

PROSPECTUS SUPPLEMENT
(To Prospectus dated August 14, 2009)



Southern California Edison Company

\$500,000,000 3.875% First and Refunding Mortgage Bonds,
Series 2011A, Due 2021

The bonds will bear interest at the rate of 3.875% per year. Interest on the bonds is payable semi-annually on June 1 and December 1 of each year, beginning on December 1, 2011. The bonds will mature on June 1, 2021. We may at our option redeem some or all of the bonds at any time. The redemption prices are discussed under the caption “Certain Terms of the Bonds—Optional Redemption.”

The bonds will be senior secured obligations of our company and will rank equally with all of our other senior secured indebtedness from time to time outstanding.

Investing in the bonds involves risks. See “[Risk Factors](#)” beginning on page S-6.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus supplement or the related prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

Interest on the bonds will accrue from May 17, 2011.

The bonds are expected to be delivered in global form through the book-entry delivery system of The Depository Trust Company on or about May 17, 2011.

Co-Managers
Great Pacific Securities
May 12, 2011