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AZ CORP COMMISSION
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RELIANT ENERGY SIGNAL PEAK, LLC

TEN-YEAR PLAN 2002-2011

January 31, 2002

Arizona Corporation Commission

DOCKETED

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**Reliant Energy Ten-Year Plan
2002-2011**

SIGNAL PEAK INTERCONNECTION PROJECT

Line Designation	Signal Peak Interconnection
Description	
(a) Voltage	230 kV AC
(b) Capacity	TBD
(c) Point of Origin	Signal Peak Power Plant, Casa Grande, Arizona Section 13, T6S, R5E G&SRB&M
(d) Intermediate Point	None
(e) Point of Termination	One 230 kV circuit would terminate at the Knox substation; the other 230 kV circuit would terminate at the Schrader substation.
(f) Length	Approximately 30 miles of transmission line per circuit; a portion of the proposed route would likely be double- circuited.

Route

Route selection and analysis has not been completed. It is anticipated that the route would proceed to the north of the future Signal Peak Generation Station as a double-circuit transmission line, and would parallel Interstate 10 or existing transmission lines towards Chandler, Arizona. At some point on the route, the circuits would diverge with one circuit proceeding to the Knox Substation and one circuit proceeding to the Schrader Substation.

Purpose

The Signal Peak Interconnection Project would interconnect a planned 1160 MW power plant in Casa Grande, Arizona, with the transmission system in the Metropolitan Phoenix Area. Reliant Energy Signal Peak, LLC ("Reliant"), presently anticipates that the transmission lines would be constructed by an existing transmission owner. Reliant anticipates that this transmission project would be included with an Application for a Certificate of Environmental Compatibility for the power plant when filed in the future. Technical study work and stability analysis supporting this project has been included in Reliant's Power Plant Plan for Signal Peak, which was filed as a confidential filing with the Utilities Division Staff on July 19, 2001. This 10-Year Plan filing is, pursuant to A.R.S. § 40-360.02(F), tentative and subject to change at Reliant's discretion.

Expected Project Dates

Construction Start Date	TBD
In-Service Date	2005

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