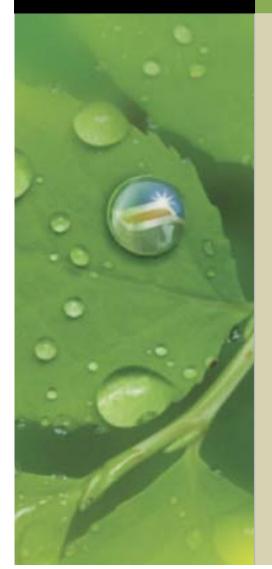


### MRTU Grid Operations Readiness



Jim Detmers Vice President, Operations

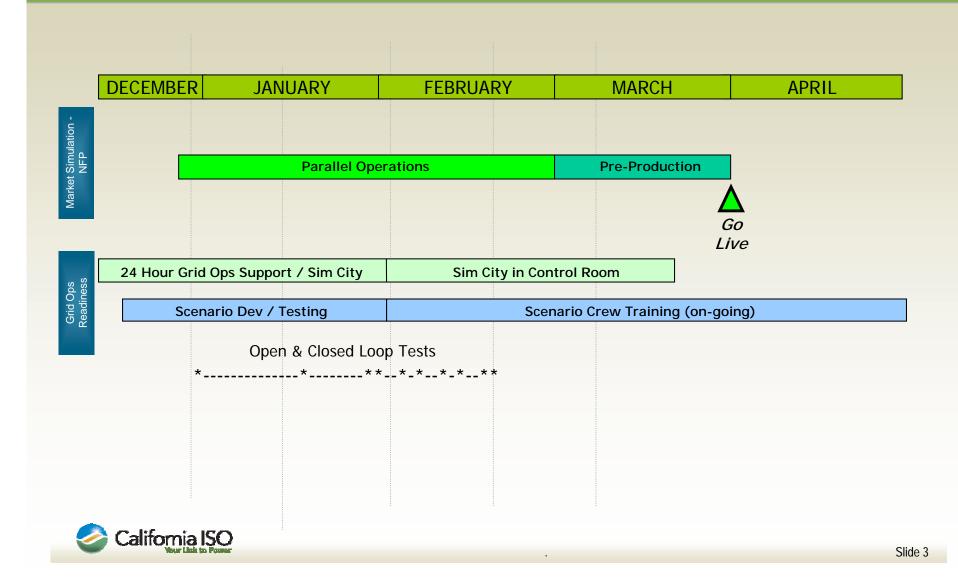
ISO Board of Governors General Session February 10 - 12, 2009

#### MRTU Operations objectives:

- Operationalizing the MRTU Design
- Achieving total capability to operate MRTU on 3/31/2009
  - Operator readiness, systems readiness, and processes and work-arounds
- Putting the applications into practice
- Performing tests, training & practices
  - Utilization of tools and alternative procedures
  - Focused exercises for generation, transmission, scheduling, and outage modeling, i.e., operator readiness
- Assuring quality and reliability
  - Modeling
  - Pricing
  - Security planning D-3, D-2, D-1, RT
  - DA & RT Performance / Compliance



#### Grid Operations crew training plan



# Operators are learning and practicing essential operations in new environment

- Maintaining energy balance
- Managing ancillary services
- Managing system disturbances and events
- Mitigating congestion
- Exercising daily processes
- Running scenario exercises, e.g., COI de-rate, SCIT Overloads, PDCI Circulation for Path 26 Mitigation
- Simulating previous events, e.g., emergency assistance, fire season



## Operations is on track to be ready for new systems on March 31, 2009

- ✓ Application testing, training & practice
- ✓ Open and Closed Loop Tests
- ✓ Scenario development and testing
- ✓ Scenario training and practice
- ✓ Procedure documentation and exercising

