

Arizona Corporation Commission

2010 Biennial Transmission Assessment Workshop

10 Year Transmission Plans



A UniSource Energy Company



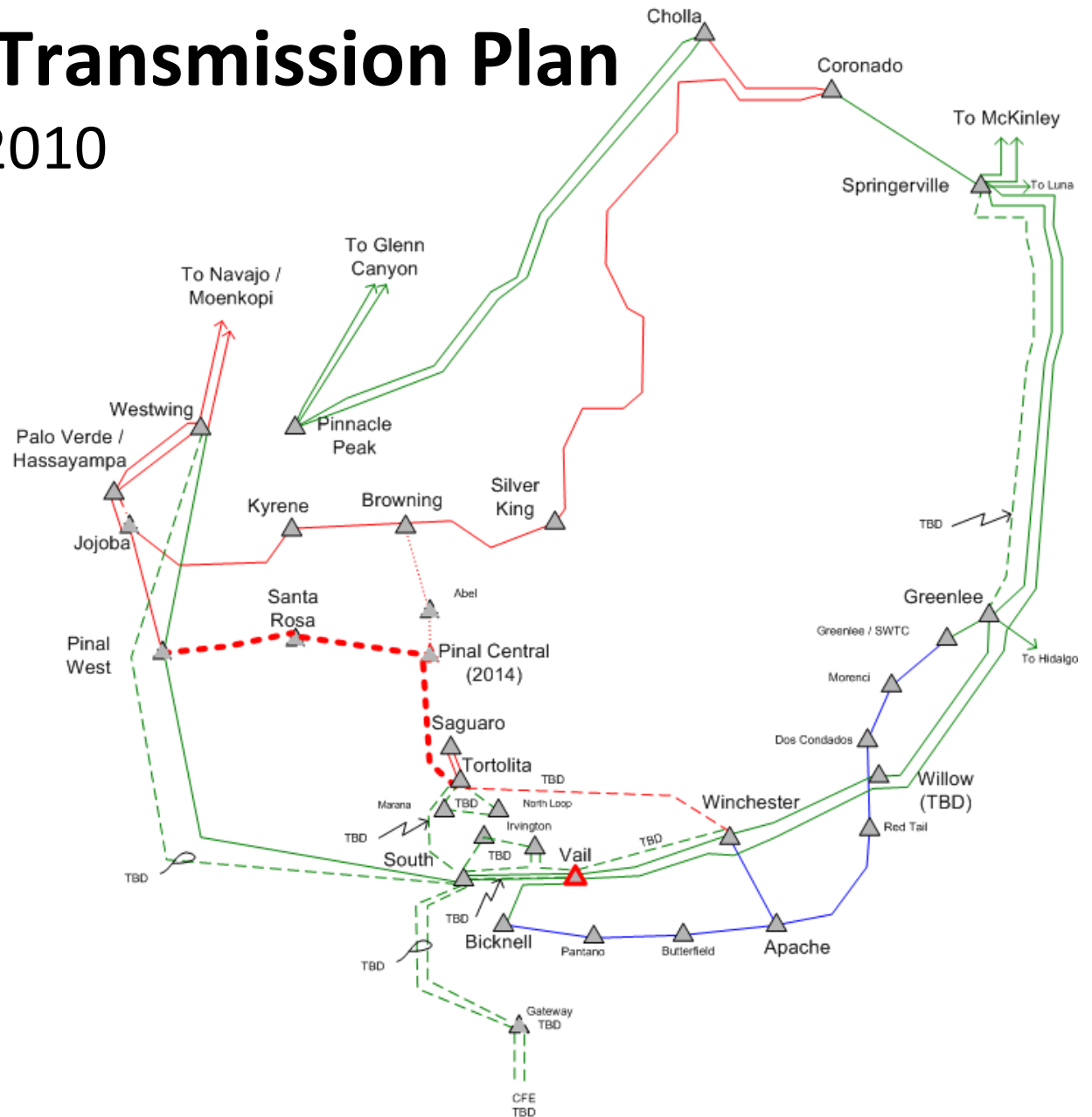
Tucson Electric Power Company
UNS Electric, Inc.

Overview of 10 Year Transmission Plans

1. TEP 10 Year Plan filed in 2010
2. UNS Electric 10 Year Plan filed in 2010
 - Mohave County
 - Santa Cruz County

TEP's 10 Year Transmission Plan

As of January 31, 2010



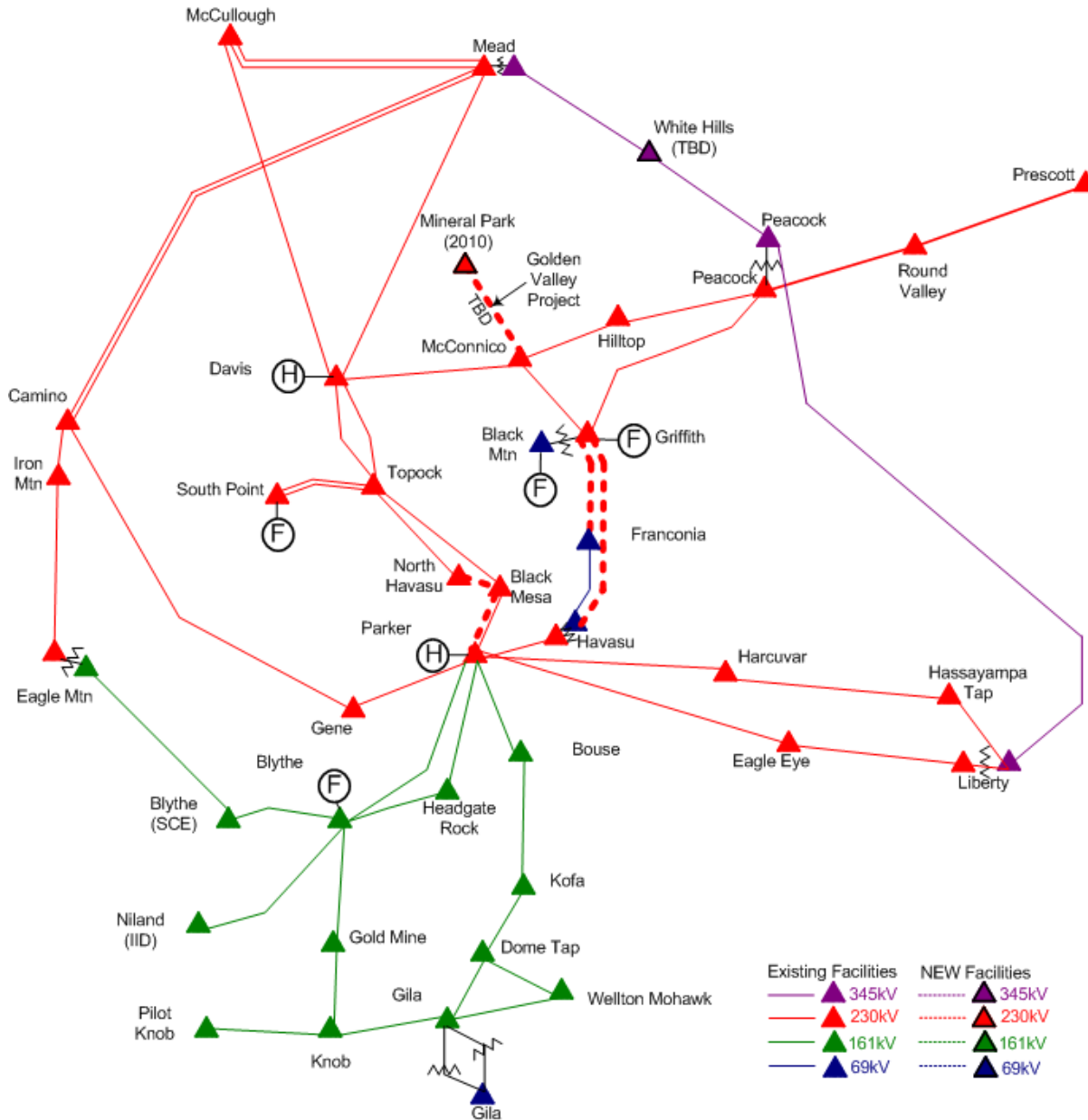
UNS Electric's 10 Year Transmission Plan

- UNS Electric's 10 Year Plan as of January 31, 2010 for Mohave County and Santa Cruz County

UNS Electric's 10 Year Transmission Plan

Mohave County

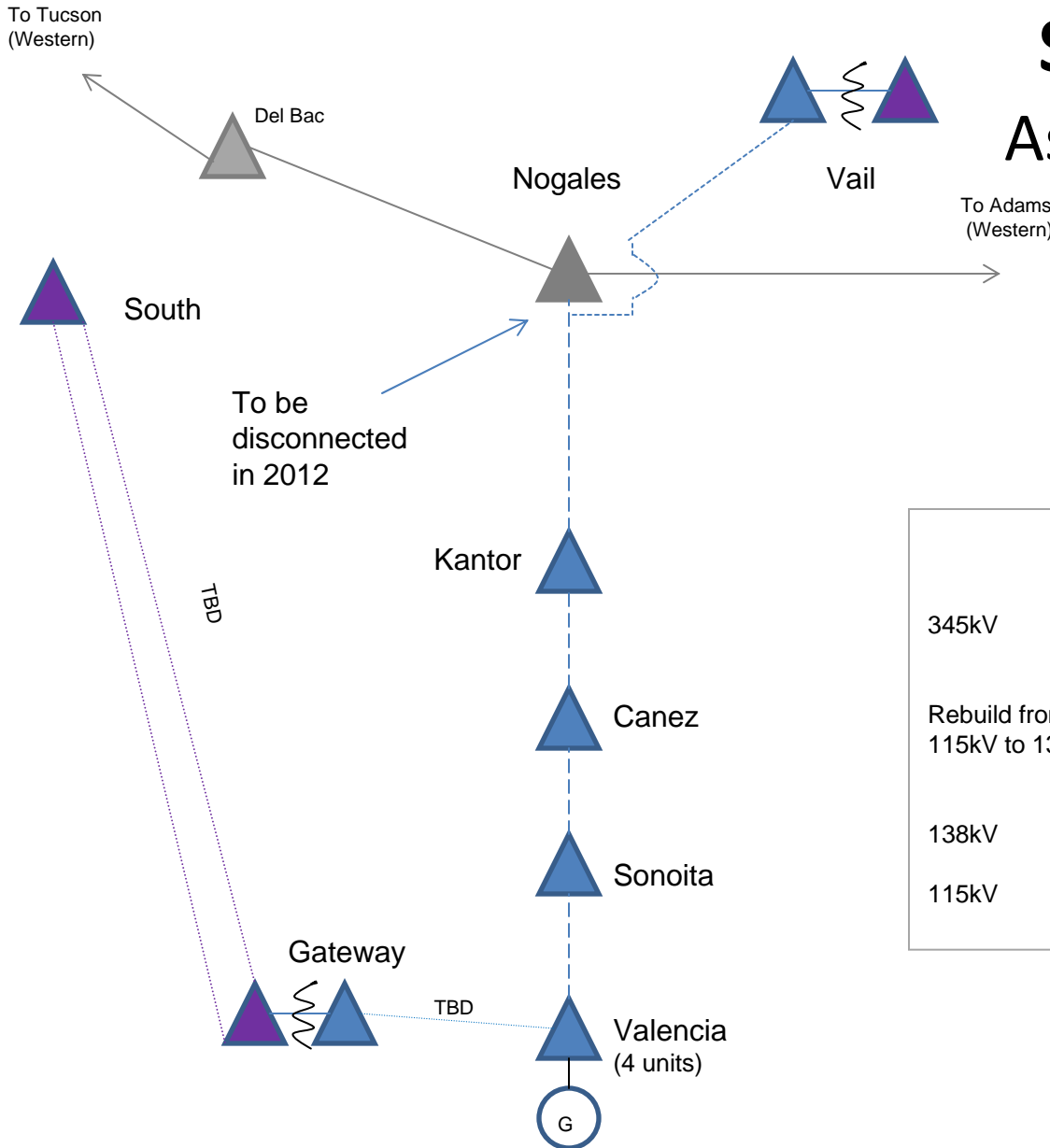
As of January 31, 2010



Existing Facilities	NEW Facilities
—▲ 345kV	- - -▲ 345kV
—▲ 230kV	- - -▲ 230kV
—▲ 161kV	- - -▲ 161kV
—▲ 69kV	- - -▲ 69kV

UNS Electric's 10 Year Transmission Plan

Santa Cruz County As of January 31, 2010



	SUBSTATION	LINE
345kV		
Rebuild from 115kV to 138kV		
138kV		
115kV		