



Northern Umbrella Project Update

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ATC Northern Umbrella Plan Project Schedules

(based on information currently available)

Project Description	ATC Executive/ Board Approval	File CA/CPCN Application	Start Construction	Projected In-Service	Timing Driver
Morgan-Stiles rebuild	June, 2003	January, 2004	October, 2004	June, 2005	TLR mitigation - now sequence order of NUP projects WPS-UPPCo TSR - 2008
Plains-Amberg & Amberg-W.Marquette Amberg-Stiles	January, 2004	March, 2004	June, 2004	June, 2005 June, 2006	TLR mitigation - now condition of hardware - now sequence order of NUP projects WPS-UPPCo TSR - 2008
Hiawatha-Indian Lake rebuild	January, 2004	not applicable	February, 2004	June, 2006	TLR mitigation - now system security - now condition of line - now
Werner West substation	December, 2004	January, 2005	June, 2005	June, 2006	TLR mitigation - now system security - 2005
Cranberry-Conover line Conover-Plains conversion	April, 2005	May, 2005	April, 2006	December, 2007	Rhineland Loop reliability - 2007 WPS-UPPCo TSR - 2008
Plains transformer	September, 2006	not applicable	October, 2006	January, 2007	TLR mitigation - 2007 sequence order of NUP projects
Hiawatha-Indian Lake conversion	September, 2008	not applicable	October, 2008	June, 2009	TLR mitigation - post 2005 sequence of projects - 2009
Morgan-Werner West line	January, 2005	March, 2005	May, 2007	December, 2009	TLR mitigation - now Weston 4 TSR - 2010
activity completed or underway					
contractual commitments					