

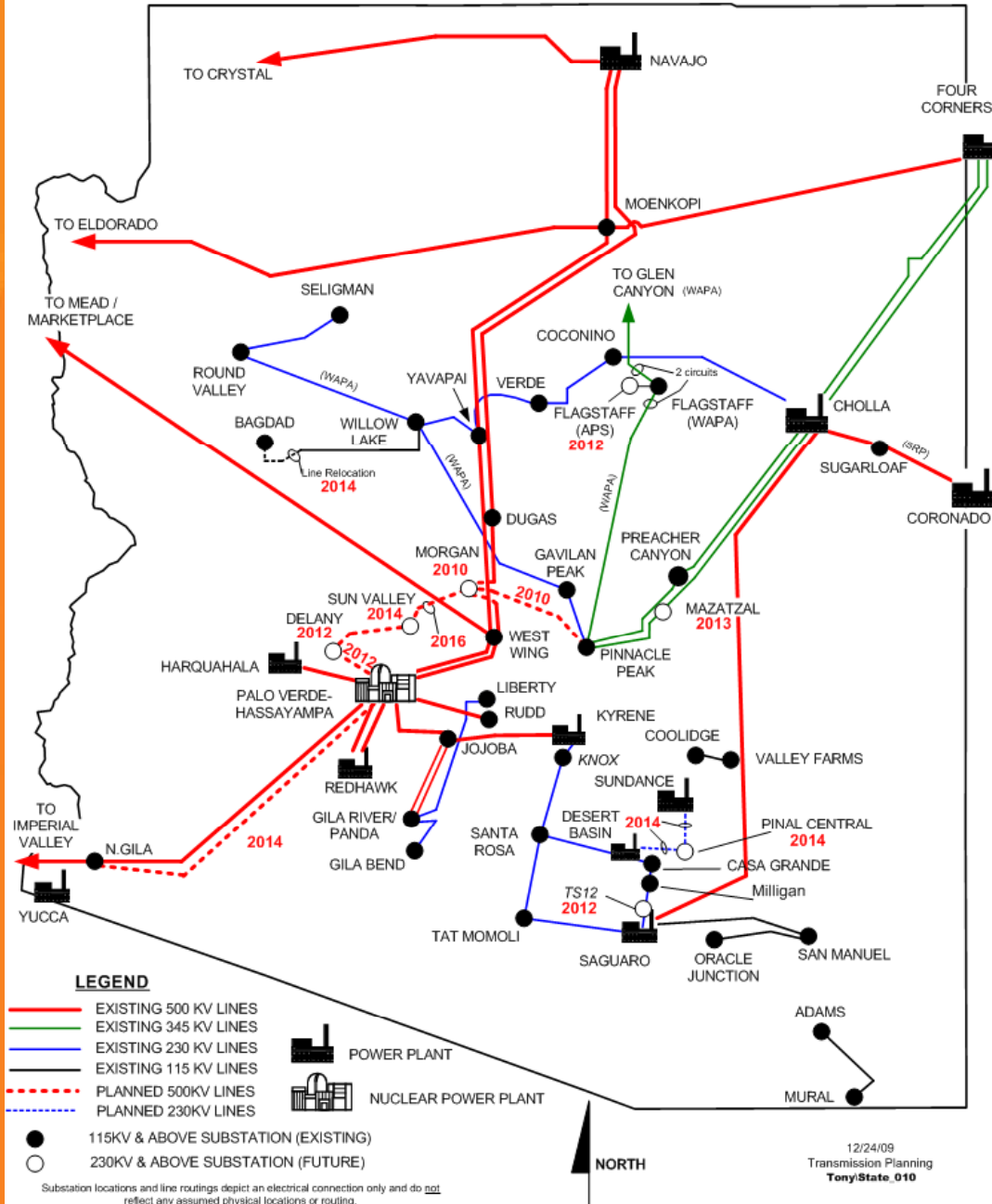
# APS Ten-Year Plans 2010-2019 6<sup>th</sup> BTA Presentation

John Lucas

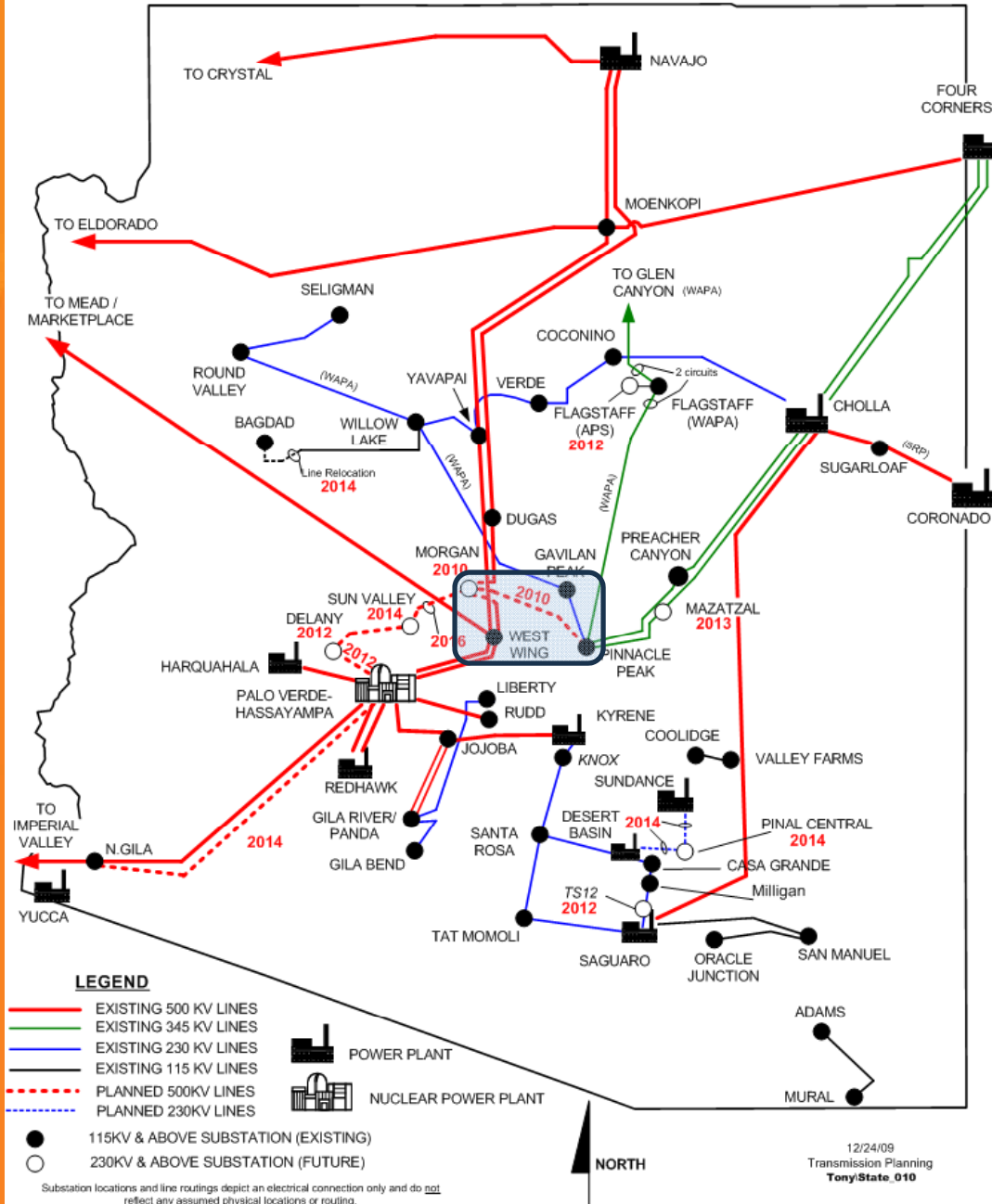
Manager Transmission & Distribution Planning, APS



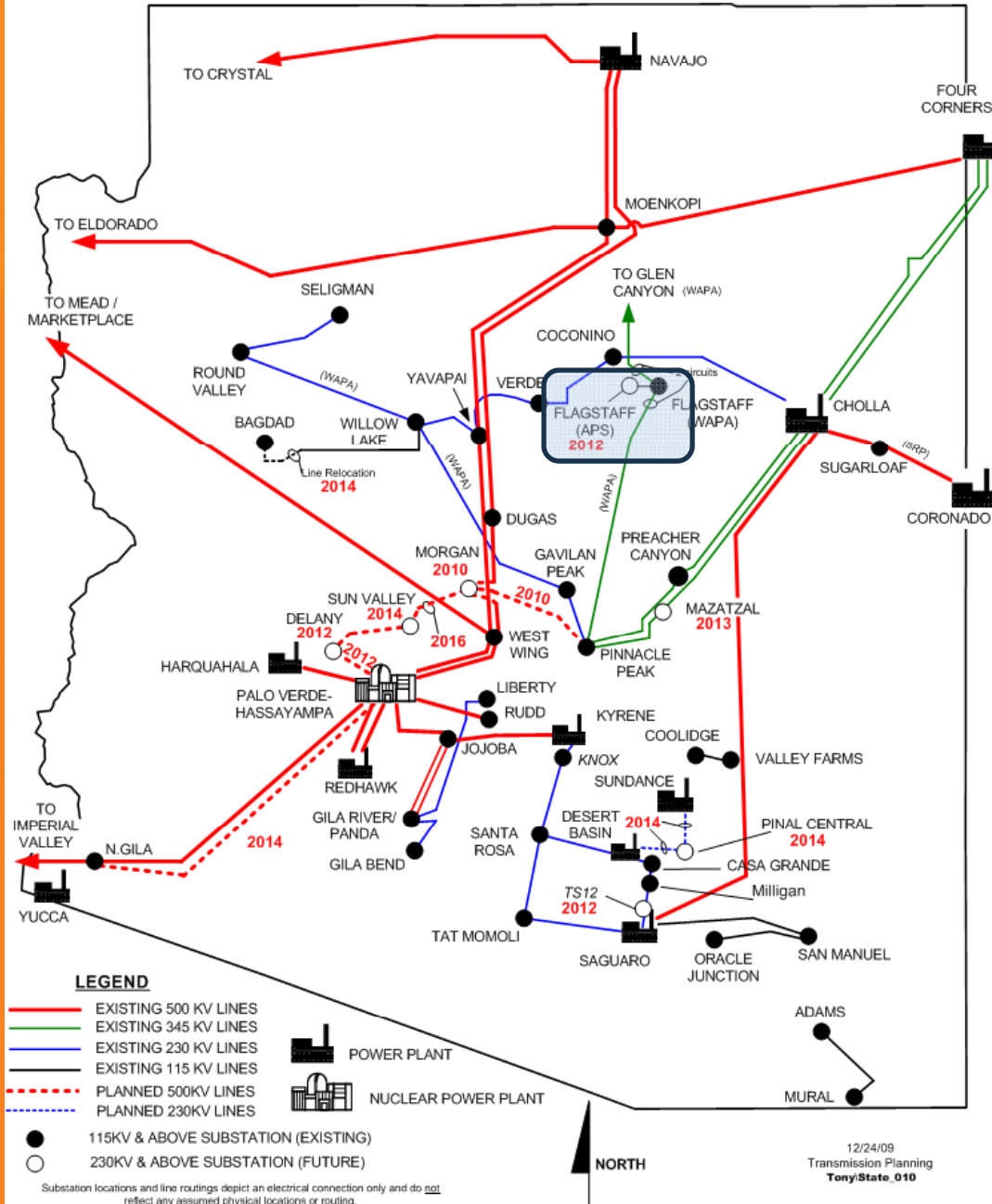
# APS EHV & OUTER DIVISION 115/230 KV TRANSMISSION PLANS 2010 - 2019



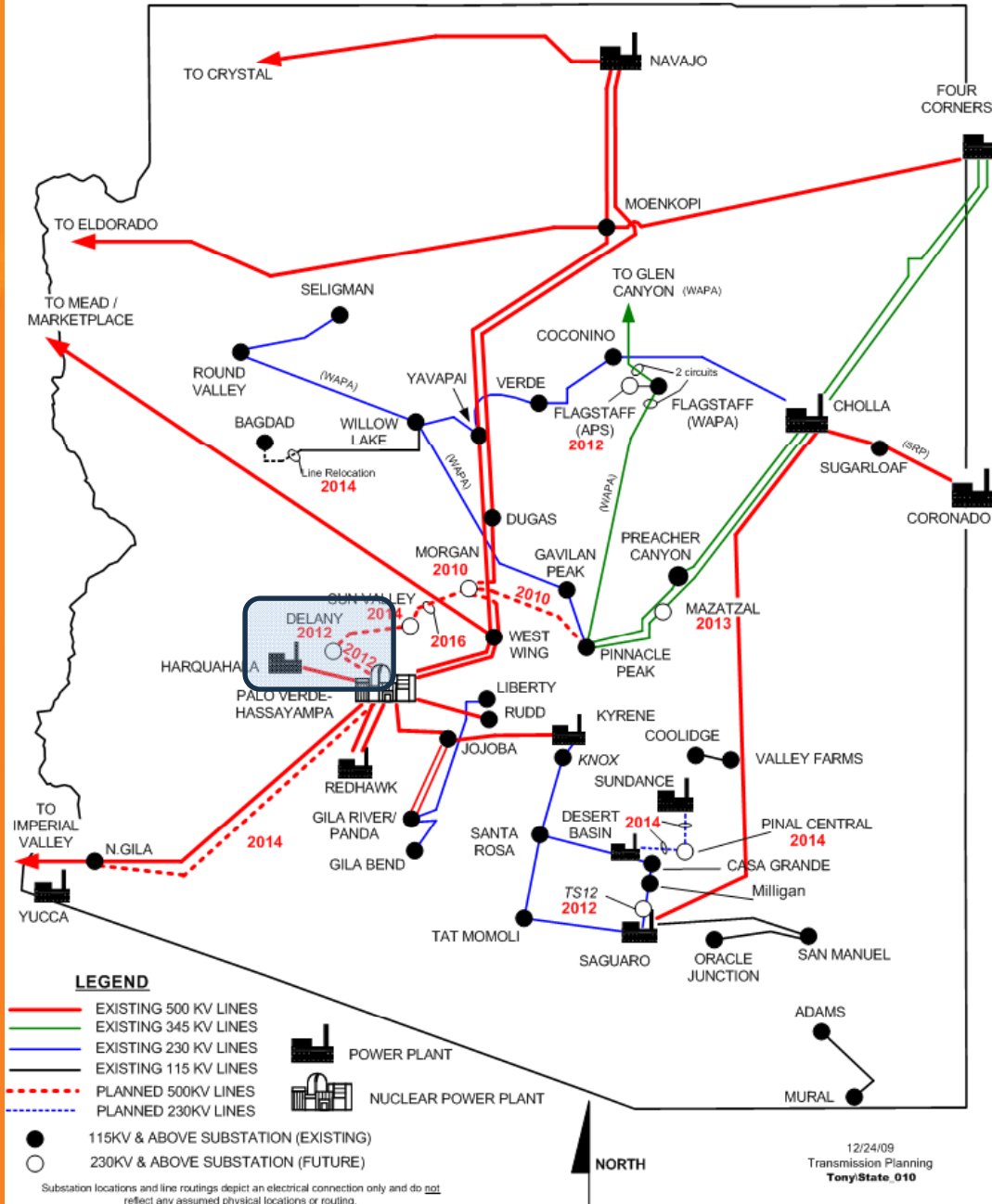
# APS EHV & OUTER DIVISION 115/230 KV TRANSMISSION PLANS 2010 - 2019



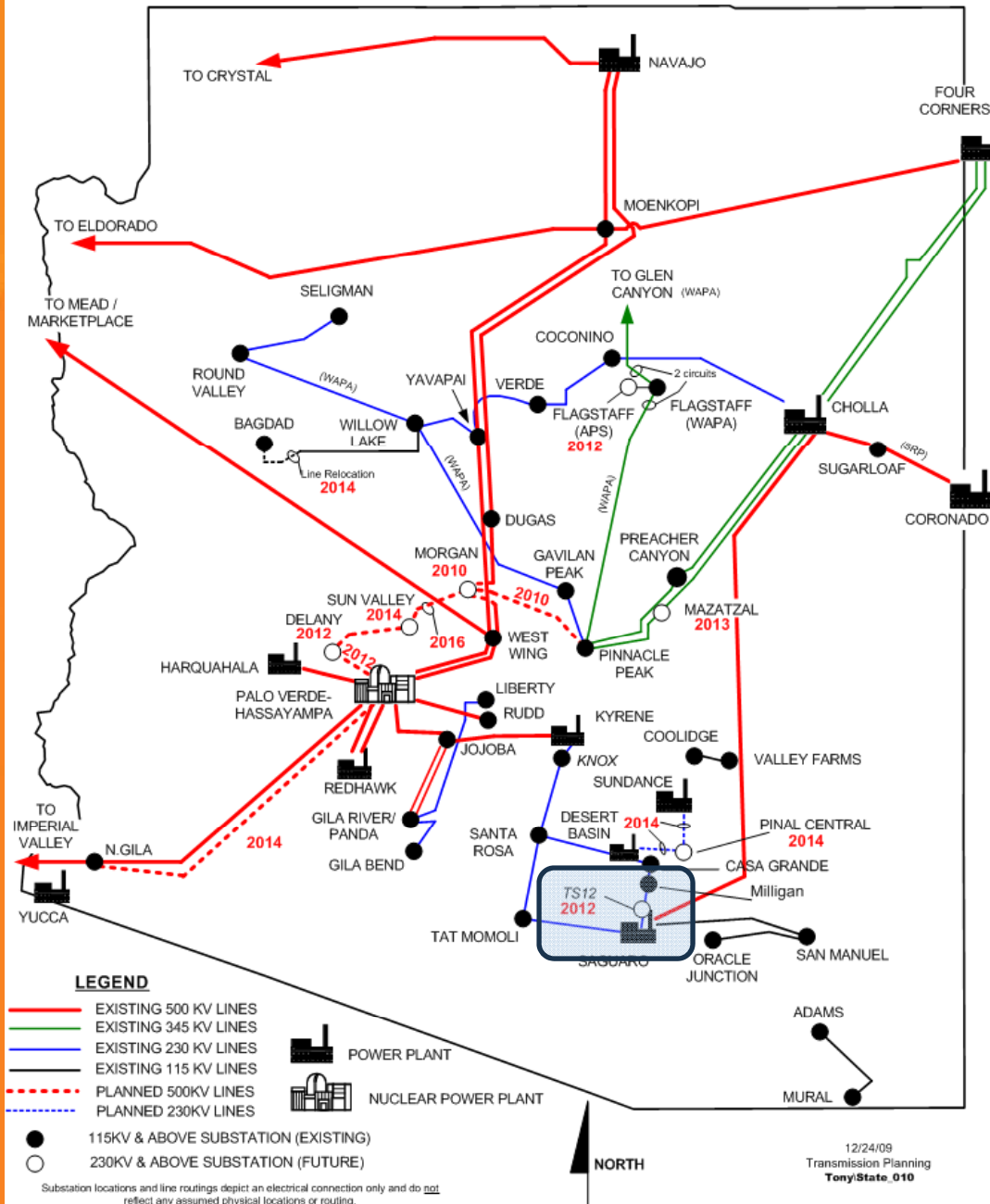
# APS EHV & OUTER DIVISION 115/230 KV TRANSMISSION PLANS 2010 - 2019



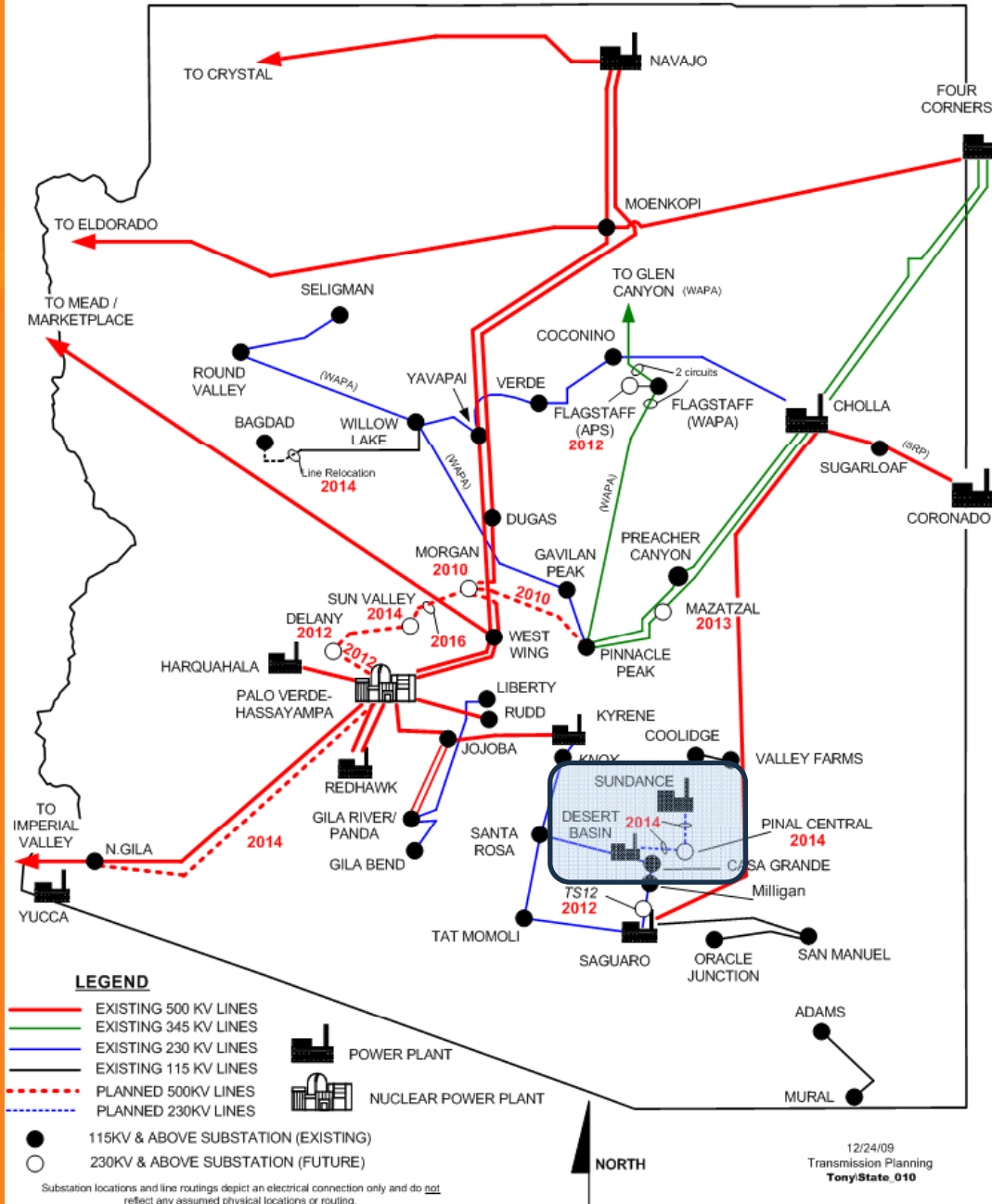
# APS EHV & OUTER DIVISION 115/230 KV TRANSMISSION PLANS 2010 - 2019



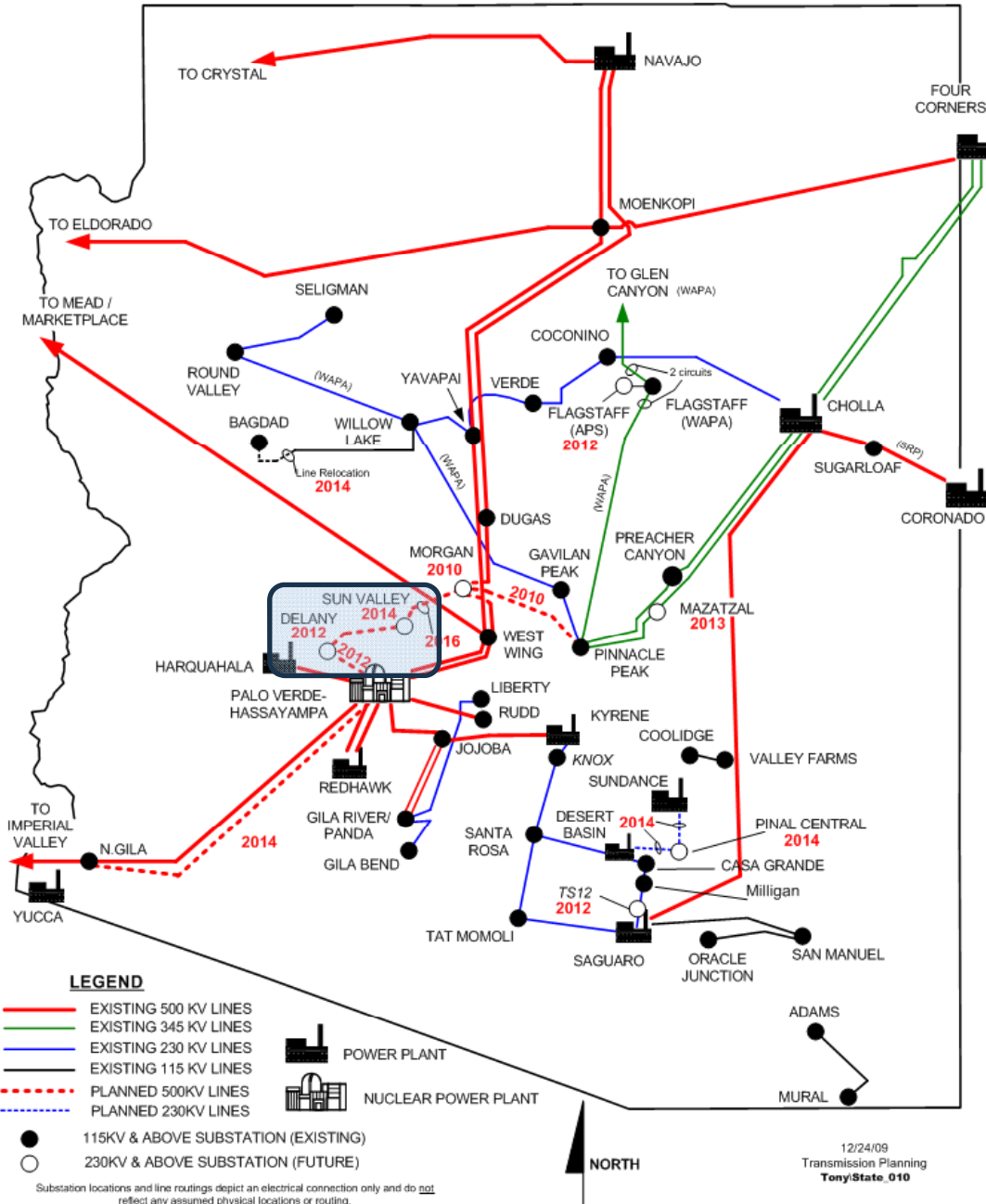
# APS EHV & OUTER DIVISION 115/230 KV TRANSMISSION PLANS 2010 - 2019



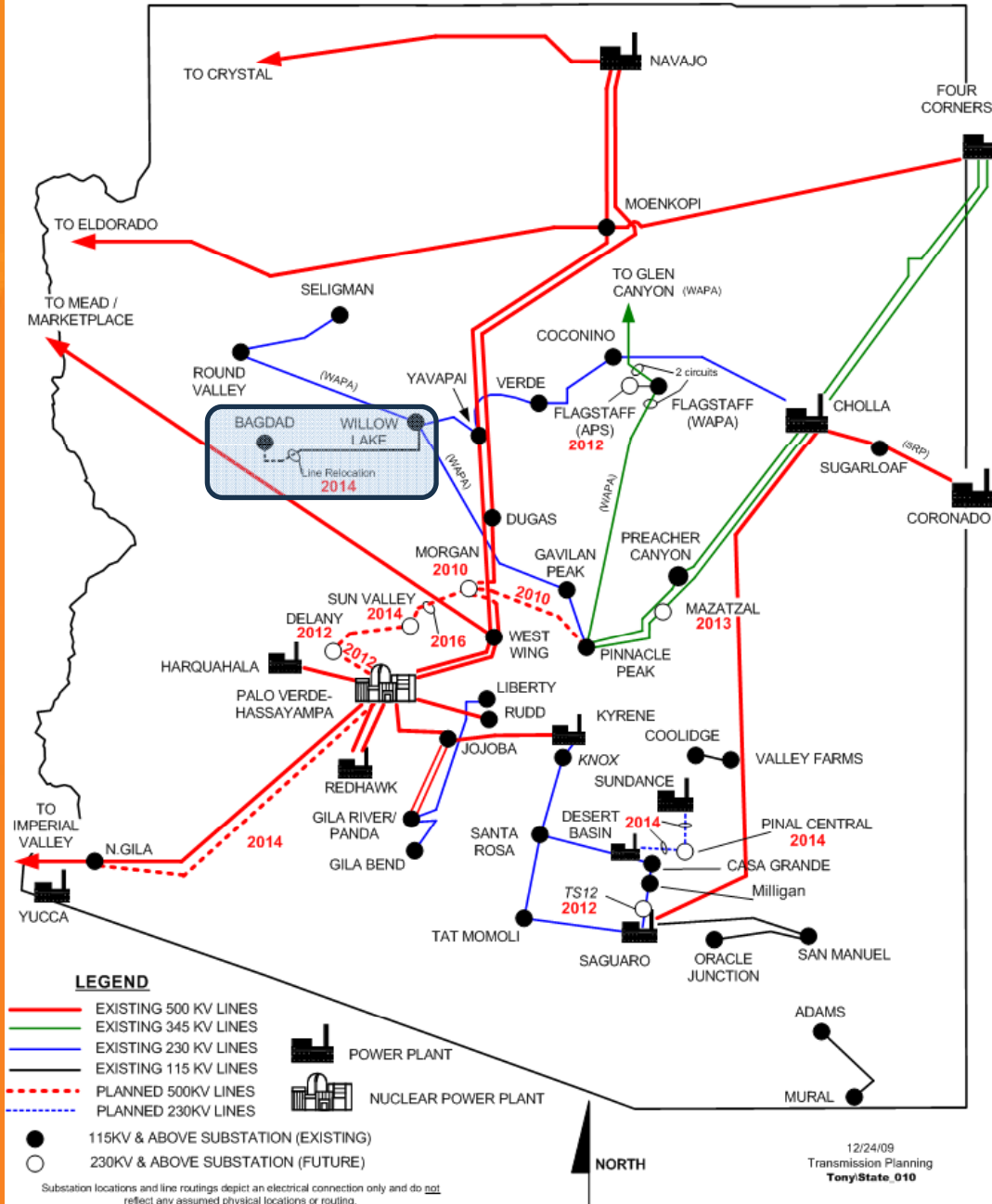
# APS EHV & OUTER DIVISION 115/230 KV TRANSMISSION PLANS 2010 - 2019



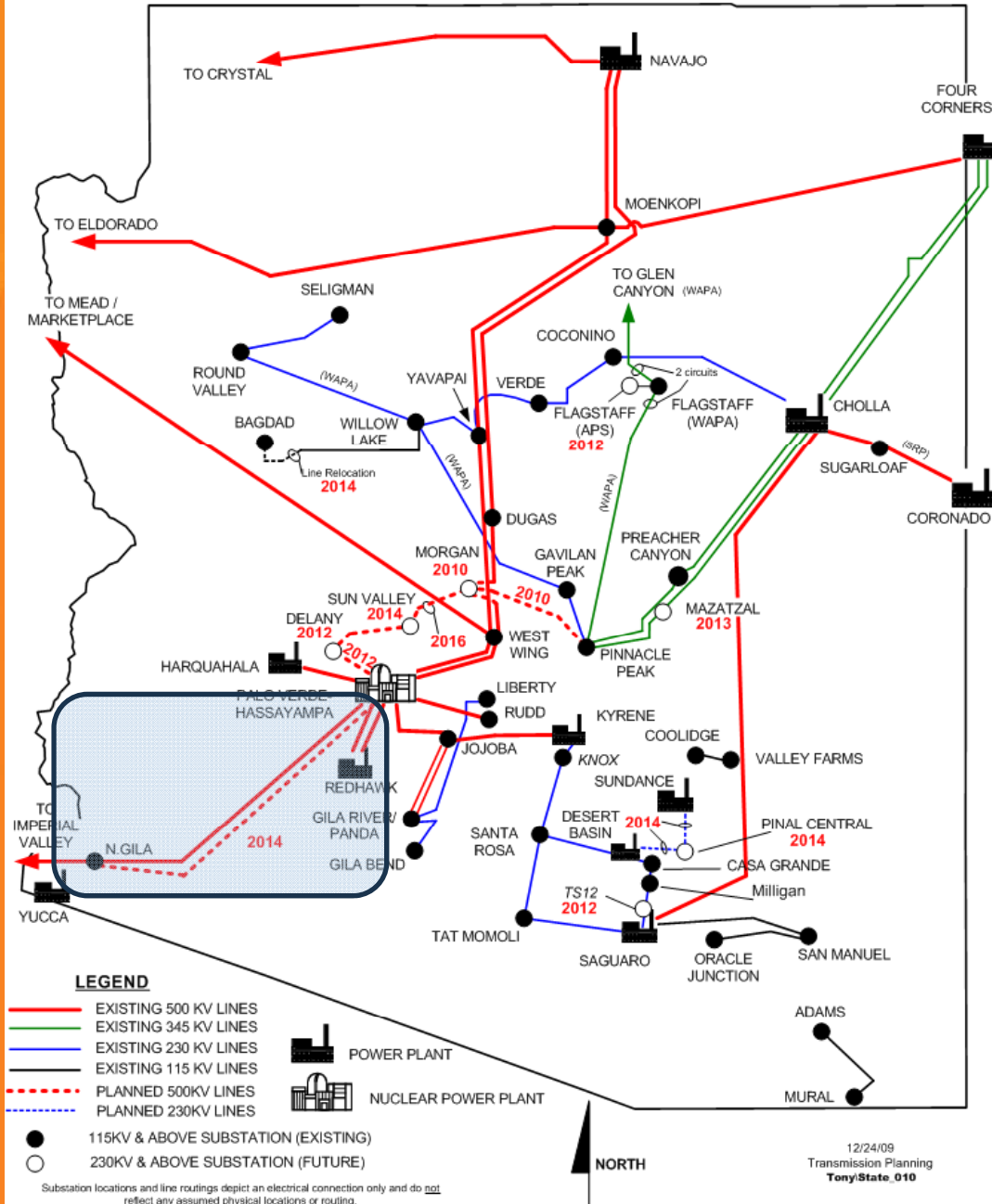
# APS EHV & OUTER DIVISION 115/230 KV TRANSMISSION PLANS 2010 - 2019



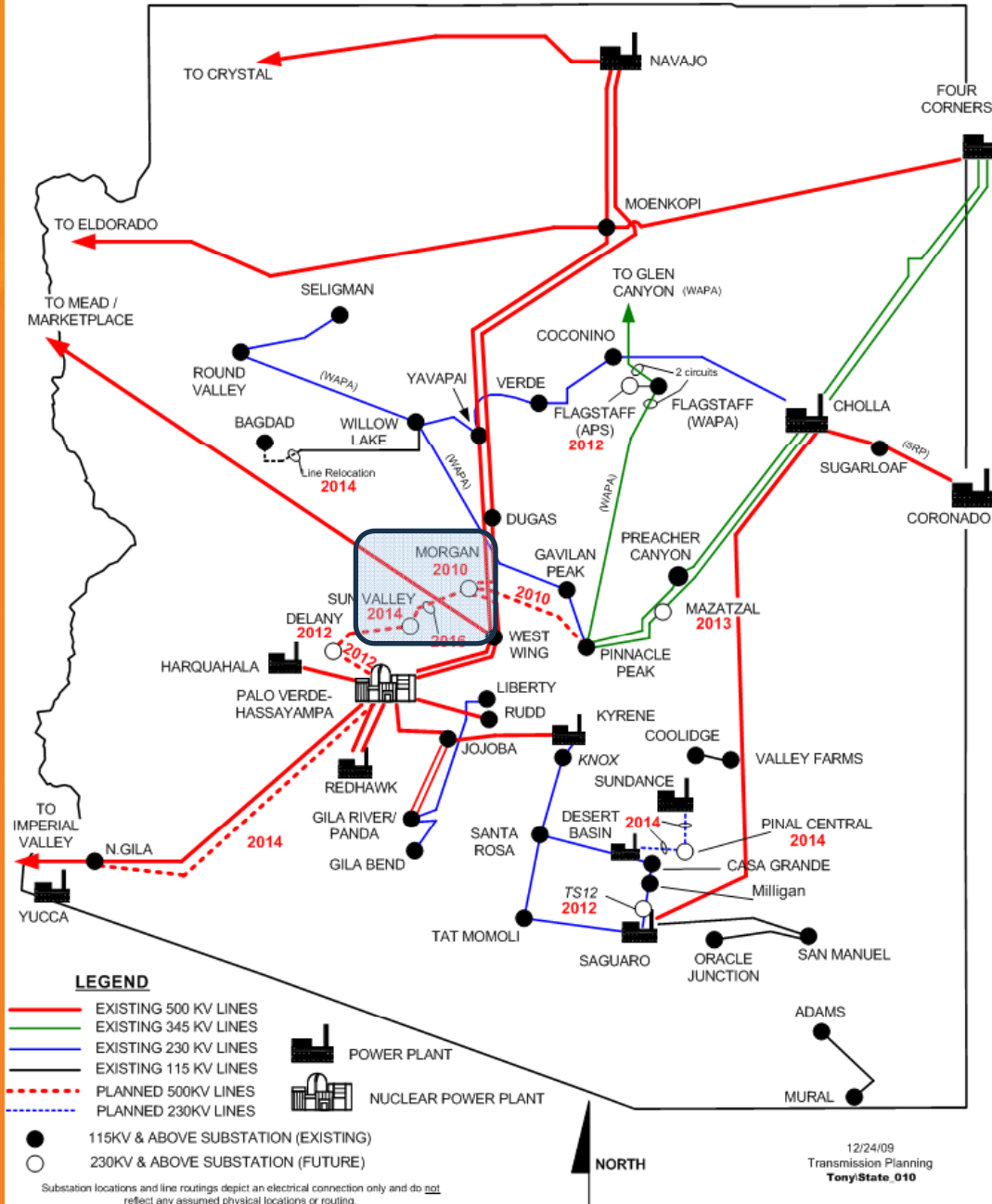
# APS EHV & OUTER DIVISION 115/230 KV TRANSMISSION PLANS 2010 - 2019



# APS EHV & OUTER DIVISION 115/230 KV TRANSMISSION PLANS 2010 - 2019

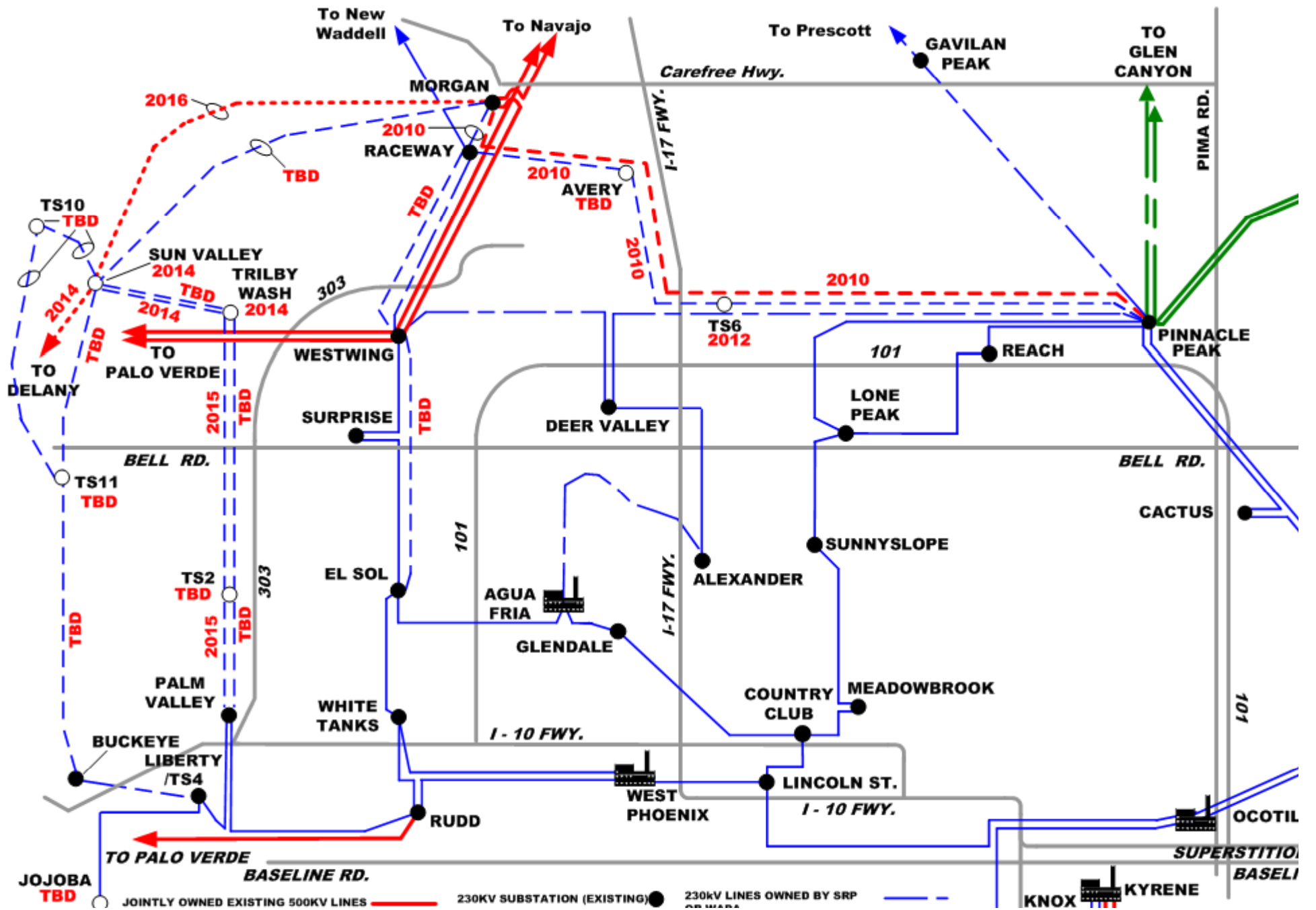


# APS EHV & OUTER DIVISION 115/230 KV TRANSMISSION PLANS 2010 - 2019



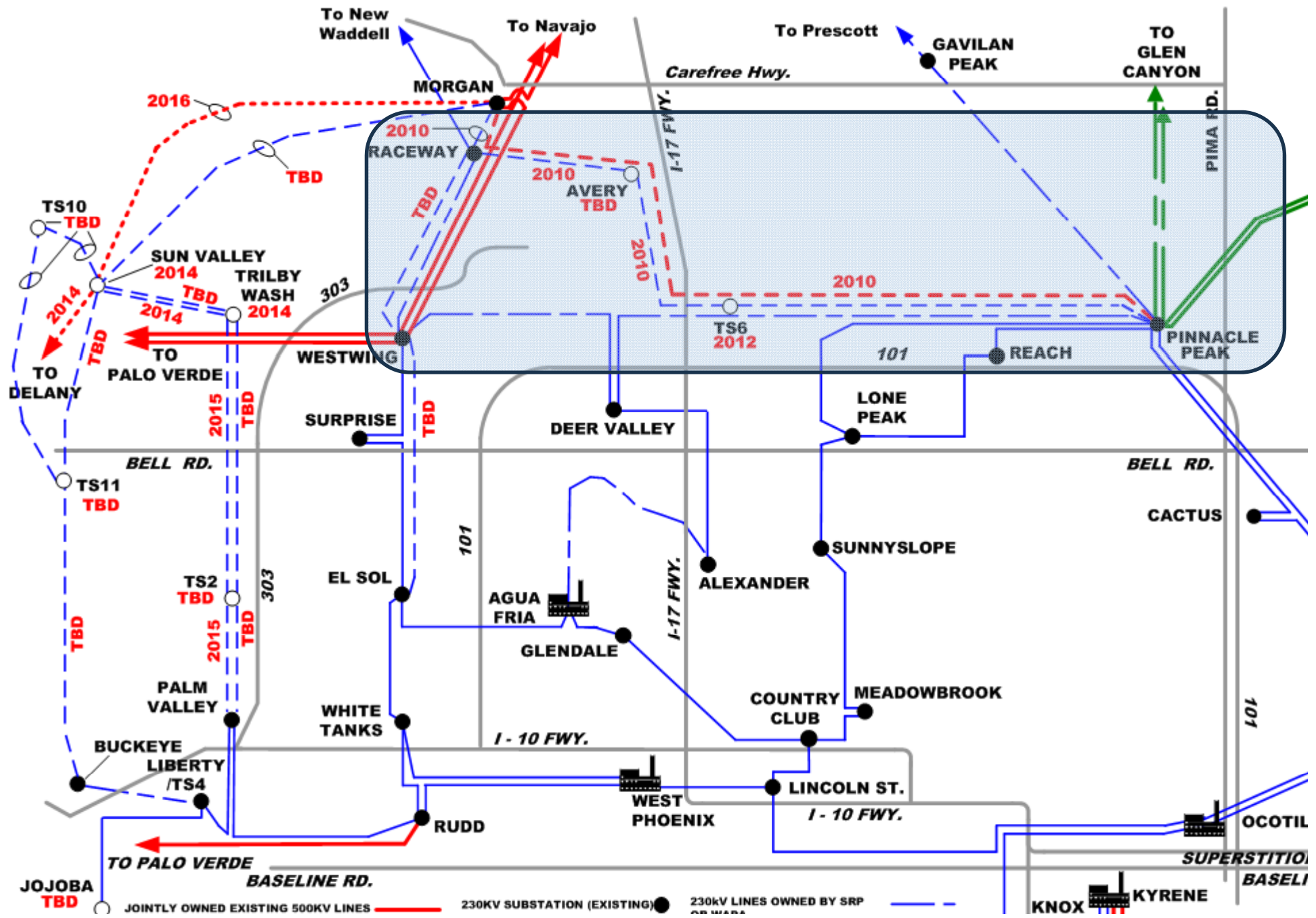


# PHOENIX METROPOLITAN AREA TRANSMISSION PLANS 2010-20



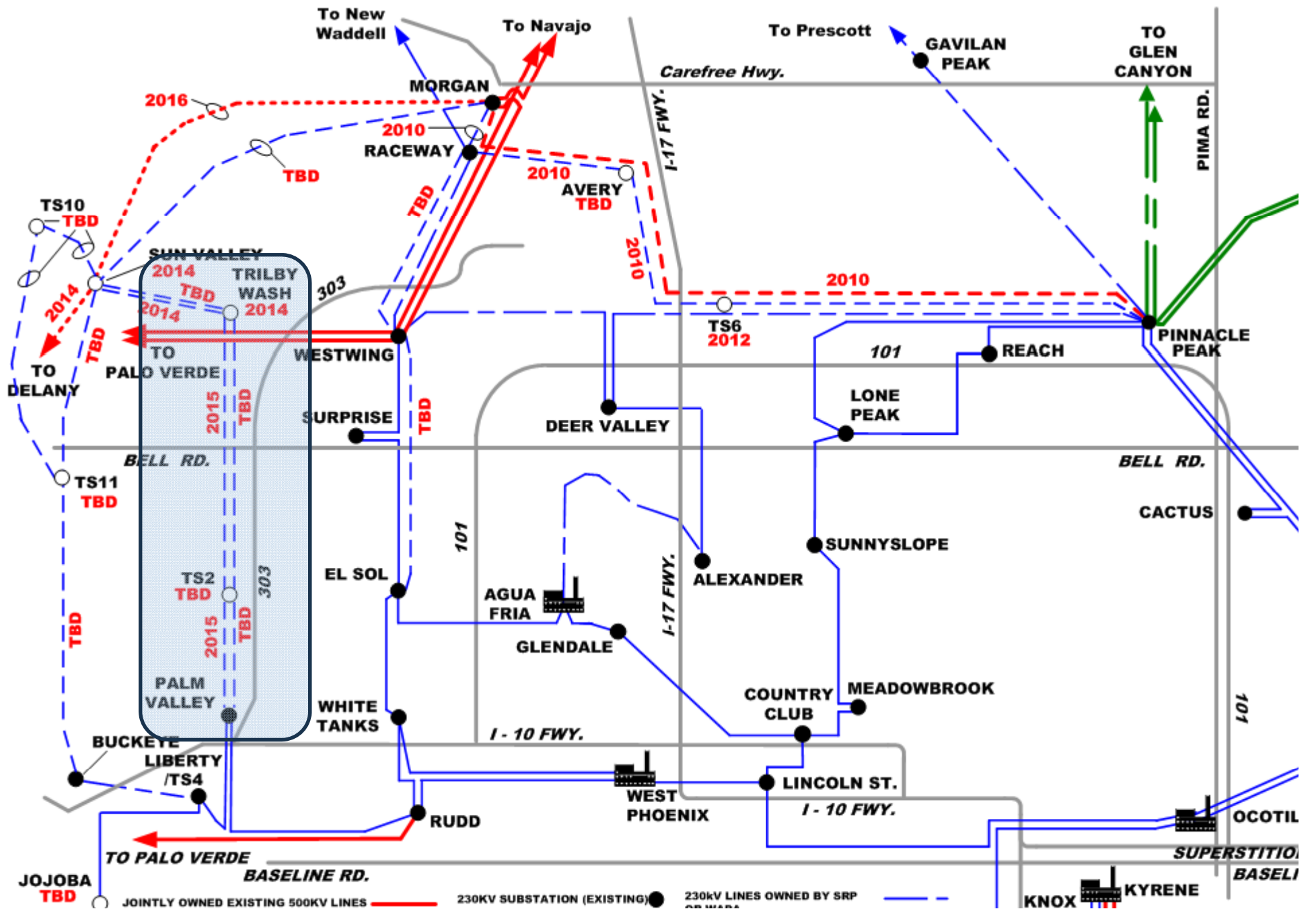


# PHOENIX METROPOLITAN AREA TRANSMISSION PLANS 2010-20

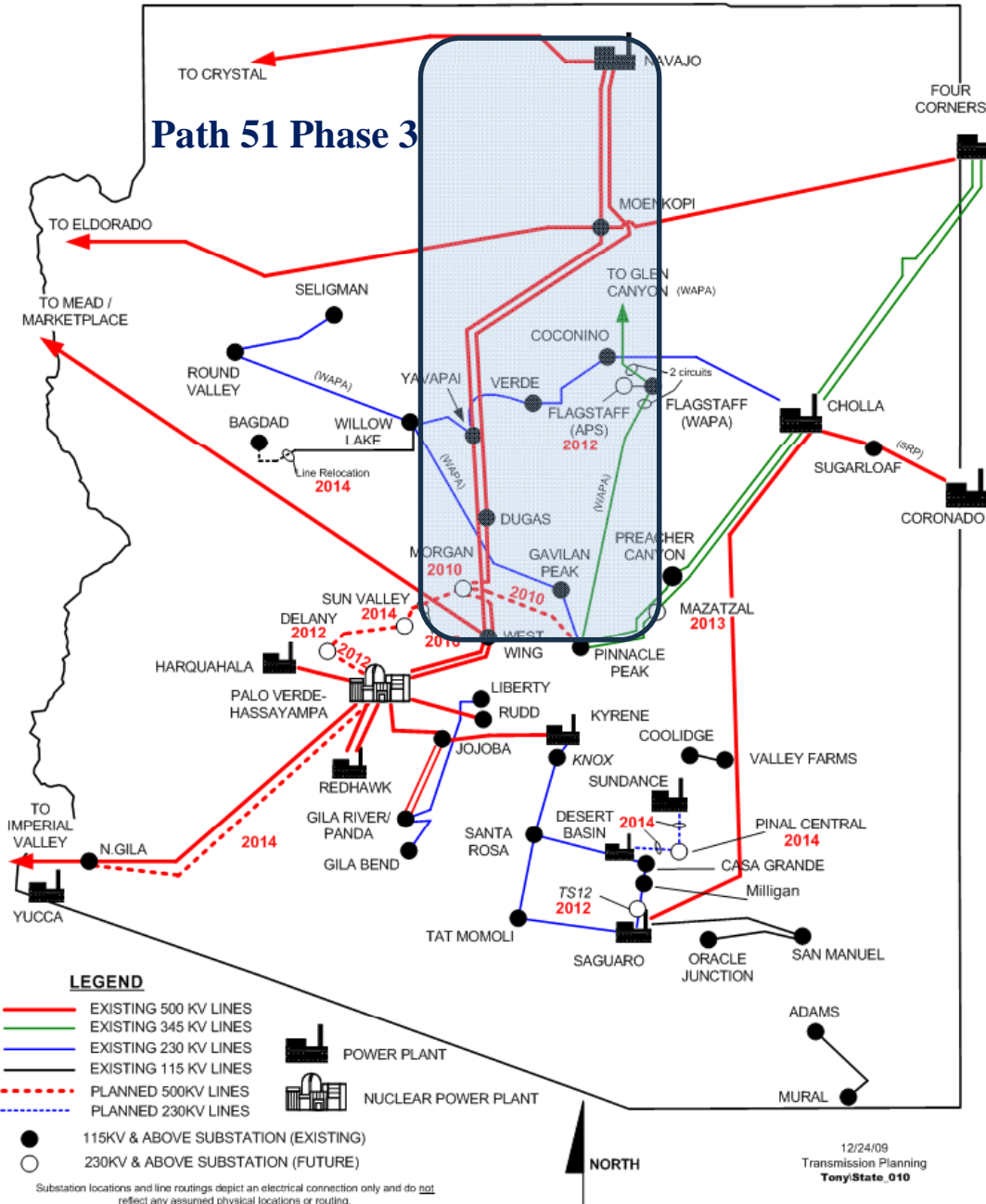




# PHOENIX METROPOLITAN AREA TRANSMISSION PLANS 2010-20



# APS EHV & OUTER DIVISION 115/230 KV TRANSMISSION PLANS 2010 - 2019



# Changes from 2008 to 2010

## Project

## Status

**Sugarloaf 500/69KV  
Substation**

**Completed**

**Dugas 500/69KV Substation**

**Completed**

**Milligan 230/69 kV Substation**

**Completed**

**Flagstaff 345/69kV  
interconnection**

**Changed to I/S date of 2012**

**Delany-Sun Valley 500kV**

**Changed to I/S date of 2014**

# Changes from 2008 to 2010

## Project

Sun Valley – Morgan 500kV

Delany – Palo Verde 500kV

Palo Verde – North Gila 500kV

Sundance – Pinal Central  
230kV

Pinal Central – Desert Basin  
230kV

## Status

Changed to I/S date of 2016

Changed From Harquahala –  
Delany

Changed to I/S date of 2014

Changed to I/S date of 2014

Changed to I/S date of 2014

# Changes from 2008 to 2010

## Project

## Status

TS12 230/69kV Substation

Changed to I/S date of 2012

Avery 230/69kV Substation

Changed to I/S date of TBD

Sun Valley – Trilby Wash 230kV

Changed to I/S date of 2014

Trilby Wash – Palm Valley 230kV

Changed to I/S date of 2015

TS2 230/69kV Substation

Changed to I/S date of TBD

Jojoba loop-in of TS4-Panda  
230kV

Changed to I/S date of TBD

# QUESTIONS?