MOTION

ENERGY, CLIMATE CHANGE AND ENVIRONMENTAL JUSTICE

The service territory of the power system of the Los Angeles Department of Water and Power is 465 square miles, includes 1.5 million customer accounts, and is capable of delivering up to 7,880 megawatts. Renewable energy makes up at least 29% or 2,285 megawatts of that capacity, as of the last benchmark year of 2016.

Since an instruction from the City Council on September 20, 2016, the LADWP has been engaged in a research partnership and stakeholder engagement process that seeks to serve 100% of customer demand using renewable resources, without reducing reliability and without overburdening ratepayers. There have been significant strides in that effort and the Council instruction resulted in a collaboration with the National Renewable Energy Laboratory. They have marshalled significant resources, including engineers, physicists, economists and other skilled professionals to study the challenges and potential economic and environmental consequences of moving the LADWP towards a more sustainable direction, as the council instructed.

That effort has taken on renewed importance since the announcement that the Once-Through-Cooled Scattergood natural gas generating station will not be repowered or supplanted by a replacement gas turbine. Scrapping the previous plans for Scattergood would likely not have been possible without the renewable research partnership already in place, and the supercomputer modeling to consider thousands of scenarios and select among the optimal paths to shore up the distribution grid around the area of Scattergood and ensure system reliability.

Climate change continues to demand action on many fronts, but particularly in electricity generation. LADWP's peak simultaneous demand of 6,502 megawatts was reached on August 31, 2017, due in large part to high late-summer temperatures which are almost certain to rise even higher according to the international consensus among climate scientists. Nevertheless, there is significant hope for an improvement in the environmental impact of LADWP's activities and the Council should be made more fully aware of those efforts.

I THEREFORE MOVE that the Council REQUEST that the DWP and the Office of Public Accountability report to the Energy, Climate Change and Environmental Justice committee with the potential strategies to ensure system reliability without relying upon the Scattergood Generating Station, particularly if the State Water Resources Control Board deadline to retrofit the power plant is not extended.

I FURTHER MOVE that the Council REQUEST that the Department of Water and Power, in conjunction with the National Renewable Energy Laboratory, make a presentation to the Energy, Climate Change and Environmental Justice committee on the status of the 100% Renewable scenario modeling process and the timeline for its implementation as an investment and development strategy.

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