

Northern Umbrella Plan - Status of Projects

Project	Description	Public Outreach	Application Filing	Anticipated Application Receipt	ROW and Design	Construction Period	Project In-service	Capital Cost Estimate
A	Plains-Stiles/ 138 kV line rebuild	2nd Qtr 2003	August, 2004	October, 2004	Completed	8/2004 - 6/2006	June, 2006	\$ 68,752,900
B	Indian Lake-Hiawatha 69 kV line rebuild (phases 1 & 2)	2nd Qtr 2004	N/A	N/A	Phase 1 & 2 complete	1/2004 -6/2005	June, 2005	\$ 30,200,000
	Indian Lake-Hiawatha (phase 3)	"	"	"		1/2009-12/2009	December, 2009	\$ 8,000,000
C	Morgan-Stiles138 kV line rebuild	3rd Qtr 2002	August, 2004	November, 2004	Completed	12/2004 - 6/2005	June, 2005	\$ 7,010,000
D	Morgan-White Clay 138 kV line uprate	3rd Qtr 2004	N/A	N/A	Completed	1/05 - 3/05	March, 2005	\$ 549,000
E	second Plains 345/138 kV transformer	N/A	N/A	N/A	3/2005 - 10/2005	9/2006 - 6/2007	June, 2007	\$ 5,130,000
F	Werner West 345/138 kV substation	4th Qtr 2003	3rd Qtr 2004	2nd quarter 2005	6/2004 - 3/2005	6/2005 - 6/2006	June, 2006	\$ 9,600,000
G	Cranberry-Conover-Plains 138 kV line	2nd Qtr 2004	2nd Qtr 2005	June, 2006	1/2006 - 1/2007	6/2006 -12/2007	December, 2007	\$ 43,800,000
H	Morgan-Werner West 345 kV line	2nd Qtr 2003	2nd Qtr 2005	June, 2006	6/2006 - 11/2007	11/2007 - 12/2009	December, 2009	\$ 68,100,000

Total \$ 241,141,900

September 28, 2004