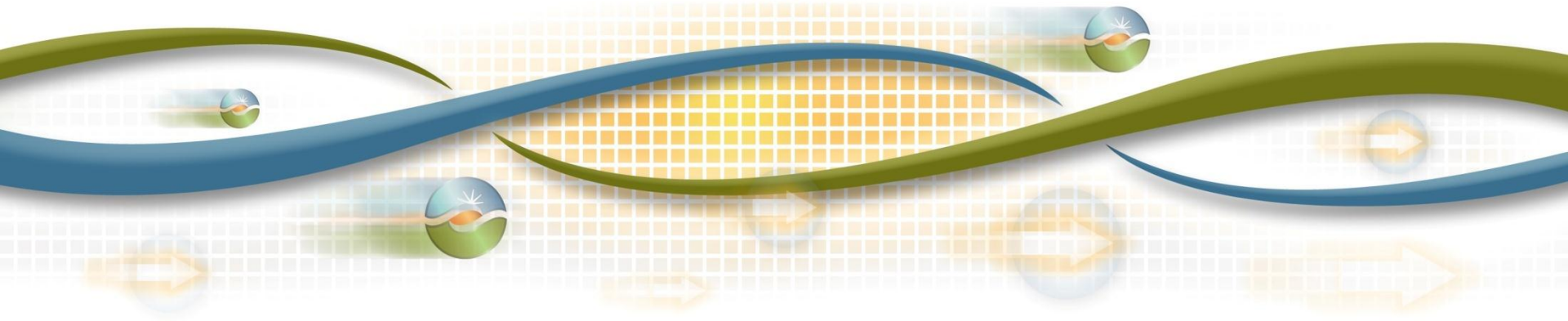


Four Corners Transition

Deb Le Vine

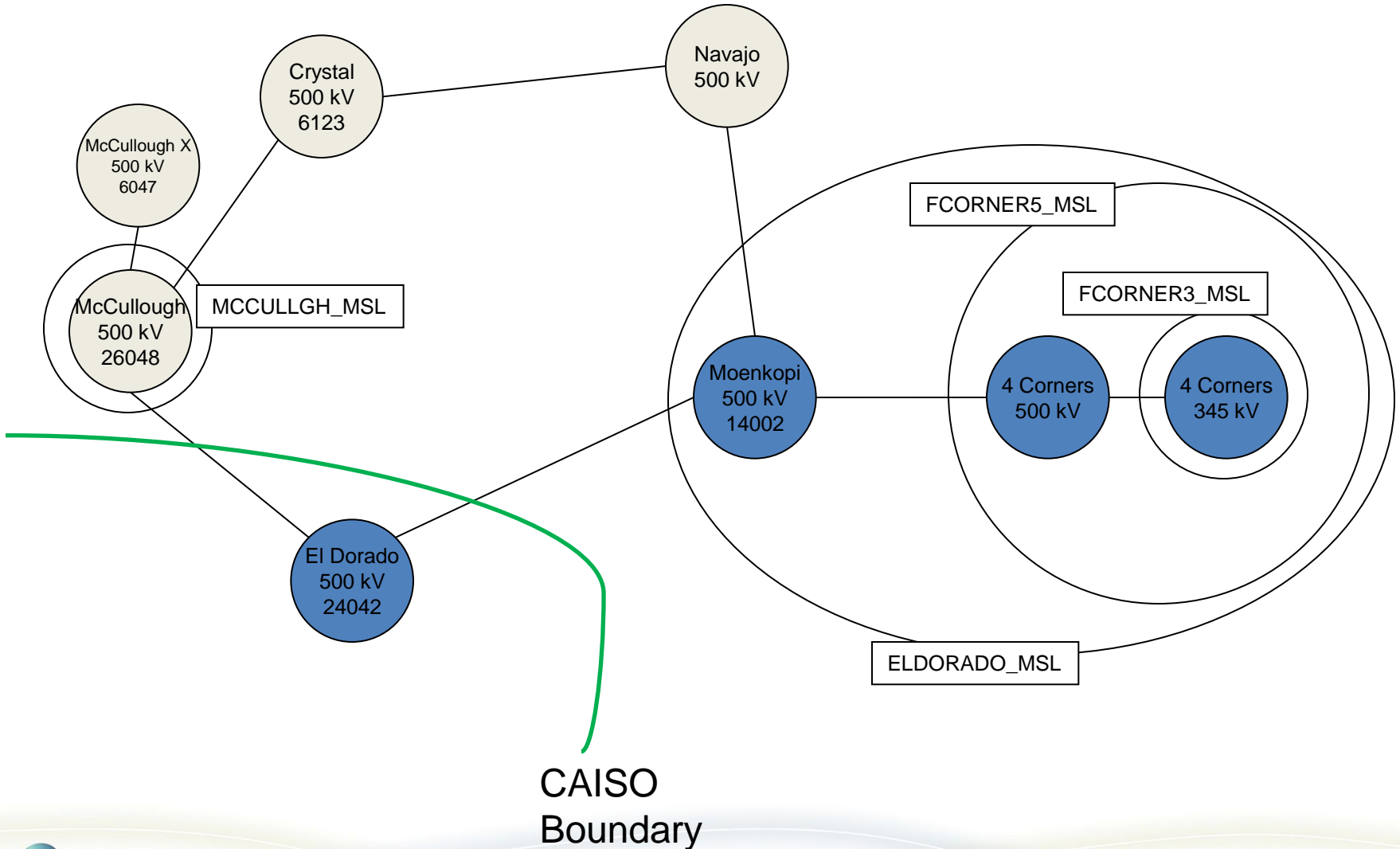
Director of Infrastructure Contracts & Management



SCE Sale of Four Corners

- The ISO was notified that on 12/30/2013 SCE sold their interest in the Four Corners generating units and both the 500 kV and 345 kV switchyards.
- The ISO still has scheduling rights on the Four Corners – Moenkopi 500 kV line and the Moenkopi – Eldorado 500 kV line.
- Pending FERC approval of replacement arrangements requested to be effective 2/28/2014 at HE01 PST, the scheduling point between APS and CAISO will be at Willow Beach – on the 500 kV transmission line between Moenkopi and Eldorado.
- SCs should register for the new WILLOWBEACH scheduling point in February 2014.

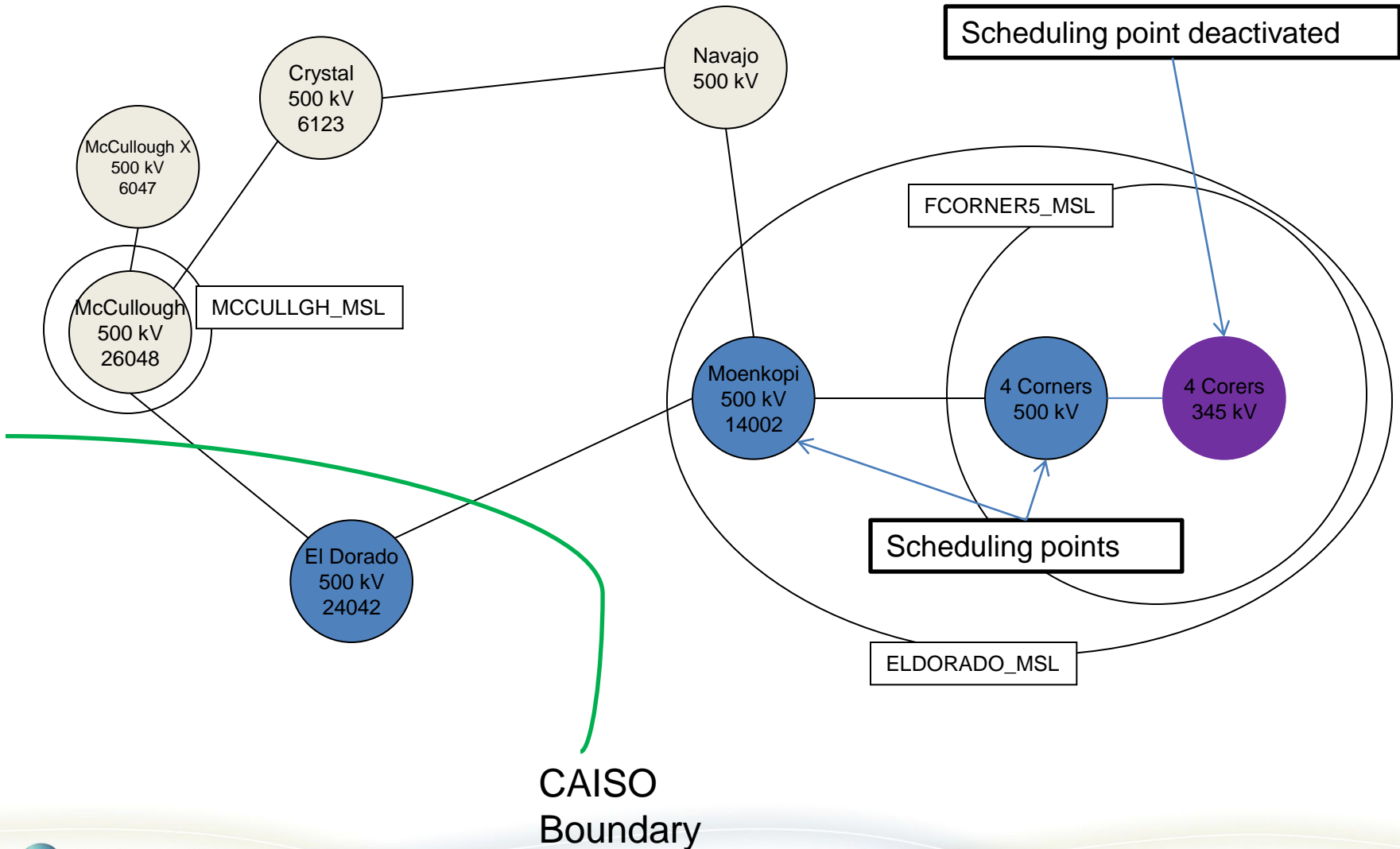
Network topology 4/1/2009 – 12/30/2013



Four Corners Transition – Step 1

- Effective 12/30/2013, SCE entitlement to Four Corners 500/345 kV switchyard is terminated
 - Scheduling point (POR/POD) between APS and CAISO is Four Corners 500 kV **but** CAISO will use the existing FOURCORNE345 resource IDs in CAISO systems to avoid registration of new resource IDs for SCs
 - Tagging for Four Corners–Eldorado will be at FOURCORNE500
 - SCs must obtain transmission from APS from the Four Corner 345 kV to the 500 kV switchyard
 - MOENKOPI500 Must not be an intermediate POR/POD on tag
- ISO's markets will be updated effective 1/4/2014 Trade Date:
 - FCORNER3_MSL will be removed
 - FOURCORNE500 scheduling point and PNode will available

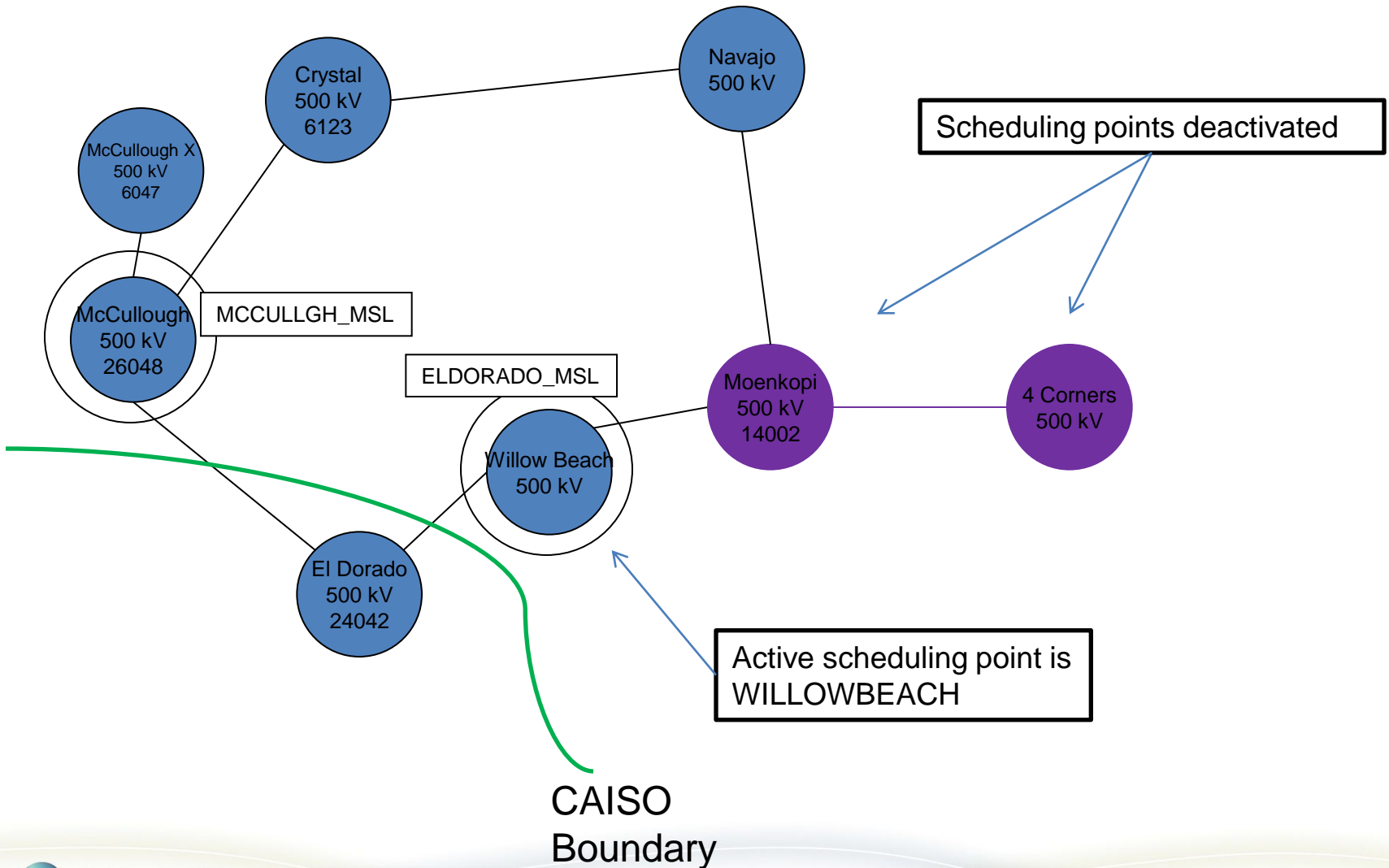
Network topology 1/4/2014 – 2/27/2014, pending FERC approval



Four Corners Transition – Step 2

- Pending FERC approval, effective 2/28/2014, SCE entitlement on Eldorado – Moenkopi east of the Colorado River and Moenkopi – Four Corners is terminated
 - New scheduling point between APS and CAISO is WILLOWBEACH versus MOENKOPI500 or FOURCORNE500
- ISO's markets will be updated effective 2/28/2014 Trade Date
 - New scheduling point – WILLOWBEACH
 - ELDORADO_MSL will move to Willow Beach

Network topology changes effective 2/28/2014, pending FERC approval



Tag and Bidding Examples – effective 1/4/2014

Transmission Provider	Point of Receipt	Point of Delivery	Scheduling Entity
AZPS	FOURCORNE345 Or some point in APS System	FOURCORNE500	AZPS
CISO	FOURCORNE500	ELDORADO500	AZPS
CISO	ELDORADO500	SP15	CISO

MOENKOPI500 Must not be an intermediate POR/POD

BIDS – Note: No change in Resource IDs but SC will need to purchase transmission from APS across the 345kV / 500kV transformer to schedule with the CAISO the Four Corner 500– Eldorado 500 kV transmission rights. Bids can still be submitted for:

SC_FOURCORNE345_I_F_xxxx

SC_FOURCORNE345_E_F_xxxx

Tag and Bidding Examples – effective 2/28/2014

pending FERC approval

TAGS

Transmission Provider	Point of Receipt	Point of Delivery	Scheduling Entity
AZPS	MOENKOPI500	WILLOWBEACH	AZPS
CISO	WILLOWBEACH	SP15	CISO

BIDS

SC_WILLOWBEACH_I_F_XXXX

SC_WILLOWBEACH_E_F_XXXX

Next Steps

- SCs must register for the new WILLOWBEACH scheduling point (ITIE and ETIE)
 - Registration opens 2/1/2014
 - For 2/28/2014 effective date, registration closes 2/14/2014
 - After 2/14/2014 registration will be in accordance with regular MasterFile update timelines and subject to MasterFile data freeze
- WILLOWBEACH is already registered in EIR
- SC will need to obtain transmission service from APS for transmission rights that the CAISO no longer has as an entitlement