

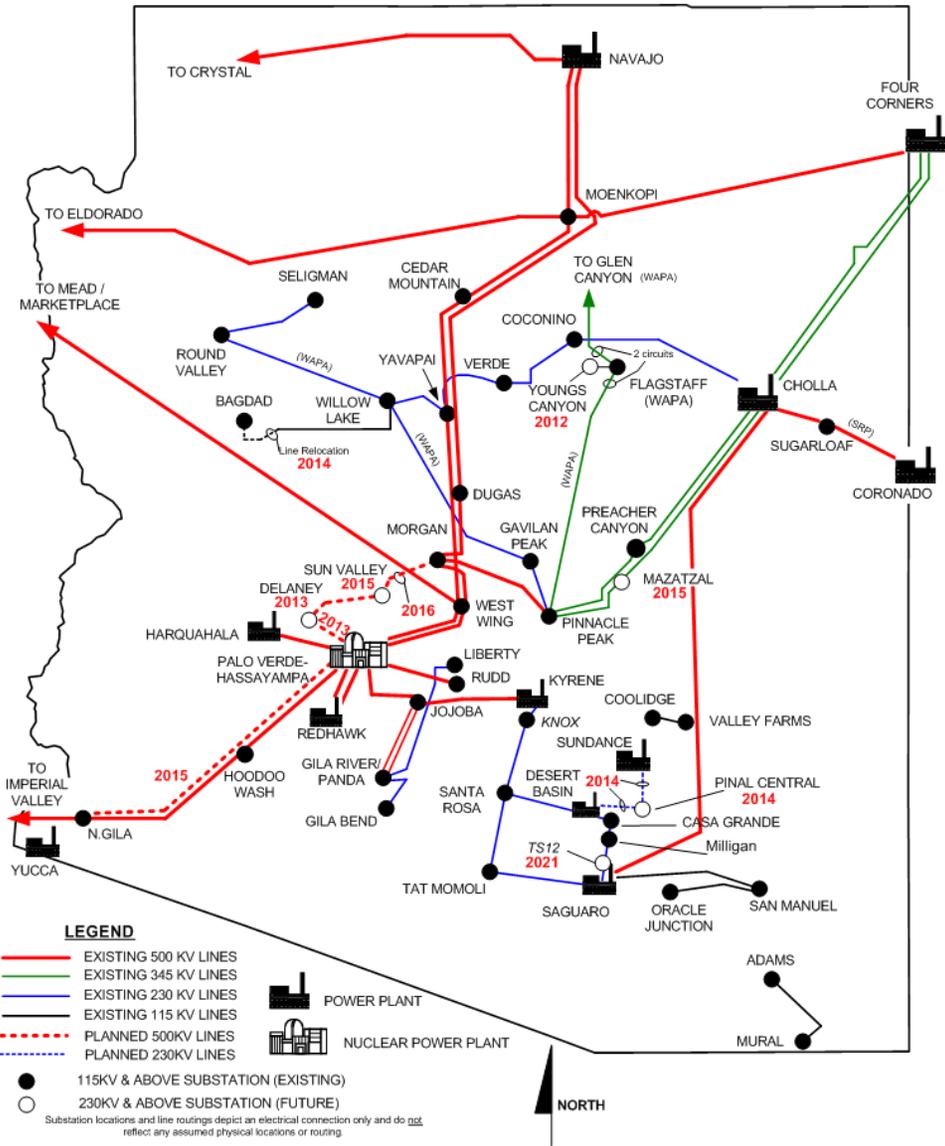
APS Ten Year Transmission Plan 2012-2021

Barbara McMinn, Manager
APS T&D Planning, Siting & Land Services

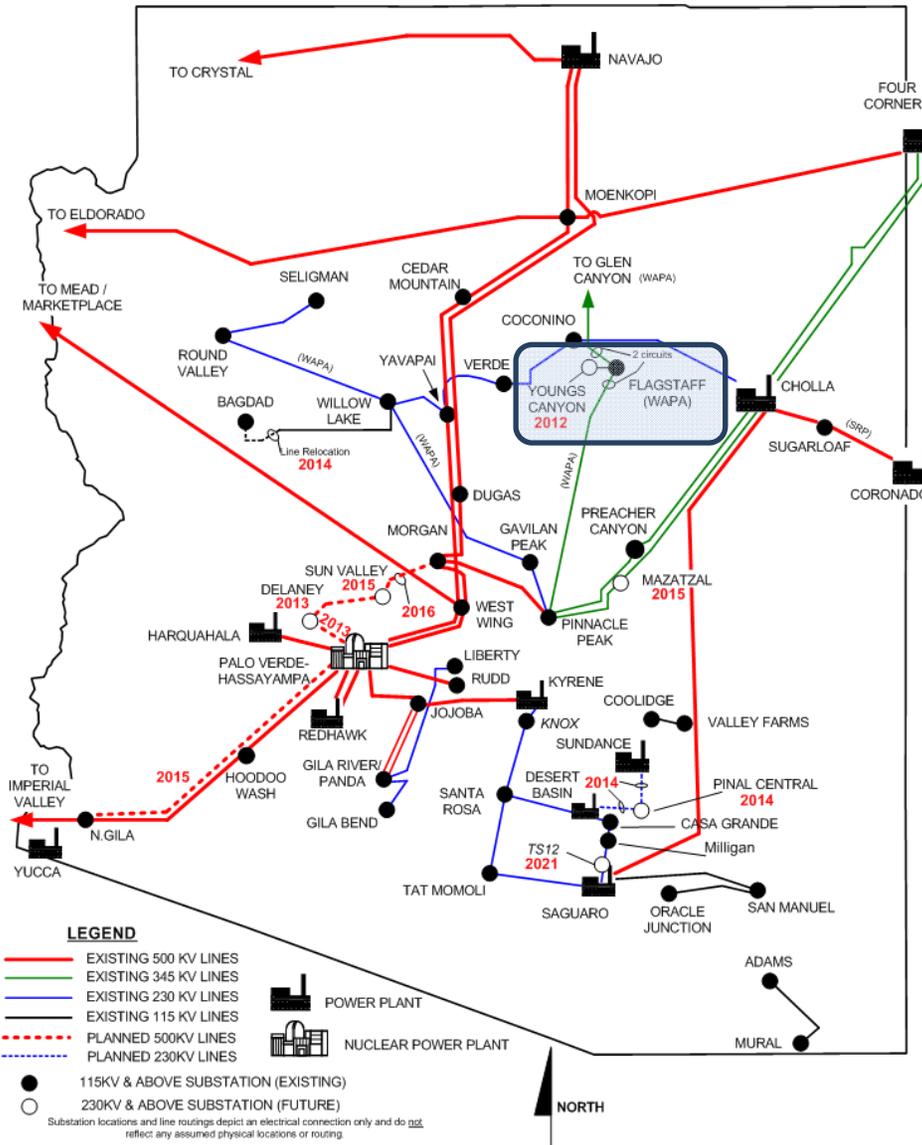
7th BTA Workshop #1
July 10, 2012



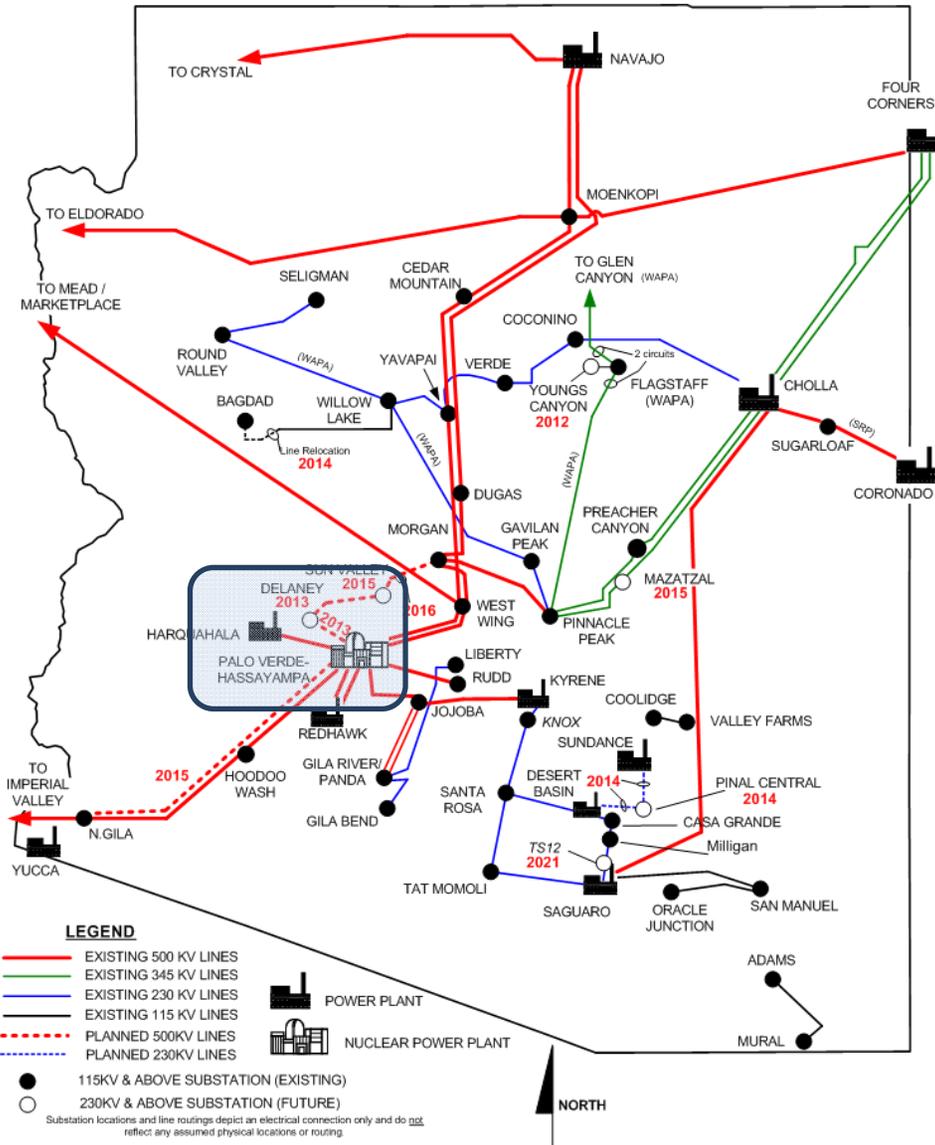
APS EHV & OUTER DIVISION 115/230 KV TRANSMISSION PLANS 2012 - 2021



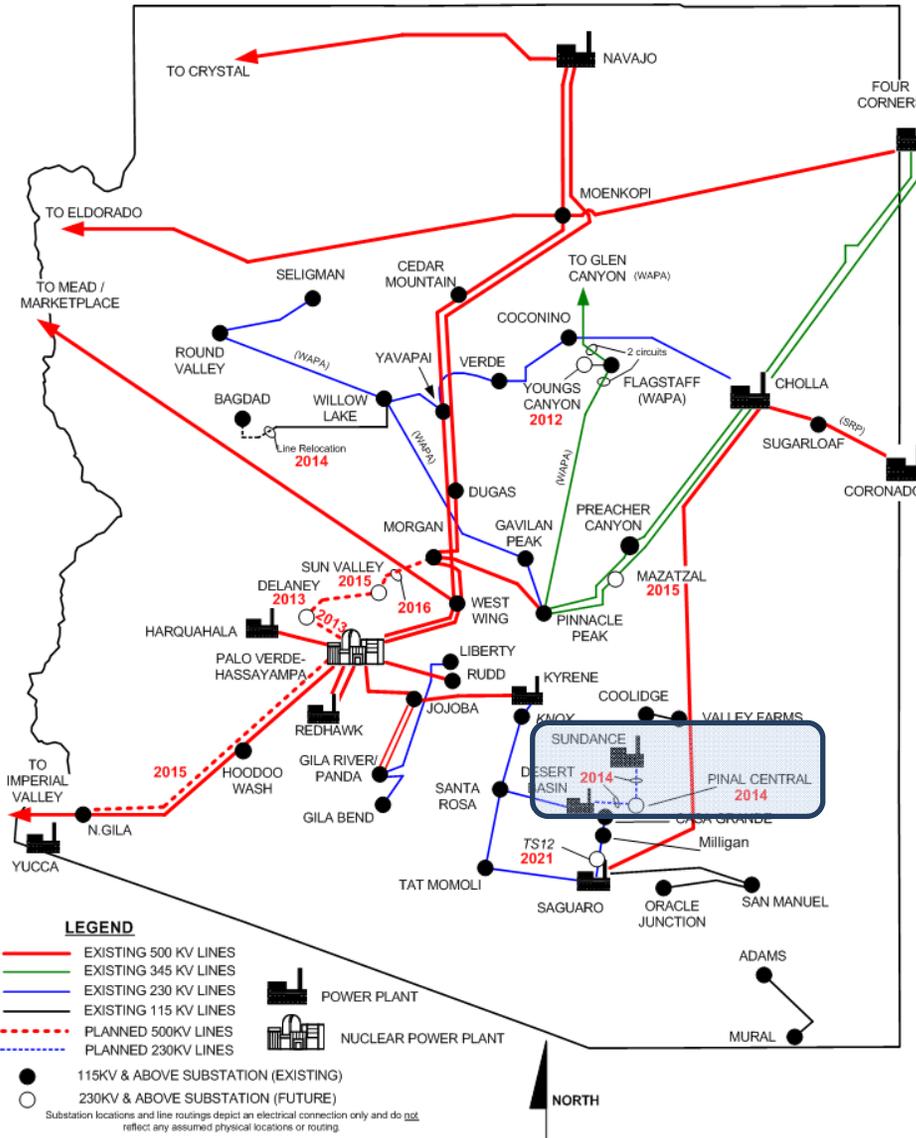
APS EHV & OUTER DIVISION 115/230 KV TRANSMISSION PLANS 2012 - 2021



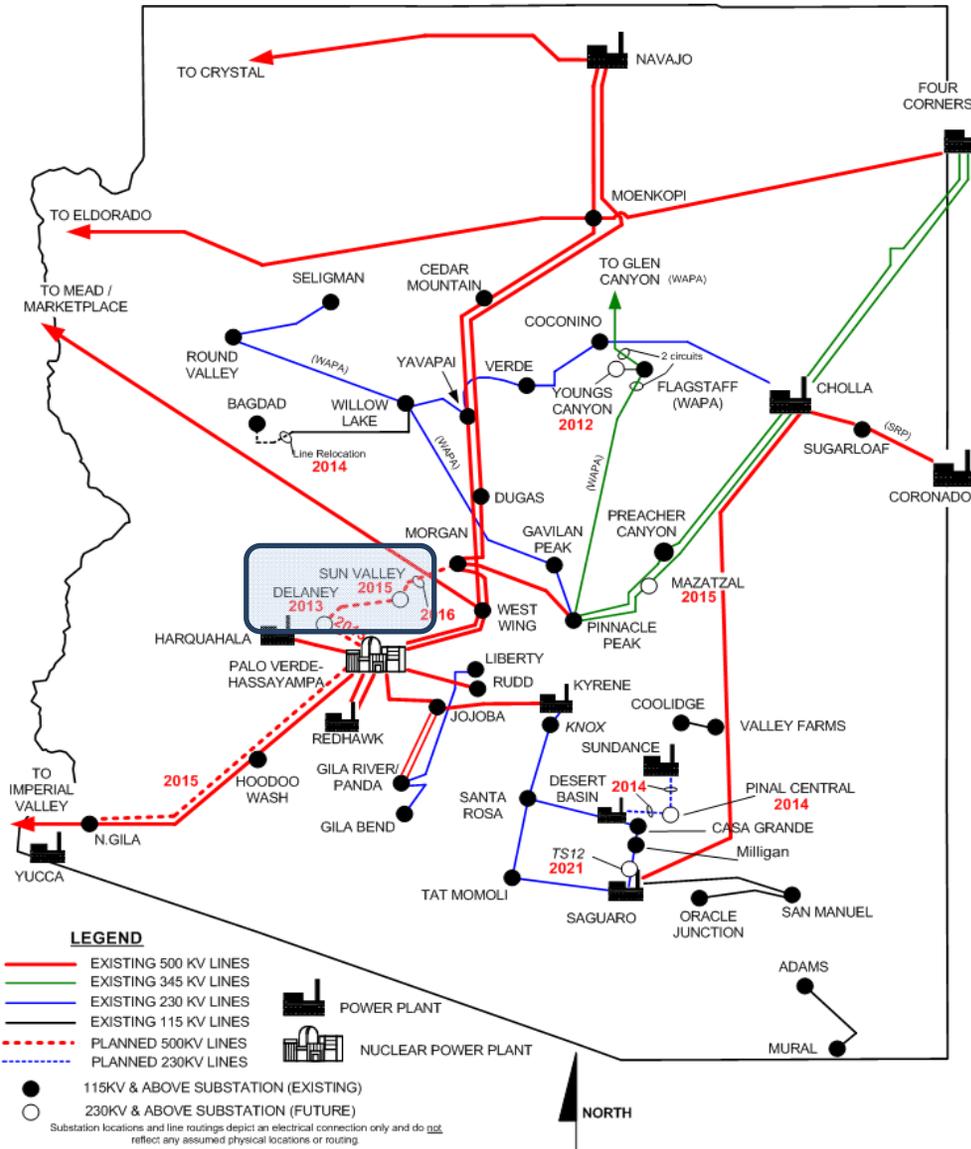
APS EHV & OUTER DIVISION 115/230 KV TRANSMISSION PLANS 2012 - 2021



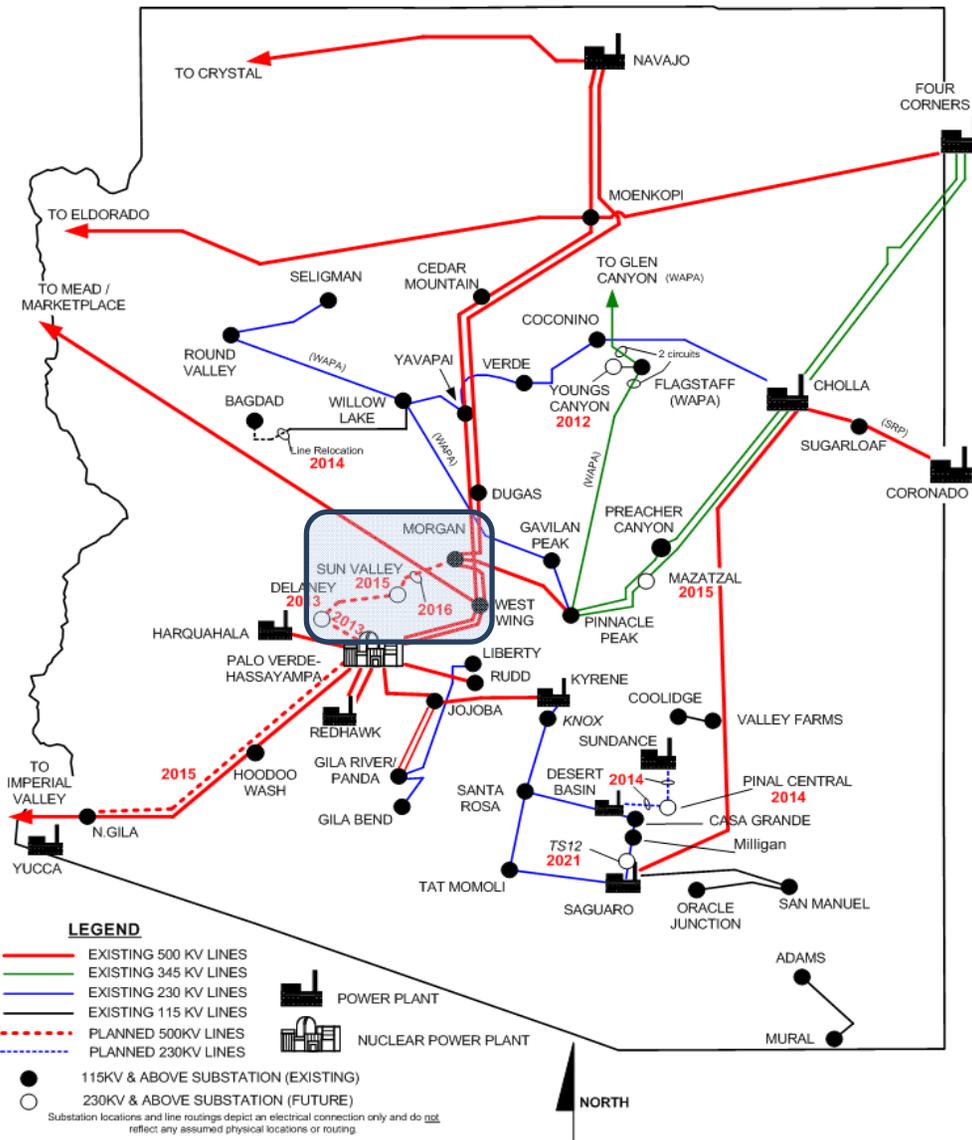
APS EHV & OUTER DIVISION 115/230 KV TRANSMISSION PLANS 2012 - 2021



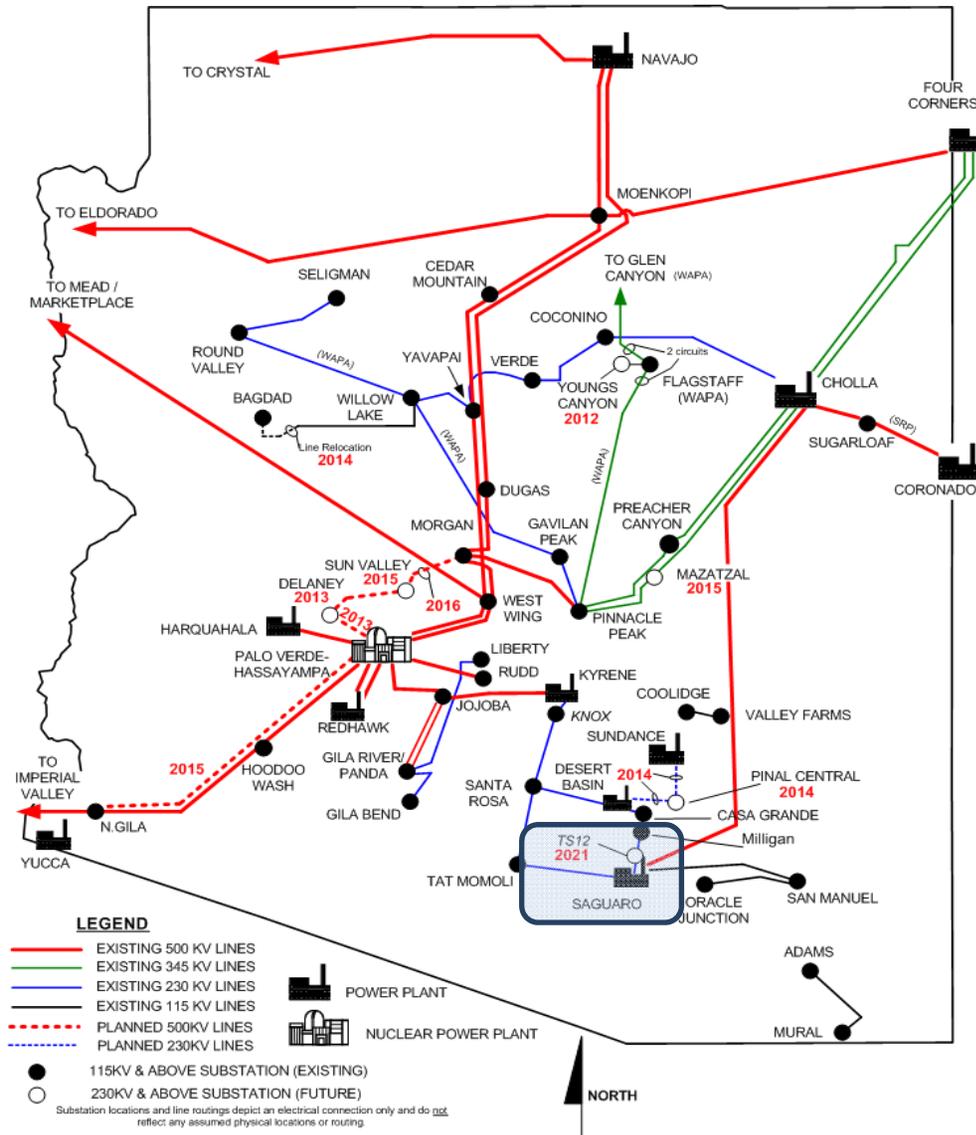
APS EHV & OUTER DIVISION 115/230 KV TRANSMISSION PLANS 2012 - 2021



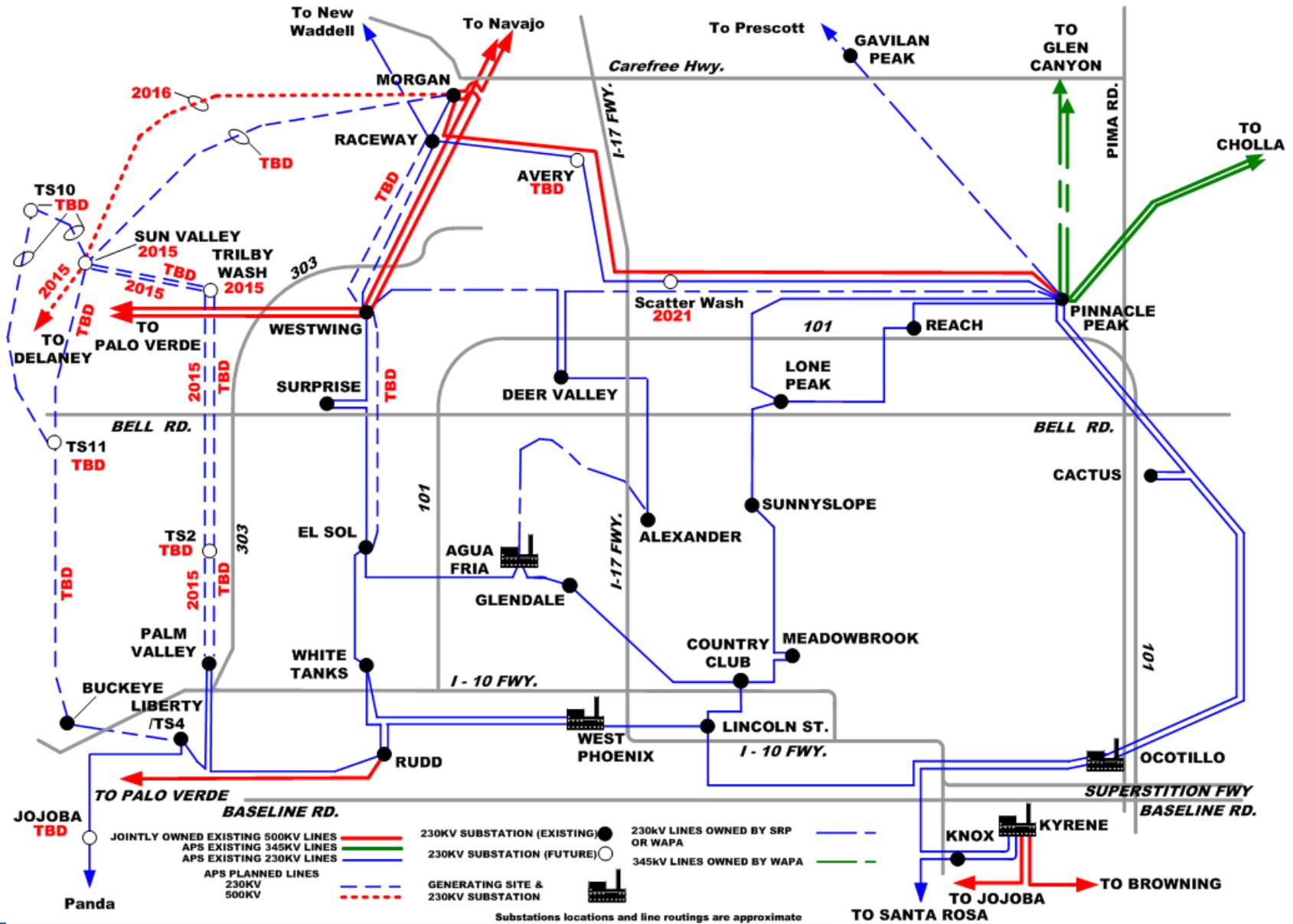
APS EHV & OUTER DIVISION 115/230 KV TRANSMISSION PLANS 2012 - 2021



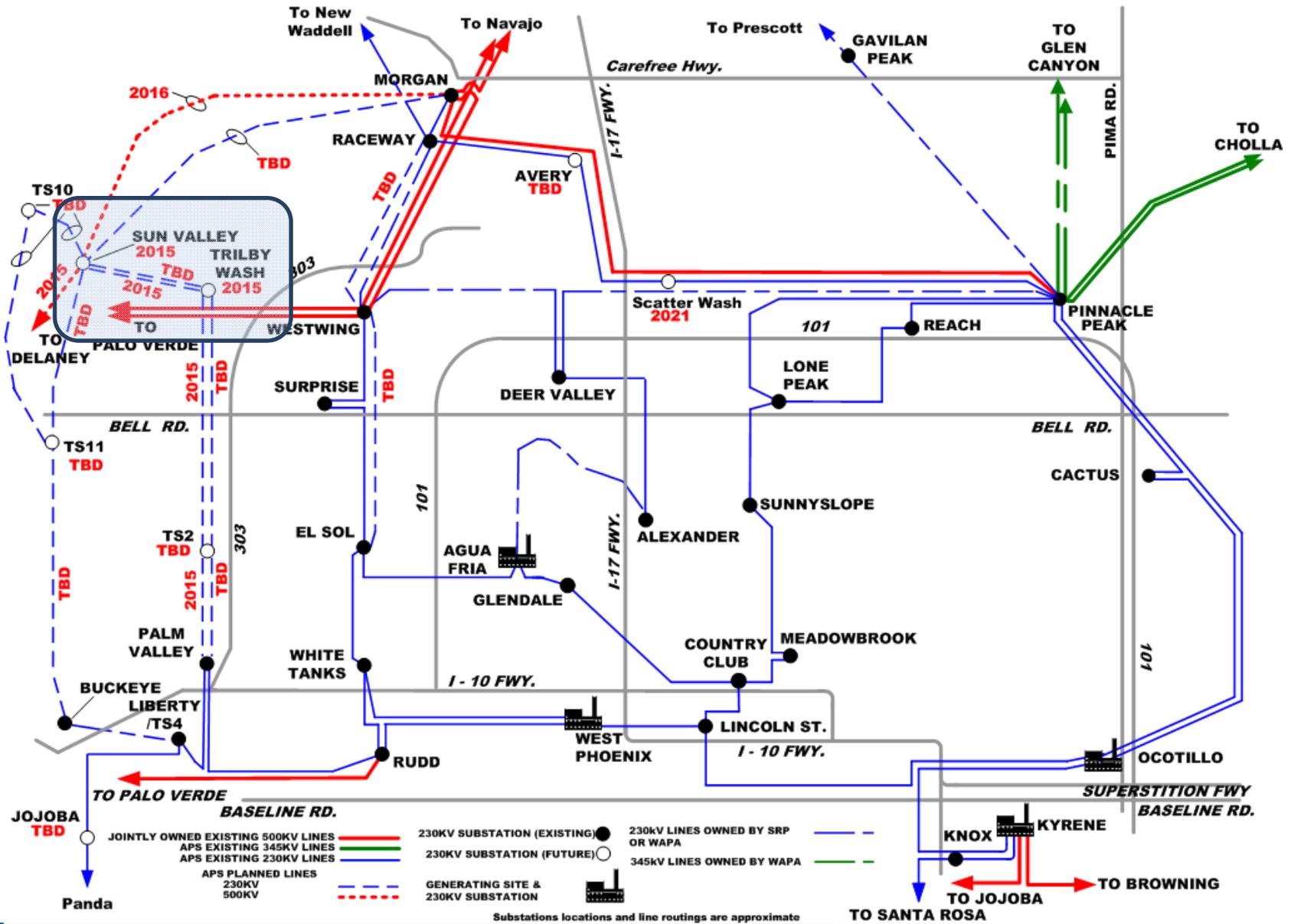
APS EHV & OUTER DIVISION 115/230 KV TRANSMISSION PLANS 2012 - 2021



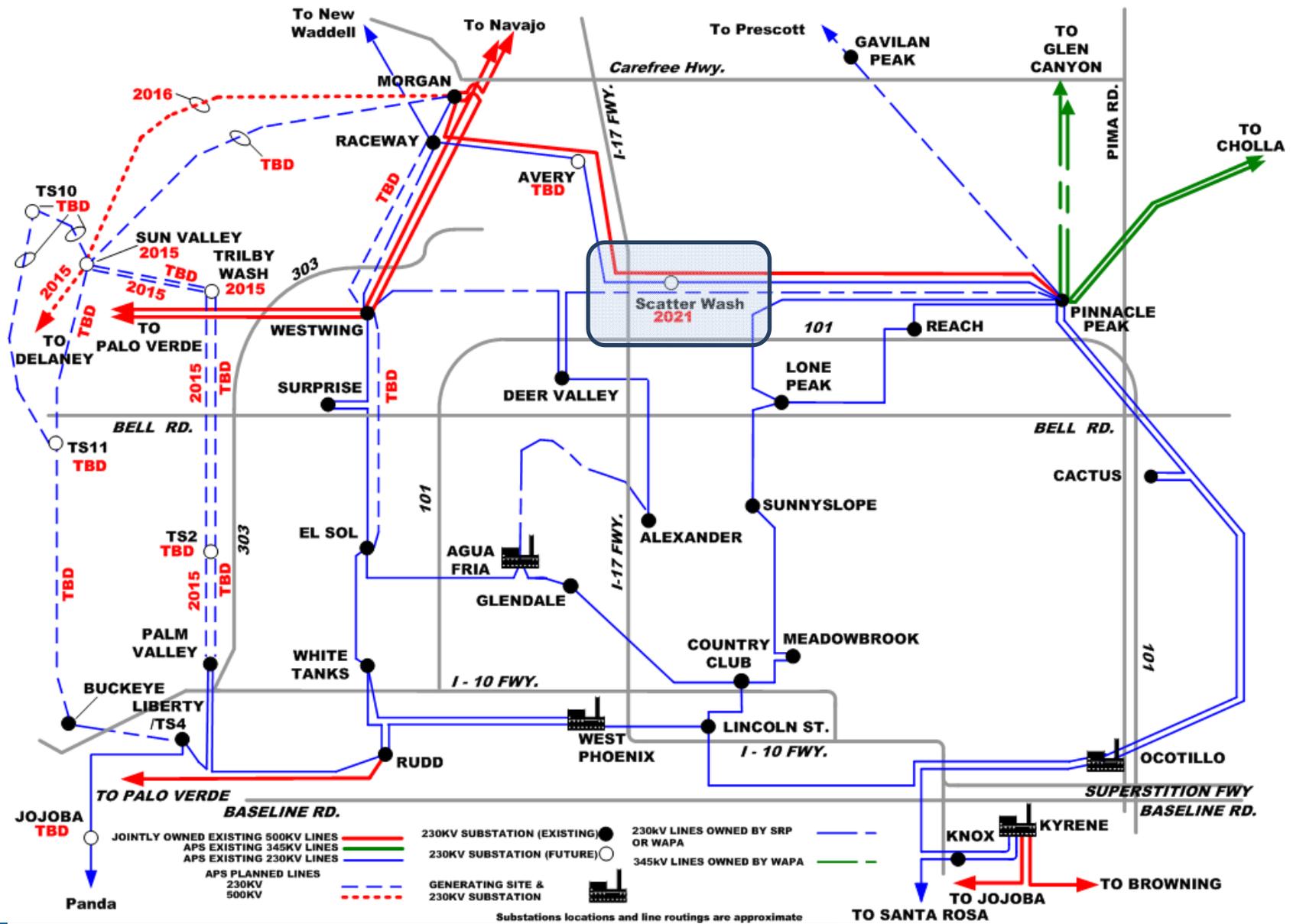
PHOENIX METROPOLITAN AREA TRANSMISSION PLANS 2012-2021



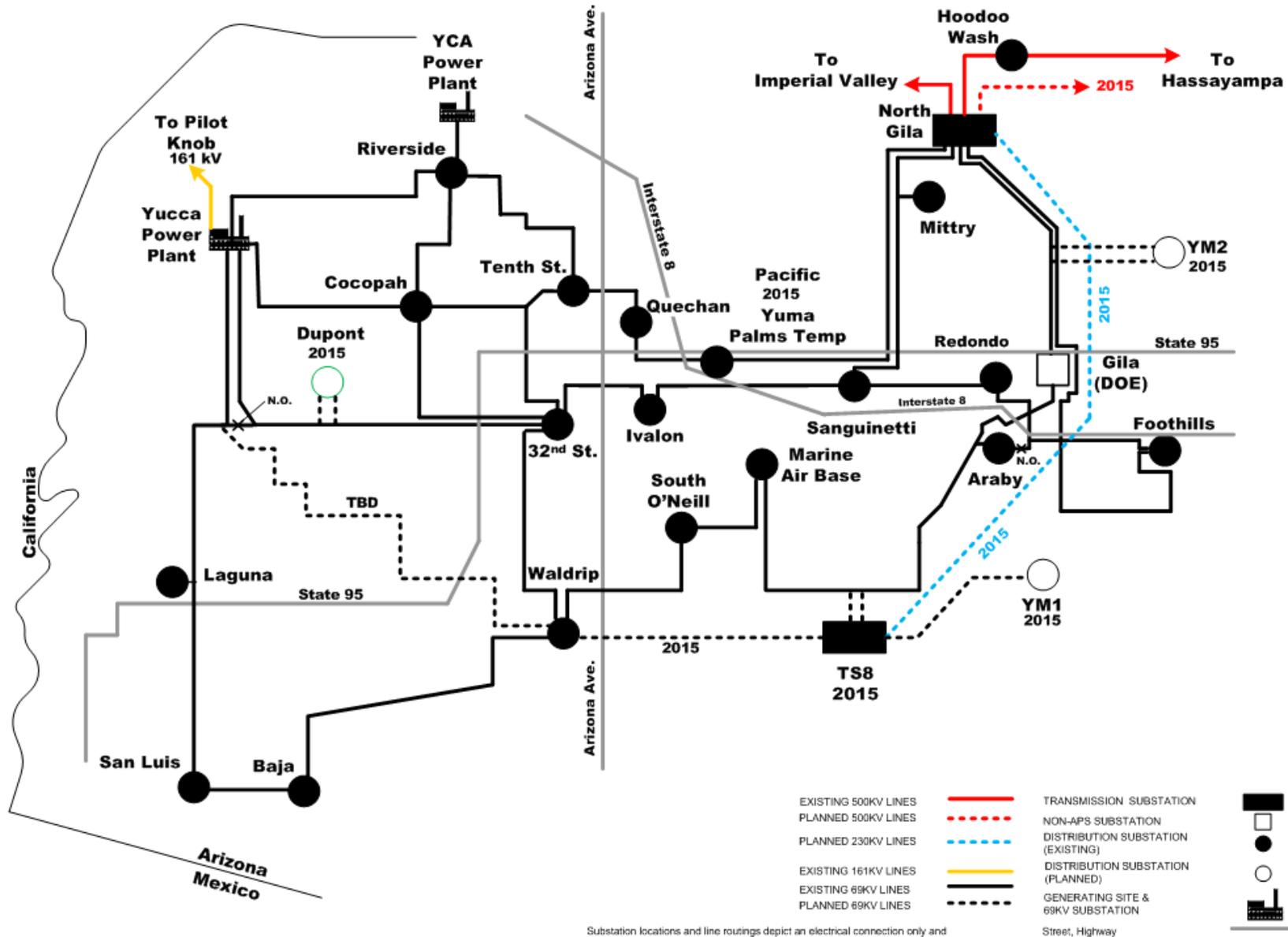
PHOENIX METROPOLITAN AREA TRANSMISSION PLANS 2012-2021



PHOENIX METROPOLITAN AREA TRANSMISSION PLANS 2012-2021

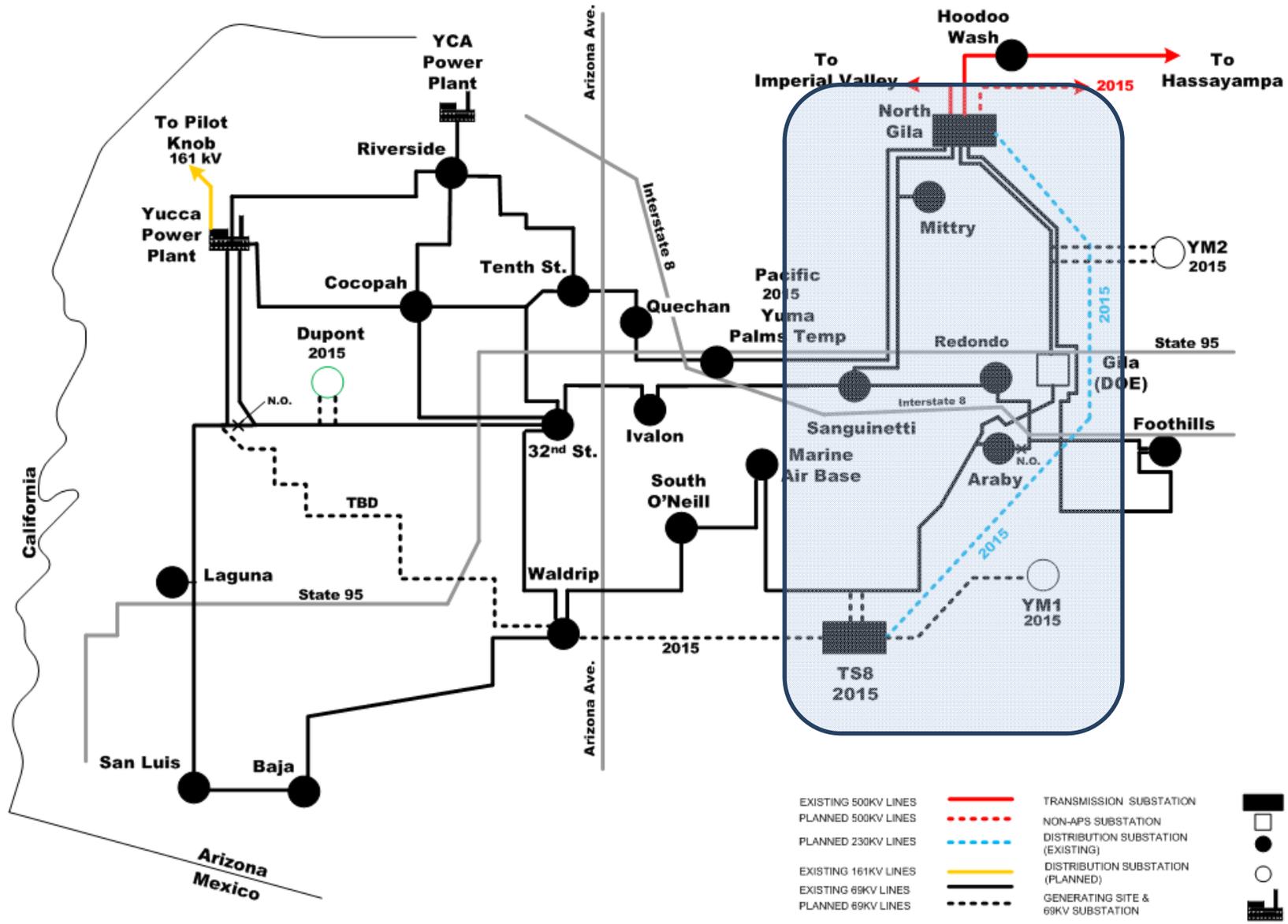


Yuma Area Transmission Plans 2012-2021



Substation locations and line routings depict an electrical connection only and do not reflect any assumed physical locations or routing.

Yuma Area Transmission Plans 2012-2021



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Changes from 2010 to 2012

Project	Status
Hoodoo Wash Switchyard	Completed
Cedar Mountain Switchyard – Perrin Ranch (Q113)	Completed
Delaney-Palo Verde 500kV line	Changed I/S to 2013
Palo Verde Hub-North Gila 500kV #2 line	Changed I/S to 2015
Delaney-Sun Valley 500kV line	Changed I/S to 2015
Mazatzal: Loop in Cholla–Pinnacle Peak 345kV line	Changed I/S to 2015

Changes from 2010 to 2012

Project	Status
Sun Valley-Trilby Wash 230kV line	Changed I/S to 2015
North Gila-TS8 230kV Line	Changed I/S to 2015
Saguaro (TS12) relocate 230kV yard and add 230/69kV transformer	Changed I/S to 2021
Scatterwash (TS6) loop-in of Pinnacle Peak-Raceway 230kV line	Changed I/S to 2021

Questions?