

ENERGY, CLIMATE CHANGE, AND ENVIRONMENTAL JUSTICE COMMITTEE REPORT relative to Los Angeles Department of Water and Power (LADWP) report regarding to the Power System's 2016 Integrated Resource Plan (IRP).

Recommendation for Council action:

RECEIVE and FILE the July 25, 2017 LADWP report relative to the Power System's 2016 IRP and the Recommended Strategic Case.

Fiscal Impact Statement: Not applicable.

Community Impact Statement: None submitted.

SUMMARY:

At its regular meeting held on June 19, 2018, the Energy, Climate Change, and Environmental Justice Committee considered a July 25, 2017 LADWP report in response to Motion (Martinez - Ryu - Huizar for Koretz) relative to the Power System's 2016 IRP and Recommended Strategic Case and related matters.

According to the LADWP report, the 2016 IRP identifies a portfolio of generation resources and assets to meet the City of Los Angeles' future energy needs at the lowest cost and risk consistent with the LADWP's environmental priorities and reliability standards. The IRP considers a 20-year planning horizon to guide the LADWP as it executes new and replacement projects and programs. As part of its recommended case, the 2016 IRP projected 65 percent renewable energy portfolio in 2036, 1500 megawatts (MW) of local solar in 2035, 404 MW of energy storage in 2025, development of programs and infrastructure to support 580,000 electric vehicles by 2030, and the repowering of all aging local once-through cooling generators at the LADWP's Scattergood, Haynes, and Harbor power plants with more efficient gas-fired units.

The LADWP report adds that after the 2016 IRP was published, recognizing changes in innovation and technology along with the prevailing need to reduce fossil-based power generation, the LADWP is reassessing all planned local repowering projects until a system-wide, in-depth, and independent study is completed. The study is scheduled to be completed in early 2018 and it is expected to analyze the necessity for repowering and identify all viable and practical alternatives. The comprehensive study will consider local energy resource and transmission planning needs and generation reliability requirements along with alternative technologies including energy storage and other technologies. Findings of the system-wide study will be incorporated into the LADWP's 100 Percent Renewables Energy portfolio study and future IRPs.

After providing an opportunity for public comment, the Committee moved to receive and file the LADWP report dated July 25, 2017. This matter is now transmitted to the Council for its consideration.

Respectfully Submitted,

ENERGY, CLIMATE CHANGE, AND ENVIRONMENTAL JUSTICE COMMITTEE

<u>MEMBER</u>	<u>VOTE</u>
MARTINEZ:	YES
KORETZ:	YES
KREKORIAN:	YES
CEDILLO	YES
O'FARRELL	YES

LC 06/19/18

**-NOT OFFICIAL UNTIL COUNCIL ACTS-**