

**Arizona Corporation Commission**  
**Biennial Transmission Assessment Workshop**  
**June 3 & 4, 2010**  
**Phoenix, AZ**

**BOWIE**  
POWER STATION

# 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 (including SATS)
  - On going activities of WestConnect
- SWPG is a Class 3 member in good standing in the Western Electricity Coordinating Council

# Permit Status



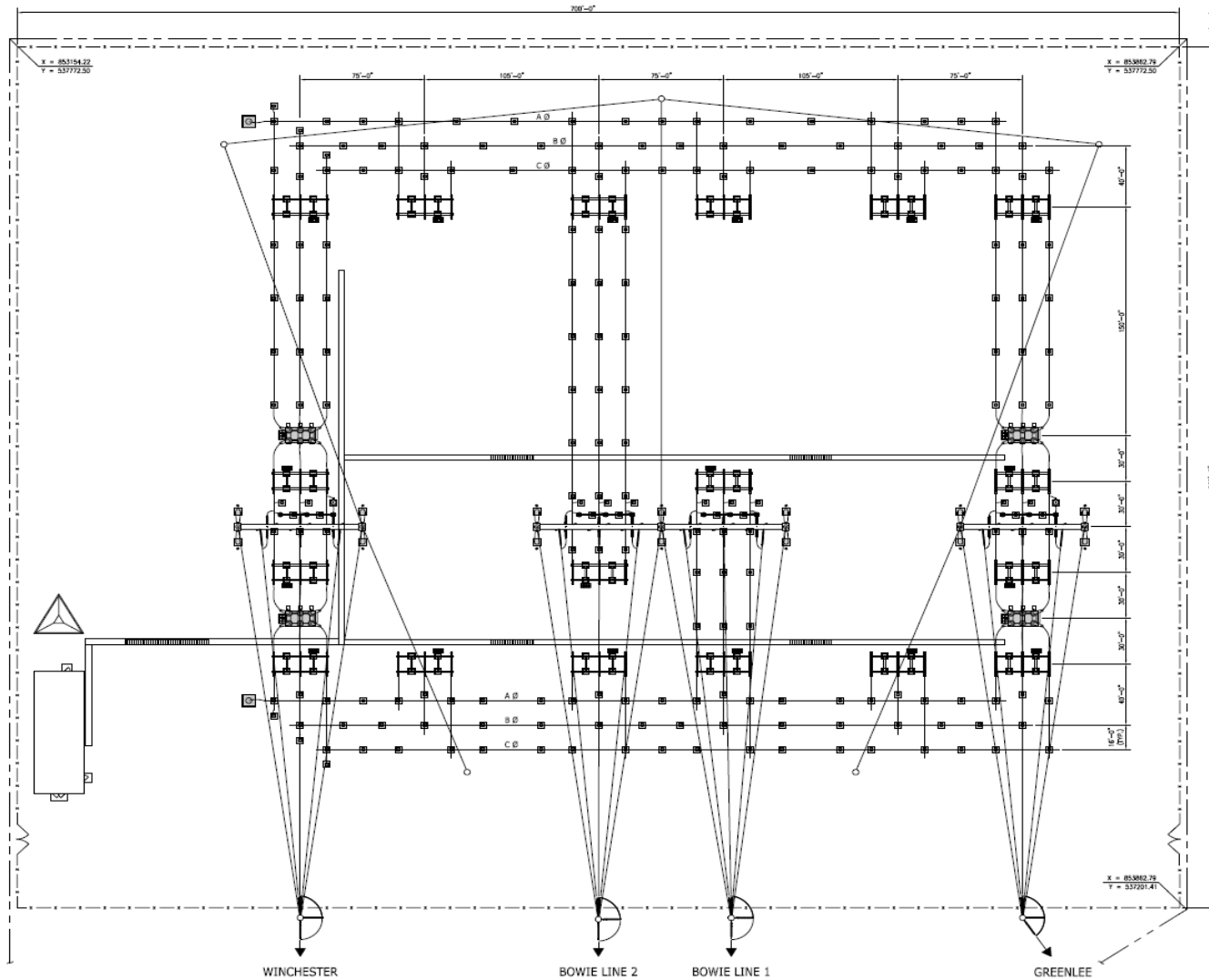
- Bowie Power Station (1000MW) was duly issued Certificates of Environmental Compatibility pursuant to ACC Orders 64625, 64626, 69339
  - Orders 64625 and 64626 issued March 7, 2002
  - Order 69339 issued February 20, 2007
- Bowie Power Station's 345 kV interconnection with Tucson Electric Power requires a land lease with ASLD for ROW
- ASLD ROW lease has been completed

# Technical Studies



- Interconnect Request with TEP completed
- Initial System Impact Study (SIS) completed
- Final SIS to be completed and report to be issued by TEP second quarter 2008
- Initiated Facility Study (FS) March 2008
- Final FS third quarter 2010
- Execute Interconnection Agreement (IA) fourth quarter 2010
- File IA with ACC first quarter 2011
- Execute Transmission Services Agreement with TEP to be determined

# Preliminary Switching Diagram



LEGEND:  
 --- PROPERTY LINE  
 - - - - - FENCE

REVISIONS	
1	BOWIE FACILITY STUDY POWER ENGINEERS, INC. 03/21/99

DESIGNED BY	DATE	APP. BY
DRAWN BY	DATE	APP. BY
CHECKED BY	DATE	APP. BY
INSTRUMENTED BY	DATE	APP. BY
SCALE		

AUTOCADD

Tucson Electric Power Company  
TUCSON, ARIZONA

Tucson Electric Power  
THE INITIAL GASV ARRANGEMENT  
WILLOW SWITCHYARD

TRSO

70WEL\_1

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NOTES  
 1. STRE PLANE COORDINATES ARE APPROXIMATE.

# Websites



For more information on Bowie Power Station:

[www.bowiepower.com](http://www.bowiepower.com)

[www.southwesternpower.com](http://www.southwesternpower.com)