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Date Posted: 5/13/2021

Southwestern Public Service Company

Transmission Question and Answer
In Compliance with 18 C.F.R Part 358.5 (b)(1-6)

Southwestern Public Service Company ("Company") have set up a Question and Answer function to provide responses to customer requests for transmission information via the Public Internet (the Company's OASIS page or web site). The purpose is to provide Transmission Customers contemporaneous access to the requested information pursuant to FERC Order No. 2004 (18 CFR Part 358.5 (b)(1-6)). The following log contains the questions and Company's answers.

Any transmission customer (or potential customer) may submit a question. The Q&A function will identify the Requestor and Question and the date of the request. The Company, at its discretion, reserves the right not to answer specific questions. For example, the Company will not provide answers that would disclose customer-specific information or Critical Energy Infrastructure Information.

Please submit questions via e-mail to the following address: XMCustomerQA@xcelenergy.com

Question	Answer
July 20, 2005; Xcel Energy Wholesale Merchant Function (WMF); The lasted SPS 5 year Project listed was posted on April 3, 2002. Would you provide an update?	August 1, 2005; Transmission does not have a plan to update the spreadsheet posted on SPS OASIS on April 3, 2002.
October 28, 2005; Xcel Energy Wholesale Merchant Function (WMF); What is the minimum operating level (MW transfer) for the Eddy DC Tie?	October 31, 2005; Name plate rating is 30MW minimum flow either direction. Actual machine performance has demonstrated a realistic minimum flow of 35 MW. November 4, 2005; Updated Answer - Minimum flow is 35 MW as stated on page 51 of a document titled "*Principles, Practices and Methods for the Determination of Available Transmission Capacity*" posted on the El Paso Electric OASIS.
March 12, 2007; Xcel Energy Wholesale Merchant Function (WMF); Has SPS completed a System Impact Study for Network Transmission Service for GSEC's Mustang 5 unit? If so, please post the study. If not, can you estimate when that study will be completed and posted on the SPS OASIS site?	March 16, 2007: The referenced System impact Study is expected to be completed and posted in early to mid-April 2007.
January 8, 2008; Xcel Energy Wholesale Merchant Function (WMF); These interconnection requests (GEN-2005-021, GEN-2006-020S, GEN-2002-008, and GEN-2005-017) were downloaded from the SPP OASIS at the following location https://studies.spp.org/SPPGeneration/GI_ActiveRequests.cfm on 1/4/2008. These particular requests are identified and pulled out of a larger list because they have a status of "IA FULLY EXECUTED or PENDING" and a historic in-service date. Commercial Operations would like to be updated on the status of the facilities to	February 20, 2008; Interconnection Agreements have been signed for GEN-2005-021, GEN-2006-020S, and GEN-2002-008. The Interconnection Agreement for GEN-2005-017 is pending. GEN-2006-020S and GEN-2002-008 are scheduled for interconnection in the 4th quarter of 2008.

the extent you can provide this information. Will you please confirm whether any of the facilities identified above are expected or in progress to interconnect to the SPS system and whether they are expected to generate output within the next year? Additionally, if any or all of the facilities are expected to come online within the next year, we would like to request that you host a public generation planning and coordinating meeting including Transmission and Commercial Operations personnel as well as and other interested party? To the best of my knowledge the facilities are not associated with a current or future purchased power agreement and therefore I believe that a planning and coordinating meeting would be in order. If there are other facilities that were inadvertently omitted from this list, but are expected to begin to generate within the next year, please also advise us. Thank you for your consideration.	
January 28, 2008; James and Sue Ball, Lubbock Texas; There is a transmission line running south east from Plant X, I need to know what the MW capacity of that line is and could it take a 200MW in-put from a wind turbine farm.	February 1, 2008; A request for interconnection service to the Southwest Power Pool (SPP) would need to be made. SPS would not answer this question due to the queue request process managed by SPP. The study performed by SPP would determine the total available capacity.
February 16, 2008; Robert White, Cimarron County, OK; Is the Xcel transmission line from Amarillo TX to Boise City OK energized within Cimarron County Oklahoma, or can it be activated to allow input of energy by a wind turbine at the substation along the line in Cimarron Co. OK.	February 20, 2008; It is unclear as to what specific transmission lines you are referring to in Cimarron County, Oklahoma or where a substation might be in that county. However, the 69 kV transmission lines that SPS did own in that county were sold to Tri-County Electric Cooperative. SPS does not currently own any transmission lines in Cimarron County, Oklahoma. Tri-County electric Cooperative now owns the 69 kV transmission lines from the Texas County, Oklahoma area westward to Boise City in the Oklahoma panhandle.
June 11, 2008; Eurus Energy America Corporation Is the interconnection queue available on the internet?	June 12, 2008;The Transmission and Generation Interconnection queue is located at the following website link on the SPP OASIS. Also, the contact information for the Southwest Power Pool. http://sppoasis.spp.org/documents/swpp/transmission/studies.cfm
October 17, 2008; Pacific Winds Energy LLC; We are in the process of developing a 135 MW wind power project in the Texas pan handle. We have filed an interconnection application with SPP and are now in the queue. We have also started the power marketing process. Does Xcel Energy (or its subsidiaries, SPS) offer an energy imbalance service for energy produced by wind power projects? Our power customer (utility) has requested firm energy delivery from our wind power project.	October 21, 2008; All new service is granted under the SPP tariff. All imbalance will be settled under the SPP EIS market as directed by their tariff

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Our interconnection point will be on a SPS 230 kV Transmission Line. The current planned capacity of our wind power project is 135MW.	
October 21, 2008; BAF; Is there any information available regarding the Southwestern Public Service transmission interconnection queue or may I be directed towards someone who is able to answer that question?	October 29, 2008; The Southwest Power Pool maintains the generation interconnection queue and almost all requests on the transmission service queue for Southwestern Public Service ("SPS"). You can view this information on the Southwest Power Pool website. http://sppoasis.spp.org/documents/swpp/transmission/studies.cfm For transmission service requests by customers on the Xcel Energy tariff those requests can be viewed on the SPS OASIS website at: http://sppoasis.spp.org/documents/SPS/uploads/transtudies.htm
October 28, 2008: Xcel Energy Wholesale Merchant Function (WMF); We have been informed by the owners of new wind turbine generators that there may be commercial production of output in the 4th quarter of this year from several farms located within the SPS BA, but not under contract with SPS. Since these farms will be Market Participants in SPP, in addition to the questions posed below, other generation related coordination issues should be discussed that pertain to these new IPP wind farms. It may be preferred to have an open forum meeting to discuss all of these issues with Transmission Operations. With all of the expected wind generation coming online in the coming months and years can SPS Merchant receive a signal for the amount of generation at each wind farm as the addition of this generation will impact SPS Merchants ability to manage ACE? What will be the curtailment priority of generation when there is an excess generation situation and the thermal units are at minimum generation?	April 23, 2009; All curtailments will be performed according to OATT priority transmission service. SPS will be posting a wind curtailment policy in the near future.
November 25, 2008: Northrop-Grumman Support; 27 SOCES/CECN; Cannon AFB, NM 88130; Provide a copy of your transmission line policy.	December 1, 2008; The interconnection guidelines can be found on Xcel Energy's website http://www.xcelenergy.com/Company/Transmission/Pages/Transmission_Services_Interconnection_Guidelines.aspx
December 3, 2008; Xcel Energy Wholesale Merchant Function (WMF); Would the transmission provider please provide a status update regarding requests for generation interconnection on the SPS system as posted on the SPP OASIS. Are there any additional facilities that are scheduled for interconnection in during the remainder of 2008 or in 2009 in addition to those referenced on the Q&A response provided on 2/20/2008?	December 26, 2008; Additional generation interconnections scheduled to be on-line in 2009 are: Gen-2006-020S Gen-2002-008 phase 2 - 126 MW (phase 2) Gen-2003-020 phase 2 - 80 MW (phase 2) Gen-2005-021 In-suspension Gen-2005-017 In-suspension
October 28, 2009; Xcel Energy Wholesale Merchant Function (WMF); Would you please post the SPP to	November 24, 2009; See Additional Materials, Document named:

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SPS transmission tie flow data (smallest granularity available) and the corresponding real-time import/export limits for the last year?	20091102-WMF-SPS-QA-doc1-Net Interchange.pdf
November 30, 2010; Xcel Energy Wholesale Merchant Function (WMF); Will the Lamar tie would be able to quickly return to service in the event of a contingency on the SPS system so the SPS customers can access their network resources. The concern is over the first two weeks of December 2010.	December 2, 2010; The TWRs that SPS is working on is for J6 and J7 thru Sunday night can be halted and returned to service in about 2 hrs. This is the only import restriction SPS has at the moment. The tie is out of service with these lines out.
March 14, 2013; Westar is trying to help a customer find Bus numbers for the 138 SPS kV system tie in within Waits sub on the SPS system	April 17, 2013: Buss numbers are CEII information and will not be posted.
March 29, 2013: Xcel Energy Wholesale Merchant Function (WMF); Please post the historical 2011/2012 hourly north-flows posted similar to the 2003/2004 data that is already posted	April 17, 2013: Information has been posted on the SPS OASIS Home page System Data/Op Guides. An OASIS security certificate is required for viewing.
August 31, 2017: Southern Power Company would like to request that SPS evaluate the potential to accelerate the in-service dates of the following projects due to heavy congestion in the SPS region. The projects were borne from de-rates that occurred mostly in the past 12 months. Due to the high impacts on the market these de-rates are causing, your attention and response to this matter would be much appreciated. Project name: Sub – Tuco – Stanton 115kV Terminal Upgrades o Project ID: 31079 o In-service date: 7/1/2019 Project name: Stanton – Indiana 115kV Terminal Upgrades o Project ID: 31080 o In-service date: 7/1/2018 Project name: Sub – Indiana – SP-Erskine 115kV Terminal Upgrades o Project ID: 31081 o In-service date: 7/1/2018 Project name: Sub – Amoco – Sundown 230kV Terminal Upgrades o Project ID: 30844 o In-service date: 12/14/2018 Project name: Sub – Hale Co 115kV o Project ID: 41188 o In-service date: Unknown; indicated need date 12/1/2018 Project name: Sub – Plant X – Sundown 230kV o Project ID: 41194 o In-service date: Unknown; indicated need date 6/1/2018	September 28, 2017: SPS reviewed the list of projects submitted in this request and has the following comments: Project name: Sub – Tuco – Stanton 115kV Terminal Upgrades o Project ID: 31079 o In-service date: 7/1/2019. Potentially can be accelerated into early 2019 pending engineering, equipment lead times, and outage coordination Project name: Stanton – Indiana 115kV Terminal Upgrades o Project ID: 31080 o In-service date: 7/1/2018. This project has already been completed and meets the required emergency rating. SPP Ops acknowledged the ratings change on October 11, 2016. Planning models created in fall 2016, the 2017 series MDWG cases, show this to be the rating. SPS will request withdrawal of this Notification to Construct (NTC). Project name: Sub – Indiana – SP-Erskine 115kV Terminal Upgrades o Project ID: 31081 o In-service date: 7/1/2018. Project cannot be accelerated. Equipment lead times will put this project in late 2018 or early 2019. Project name: Sub – Amoco – Sundown 230kV Terminal Upgrades o Project ID: 30844 o In-service date: 12/14/2018. Cannot be accelerated; limiting factors include material lead time, design, and outage constraints.

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	Project name: Sub – Hale Co 115kV ○ Project ID: 41188 ○ In-service date: 12/1/2018 Cannot be accelerated - limiting factors include engineering design, materials lead time. Project name: Sub – Plant X – Sundown 230kV ○ Project ID: 41194 ○ In-service date: 12/31/2018 Cannot be accelerated; limiting factors include engineering design, materials lead time.
October 16, 2017: NextEra Energy; Please provide the most recent expected network upgrade completion date for the Project ID: 41189 as described below. Project ID: 41189 Project Name: Sub - Martin - Pantex N 115 kV Terminal Upgrades Network Upgrade ID: 61836 Network Upgrade Name: Martin - Pantex North 115 kV Terminal Upgrades Network Upgrade ID: 61837 Network Upgrade Name: Pantex South - Highland Tap 115 kV Terminal Upgrades	October 23, 2017: The In Service Date for this has been updated to 3/15/18 and has been communicated to SPP.
October 19, 2017: NextEra Energy; Please provide answers for the following requests. A. NextEra is requesting SPS confirm the Cochran-Yoakum 115kV line rating for each of the following line sections 1. Cochran-Lehman 115kV line section :131MVA (normal and emergency) 2. Lehman- LG Plain 115kV line section :121MVA (normal and emergency) 3. LG Plain-Plains_S1 115kV line section :121MVA (normal and emergency) 4. Plains_S1-Yoakum 115kV line section :159MVA (normal and emergency) B. If the above item #A is correct, please provide: I. Limiting element(s) II. Potential mitigation to bring all the sections to 159 MVA before the line sections were derated	October 23, 2017: Please contact SPP for the requested information.

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November 6, 2017; American Electric Power: Noticed the project NTC ID 200262 is delayed. Trying to find out the current status and expected completion date for the following project: NTC ID - 200262 - Bushland Interchange - Deaf Smith Co Interchange 230 kV Ckt 1 Terminal Upgrade - Upgrade 800 Amp wave trap at both Bushland Interchange and Deaf Smith Interchange.	November 14, 2017: This project has experienced non-typical outage constraints that moved the expected finish to the Spring of 2019.
May 13, 2021: We'd like to submit a pre-application regarding certain distribution feeders owned by Southwestern Public Service Co (Xcel) in New Mexico. Are you able to provide the standard pre-application information for distribution-level feeders for 12V through 34.5V?	May 13, 2021: The “THE NEW MEXICO INTERCONNECTION MANUAL” published by the New Mexico Public Regulation Commission contains information regarding the process. http://www.nmprc.state.nm.us/utilities/docs/NMInterconnectionManual2008.pdf At SPS, please contact Kyle Reddell to gather more information on the process: kyle.a.reddell@xcelenergy.com