		
147 / 148								10		
902 / 903								512		
	misc. / estimates							1700	60000	
									250000	
	LIGHTING PROJECTS									
ESTL	[redacted]									
AIP		250			250			250		
					250	[redacted]		250	$ 20,000	
	ADDITIONAL WORST PERFORMING CIRCUITS									
271	Wal[redacted] - New Hanover - R94271									
	[redacted]							507		
						[redacted]				
150	Centralia - K27150									
	[redacted]						40000	504		
						[redacted]				
140	Mt. Vernon - J14140									
	[redacted]							310		
						[redacted]				
815	Chester - K32815							100		
	[redacted]							340		
						[redacted]				
1[redacted]	Belleville - J86118									
	[redacted]						80000	385		
07-4	ESL French Village 307004									
	[redacted]						30000	200		
						108,182				
	2008 additional feeder work estimate					50,300				
										300000
TOTALS		1717	89,000	0	3412	806,544	221,000	38610	2,950,000	610,000

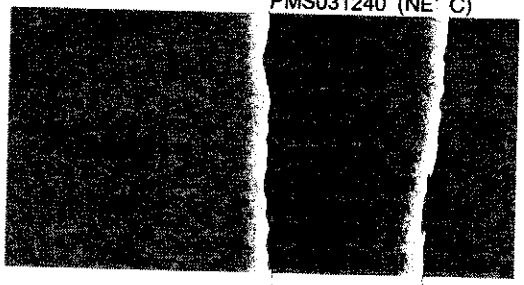
Tap Fusing

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
	Division VI AmerenIP had no Tap Fusing program in 2005.									
ESTL	Circuits were defined by RE group and worked	0	$ 163,427		8955	$ 220,011		6422	$ 220,000	
		800	$ 54,620		50	$ 176,606		100	$ 184,403	
P58-155	additional fusing on breakoffs in residential area					$ 15,000		250		
TOTALS		800	$ 218,047	0	9005	$ 411,617	0	6772	$ 404,403	0

Multiple Device Interruptions

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
	Multiple Device Interruptions	0	0		5550	100000		5550	100000	
TOTALS		0	0	0	5550	100000	$ -	5550	100000	$ -

ICC Worst Performing Circuits

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
	Division will assume a CI avoided of approximately 3000 for identified 2004 WPC's after performing corrective action in 2005	3000								
	2005 WPC' included:									
	Belleville - Q18256, Q95248, K94271, J84124, J83139, J98101, J88165, K15[illegible]05		22000		3196					
	Sparta - K32915		12000		500					
	Mt. Vernon - P58155, Q2718[illegible]		6000		1651					
	2006 WPC's include:									
	Belleville									
						27885.07		2956		
						34835.3				
						7064.27				
						7796.83				
						23109.7				
						2745.79				
						587.41				
	PMS031240 (NE[illegible]C)					32658.81				
						75820.65				
						18911.95				
						7513.86				
						28755.7				
						68508.83				
						4000				
						21000				
						6000				
						3000				
						12000				
	East St. Louis									
						27300		3461		
						9400				
						20100				
						32000				
						3800				
						17500				
						21100				
						8200				
						15700				
	2007 WPC's (estimated cost)								100000	
TOTALS		3000	40000	0	5347	537294.2	0	6417	100000	0

Customers Exceeding ICC Reliability Targets

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
	CET	0	0		0	128000		3000	130000	
	Divisioin VI has 64 circuits to review									
	Operations									
	[redacted]									
	ckt 138 (036176) Ins. Stingers and Animal Guards									
	[redacted]									
	ckt 166 (036180) Replace Pole									
	ckt 241 (036272) animal guard									
	[redacted]									
	Forestry									
	[redacted]									
	ESL									
	332-002 (038450) Fuse tap									
	332-003 (038451) Misc. items									
	337-001 (038452) misc. items									
TOTALS		0	0	0	0	128000	0	3000	130000	0

Circuit & Device Inspections

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
	Circuit and Device Inspections	870	$ 950,000		870	$1,136,927		870	$1,400,000	
TOTALS		870	$950,000	$0	870	$1,136,927	$0	870	$1,400,000	$0

Underground Cable Replacement

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
	Division VI had no allocated budget for underground replacements in 2005. However, we did perform a few replacements in areas experiencing multiple underground failures. We feel that we avoided approximately 300 CI in 2006 by these replacements.	300								
	2006 Underground replacements									
	Covered Bridge (4 spans = 1[illegible]00')		$ 45,000		$ 100					
	Countryside Dr, Ofallon (1 span = 250')		$ 10,000		$ 50					
	Lisa Ln, Smithton (2 spans = [illegible]50')		$ 35,000		$ 50					
	Salem Airport (1 span = 10[illegible]0')		$ 40,000		$ 50					
	Huntwood Ct. (1 span = 40[illegible]')		$ 16,000		$ 50					
	misc.		$ 20,441		$ 75					
	2007 Underground replacements									
	[redacted]					12800		25		
						57564		200		
						59500		250		
						97111		100		
						5000		100		
	Install 3 phase loop and replace failed 3 phase UG (Rose Ln, Mt.vernon) (03[illegible]91)					25000		200		
	[redacted]					80000		150		
	Replace failed UG cable; Dellwood and Prairie Ln., Sparta (033615)					15000		40		
	[redacted]					40000		50		
						35000		50		
						3500		1		
						7700			7700	
	2008 Underground replacements									
	[redacted]								200000	
								20	10500	
								50	10000	
									8000	
TOTALS		300	$166,441	$0	375	$438,175	$0	1236	$236,200	$0

Tree Trimming

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
	2007 and 2008 CI reduction of 550 due to prescriptive trim - 1 feeder outage.		80000		550	80,000		550	80000	
	2006 thru 2008 CI reduction due to change in cycle length and trimming entire feeder every cycle = 1000 CI	1,000	367000		1000	446,000		1000	446000	
	Back ground information: We discovered that in 2002 several feeders were not trimmed in their entirety in 2002. I believe this explains the spike in tree caused outages by device. The device or taps on these circuits would have 7 years tree growth on them in year 2005. We began trimming these circuits in late 2005 and thru the year in 2006. I believe this accounts for the reduction in CI for tree caused outages. We still have a few of these circuits to trim in the remainder of 2006. Overall this should reduce the average CI for device reclosure by 1000 CI going forward for years 2006 thru 2008									
TOTALS		1,000	$447,000	$0	1,550	$526,000	$0	1,550	$526,000	$0

Substation Upgrades

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
	2005									
	Install animal fence at Aviston Sub	2178								
	2006									
	Upgraded high side fuses at Seven Hills Sub to coordinate feeder protection		12000		3222					
	Install fence and animal guard circuits at Pleasant St.Sub in Centralia		10000		2583					
	Added high side LA's to Transformer #1 at 74th St. Sub		8000		1644					
	East Belleville transformer #4 animal guarding		6000		3625					
	High side fuses on transformer #3 at 8th St. Sub upgrade		7000		2483					
	Animal Guarding at Aviston Sub		10000		2178					
	Animal guard transformer #2 at Pontiac Sub		4000		2091					
	Animal guard circuit position 241 at Pontiac Sub		4000		2124					
	Animal guard circuit position 910 at South Red Bud Sub		4000		360					
	2007									
	[redacted]					2500		938		
						4000		938		
						5000		640		
						20595		1162		
						1000		2187		
						17888		1312		
						24788		2708		
						25980		6406		
						26276		938		
						26,000		5734		
						5,000				
						8,000				
						12,000				
						5,000				
						12,000				
	2008									
TOTALS		2178	65000	0	20310	196027	0	22963	0	0

2007 Reliability Action Plan Performance Report
DIVISION VII
12/6/2007

Division Responsibility										
	12	12	100.0%	12	7	58.3%			2,118	4,177
	59	59	100.0%	59	53	89.8%			575	1,693
	54	53	98.1%	9	7	77.8%			-	801
	2	2	100.0%	2	1	50.0%			975	-
	0	0	N/A	0	0	N/A			-	-
				9	9	100.0%			870	436
	589	531	90.2%	14	13	92.9%			-	-
				14	13	92.9%			3,136	1,219
EDTS Responsibility										
				292	348	119.2%			75	75
	9	9	100.0%	3	3	100.0%			-	-
	5	5	100.0%	5	5	100.0%			-	1,953
				809	641	79.2%			-	-
	34	0	0.0%						-	-
						Subtotal Division	$ -	$ -	7,674	8,326
						Subtotal EDTS	$ -	$ -	75	2,028
						Total	$ -	$ -	7,749	10,354
						Projected CI Avoided			7,749	10,354
						CI Required to Achieve Target			950	950
						Variation - Plan to Target			6,799	9,404
						Net CI Difference			11,026	20,430
						Division SAIFI Target			1.19	1.18

Division VII Reliability Action Plan thru 2008

Project	2006 CI est reduction	2006 current budget	2006 Budget increase needed to meet target	2007 CI est reduction	2007 current budget	2007 Budget increase needed to meet target	2008 CI est reduction	2008 current budget	2008 Budget increase needed to meet target
Circuit Improvement Projects	2118	$151,492	$0	2,118	$681,280	$0	4,177	$751,578	$0
Tap Fusing	38	$86,595	$0	575	$227,343	$0	1693	$23,558	$0
Multiple Device Interruptions	0	$0	$0	0	$10,040	$0	801	$27,071	$0
ICC Worst Performing Circuits	0			975	$ 310,000		0		
Customers Exceeding ICC Reliability Targets	0	$0	$0	0	$0	$0	0	$0	$0
Inspections & Repairs	967	$289,897	$500,000	870	$291,975	$0	436	$736,756	$0
UG Cable Replacement	2054	$106,805	$250,000	3136	$719,889	$0	1219	$268,549	$0
Tree Trimming	0	$0	$0	75	$0	$0	75	$0	$0
Substation Upgrades	0	$0	$0	0	$0	$150,000	1953	$0	$0
CI reduction savings	5,177	$634,789	$750,000	7,749	$2,240,527	$150,000	10,354	$1,807,512	$0
CI gap	950			950			950		
Division SAIFI Target	1.2(			1.19			1.18		

Circuit Improvement Projects

Circuit	Brief Project Deacription	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.	2009 CI Saved
	SECTIONALIZING BACKBONE	Division VII has no projects designed nor awaiting construction at this time.									
	ANIMAL GUARDING										
	SUB-TRANSMISSION PROJECTS										
S84-710	W.O. 15342	2118	$151,492		2118	$0.00		2118	$677,772		
	Expenditures for 2008 are spread as $296,943 in AmerenCIPS operating company plus $380,828 in AmerenIP operating company. Multi-year project includes, strengthening lattice towers, adding dampers, painting towers, providing emergency source and sectionalizing capability to eliminate maintenance outages. C.I. savings is estimated to be one less permanent outage each year for all Division VII customers on the feeder. This C.I. savings is totally attributable to the Muddy 69KV upgrade since inception in 2005.										
S01-726	W.O. 21743 Texas Eastern Pipeline 69KV (TEPPCO) (Project is under way)					$618,000.00		1			
	This project was the result of a thorough pole test in the Spring of 2007. Originally budgeted for 2008, it has been agreed to bring this project forward due to very positive budget results. This project scored well (S.A.C.F. & I.S.P.) even though the C.I. savings is 1, as this dedicated 69KV line serves a large pipeline station.										
	DISTRIBUTION AUTOMATION										
S06-263	Whittington Jct. Remote switch		$0		0	$26,000		307			
S48-273	East Herrin Remote switch				0	$26,000		1060			
T06-203	Thompsonville-Galatia Remote switch				0	$26,000		467			
	N.E.S.C. PROJECTS										
S09-520	Bush – RR Crossing upgrade (4sha249240; comp 6/11/07)					$1,320		0			
T23-527	Goreville – RR Crossing upgrade(4sha250312; comp 9/26/07)					$2,240		0			
T06-539	West Frankfort – RR Crossing upgrade(4sha250556)					$2,240		0			
S61-583	Marion – RR Crossing upgrade(4sha250937; comp 11/07/07)					$2,240		0			
S61-581	Marion – RR Crossing upgrade(4sha250938; comp 11/09/07)					$2,240		0			
	DISTRIBUTION CIRCUITS W/ S.A.I.F.I. > 2.0 (Lieberman Circuits)										
S21528	**CARRIER MILLS, SOUTH**										
	Tap Fusing(cost & C.I. savings included in tap fusing tab)										
	Mid-Cycle trimming completed January, 2007							0			
S92557	**NEW HAVEN OIL**										
	Mid-Cycle trimming planned for 2007							0			
S27598	**COBDEN, SOUTH**										
	Mid-Cycle trimming completed March, 2006							0			
	Maintenance trimming planned for 2007							0			
S47576	**HERRIN**										
	Replace six defective poles (D.O.J.M. 4sha250088; comp10/24/2007)					48,000		164			
	Mid-Cycle trimming completed July, 2006							0			
S16596	**CARBONDALE, WEST**										
	Completed maintenance trim in January, 2007							0			
S20555	**CARRIER MILLS**										
	Mid-Cycle trimming completed January, 2007							0			
S27599	**COBDEN, SOUTH**										
	Mid-Cycle trimming completed April, 2006							0			
	Maintenance trimming planned for 2007							0			
S86580	**MURPHYSBORO**										
	Install tap fuses (4sha248882) (Project complete)					17,000		42			
	Install animal guarding (4sha248997) (Project complete)					8,000		18			
	Maintenance trimming completed July, 2006							0			
S31532	**ELKVILLE**										
	Mid-Cycle trimming completed February, 2007							0			
S55535	**JONESBORO**										
	Completed maintenance trim in January, 2007							0			
	DISTRIBUTION AUTOMATION										
S11-253	Carbondale, Northwest								$36,903		596
S48-272	Herrin, East								$36,903		564
	OVERHEAD PRIMARY REPLACEMENTS	Division VII has no projects designed nor awaiting construction at this time.									
	LIGHTNING PROJECTS	Division VII has no projects designed nor awaiting construction at this time.									
TOTALS		2118	$151,492	$0	2118	$681,280	$0	4177	$751,578	$0	1160

Tap Fusing & Circuit Coordination

Circuit	Brief Project Description	2006 Cl Saved	2006 Costs	2006 Add'l Costs Req.	2007 Cl Saved	2007 Costs	2007 Add'l Costs Req.	2008 Cl Saved	2008 Costs	2008 Add'l Costs Req.
T06-503	Fuse un-fused taps	22								
T08-501	Fuse un-fused taps	16								
S09-520	Fuse un-fused taps				158					
S47-537	Fuse un-fused taps				123					
S22-594	Fuse un-fused taps				59					
S03-529	Fuse un-fused taps				20					
T06-504	Fuse un-fused taps				29					
S07-535	Fuse un-fused taps				1					
S14-509	Fuse un-fused taps				75					
S86-594	Fuse un-fused taps				42					
T22-507	Fuse un-fused taps				26					
T22-508	Fuse un-fused taps				42					
	2007 CIRCUITS									
ANNA	13 Circuits, 58 un-fused taps							360		
BENTON	12 Circuits, 75 un-fused taps							325		
C'DALE	10 Circuits, 53 un-fused taps							311		
H'BURG	8 Circuits, 59 un-fused taps							301		
MARION	15 Circuits, 62 un-fused taps (completed 9/27/2007)							289		
MTV	1 Circuit, 18 un-fused taps							107		
TOTALS		38	$86,595	0	575	$227,343	0	1693	$23,558	

Mu[illegible]le Device Interruptions

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
S64-501	Re-sized fuses. July, 2007					500		2		
S64-501	Replaced b.o. arrester. June, 2007					250		2		
S62-522	Replace six cable sections of URD cable. C.I. savings and costs included under URD replacements tab. August, 2007					0		0		
S88-583	Replaced box cutouts. August, 2007					750		41		
S88-583	Re-sized fuses. September, 2007					500		41		
M09-175	Replace crossarm, insulators, fused disconnect. Repair grounds. September, 2007.					1300		545		
T06-503 Sep-07	Replace five cable sections in 3-phase looped commercial development. C.I. savings and costs included under URD replacements tab.					0		0		
M09-143	Install additional lightning protection, animal guarding, revise fusing scheme. November,2007					2100		44		
M09-144	Replace pole & crossarm, install add'l fusing, lightning protection, & animal guards. Improve guying and clearance. November, 2007					5390		130		
TOTALS		0	0	0	0	10040	0	801	27071	0

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
	ICC WORST PERFORMING CIRCUITS									
T11-508	73.5 crew hours of small projects in Cypress C.I. savings of 178 represents the prevention of one permanent feeder outage (3 occurred during 2005, making this a W.P.C.) 4sha246930: Guying 4sha246931: Fusing 4sha246932: Gen. clean-up, i.e., guy guards, etc. 4sha246933: b.o. poles 4sha246935: b.o. pole 4sha246936: b.o. crossarms	0	$3,352	$0	178					
T03-503	**WEST FRANKFORT / PERSHING**									
	April, 2006 Major Storm recovery (4sha244698)			252,000	0					
	Replace b.o. ug at shopping cntr (4sha247294)			23,400	14					
	Aug., 2006 Minor Storm recovery (4sha246308)			45,600	167					
S34-527	**GALE** (Project is under way) Replace 18 poles, two double-arms, roll conductor for mid-span clearance, additional fusing. Specific work order 21616; D.O.J.M. 4sha248847				616	310,000				
Total		0			975	$ 310,000		0		

Cust Exceeding ICC Reliability Targets 3 consecutive years

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
TOTALS		0	0	0	0	0	0	0	0	0

Division VII has no customers meeting this criteria at this time.

Inspections & Repairs

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
S01-722	W.O. 15452 Pole replacements in Anna to Ohio River	967								
S35-717 S28-226 T06-203 S84-211 S10-281	65 P1 and P2 pole replacements on five different sub-transmission circuits.		$289,897	$500,000	870					
Div. VII	Carrier Mills, Benton 34kv line#312 On-going circuit inspections F.O.D.R. Reports Utilimap is scheduled to groundline inspect 34 circuits in 2007, beginning 11/12/07.					$291,975		436		
Div. VII	Unknown locations, On-going circuit inspections, F.O.D.R. Reports								736,756	
TOTALS		967	$289,897	$500,000	870	$291,975	$0	436	$736,756	$0

Underground Cable Replacement

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
S10-282	W.O. 17267 Replace buried 34KV cable to U-Mall Sub. C.I. savings equates to 3 permanent outages avoided.	2054								
S19-551 T22-507 S66-593 S62-523 T06-503	C.I. savings attributable to six projects to be completed on these five circuits. Sub exit in C'dale, housing dev. In C'dale, shopping center in W.F., shopping center in Marion, Ind. Park in Marion, back-bone feeder section in Marion.		$106,805	$250,000	3114					
S66-593	Marion Plaza Shopping center in Marion (complete)				22	49802		22		
S66-594	Substation feeder exit at West Marion Substation (complete)					18497		290		
S66-593	Town & Country Shopping Center in Marion (complete)					92611		28		
T06-503	West Frankfort - Agree S.S. (4sha250[illegible]08; complete)					69667		11		
S62-522	Carriage Hills Subdiv. Marion (W.O. [illegible]654; completed 8/20/07)					25496		132		
	Murphysboro -- Sandra Court (4sha2[illegible]9784; complete)					28833		322		
	Grand Tower -- Scatters Road (4sha[illegible]49793, complete)					9329		118		
	Murphysboro -- Suburban Drive (4s[illegible]a249814; complete)					15106		216		
S61-529	Marion -- Shawnee Apartments (4s[illegible]a250081; complete)					6492		53		
T16-527	Herrin -- Three-phase ug to Animal Hospital (4sha250086; complete)					6550		2		
S64-502	Marion -- Kay-Lou Trailer Court (4sha250598; comp 11/20/07)					21,485		17		
S10-283	Carbondale -- 34 KV to S.I.U. (4sha250721/W.O.22901; in progress)					344,275		1		
	Energy -- Replace 1 ph ug pri to church (4sha251022; complete 11/15/2007)					18,500		1		
	Harrisburg -- Red Cedar @ Ozark (4sha249854)					13246		6		
S64-502	Marion -- New Rte 13 East (4[illegible]a251097)								34,820	
S09-521	Backbone 500 KCM Al circuit[illegible]e in Cambria (2008)								76276	
	Remaining projects for 2008 not yet finalized								157453	
TOTALS		2054	$106,805	$250,000	3136	$719,889	$0	1219	$268,549	$0

Tree Trimming

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
TOTALS		0	$0	$0	75	$0	$0	75	$0	$0

Substation Upgrades

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
S60-581	Makanda, North -- Add animal protection fencing						43000	839		
S75-505	McClure -- Add animal protection fencing						37000	213		
S34-527,528	Gale -- Add animal protection fencing						26000	546		
S95-570,571	Norris City, Northeast -- Add animal protection fencing						27000	155		
?	Shawneetown (A-IP) -- Add animal protection fencing						17000	200		
TOTALS		0	$0	$0	0	$0	$150,000	1953	$0	$0

Div sion VII Reliability Action Plan thru 2008

Project	2006 CI est reduction	2006 current budget	2006 Budget increase needed to meet target	2007 CI est reduction	2007 current budget	2007 Budget increase needed to meet target	2008 CI est reduction	2008 current budget	2008 Budget increase needed to meet target
Circuit Improvement Projects	2118	$151,492	$0	2,118	$681,280	$0	4,177	$751,578	$0
Tap Fusing	38	$86,595	$0	575	$227,343	$0	1693	$23,558	$0
Multiple Device Interruptions	0	$0	$0	0	$10,040	$0	801	$27,071	$0
ICC Worst Performing Circuits	0			975	$ 310,000		0		
Customers Exceeding ICC Reliability Target	0	$0	$0	0	$0	$0	0	$0	$0
Inspections & Repairs	967	$289,897	$500,000	870	$291,975	$0	436	$736,756	$0
UG Cable Replacement	2054	$106,805	$250,000	3136	$719,889	$0	1219	$268,549	$0
Tree Trimming	0	$0	$0	75	$0	$0	75	$0	$0
Substation Upgrades	0	$0	$0	0	$0	$150,000	1953	$0	$0
CI reduction savings	5,177	$634,789	$750,000	7,749	$2,240,527	$150,000	10,354	$1,807,512	$0
CI gap	950			950			950		
Division SAIFI Target	1.20			1.19			1.18		

Circuit Improvement Projects

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.	2009 CI Saved
	SECTIONALIZING BACKBONE	Division VII has no projects designed nor awaiting construction at this time.									
	ANIMAL GUARDING										
	SUB-TRANSMISSION PROJECTS										
S84-710	W.O. 15342	2118	$151,492		2118	$0.00		2118	$677,772		
	Expenditures for 2008 are spread as $296,943 in AmerenCIPS operating company plus $380,828 in AmerenIP operating company. Multi-year project includes, strengthening lattice towers, adding dampers, painting towers, providing emergency source and sectionalizing capability to eliminate maintenance outages. C.I. savings is estimated to be one less permanent outage each year for all Division VII customers on the feeder. This C.I. savings is totally attributable to the Muddy 69KV upgrade since inception in 2005.										
S01-726	W.O. 21743 Texas Eastern Pipeline 69KV (TEPPCO) (Project is under way)					$518,000.00		1			
	This project was the result of a thorough pole test in the Spring of 2007. Originally budgeted for 2008, it has been agreed to bring this project forward due to very positive budget results. This project scored well (S.A.C.F. & I.S.P.) even though the C.I. savings is 1, as this dedicated 69KV line serves a large pipeline station.										
	DISTRIBUTION AUTOMATION										
S06-263	Whittington Jct. Remote switch		$0		0	$26,000		307			
S48-273	East Herrin Remote switch				0	$26,000		1060			
T06-203	Thompsonville-Galatia Remote switch				0	$26,000		467			
	N.E.S.C. PROJECTS										
S09-520	Bush – RR Crossing upgrade (4sha249240; comp 6/11/07)					$1,320		0			
T23-527	Goreville – RR Crossing upgrade(4sha250312; comp 9/26/07)					$2,240		0			
T06-539	West Frankfort – RR Crossing upgrade(4sha250656)					$2,240		0			
S61-583	Marion – RR Crossing upgrade(4sha250937; comp 11/07/07)					$2,240		0			
S61-581	Marion – RR Crossing upgrade(4sha250938; comp 11/09/07)					$2,240		0			
	DISTRIBUTION CIRCUITS W/ S.A.I.F.I. > 2.0 (Lieberman Circuits)										
S21526	**CARRIER MILLS, SOUTH**										
	Tap Fusing(cost & C.I. savings included in tap fusing tab)										
	Mid-Cycle trimming completed January, 2007							0			
S92557	**NEW HAVEN OIL**										
	Mid-Cycle trimming planned for 2007							0			
S27598	**COBDEN, SOUTH**										
	Mid-Cycle trimming completed March, 2006							0			
	Maintenance trimming planned for 2007							0			
S47576	**HERRIN**										
	Replace six defective poles (D.O.J.M. 4sha250068; comp10/24/2007)					48,000		164			
	Mid-Cycle trimming completed July, 2006							0			
S16596	**CARBONDALE, WEST**										
	Completed maintenance trim in January, 2007							0			
S20555	**CARRIER MILLS**										
	Mid-Cycle trimming completed January, 2007							0			
S27599	**COBDEN, SOUTH**										
	Mid-Cycle trimming completed April, 2006							0			
	Maintenance trimming planned for 2007							0			
S86580	**MURPHYSBORO**										
	Install tap fuses (4sha248882) (Project complete)					17,000		42			
	Install animal guarding (4sha248997) (Project complete)					8,000		18			
	Maintenance trimming completed July, 2006							0			
S31532	**ELKVILLE**										
	Mid-Cycle trimming completed February, 2007							0			
S55536	**JONESBORO**										
	Completed maintenance trim in January, 2007							0			
	DISTRIBUTION AUTOMATION										
S11-253	Carbondale, Northwest								$36,903		596
S48-272	Herrin, East								$36,903		564
	OVERHEAD PRIMARY REPLACEMENTS	Division VII has no projects designed nor awaiting construction at this time.									
	LIGHTNING PROJECTS	Division VII has no projects designed nor awaiting construction at this time.									
TOTALS		2118	$151,492	$0	2118	$661,280	$0	4177	$751,578	$0	1160

Tap Fusing & Circuit Coordination

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
T06-503	Fuse un-fused taps	22								
T08-501	Fuse un-fused taps	16								
S09-520	Fuse un-fused taps				158					
S47-537	Fuse un-fused taps				123					
S22-594	Fuse un-fused taps				59					
S03-529	Fuse un-fused taps				20					
T06-504	Fuse un-fused taps				29					
S07-535	Fuse un-fused taps				1					
S14-509	Fuse un-fused taps				75					
S86-594	Fuse un-fused taps				42					
T22-507	Fuse un-fused taps				26					
T22-508	Fuse un-fused taps				42					
	2007 CIRCUITS									
ANNA	13 Circuits, 58 un-fused taps							360		
BENTON	12 Circuits, 75 un-fused taps							325		
C'DALE	10 Circuits, 53 un-fused taps							311		
H'BURG	8 Circuits, 59 un-fused taps							301		
MARION	15 Circuits, 62 un-fused taps (completed 9/27/2007)							289		
MTV	1 Circuit, 18 un-fused taps							107		
TOTALS		38	$86,595	0	575	$227,343	0	1693	$23,558	

Multiple Device Interruptions

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
S64-501	Re-sized fuses. July, 2007					500		2		
S64-501	Replaced b.o. arrester. June, 2007					250		2		
S62-522	Replace six cable sections of URD cable. C.I. savings and costs included under URD replacements tab. August, 2007					0		0		
S88-583	Replaced box cutouts. August, 2007					750		41		
S88-583	Re-sized fuses. September, 2007					500		41		
M09-175	Replace crossarm, insulators, fused disconnect. Repair grounds. September, 2007.					1300		545		
T06-503 Sep-07	Replace five cable sections in 3-phase looped commercial development. C.I. savings and costs included under URD replacements tab.					0		0		
M09-143	Install additional lightning protection, animal guarding, revise fusing scheme. November,2007					2100		44		
M09-144	Replace pole & crossarm, install add'l fusing, lightning protection, & animal guards. Improve guying and clearance. November, 2007					5390		130		
TOTALS		0	0	0	0	10040	0	801	27071	0

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
	ICC WORST PERFORMING CIRCUITS									
T11-508	73.5 crew hours of small projects in Cypress C.I. savings of 178 represents the prevention of one permanent feeder outage (3 occurred during 2005, making this a W.P.C. 4sha246930: Guying 4sha246931: Fusing 4sha246932: Gen. clean-up, i.e., guy guards, etc 4sha246933: b.o. poles 4sha246935: b.o. pole 4sha246936: b.o. crossarms	0	$3,352	$0	178					
T03-503	**WEST FRANKFORT / PERSHING**									
	April, 2006 Major Storm recovery (4sha244698)			252,000	0					
	Replace b.o. ug at shopping cntr (4sha247294)			23,400	14					
	Aug., 2006 Minor Storm recovery (4sha246308)			45,600	167					
S34-527	**GALE** (Project is under way) Replace 18 poles, two double-arms, roll conductor for mid-span clearance, additional fusing. Specific work order 21616; D.O.J.M. 4sha248847				616	310,000				
Total		0			975	$ 310,000		0		

Cust Exceeding ICC Reliability Targets 3 consecutive years

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
TOTALS		0	0	0	0	0	0	0	0	0

Division VII has no customers meeting this criteria at this time.

Inspections & Repairs

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
S01-722	W.O. 15452 Pole replacements in Anna to Ohio River	967								
S35-717 S28-226 T06-203 S84-211 S10-281	65 P1 and P2 pole replacements on five different sub-transmission circuits.		$289,897	$500,000	870					
Div. VII	Carrier Mills, Benton 34kv line#312 On-going circuit inspections F.O.D.R. Reports Utilimap is scheduled to groundline inspect 34 circuits in 2007, beginning 11/12/07.					$291,975		436		
Div. VII	Unknown locations, On-going circuit inspections, F.O.D.R. Reports								736,756	
TOTALS		967	$289,897	$500,000	870	$291,975	$0	436	$736,756	$0

Underground Cable Replacement

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
S10-282	W.O. 17267 Replace buried 34KV cable to U-Mall Sub. C.I. savings equates to 3 permanent outages avoided.	2054								
S19-551 T22-507 S66-593 S62-523 T06-503	C.I. savings attributable to six projects to be completed on these five circuits. Sub exit in C'dale, housing dev. In C'dale, shopping center in W.F., shopping center in Marion, Ind. Park in Marion, back-bone feeder section in Marion.		$106,805	$250,000	3114					
S66-593	Marion Plaza Shopping center in Marion (complete)				22	49802		22		
S66-594	Substation feeder exit at West Marion Substation (complete)					18497		290		
S66-593	Town & Country Shopping Center in Marion (complete)					92611		28		
T06-503	West Frankfort - Agree S.S. (4sha250208; complete)					69667		11		
S62-522	Carriage Hills Subdiv. Marion (W.O. 22654; completed 8/2 /07)					25496		132		
	Murphysboro -- Sandra Court (4sha249784; complete)					28833		322		
	Grand Tower -- Scatters Road (4sha249793, complete)					9329		118		
	Murphysboro -- Suburban Drive (4sha249814; complete)					15106		216		
S61-529	Marion -- Shawnee Apartments (4sha250081; complete					6492		53		
T16-527	Herrin -- Three-phase ug to Animal Hospital (4sha250 36; complete)					6550		2		
S64-502	Marion -- Kay-Lou Trailer Court (4sha250598; comp 1 /20/07)					21,485		17		
S10-283	Carbondale -- 34 KV to S.I.U. (4sha250721/W.O.229 1; in progress)					344,275		1		
	Energy -- Replace 1 ph ug pri to church (4sha25102 complete 11/15/2007)					18,500		1		
	Harrisburg -- Red Cedar @ Ozark (4sha249854)					13246		6		
S64-502	Marion -- New Rte 13 East (4sha251097)								34,820	
S09-521	Backbone 500 KCM Al circuit tie in Cambria (2008								76276	
	Remaining projects for 2008 not yet finalized								157453	
TOTALS		2054	$106,805	$250,000	3136	$719,889	$0	1219	$268,549	$0

Tree Trimming

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
TOTALS		0	$0	$0	75	$0	$0	75	$0	$0

Substation Upgrades

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
S60-581	Makanda, North -- Add animal protection fencing						43000	839		
S75-505	McClure -- Add animal protection fencing						37000	213		
S34-527,528	Gale -- Add animal protection fencing						26000	546		
S95-570,571	Norris City, Northeast -- Add animal protection fencing						27000	155		
?	Shawneetown (A-IP) -- Add animal protection fencing						17000	200		
TOTALS		0	$0	$0	0	$0	$150,000	1953	$0	$0

2007 Reliability Action Plan Performance Report

Ameren Illinois

Jan2007 - Dec2007

Division Responsibility										
	180	180	100.0%	161	154	95.7%			40,273	108,743
	606	606	100.0%	590	590	100.0%	#VALUE!	#VALUE!	33,010	31,270
	1,200	1,158	96.5%	191	191	100.0%			33,686	35,458
	75	75	100.0%	75	75	100.0%			17,455	11,843
	215	215	100.0%	148	148	100.0%			247	3,765
				317	317	100.0%	#VALUE!	#VALUE!	2,760	4,066
	11,256	11,083	98.5%	536	524	97.8%			-	-
				104	102	98.1%			8,602	7,813
EDTS Responsibility										
				8,279	8,849	106.9%			6,893	4,525
	114	114	100.0%	37	37	100.0%			-	-
	73	73	100.0%	100	98	98.0%			43,621	38,646
				8,854	8,322	94.0%			2,500	2,500
	706	705	99.9%						-	-
						Subtotal Division	#VALUE!	#VALUE!	127,431	195,145
						Subtotal EDTS	$ -	$ -	53,014	45,671
						Total	#VALUE!	#VALUE!	180,445	240,816
								Projected CI Avoided	180,445	240,816
								CI Required to Achieve Target	137,124	137,124
								Variation - Plan to Target	43,321	103,692
								Net CI Difference	16,854	120,545
								State SAIFI Target	1.10	1.00

2007 Reliability Action Plan Performance Report

Division I

1/11/2008

Division Responsibility										
	53	53	100.0%	35	33	94.3%			10,487	25,030
	98	98	100.0%	82	82	100.0%			4,638	6,984
	359	317	88.3%	18	18	100.0%			7,200	8,719
	2	2	100.0%	2	2	100.0%			6,627	1,500
	1	1	100.0%	1	1	100.0%			30	60
				0	0	0.0%			-	870
	2582	2573	99.7%	85	84	98.8%			-	-
				42	42	100.0%			3,000	3,000
EDTS Responsibility										
				1598	1764	110.4%			3,293	500
	16	16	100.0%	7	7	100.0%			-	-
	0	0	0.0%	33	33	100.0%			2,500	4,467
				1570	1525	97.1%			-	-
	109	109	100.0%						-	-
						Subtotal Division	$ -	$ -	31,982	46,163
						Subtotal EDTS	$ -	$ -	5,793	4,967
						Total	$ -	$ -	37,775	51,130
								Projected CI Avoided	37,775	51,130
								CI Required to Achieve Target	28,676	28,676
								Variation - Plan to Target	9,099	22,454
								Net CI Difference	1,593	24,046
								Division SAIFI Target	1.14	1.04

2007 Reliability Action Plan Cost Summary

	2007 Cost	2007 Budget	2008 Budget
Circuit Performance Improvement Projects	$678,000	$683,800	$384,000
Tap Fusing	$91,100	$91,100	$26,000
Multiple Device Interruptions	$48,000	$48,000	$48,000
ICC Worst Performing Circuits	$46,400	$46,400	$251,000
Customers Exceeding Reliability Targets	$181,300	$181,300	$10,000
Circuit Inspections & Repairs		$100,000	$100,000
Device Inspections & Repairs	$117,000	$117,000	$117,000
URD Cable Replacements	$829,300	$1,000,000	$1,000,000
Vegetation management - Tree Trimming			
Vegetation management - Multple Device Interuptions			
Substation Improvements	$7,500		
Substation maintenance			
S&RM - Circuit Inspections			
Totals	$1,998,600	$2,267,600	$1,936,000

Tap Fusing / Circuit Coordination

	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
IP									
Fuse taps on 62 circuits				4408	$40,600			$1,000	
CILCO									
Fuse taps on 36 circuits				230	$50,500		6984	$25,000	
	0	0	0	4638	$91,100	0	6984	$26,000	0

The highlighted cells are referenced on the front page. Do not change

2007 Operating Center	Circuits	Engineering completed	Engineer	Target Engineering completion date	Work requests in construction	Work requests completed
Eastern	19	1			18	18
Galesburg	25	2			22	22
Kewanee	15	1			13	13
LaSalle	22	2			17	17
Peoria	17	17			12	11
Total	98	98			82	82

Devices with multiple outages

Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
Weekly reports on devices with multiple (3 or more in the last 12 months) outages were reviewed for Division I which showed an average of 13 devices identified per week with an average CI in the last twelve months per device of 319.									
It was assumed that three device outage per month would be solved which would reduce the CI per device by 200. This would result in a yearly CI reduction of 7,200 with 3,600 the first year (2006).	3,600			7,200					
Reliability Engineering Calculation							8719		
					$48,000			$48,000	
	360	0	0	7200	$48,000	0	8719	$48,000	0

2007 Operating Center	Devices	Review completed	Engineer	Target engineering completion date	Work requests in construction	Work req. completed
Eastern	77	76	Randy Morgan			
Galesburg	8	73	Jon Reick			
Kewanee	21	2[illegible]	Jon Reick			
LaSalle	42	4[illegible]	Ken Eichorn			
Peoria	102	[illegible]	Joe Groesch			
Total	320	[illegible]6			0	0
Summary total	359	17				

Note that the automatic counting software does not count devices and reviews during the same time frames and consequently creates a discrepancy between operating center counts and the summary total counts.

Project No.	Substation Name	Circuit	Description	200	Cost	2007 Budget	Engineering status	Construction status	Prior Year CI	2006 CI savings	2007 CI savings	2008 CI savings	Total Feeder Outages from 1/1/04 thru 8/11/06	Average Annual Feeder Outages	Average CI per Feeder Outage	Potential CI Improvs
		Worst Circuits														
		Gales 205	Lightning			2006 project - completed in 2006			614	154						
		2006 Project	Animal						137	34						
			OH Equipment						228	57						
			Wind						237	59						
										0						
		Gales 135	Lightning			2006 project - completed in 2006			508	127						
		2006 Project	Animal						59	15						
			OH Equipment						166	42						
			Wind						362	91						
		Gales 129	Lightning			2006 project - completed in 2006			106		27					
		2006 Project	Animal						172		43					
			OH Equipment						383		96					
			Wind						20		5					
											0					
		LaSalle 281	Lightning			2006 project - completed in 2006			33		8					
		2006 Project	Animal						701		175					
			OH Equipment						134		34					
			Wind						0		0					
1	RADNOR	D69002	Underground main line connector failures	$	700	$22,700	engineering completed	construction completed 10/19/07	1240							
			__Connections replaced								1240					
			Old overhead line failures, trees, and lightning						3000							
			__Rebuild overhead main line along Alta Rd								1000	500				
			__Add multiple lightning arresters and tap fuses								500	500				
			2007 project - WR 9NOR044412													
2	BARTONVILLE	A17025	Vehicles taking down main lines	$2	700	$23,700	engineering completed	construction completed 10/26/07	3390							
			__ Add Recloser on Washington Street								2000					
			Overhead Line and Connections Failures						3100							
			__ Add arresters, animal guards, and replace old structure								1000					
			__ Infrared inspections and repairs of connectors								500	500				
			2007 project - WR 9NOR044798													
	Total CI Saved			$46,400		$46,4				578	6627	1500				

					Cust exceeding targets for 3 consecutive years							
Circuit	Brief Project Description	Engineering status	Construction status	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
	Tree trimming, add three new poles, add LA & CO to CSP transformers, add tap fusing. This will provide improvements for 30 customers exceeding targets for 3 consecutive years. Assume work comleted later part of 2007; spread CI savings over two years.						30	$181,300		60		
170	Oquawka circuit 170 1 work request has been written for this work WR IPNO019469	Engineering complete	Construction completed 12/7/07									
				0	0	0	30	$181,300	0	60	0	0

Cir	Description	2006 CI savings	2007 CI savings	2008 CI savings
	Savings from Reliability Engineering calculation		870	870
	2007 Circuit Inspections - Visual/Audit Utilimap is scheduled to inspect 11 CILCO circuits beginning 8/27			
	IP will be using Local 51 employees **LaSalle OC - 26 circuits planned from CDIS** All 26 completed as of 11/02/07			
	Galesburg OC - 30 circuits planned (27 from CDIS + 3 additional) 24 from CDIS completed as of 11/02/07 Remaining 3 to be done (M40-131&132, P47-123) were completed on 11/27/07 3 completed in addition to the CDIS list are L96-626 (L6626), P47-650 (L6650) & R85-680 (L6680)			
	Kewanee OC - 12 circuits planned (10 from CDIS + 2 additional) All 12 completed as of 8/31/07 2 completed in addition to the CDIS list are L97-355 (L3355) & P45-383 (L3383)			
	Utilimap is scheduled to GLI 30 circuits in Div I in 2007, beginning 7/25			
Totals		0	0	870

Underground Cable Replacement

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
	The premise of this action plan is that continued replacement of repeatedly failed cables will reduce future failures.									
	This affect is magnified through the concurrent replacement of adjoining (likely also bad) cable segments.									
	Recent replacement projects have focused efforts in major UG subdivisions and have significantly reduced large CI failures.									
	Progressively more remaining cable failures are single segments service single (or few) customers each.									
	Cable Failure Events and Customers Affected:									
	These numbers are from OAS – Focus reports.									
	In 2004 we reported 17,651 CI due to underground malfunctions thru 7/31. We also reported 27,013 CI due to underground malfunctions for the full year.									
	In 2005 we reported 14,762 CI due to underground malfunctions thru 7/31. We also reported 27,117 CI due to underground malfunctions for the full year.									
	In 2006 we reported 9,076 CI due to underground malfunctions thru 7/31.									
	A comparison of the 7/31 data over the last two years suggests that underground malfunctions have been reduced by 5,686 CI. Performing a linear extrapolation of this data suggests that we may realize an improvement of approximately 10,000 CI in 2006 due to reduced underground malfunctions, most of which are related to underground cable failures.									
	This is really too little data to confidently explain the results.									
	Since we had approximately 27,000 CI due to undergroung malfunctions in 2004 and 2005, and we are assuming that we can reduce this by approximately 10,000 CI in 2006 to a level of approximately 17,000 CI annually, the prospects for future reductions in CI are greatly diminished.	10000	#######							
	For planning purposes we feel that we may be able to reduce underground malfunctions due to cable failures by an additional 3,000 CI in 2007 and 3,000 CI in 2008.				3000	#######		3000	#######	
Totals		10000	1000000	0	3000	1000000	0	3000	1000000	0

2007 - Failed Cable Replacements
Division #1 Peoria & Environs

Project Ref Sub Name	FDR No	Last Overlay Mo.	Location Description	Remarks	Cable Footage	Sent to Engineering	OOJ#	Budget Estimate	Sent to Construction	Construction Completed
1 Allen	3	120734	[illegible] Hills Dr., Peoria	[illegible]	1700	Craig Prescott 3/28/07	C.Prescott WR-[illegible]	$21,[illegible]	4/9/2007	[illegible]
2 Allen	3	40997	[illegible] Avenue, Dunlap	[illegible]	2240	Craig Prescott 3/28/07	C.Prescott WR-[illegible]	$9,[illegible]	6/8/2007	10/1/2007
3 Allen	1	120479	[illegible] Avenue, Dunlap [illegible] Hickory Grove Rd [illegible] of the Woods	[illegible]	3000	Craig Prescott 3/28/07	C.Prescott WR-[illegible]	$[illegible]	10/9/2007	3/3/2007
4 Bartonville	21	110032	[illegible] Lincoln, Peoria Point	[illegible]	80	Craig Prescott 11/27/06	C.Prescott WR-[illegible]	$5,700	6/8/2007	7/30/2007
5 Bowers' Manor	2	[illegible]	[illegible] Lane, Washington	[illegible]	1000	Randy Morgan 3/28/07	WR-[illegible]	$4,[illegible]	6/13/2007	[illegible]
6 Gash	2	[illegible]	[illegible] Ave. Washington	[illegible]	600	Randy Morgan 3/28/07	WR-[illegible]	$13,700	6/13/2007	10/10/2007
7 Elm Grove	1	107[illegible]	[illegible] Park Dr., Pekin	[illegible]	900	Randy Morgan 11/27/06	WR-[illegible]	$8,[illegible]	3/27/2007	10/1/2007
8 Elm Grove	3	[illegible]	[illegible] Park Dr., Pekin	[illegible]	850	Randy Morgan 3/28/07	WR-[illegible]	$[illegible]	6/13/2007	10/13/2007
9 Elm Grove	4	[illegible]	[illegible] Park Dr., Pekin	[illegible]	600	Randy Morgan 3/28/07	WR-[illegible]	$12,[illegible]	6/13/2007	10/10/2007
10 Elm Grove	4	[illegible]	[illegible] Park Dr., Pekin	[illegible]	400	Randy Morgan 11/27/06	WR-[illegible]	$6,[illegible]	3/27/2007	10/9/2007
11 Fondulac	3	[illegible]	[illegible] Dr., [illegible] of [illegible] South.	[illegible]	1100	[illegible] 800 Comp/Over	Gregg Dunkel WR-[illegible]	$20,[illegible]	5/08 Corp-Over	6/18/2007
12 Holbrook	2	[illegible]	[illegible] Pine, Chillicothe	[illegible]	100	[illegible]	Steve Hanchet WR-[illegible]	$[illegible]	6/28/2007	11/01/2007
13 Reed	1	[illegible]	[illegible] Reed Dr. south of Pottstown	[illegible]	800	Craig Prescott 11/27/06	C.Prescott WR-[illegible]	$2,[illegible]	1/8/2007	6/28/2007
14 Hawk	1	[illegible]	[illegible] Sycamore Ln., Peoria	[illegible]	200	Craig Prescott 11/27/06	C.Prescott WR-[illegible]	$4,[illegible]	1/08/2007	[illegible]
15 Hawk	3	[illegible]	[illegible] Hills Road, [illegible] Tremont, North side [illegible] road mile, east of Old [illegible] Road, Peoria	North side of Forest Hill, east from north 100ft, then north to [illegible], then east to [illegible], and far west to [illegible], another moving from east half rd to [illegible]. 2006 11 07	3000	[illegible]	Rick Phillips WR-[illegible]	$79,700	2006 Carry-Over	[illegible]
16 Henry	3	[illegible]	[illegible] Lake T third drive [illegible]	[illegible]	1000	2011	Steve Hanchet WR-[illegible]	$40,[illegible]	6/28/2007	[illegible]
17 Henry	2	[illegible]	[illegible] Water Road, [illegible] Traditional Twp. [illegible]	[illegible]	200	Craig Prescott 11/27/06	C.Prescott WR-[illegible]	$4,[illegible]	6/8/2007	7/7/2007
18 Jollimore	1	[illegible]	[illegible] Center rd. [illegible] region [illegible]	[illegible]	3100	[illegible] 100k Carry Over	Gregg Dunkel [illegible]	$38,[illegible]	4/04/2007	7/10/2007
19 Junction	4	[illegible]	[illegible] South St. [illegible] Heights	[illegible]	300	Craig Prescott 11/27/06	C. Prescott WR-[illegible]	$4,[illegible]	1/10/2007	4/17/2007
20 Kesh	6	[illegible]	[illegible] Spring Lake Twp. [illegible]	[illegible]	200	M Dixon	M Dixon WR-[illegible]	$21,[illegible]		[illegible]
21 Logan	3	[illegible]	[illegible] E. Grandville Rd. [illegible] City	[illegible]	300	Craig Prescott 11/27/06	C.Prescott WR-[illegible]	$7,[illegible]	6/8/2007	[illegible]
22 Mackin	1	[illegible]	[illegible] Springfield Rd. Minier	[illegible]	1000	Randy Morgan 11/27/06	WR-[illegible]	$12,[illegible]	3/27/2007	[illegible]
Mahomet	2	[illegible]	[illegible] N Park Rd. Mahomet	[illegible]	[illegible]	Randy Morgan 11/27/06	[illegible]			Completed in 2006
23 Mahomet	3	[illegible]	[illegible] Bear Hills Rd. Mahomet	[illegible]	[illegible]	Randy Morgan 1/12/07	R. Morgan WR-[illegible]	$20,100	3/16/2007	7/06/2007
24 Mahomet	3	[illegible]	[illegible] Magnolia Peoria	[illegible]	400	Craig Prescott 11/28/06	C.Prescott WR-[illegible]	$8,[illegible]	4/8/2007	9/11/2007
25 Orsch	3	[illegible]	[illegible] Manor Ln. Mapleton	[illegible]	1000	Craig Prescott 11/28/06	WR [illegible]	$0		6/1/2007
26 Pioneer	0	[illegible]	[illegible] Pee Point Estes, Peoria	[illegible]	400	Craig Prescott 11/28/06	C.Prescott WR-[illegible]	$11,100	6/8/2007	3/31/2007
27 Pioneer	[illegible]	[illegible]	[illegible] Constitution Drive	[illegible]	300	Keith Lowry	K. Lowry WR-[illegible]	$12,500	3/14/2007	4/24/2007
28 Pioneer	2	[illegible]	[illegible] Country Club Alpine Drive	[illegible]	300	Keith Lowry	K. Lowry WR-[illegible]	$10,300	10/12/2006	3/06/2007
29 Pioneer	3	[illegible]	[illegible] Tower-Wisconsin [illegible] to Pioneer Pkwy, Peoria	[illegible]	300	Craig Prescott 11/27/06	C. Prescott WR-[illegible]	$13,000	4/8/2007	4/19/2007
30 [illegible]	0	[illegible]	[illegible] S-Zion Village Ct. Indianola	[illegible]	1200	Craig Prescott 11/27/06	C. Prescott WR-[illegible]	$23,500	1/8/2007	4/23/2007
31 [illegible]	3	[illegible]	[illegible] Methodist Church, [illegible] Star Road, Peoria	[illegible]	200	Craig Prescott 11/27/06	C. Prescott WR-[illegible]	$10,000	4/8/2007	4/30/2007
32 [illegible]	0	[illegible]	[illegible] Jacksonville Rd., Peoria	[illegible]	700	Craig Prescott 11/28/06	WR [illegible]			1/8/2007
[illegible] Sand Prairie	3	[illegible]	[illegible] Spring Lake Twp. [illegible]	[illegible]	2000	Randy Schott	Randy Schott WR-[illegible]	$62,500		4/9/2007
34 Sand Prairie	1	[illegible]	[illegible] Sandy Hill Rd. Green Valley	[illegible]	600	Randy Morgan 11/27/06	WR-[illegible]	$10,000	3/27/2007	[illegible]
[illegible] Springboro	4	[illegible]	[illegible] Upper Spring Bay Rd., Spring Bay	[illegible]	700	Randy Morgan 11/27/06	R. Morgan WR-[illegible]	$10,000	3/16/2007	6/16/2007
[illegible] Springboro	1	[illegible]	[illegible] Crossover Ave, Spring Bay	[illegible]	440	Randy Morgan 11/27/06	R. Morgan WR-[illegible]	$11,000	3/16/2007	3/31/2007
37 Springboro	4	[illegible]	[illegible] Upper Spring Bay Rd., Spring Bay	[illegible]	[illegible]	Randy Morgan 11/27/06	R. Morgan WR-[illegible]	$8,300	3/16/2007	6/14/2007
38 Springboro	3	[illegible]	[illegible] Bell St., Spring Bay	[illegible]	270	Randy Morgan [illegible]	R. Morgan WR-[illegible]		6/18/2007	8/13/2007
39 Southwood	3	[illegible]	[illegible] E. Maywood, Market	[illegible]	[illegible]	[illegible]	Gregg Dunkel [illegible]	$[illegible]	6/18/2007	7/17/2007
40 Tremont	4	[illegible]	[illegible] Antioch Rd., Tremont	[illegible]	[illegible]	Randy Morgan 11/27/06	WR-[illegible]	$14,000	3/27/2007	10/13/2007
41 Tremont	1	[illegible]	[illegible] E Washington St	[illegible]	300	Randy Morgan 11/27/06	WR-[illegible]	$7,[illegible]	3/27/2007	10/17/2007
42 Washburn	[illegible]	[illegible]	[illegible] N Low Point Rd. Washburn	[illegible]	200	Randy Morgan 11/27/06	R. Morgan WR-[illegible]	$9,100	3/14/2007	7/10/2007
Willow	3	[illegible]	[illegible] Stone Rd., Princeville	[illegible]	300	Craig Prescott 11/27/06		$0		Completed in 2006

Total Cable Footage = 32,290

Contract Budget Estimate - Total [illegible]

Tree Trimming

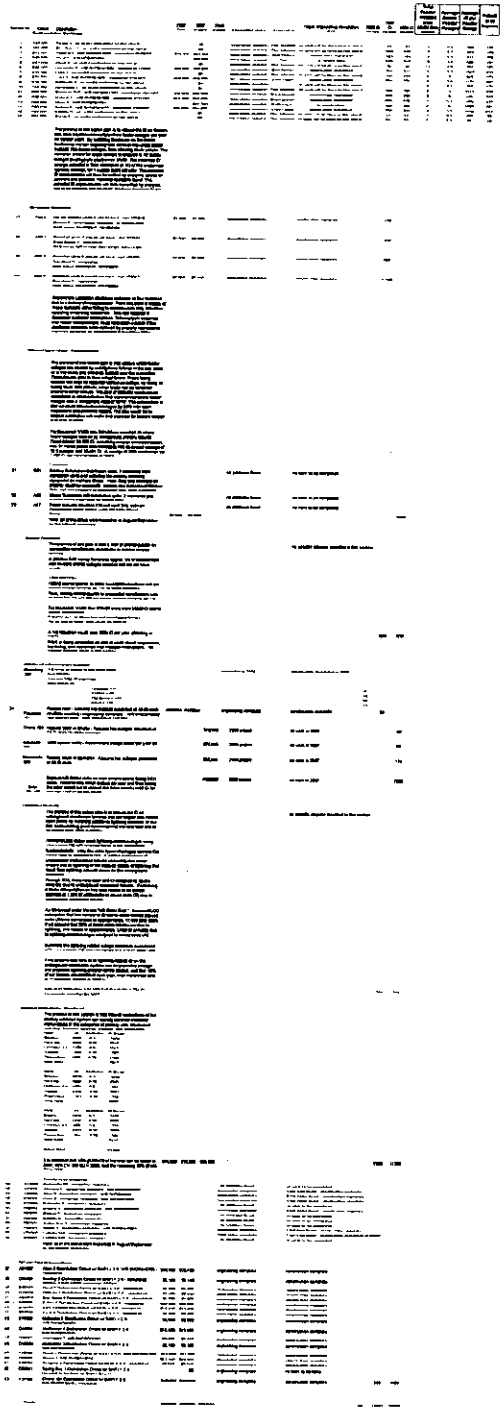
Description	2006 CI savings	2007 CI savings	2008 CI savings
Prescriptive trimming completed on Nebraska 3 (B77003) in 2006 due to two tree related circuit outages in 2005. (1233 CI x 2 = 2466 CI)		2466	
Prescriptive trimming completed on Court 2 (B57002) in 2006 due to one tree related circuit outage in 2005. (827 CI)		827	
Estimated CI reduction due to prescriptive tree trimming in 2007.			500
Totals	0	3,293	500

Substation Upgrades

Project No.	Circuit	Brief Project Description				2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
		In 2005 and 2006 CILCO substation outages due to equipment failures were six in each year. *Substation has instituted a new maintenance* strategy program for substation equipment that is expected to prevent one equipment failure per year starting in 2007 resulting in a reduction of 2500 CI per year.							2500			2500		
		In 2006 there were 8 animal related CILCO substation outages. Substation will animal mitigate 17 substation circuits and 2 complete substations in 2007 with an expected reduction of 1967 CI.										1967		
		Those planned are:	Engineering status	Construction status	Target completion date									
1	B38	Williamsfield Substation - completed June 2007	no engineering required	construction complete	completed					$7,500				
2	D35	Henry Substation	no engineering required	construction complete	completed 11/9/07									
3	B00-1	Northwest Subst. circuit 1	no engineering required	construction complete	completed									
4	B00-2	Northwest Subst. circuit 2	no engineering required	construction complete	completed									
5	B00-3	Northwest Subst. circuit 3	no engineering required	construction complete	completed									
6	B00-4	Northwest Subst. circuit 4	no engineering required	construction complete	completed									
7	B00-5	Northwest Subst. circuit 5	no engineering required	construction complete	completed									
8	B00-6	Northwest Subst. circuit 6	no engineering required	construction complete	completed									
9	B00-7	Northwest Subst. circuit 7	no engineering required	construction complete	completed									
10	B00-8	Northwest Subst. circuit 8	no engineering required	construction complete	completed									
11	B00-10	Northwest Subst. circuit 10	no engineering required	construction complete	completed									
12	B00-11	Northwest Subst. circuit 11	no engineering required	construction complete	completed									
13	B00-12	Northwest Subst. circuit 12	no engineering required	construction complete	completed									
14	B81-1	Groveland 1	no engineering required	construction complete	completed									
15	B81-2	Groveland 2	no engineering required	construction complete	completed									
16	B81-3	Groveland 3	no engineering required	construction complete	completed									
17	A45-1	Ozark 1	no engineering required	construction complete	completed									
18	A45-2	Ozark 2	no engineering required	construction complete	completed									
19	A45-3	Ozark 3	no engineering required	construction complete	completed									
20	A85-1	Sand Prairie 1	no engineering required	construction complete	completed									
21	A85-2	Sand Prairie 2	no engineering required	construction complete	completed									
22	B73-2	Linberg 2	no engineering required	construction complete	completed									
23	B73-3	Linberg 3	no engineering required	construction complete	completed									
24	B77-1	Nebraska 1	no engineering required	construction complete	completed									
25	B77-2	Nebraska 2	no engineering required	construction complete	completed									
26	B77-3	Nebraska 3	no engineering required	construction complete	completed									
27	B77-4	Nebraska 4	no engineering required	construction complete	completed									
28	C76-1	North Morton 1	no engineering required	construction complete	completed									
29	C76-2	North Morton 2	no engineering required	construction complete	completed									
30	B82-1	Stark 1	no engineering required	construction complete	completed									
31	B82-2	Stark 2	no engineering required	construction complete	completed									
32	A81-1	Elm Grove 1	no engineering required	construction complete	completed									
33	A81-2	Elm Grove 2	no engineering required	construction complete	completed									
						0	0	0	2500	$7,500	0	4467	0	0

2007 Reliability Action Plan Cost Summary

	2007 Cost	2007 Budget	2008 Budget
Circuit Performance Improvement Projects			
Tap Fusing	$678,000	$683,800	$384,000
Multiple Device Interruptions	$91,100	$91,100	$26,000
ICC Worst Performing Circuits	$48,000	$48,000	$48,000
Customers Exceeding Reliability Targets	$46,400	$46,400	$251,000
Circuit Inspections & Repairs	$181,300	$181,300	$10,000
Device Inspections & Repairs		$100,000	$100,000
URD Cable Replacements	$117,000	$117,000	$117,000
	$829,300	$1,000,000	$1,000,000
Vegetation management - Tree Trimming			
Vegetation management - Multple Device Interuptions			
Substation Improvements	$7,500		
Substation maintenance			
S&RM - Circuit Inspections			
Totals	$1,998,600	$2,267,600	$1,936,000



				Tap Fusing / Circuit Coordination							
			2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
IP											
Fuse taps on 62 circuits						4408	$40,600			$1,000	
CILCO											
Fuse taps on 36 circuits						230	$50,500		6984	$25,000	
			0	0	0	4638	$91,100	0	6984	$26,000	0

The highlighted cells are referenced on the front page. Do not change

2007 Operating Center	Circuits	E gineering completed	Engineer	Target Engineering completion date	Work requests in construction	Work requests completed
Eastern	19	19			18	18
Galesburg	25	25			22	22
Kewanee	15	15			13	13
LaSalle	22	22			17	17
Peoria	17	17			12	11
Total	98	98			82	82

Devices with multiple outages

Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
Weekly reports on devices with multiple (3 or more in the last 12 months) outages were reviewed for Division I which showed an average of 13 devices identified per week with an average CI in the last twelve months per device of 319.									
It was assumed that three device outage per month would be solved which would reduce the CI per device by 200. This would result in a yearly CI reduction of 7,200 with 3,600 the first year (2006).	3,600			7,200					
Reliability Engineering Calculation							8719		
					$48,000			$48,000	
	3,600	0	0	7200	$48,000	0	8719	$48,000	0

2007 Operating Center	Devices	Review completed	Engineer	Target engineering completion date	Work requests in construction	Work req. completed
Eastern	77	76	Randy Morgan			
Galesburg	78	73	Jon Reick			
Kewanee	21	21	Jon Reick			
LaSalle	42	42	Ken Eichorn			
Peoria	102	34	Joe Groesch			
Total	320	246			0	0
Summary total	359	317				

Note that the automatic counting software does not count devices and reviews during the same time frames and consequently creates a discrepancy between operating center counts and the summary total counts.

Project No.	Substation Name	Circuit	Description	2007 Cost	2007 Budget	Engineering status	Construction status	Prior Year CI	2006 CI savings	2007 CI savings	2008 CI savings	Total Feeder Outages from 1/1/04 thru 8/11/06	Average Annual Feeder Outages	Average CI per Feeder Outage	Potential CI Improvs
		Worst Circuits													
		Gales 205	Lightning		2006 project - completed in 2006			614	154						
		2006 Project	Animal					137	34						
			OH Equipment					228	57						
			Wind					237	59						
									0						
		Gales 135	Lightning		2006 project - completed in 2006			508	127						
		2006 Project	Animal					59	15						
			OH Equipment					166	42						
			Wind					362	91						
		Gales 129	Lightning		2006 project - completed in 2006			106		27					
		2006 Project	Animal					172		43					
			OH Equipment					383		96					
			Wind					20		5					
										0					
		LaSalle 281	Lightning		2006 project - completed in 2006			33		8					
		2006 Project	Animal					701		175					
			OH Equipment					134		34					
			Wind					0		0					
1	RADNOR	D69002	Underground main line connector failures	$22,700	$22,700	engineering	construction	1240							
			__Connections replaced			completed	completed			1240					
			Old overhead line failures, trees, and lightn				10/19/07	3000							
			__Rebuild overhead main line along Alta R							1000	500				
			__Add multiple lightning arresters and tap fus							500	500				
			2007 project - WR 9NOR044412												
2	BARTONVILLE	A17025	Vehicles taking down main lines	$23,700	$23,700	engineering	construction	3390							
			__ Add Recloser on Washington Street			completed	completed			2000					
			Overhead Line and Connections Failures				10/26/07	3100							
			__ Add arresters, animal guards, and reple old structure							1000					
			__ Infrared Inspections and repairs of cor ectors							500	500				
			2007 project - WR 9NOR044798												
	Total CI Saved			$46,400	$46,400				578	6627	1500				

					Cust exceeding targets for 3 consecutive years							
Circuit	Brief Project Description	Engineering status	Construction status	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
	Tree trimming, add three new poles, add LA & CO to CSP transformers, add tap fusing. This will provide improvements for 30 customers exceeding targets for 3 consecutive years. Assume work comleted later part of 2007; spread CI savings over two years.						30	$181,300		60		
170	Oquawka circuit 170 1 work request has been written for this work WR IPNO019469	Engineering complete	Construction completed 12/7/07									
				0	0	0	30	$181,300	0	60	0	0

Cir	Description	2006 CI savings	2007 CI savings	2008 CI savings
	Savings from Reliability Engineering calculation		870	870
	2007 Circuit Inspections - Visual/Audit Utilimap is scheduled to inspect 11 CILCO circuits beginning 8/27 IP will be using Local 51 employees **LaSalle OC - 26 circuits planned from CDIS** All 26 completed as of 11/02/07 **Galesburg OC - 30 circuits planned (27 from CDIS + 3 additional)** 24 from CDIS completed as of 11/02/07 Remaining 3 to be done (M40-131&132, P47-123) were completed on 11/27/07 3 completed in addition to the CDIS list are L96-626 (L6626), P47-650 (L6650) & R85-680 (L6680) **Kewanee OC - 12 circuits planned (10 from CDIS + 2 additional)** All 12 completed as of 8/31/07 2 completed in addition to the CDIS list are L97-355 (L3355) & P45-383 (L3383) Utilimap is scheduled to GLI 30 circuits in Div I in 2007, beginning 7/25			
Totals		0	0	870

Underground Cable Replacement

Circuit	Brief Project Description	2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
	The premise of this action plan is that continued replacement of repeatedly failed cables will reduce future failures.									
	This affect is magnified through the concurrent replacement of adjoining (likely also bad) cable segments.									
	Recent replacement projects have focused efforts in major UG subdivisions and have significantly reduced large CI failures.									
	Progressively more remaining cable failures are single segments service single (or few) customers each.									
	Cable Failure Events and Customers Affected:									
	These numbers are from OMAS – Focus reports.									
	In 2004 we reported 17,631 CI due to underground malfunctions thru 7/31. We also reported 27,013 CI due to underground malfunctions for the full year.									
	In 2005 we reported 14,762 CI due to underground malfunctions thru 7/31. We also reported 27,117 CI *due to underground malfunctions for the full year.*									
	In 2006 we reported 9,076 CI due to underground malfunctions thru 7/31.									
	A comparison of the 7/31 data over the last two years suggests that underground malfunctions have been reduced by 5,686 CI. Performing a linear extrapolation of this data suggests that we may realize an improvement of approximately 10,000 CI in 2006 due to reduced underground malfunctions, most of which are related to underground cable failures.									
	This is really too little data to confidently explain the results.									
	Since we had approximately 27,000 CI due to underground malfunctions in 2004 and 2005, and we are assuming that we can reduce this by approximately 10,000 CI in 2006 to a level of approximately 17,000 CI annually, the prospects for future reductions in CI are greatly diminished.	10000	#######							
	For planning purposes we feel that we may be able to reduce underground malfunctions due to cable failures by an additional 3,000 CI in 2007 and 3,000 CI in 2008.				3000	#######		3000	#######	
Totals		10000	1000000	0	3000	1000000	0	3000	1000000	0

2007 - Failed Cable Replacements
Division #1 Peoria & Environs

		FERC No.	Line Section No.	Location Description	Remarks	Cable Footage	Sent to Engineering	DOJM #	Budget Estimate	Sent to Construction	Construction Completed
1	[illegible]	3	130274	1708 Cedar Hills Dr., Peoria	[illegible]	1750	Cody Fraunell 11/28/06	C.Fraunell WR-053773	$21,000	4/02/2007	9/18/2007
[illegible]	[illegible]	2	040809	325 Maplewood, Dunlap	[illegible]	350	Cody Fraunell 11/27/06	C.Fraunell WR-040898	35,000	6/02/2007	10/11/2007
[illegible]	[illegible]	1	130075	712 Brandywine, Dunlap North from Hickory Grove Rd. into Lake of Sec Woods	North on Brandywine from North [illegible] to end [illegible] Ft of 20	3000	Cody Fraunell 11/28/06	C.Fraunell WR-42940	$40,000	7/30/2007	8/8/2007
4 Germantown	21	110030	1014 E Livingston, Peoria Largus Park	R-110030 to 00-110030; 00 N, 00 E 3-ph	50	Cody Fraunell 11/27/06	C.Fraunell WR-040004	30,700	8/8/2007	7/30/2007	
5 Beverly Manor	3	020000	1024 Trustee Ln, Washington	[illegible] to ad-310010	700	Randy Morgan 11/30/06	WR-040024	$4,000	4/13/2007	9/28/2007	
6 Goshen	2	320000	112 Cedar Ave. Morton	[illegible] to ad-320000 to ad-320000	600	Randy Morgan 11/30/06	WR-040011	$10,700	6/13/2007	10/10/2007	
7 Elm Grove	1	207200	300 Maple Point Dr., Peoria	R-207200 to 00-07200; 700 N, 00, 1-ph	750	Randy Morgan 11/27/06	WR-040091	30,000	3/27/2007	10/1/2007	
8 Elm Grove	3	200700	7007 Mulle Vista, Peoria	[illegible]	600	Randy Morgan 11/30/06	WR-040024	$00,000	9/13/2007	10/12/2007	
9 Elm Grove	4	207700	7200 Bay Ranch rd, Peoria	ad-[illegible] to ad-[illegible]	800	Randy Morgan 11/30/06	WR-040200	$12,000	9/13/2007	10/10/2007	
10 Elm Grove	5	207000	10000 S 24th St, Peoria	[illegible]	450	Randy Morgan 11/30/06	WR-040007	30,000	3/27/2007	10/9/2007	
11 Pontiac	3	110000	Parkway Dr., off Rt-116 in East Peoria.	[illegible]	1000	[illegible]	Group Contract [illegible]	$30,000	[illegible] Cut-Over	4/10/2007	
12 Hallock	2	000400	Gold Pine, Chillicothe	ad-000007 and ad-000000	100	[illegible]	Steve Hassell WR-040000	$40,000	6/20/2007	11/13/2007	
13 Hook	1	10000	100 North Dr, south of Pennsylvania, Peoria	[illegible]	100	Cody Fraunell 11/27/06	C.Fraunell WR-0000	00,000	10/0000	0/00/2007	
14 Hook	1	110000	2000 Signature Ln, Peoria	R-111000 to 00-110000, 300 N, 00, 1-ph	300	Cody Fraunell 11/27/06	C.Fraunell WR-42000	00,000	1/20/2007	8/10/2007	
15 Hook	2	110000	Forest Hills Subd. Sherwyll Terrace, North side of Forest Hill, east of Old Tree Road, Peoria	North side of Forest Hill, east from shell 110000, then north to ad-110000, then east to ad-110000, and tap road to ad-110000, consider coming from back lots out to street. 3000 Ft 00	2000	[illegible]	Steve Hassell WR-000000	$00,700	[illegible] Cut-Over	1/30/2007	
16 Henry	3	007300	572 Lake T-Bird drive, Pekin	[illegible]	1000	[illegible]	Steve Hassell WR-000000	$40,000	6/20/2007	8/30/2007	
17 Henry	3	000000	10000, 3000 Rural, 2112 Woodland Trail, Princeton	R-000000 to 00-00000, 000 N, 1-ph, 00	300	Cody Fraunell 11/27/06	C.Fraunell WR-000000	$2,000	8/00/2007	7/7/2007	
18 Jefferson	1	000000	00000 Cooper rd, Washington. Now 000000 to ad-000001	2100 ft. 1ph. 1 cust 00000000; Replace with 000 line	2100	[illegible] 000 Cong Over	Group Contract WR-00000	$30,000	4/10/2007	7/20/2007	
19 Junction	4	117172	1007 Beach St, Peoria Heights	[illegible]	200	Cody Fraunell 11/27/06	C. Fraunell WR-000000	$6,000	1/10/2007	4/17/2007	
20 Hook	6	000000	2013 Spring Lake Twp, Morton	Move to ad-00000	300	[illegible]	M Gabert WR-40000	$21,000		5/5/2007	
21 Morgan	2	000700	1000 N. Greenfield Rd, Morton City	[illegible]	300	Cody Fraunell 11/27/06	C.Fraunell WR-040000	$7,000	0/00/2007	9/00/2000	
22 Middle	1	000000	00000 Springtown Rd, Minier	R-000000 to 00-000000 300 N, 00, 1-ph	0000	Randy Morgan 11/27/06	WR-000000	$00,700	7/27/2007	10/12/2007	
[illegible]	3	000000	700 N Park Rd, Washington	[illegible]	000	Randy Morgan 11/30/06	WR000000				Completed in 2006
[illegible]	3	000000	700 Seven Hills Rd, Washington	[illegible]	000	Randy Morgan 11/30/06	R. Morgan WR-040000	$20,100	3/14/2007	7/20/2007	
27 [illegible]	3	110000	2000 Magnolia Peoria	[illegible]	000	Cody Fraunell 11/30/06	C.Fraunell WR-040001	$0,000	0/0/2007	9/12/2007	
28 [illegible]	3	110000	7112 Strong Ln, Washington	[illegible]	1000	Cody Fraunell 11/30/06	By Construction	$0		8/1/2007	
29 [illegible]	0	110000	7000 Fox Point Drive, Peoria	[illegible]	400	Cody Fraunell 11/30/06	C.Fraunell WR-000000	$11,700	6/0/2007	8/10/2007	
30 Pioneer	1	110007	1720 Constitution Drive	Replace staff and cable to 7000 University drive cable. 300 X 40	300	Randy Leary	R. Leary WR-00000	$12,000	3/12/2007	4/20/2007	
31 Pioneer	[illegible]	[illegible]	Peoria Regional Club Alarm Drive.	[illegible]	300	Randy Leary	R. Leary WR-00000	$10,000	10/2/2006	1/0/2007	
32 Pioneer	3	[illegible]	Peoria Tower-Observer 1010 W Pioneer Pkwy, Peoria	[illegible]	000	Cody Fraunell 11/27/06	C. Fraunell WR-040000	$10,000	1/0/2007	4/10/2007	
33 Radnor	3	[illegible]	2001 Indian Ridge Ct, Edwards	[illegible]	1300	Cody Fraunell 11/30/06	C. Fraunell WR-000000	$00,000	4/0/2007	6/20/2007	
34 Radnor	0	[illegible]	000 Methodist Church, 2000 Star Drive, Peoria	R-000000 to V-00000 300 N, 00, 1-ph	000	Cody Fraunell 11/27/06	C. Fraunell WR-040000	$10,000	1/0/2007	4/20/2007	
35 Radnor	3	[illegible]	0000 Jamestown Rd., Peoria	[illegible]	700	Cody Fraunell 11/27/06	By Construction			1/0/2007	
36 Sand Prairie	3	[illegible]	720 Spring Lake Twp, Morton	[illegible]	3000	Randy Morgan	Morton Contract WR-000001	$02,000		4/0/2007	
37 Sand Prairie	1	[illegible]	0000 Morris Mill Rd, Green Valley	[illegible]	000	Randy Morgan 11/30/06	WR-040013	$13,000	3/27/2007	10/23/2007	
38 Springboro	[illegible]	[illegible]	1001 Upper Spring Bay Rd., Spring Bay	R-110000 to Vault to 00-110000 700 N, 00, 1-ph	700	Randy Morgan 11/27/06	R. Morgan WR-040000	$10,000	3/10/2007	6/10/2007	
39 Springboro	[illegible]	[illegible]	7200 Crossbow Ave. Spring Bay	R-000000 to 00-0000 300 N, 00, 1-ph	400	Randy Morgan 11/27/06	R. Morgan WR-00000	$11,000	3/10/2007	6/24/2007	
40 Springboro	[illegible]	[illegible]	7272 Upper Spring Bay Rd., Spring Bay	R-000000 to 00-110000 300 N, 00, 1-ph	300	Randy Morgan 11/27/06	R. Morgan WR-040000	$0,000	3/10/2007	6/10/2007	
41 Springboro	[illegible]	[illegible]	111 Dale St., Spring Bay	V-00771 - 00-110000 200', 00, 1-ph	210	Randy Morgan 0/00/07	R. Morgan WR-040000		6/10/2007	6/12/2007	
42 Smithfield	[illegible]	[illegible]	100 N. Maywood, Morton	per 3111 to see 3111 (Remove, 3 ph)	1000	[illegible]	Group Contract WR-00000	$101,000	4/10/2007	7/27/2007	
43 Tiner	1	301000	13040 Antioch Rd., Tremont	V-301000 to 00-300001 300 N, 00, 1-ph	000	Randy Morgan 11/27/06	WR-040012	$14,000	3/20/2007	10/12/2007	
44 T[illegible]	1	000000	200 E Washington St	[illegible]	200	Randy Morgan 11/27/06	WR-040011	$7,000	3/27/2007	10/12/2007	
[illegible]	232	000000	0000 N Lake Green Rd, Washington	[illegible]	000	Randy Morgan 11/27/06	R. Morgan WR-040000	$0,100	3/10/2007	7/20/2007	
[illegible]	2	000100	20012 Stone Rd, Pekin	[illegible]	000	Cody Fraunell 11/27/06	00			Completed in 2006	

Total Cable Footage = 32,290

Current Budget Estimate - Total $000,000

Tree Trimming

Description	2006 CI savings	2007 CI savings	2008 CI savings
Prescriptive trimming completed on Nebraska 3 (B77000) in 2006 due to two tree related circuit outages in 2005. (1233 CI x 2 = 2466 CI)		2466	
Prescriptive trimming completed on urt 2 (B57002) in 2006 due to one tree related circuit outage in 2005. (827 CI)		827	
Estimated CI reduction due to prescriptive tree trimming in 2007.			500
Totals	0	3,293	500

Substation Upgrades

Project No.	Circuit	Brief Project Description				2006 CI Saved	2006 Costs	2006 Add'l Costs Req.	2007 CI Saved	2007 Costs	2007 Add'l Costs Req.	2008 CI Saved	2008 Costs	2008 Add'l Costs Req.
		In 2005 and 2006 CILCO substation outages due to equipment failures were six in each year. Substation has instituted a new maintenance strategy program for substation equipment that is expected to prevent one equipment failure per year starting in 2007 resulting in a reduction of 2500 CI per year.							2500			2500		
		In 2006 there were 8 animal related CILCO substation outages. Substation will animal mitigate 17 substation circuits and 2 complete substations in 2007 with an expected reduction of 1967 CI.										1967		
		Those planned are:	Engineering status	Construction status	Target completion date									
1	B38	Williamsfield Substation - completed June 2007	no engineering required	construction complete	completed					$7,500				
2	D35	Henry Substation	no engineering required	construction complete	completed 11/9/07									
3	B00-1	Northwest Subst. circuit 1	no engineering required	construction complete	completed									
4	B00-2	Northwest Subst. circuit 2	no engineering required	construction complete	completed									
5	B00-3	Northwest Subst. circuit 3	no engineering required	construction complete	completed									
6	B00-4	Northwest Subst. circuit 4	no engineering required	construction complete	completed									
7	B00-5	Northwest Subst. circuit 5	no engineering required	construction complete	completed									
8	B00-6	Northwest Subst. circuit 6	no engineering required	construction complete	completed									
9	B00-7	Northwest Subst. circuit 7	no engineering required	construction complete	completed									
10	B00-8	Northwest Subst. circuit 8	no engineering required	construction complete	completed									
11	B00-10	Northwest Subst. circuit 10	no engineering required	construction complete	completed									
12	B00-11	Northwest Subst. circuit 11	no engineering required	construction complete	completed									
13	B00-12	Northwest Subst. circuit 12	no engineering required	construction complete	completed									
14	B81-1	Groveland 1	no engineering required	construction complete	completed									
15	B81-2	Groveland 2	no engineering required	construction complete	completed									
16	B81-3	Groveland 3	no engineering required	construction complete	completed									
17	A45-1	Ozark 1	no engineering required	construction complete	completed									
18	A45-2	Ozark 2	no engineering required	construction complete	completed									
19	A45-3	Ozark 3	no engineering required	construction complete	completed									
20	A85-1	Sand Prairie 1	no engineering required	construction complete	completed									
21	A85-2	Sand Prairie 2	no engineering required	construction complete	completed									
22	B73-2	Linberg 2	no engineering required	construction complete	completed									
23	B73-3	Linberg 3	no engineering required	construction complete	completed									
24	B77-1	Nebraska 1	no engineering required	construction complete	completed									
25	B77-2	Nebraska 2	no engineering required	construction complete	completed									
26	B77-3	Nebraska 3	no engineering required	construction complete	completed									
27	B77-4	Nebraska 4	no engineering required	construction complete	completed									
28	C76-1	North Morton 1	no engineering required	construction complete	completed									
29	C76-2	North Morton 2	no engineering required	construction complete	completed									
30	B82-1	Stark 1	no engineering required	construction complete	completed									
31	B82-2	Stark 2	no engineering required	construction complete	completed									
32	A81-1	Elm Grove 1	no engineering required	construction complete	completed									
33	A81-2	Elm Grove 2	no engineering required	construction complete	completed									
						0	0	0	2500	$7,500	0	4467	0	0

2007 Reliabil y Action Plan Performance Report

Division 2

1/10/2008

Division Responsibility										
	36	36	100.0%	36	36	100.0%			4,244	8,420
	80	8	100.0%	80	80	100.0%			1,899	1,621
	105	1	100.0%	55	55	100.0%			1,622	3,244
	6		100.0%	6	6	100.0%			2,100	1,200
	5	5	100.0%	5	5	100.0%			-	114
				21	21	100.0%			150	150
	899	870	96.8%	31	31	100.0%			-	-
				16	16	100.0%			655	500
EDTS Responsibility										
				1125	1071	95.2%			500	1,400
	16	16	100.0%	5	5	100.0%			-	-
	32	32	100.0%	29	29	100.0%			1,540	1,540
				1174	1155	98.4%			2,500	2,500
	37	37	100.0%						-	-
						Subtotal Division	$ -	$ -	10,870	15,249
						Subtotal EDTS	$ -	$ -	4,540	5,440
						Total	$ -	$ -	15,210	20,689
						Projected CI Avoided			15,210	20,689
						CI Required to Achieve Target			10,436	10,436
						Variation - Plan to Target			4,774	10,253
						Net CI Difference			(645)	9,608
						Division SAIFI Target			1.07	0.97