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ARIZONA CORPORATION COMMISSION  
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January 29, 2009

Ernest Johnson  
Director, Utilities Division  
Arizona Corporation Commission  
1200 West Washington St.  
Phoenix, Arizona 85007

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JAN 29 2009

ARIZONA CORPORATION COMMISSION  
DIRECTOR, UTILITIES

RE: ARIZONA PUBLIC SERVICE COMPANY TEN-YEAR PLAN  
Docket No. E-00000D-09-0020


Dear Mr. Johnson:

In compliance with A.R.S. § 40-360.02, enclosed please find Arizona Public Service Company's ("APS") 2009-2018 Ten-Year Plan for major transmission facilities, which includes the internal planning criteria and system ratings as required by Arizona Corporation Commission ("ACC") Decision No. 63876 (July 25, 2001). The Ten-Year Plan as well as other APS reliability-related infrastructure investments are premised on a number of assumptions including future growth, resource mix, the regulatory treatment of such investments by the ACC and the Federal Energy Regulatory Commission ("FERC"), other state and federal policies affecting transmission, and, of course, APS's ability to finance large investments of this nature on commercially-reasonable terms.

The 2009-2018 Ten-Year Plan describes planned transmission lines of 115 kV or higher that APS may construct over the next 10 years. This Ten-Year Plan includes approximately 181 miles of new 500 kV transmission lines, 96 miles of new 230 kV transmission lines, 6 miles of new 115kV transmission lines, and 15 new bulk transformers. The APS investment needed to construct these projects is currently estimated to exceed \$990 million. When completed, these projects are expected to add approximately 2,000 MW of additional Extra-High Voltage scheduling capability, as well as 3,008 MW of import capability into the Metropolitan Phoenix Area and 232 MW of import capability into Yuma. These new transmission projects, coupled with additional distribution and sub-transmission investments, will support reliable power delivery in APS's service area, Arizona, and in the western United States.

If you or your staff have any questions regarding the enclosed information, please contact Jeff Johnson at (602) 250-2661.

Sincerely,

  
Leland R. Snook

Cc: Docket Control (Original, plus 13 copies)  
John Foreman, Assistant Attorney General  
Brian Bozzo, Compliance & Enforcement

Enclosures