

Integrated System (IS) Transmission Planning

Status of Planning Studies, Significant Proposed Network Upgrades

Updated 11/30/09

07/22/09 – The IS owners presented the Keystone XL IS Study Impacts (see 05/15/09 news item below) to the MB/NM SPG. A copy of the presentation is posted under the “System Studies” Folder (“Planning/Network” Sub-Folder) on the WAPA OASIS. The presentation is available at: <http://www.oatioasis.com/WAPA/WAPAdocs/Keystone-XL-2009-0722-SPG-Pres.ppt>

05/15/09 – The IS owners have posted the Final Report of the Integrated System Network Load Study for the proposed Keystone XL pipeline. The report details the IS facilities required to serve increased network load for the Keystone XL pump loads in Montana and South Dakota. A copy of the Final Report is posted under the “System Studies” Folder (“Planning/Network” Sub-Folder) on the WAPA OASIS. The Final Report is available at: <http://www.oatioasis.com/WAPA/WAPAdocs/Keystone-XL-Final-Study-Report.pdf>

10/07/08 – The IS owners have submitted a study report for MAPP DRS approval for the proposed conversion of the Charlie Creek-Williston 115-kV transmission line to 230-kV operation and the addition of a new 50-mile, 230-kV transmission line that will connect the new Williston 230-kV substation to the existing Tioga 230kV substation in northwest North Dakota. The purpose of these proposed transmission line upgrades/additions is to provide additional support into the northwest North Dakota area to accommodate existing and projected network load growth. A copy of the study is posted under the “System Studies” Folder (“Planning/Network” Sub-Folder) on the WAPA OASIS. The proposed line upgrades/addition will also be presented to the MAPP Missouri Basin Sub-Regional Planning Group (MB SPG). The proposed in-service date for the Charlie Creek-Williston 230kV line upgrade is Fall 2011. The proposed in-service date for the Williston-Tioga 230kV line addition is Summer 2010. The study report is available at: <http://www.oatioasis.com/WAPA/WAPAdocs/Planning-Study-Tioga-Williston-CharCrk-230kV-Line-Addition-Sep2008.pdf>

10/07/08 – The IS owners have posted an update (Update #1) of the scoping analysis regarding the proposed Keystone XL pipeline (see 09/02/08 news item below). A copy of the PRELIMINARY updated scoping analysis, which identifies potential facility additions to the IS to accommodate this potential network load growth, is posted under the “System Studies” Folder (“Planning/Network” Sub-Folder) on the WAPA OASIS.

The updated presentation is available at:

<http://www.oatioasis.com/WAPA/WAPAdocs/Keystone-XL-Scoping-Study-Update1.ppt>

09/02/08 – The IS owners posted PRELIMINARY scoping analysis regarding a potential new proposed oil delivery pipeline (Keystone XL pipeline), which has been publically announced, and is targeted to be in-service by Fall 2011. The proposed pipeline will span much of the IS, and based upon the initial study results will require significant improvements to the IS to accommodate the potential new loads associated with the pipeline pumping stations. A copy of the PRELIMINARY scoping analysis, which identifies potential facility additions to the IS to accommodate this potential network load growth, is posted under the “System Studies” Folder (“Planning/Network” Sub-Folder) on the WAPA OASIS. The IS owners are coordinating the scoping with its affected neighbors, and will be discussing these potential facility expansion requirements with the applicable MAPP Sub-Regional Planning Groups (SPG’s) in the near future. The presentation is available at: <http://www.oatioasis.com/WAPA/WAPAdocs/Keystone-XL-Scoping-Study.ppt>

08/26/08 – The IS owners received MAPP DRS approval for proposed 70-mile, 230-kV transmission line that will connect the existing Belfield Substation in North Dakota to a new Rhame Substation, which will tap the existing Miles City-Hettinger 230kV line in southwest North Dakota. The purpose of this proposed transmission line is to provide additional support into the southwest North Dakota area to accommodate existing and projected network load growth. A copy of the study is posted under the “System Studies” Folder (“Planning/Network” Sub-Folder) on the WAPA OASIS. The proposed line addition was previously presented to the MAPP Missouri Basin Sub-Regional Planning Group (MB SPG) in July 2008. The proposed in-service date for the new line is Fall 2009. The study report is available at: <http://www.oatioasis.com/WAPA/WAPAdocs/Planning-Study-Belfield-Rhame-230kV-Line-Addition-Aug2008.pdf>

If you have any questions, please call Steve Sanders at 406-247-7436, or email at sanders@wapa.gov.

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