

Bowie Power Station Update

7th BTA Workshop No. 1
July 10, 2012

BOWIE
POWER STATION

Bowie Power Station



- Bowie is a 1,000 MW (nominal) natural gas power generation facility to be constructed in Cochise County, Arizona
- Bowie consists of two 500 MW (nominal) power blocks of 2 combustion turbines and 1 steam turbine generator
- Natural gas will be supplied via EPNG interstate gas facilities
- Interconnection voltage is 345 kV at the proposed Willow Substation in Graham County, Arizona
- Interconnection will be with TEP's Greenlee-Winchester 345 kV transmission line



Figure 1: Bowie Project interconnection point and vicinity transmission system

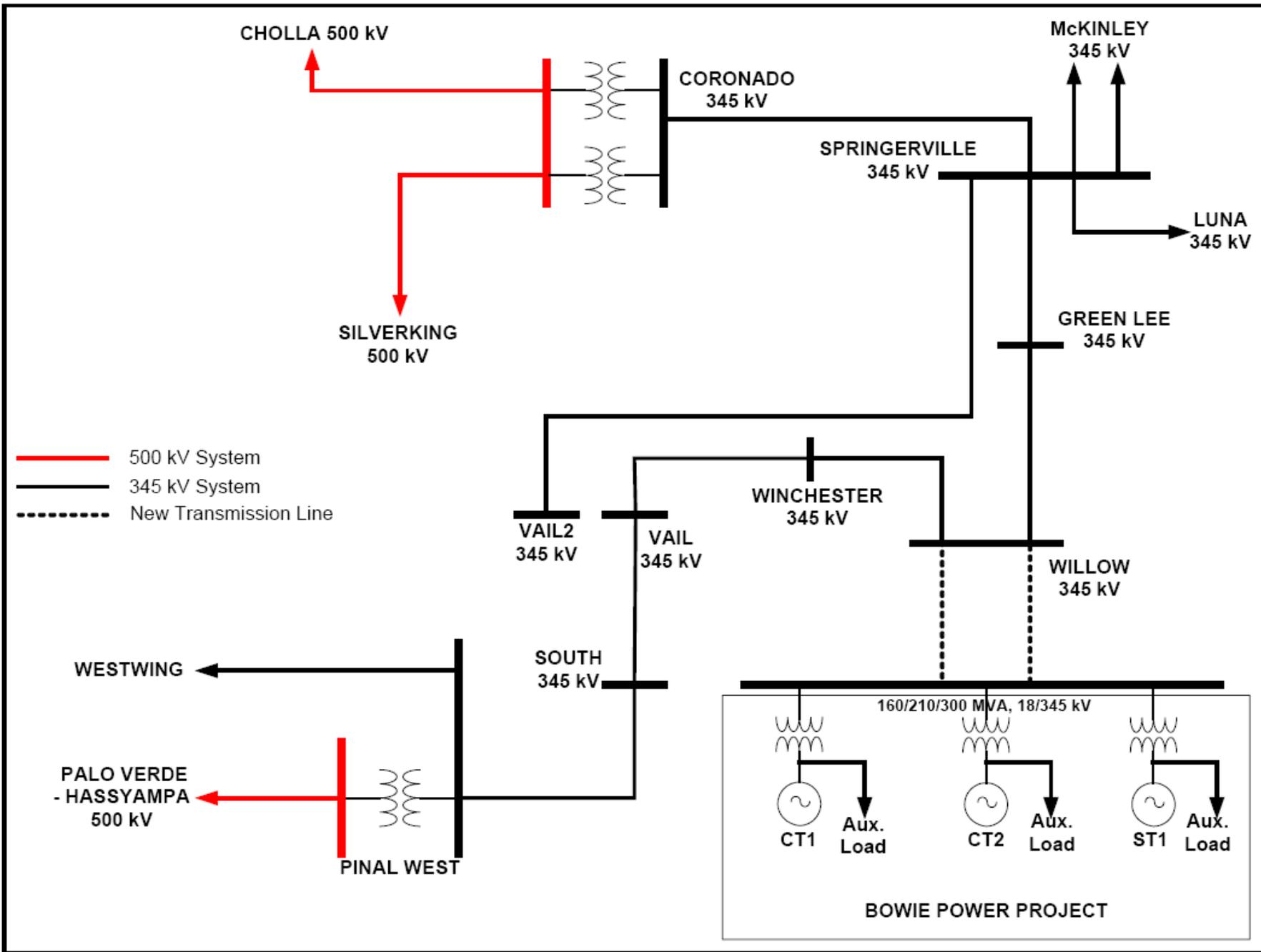


Figure 2: One-Line Diagram of the Bowie Project at the Interconnection point

ACC Permit Status



- The ACC issued Orders 64625, 64626, 69339, 70588 and 71951 for Bowie.
 - Decision No. 71951, dated 11/1/2010, the ACC granted Bowie a second extension on the durations of the CECs through 12/31/2020.
 - Decision No. 70588, dated 11/6/2008, approved adjustment to Bowie's approximately 15-mile, double-circuit 345 kV generator tie line on ASLD property. This line interconnects the Willow Substation to TEP's existing Greenlee-Winchester-Vail 345 kV line.

Interconnection Technical Studies



- Interconnection Request with TEP completed
- Initial System Impact Study (SIS) completed
- A SIS Re-Study is complete and a Final Report will be issued by TEP by 7/30/2012
- Facilities Study to be updated by 8/1/2012
- Execute Large Generator Interconnection Agreement (LGIA) by 8/31/2012
- File LGIA with FERC and ACC by 10/1/2012

Transmission Planning Forums



- Bowie Power Station through its owner Southwestern Power Group (SWPG) participates in:
 - Regional transmission planning forums
 - Southwest Area Transmission Group and its subcommittees
 - On going activities of WestConnect
- SWPG is a Class 3 member in good standing in the Western Electricity Coordinating Council



For more information:

www.bowiepower.com

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