

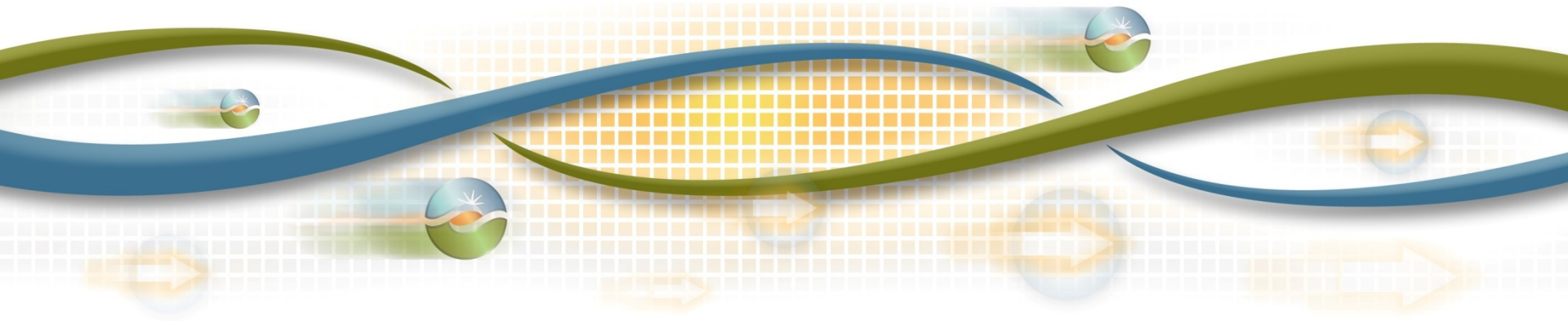


California ISO  
Shaping a Renewed Future

# 2013 Summer Grid Outlook

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June 11, 2013



# Summer 2013 Grid Outlook

- ✦ Adequate reserve margins statewide.
- ✦ Local reliability concerns for San Diego County and the southern portion of Orange County as a result of the San Onofre Nuclear Generation Station (SONGS) shutdown.
- ✦ Reliability risk for San Diego County is “marginally more challenging” than last summer.
- ✦ Economic growth is adding fuel to increasing demand for electricity.
- ✦ Drought is triggering wildfires, which are a major grid concern; flow of imported power could be impacted if blazes threaten high voltage power lines.

# Summer 2013 Grid Outlook

Mitigation plan for this summer nearly complete.

- ★ SDG&E and SCE worked hard to get voltage support devices added to transmission system.
- ★ Synchronous condensers at nearby Huntington Beach power plant will provide additional voltage support. The devices are installed and currently undergoing testing (official operational date: June 26).
- ★ Area still at risk for localized outages under extreme conditions.
- ★ Careful monitoring and management over peak summer conditions required.

# Summer 2013 Grid Outlook

Californians need to do their part to help relieve stress on the system during heat waves or other extreme grid conditions by responding to ***Flex Alerts*** and “shaving peak” electricity use between 4-6 p.m. during “air conditioning rush hour”.



# Summer 2013 Grid Outlook

## **Earn savings while conserving!**

Smart meters open doors to demand response programs that make it pay to conserve.

✦ Prevent power shortfalls

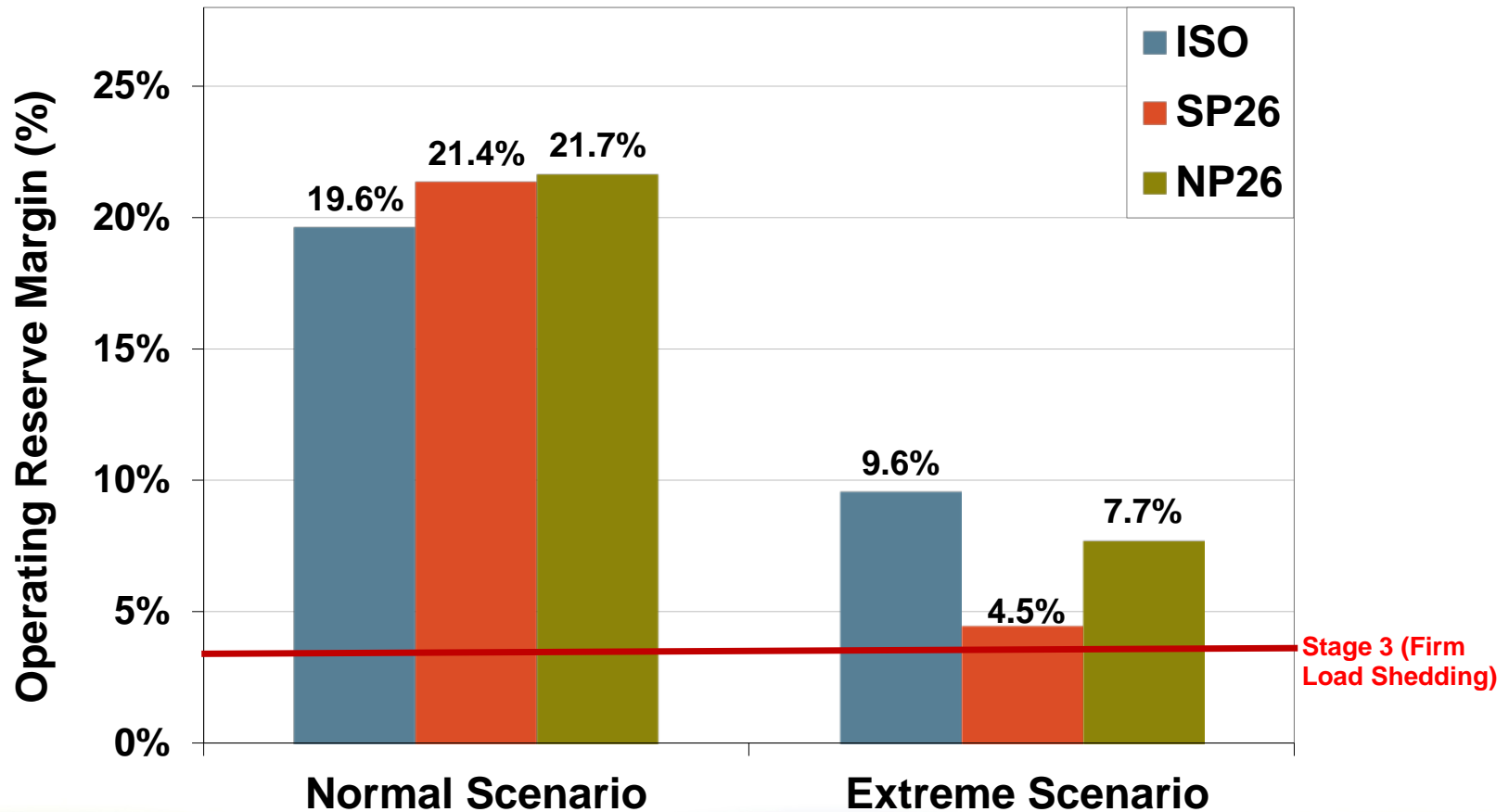
✦ Protect the environment

## **Demand response**

The perfect green partner to renewable power.

# Summer 2013 Grid Outlook

## ISO, SP26 and NP26 Operating Reserve Margins at 2013 Summer Peak



Updated: 5/30/13

# If officials call a **Flex Alert:**



- 1 Turn off unneeded lights
- 2 Use electric appliances after 6 p.m.
- 3 Adjust your A/C to 78 or higher

[www.flexalert.org](http://www.flexalert.org)

For more information go to [www.caiso.com](http://www.caiso.com)

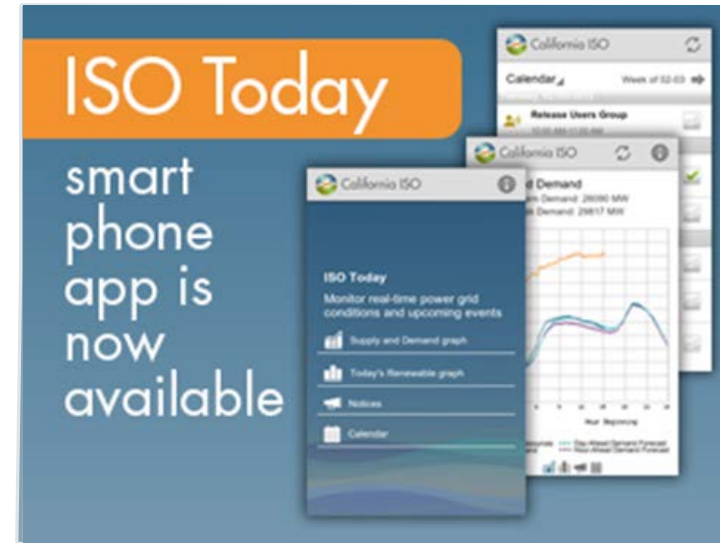


Go to [flexalert.org](http://flexalert.org) for more information

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