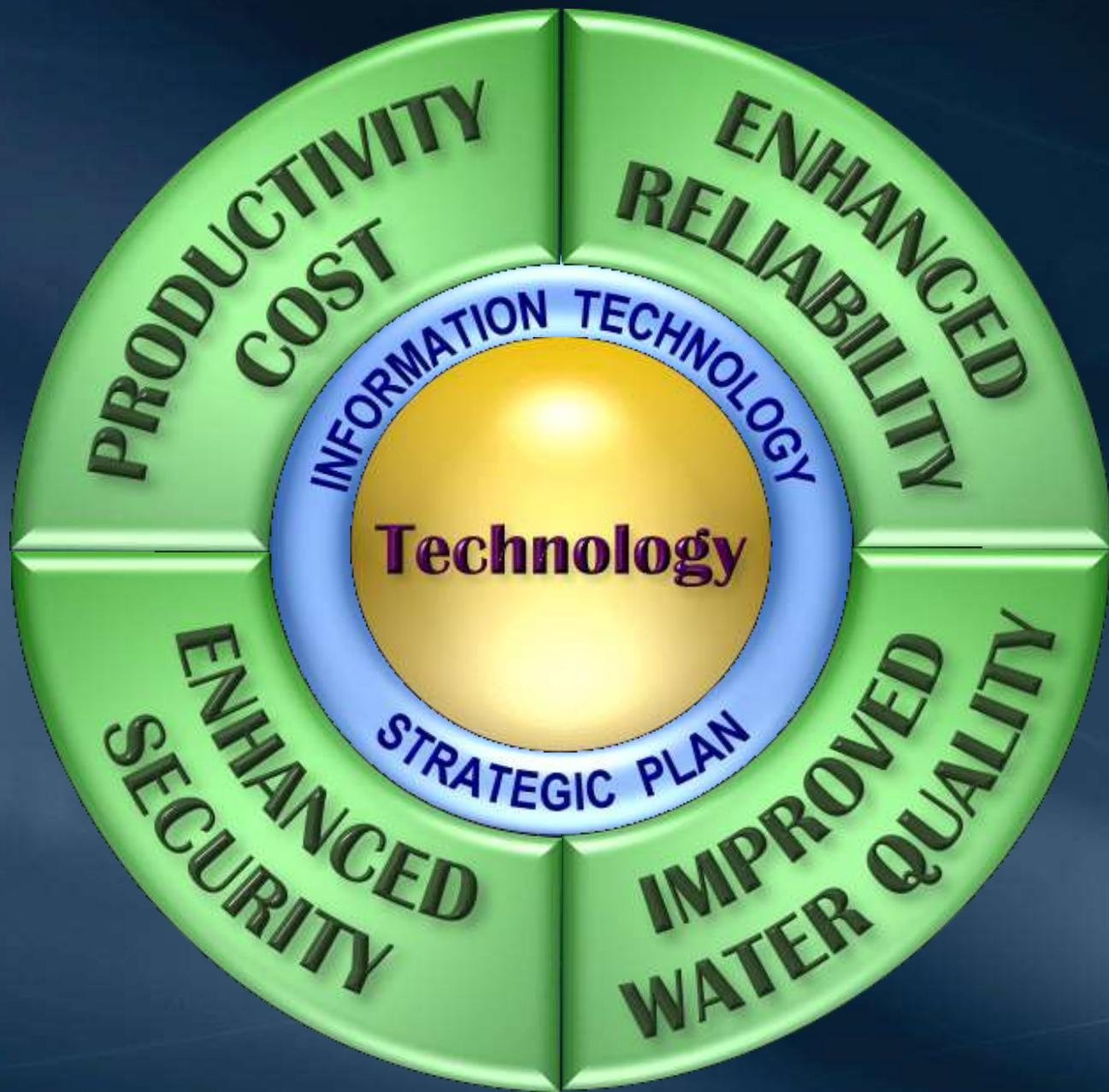




IT Strategic Plan Update – Quarterly Report for Period Ending June 2015

Organization, Personnel and Technology Committee
Item 6a
September 22, 2015



Key Accomplishments



Infrastructure Upgrades:

Telephone System Replacement

- Conducted workshops to develop
 - High reliability design for primary and secondary sites at Headquarters and Lake Mathews
 - Cyber security design for VoIP firewalls and remote monitoring connections

Next step:

Complete final design and equipment procurement

Telephone System Replacement

Remote
Monitoring

Automatic
Transfer

MWD
HQ

Lake
Mathews



Key Accomplishments

Infrastructure Upgrades:

Network Reliability Upgrades

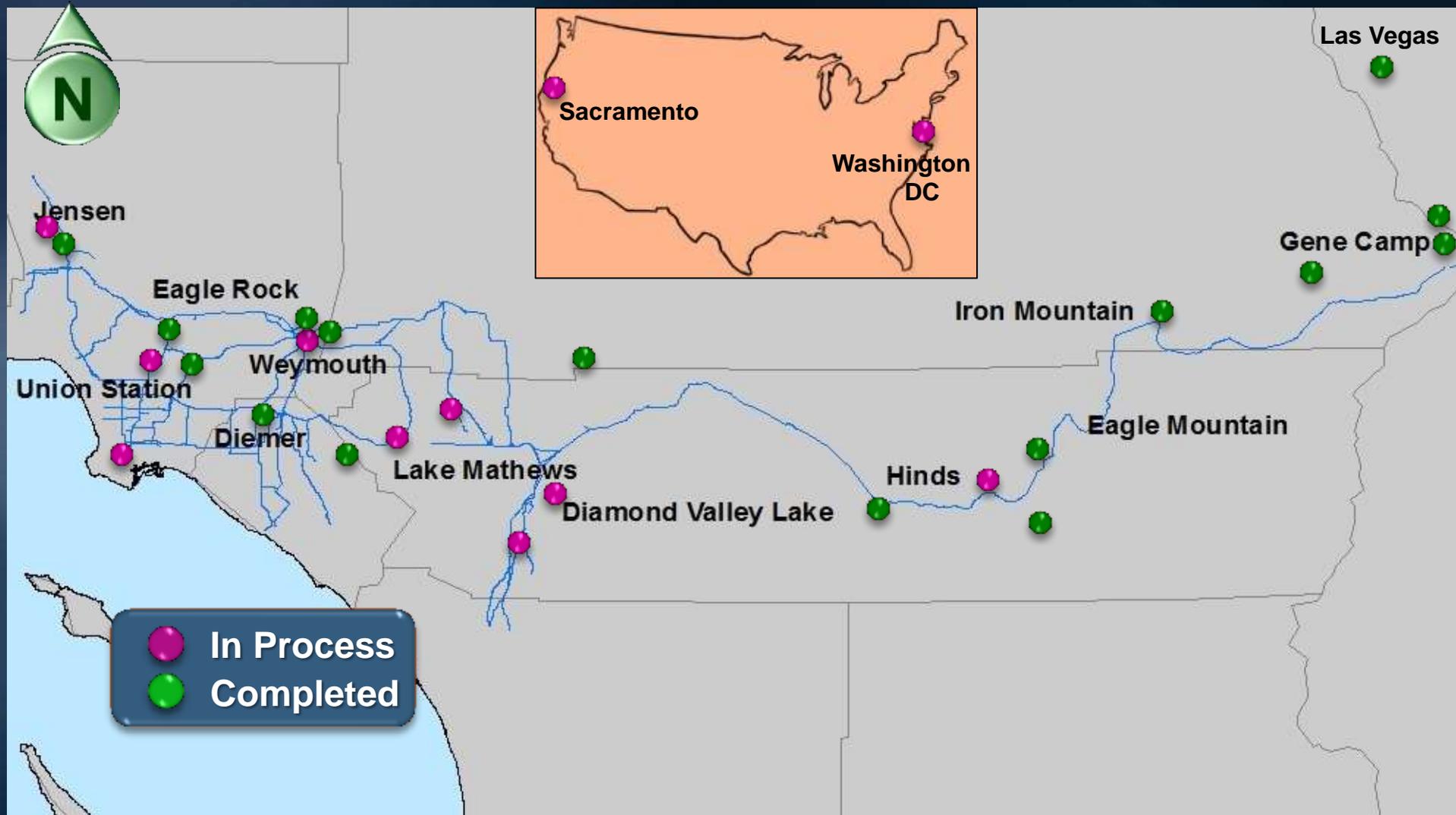
- **Network Hardware Upgrades Project**
 - Deployed over 150 network devices
- **Network Room Upgrades Project**
 - Reviewed construction bid for network closets
- **Microwave Upgrades Project – Proof of Concept**
 - Began preliminary design at DVL

Next step:

Begin construction and deploy network devices



Network Hardware Upgrades Project

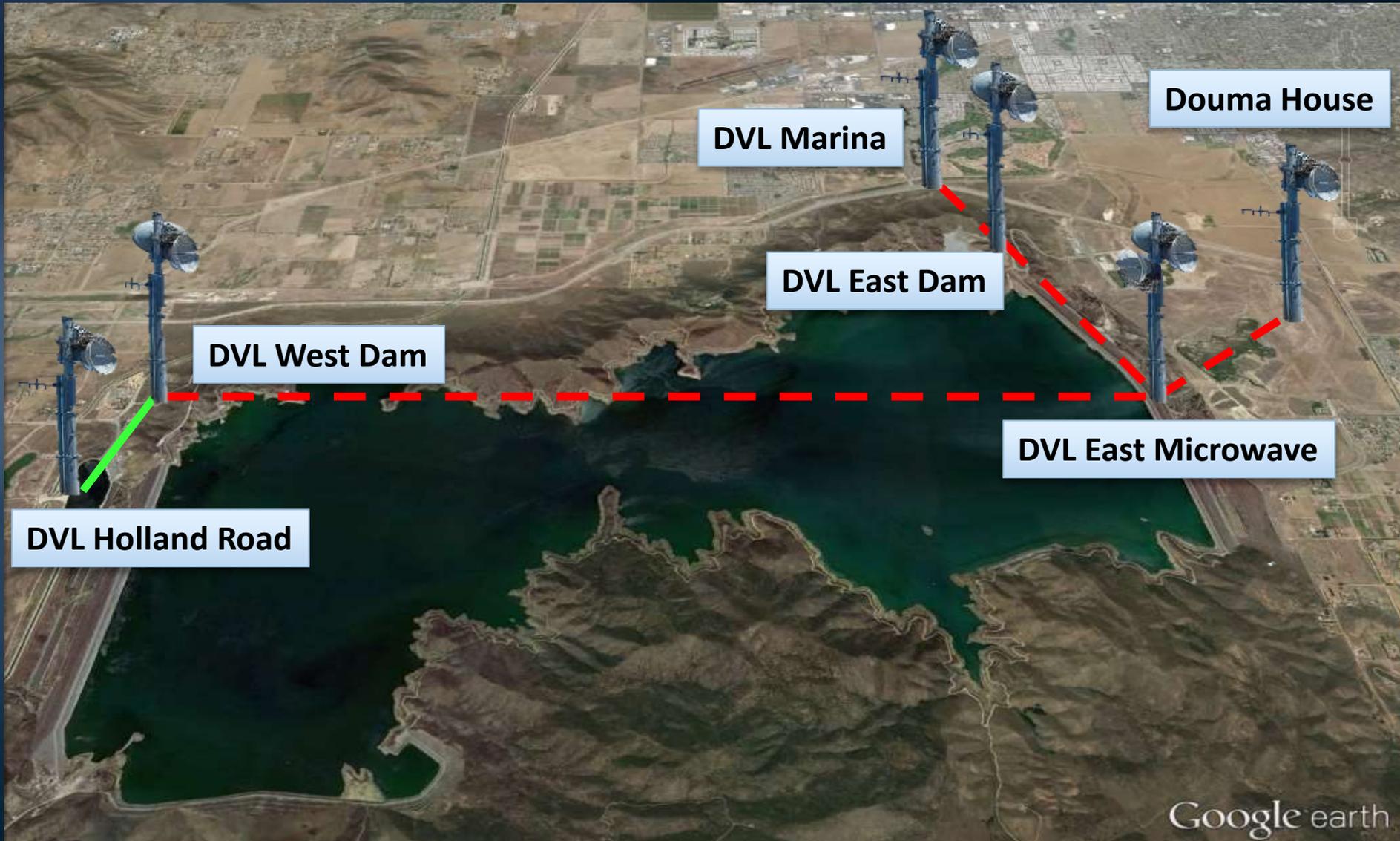


Network Room Upgrades Project

- HQ Network rooms did not originally have HVAC when built in 1997
- Upgrades are needed for cooling and for the electrical systems
- Reviewed construction bids



Microwave Upgrades Project – Proof of Concept



Key Accomplishments

Infrastructure Upgrades:

Hydraulic Modeling Project

- Configured network (pipes) hydraulics for last of the four regions/areas
- Configured control rules for structures (e.g. valves)

Next step:

Perform system wide calibration



Key Accomplishments

Infrastructure Upgrades:



Emergency Radio Communications System

- Successfully completed regional pilot test
- Selected Public Works contractor
- Started installations of 31 repeater sites

Next step:

Complete the installations of the radio repeater sites and tunnel antennas at plants



Key Accomplishments



Infrastructure Upgrades:

UNIX Server Upgrade

- Configured and deployed all seven servers
- Migrated 73 of 75 applications to new servers

Next step:

Close the project



Upcoming Items

- Authorize amendment of Oracle Upgrade project
- Update on SCADA Master Plan

