

Environmental Compliance and Services (ECS) staff has been tasked to coordinate and manage Metro's Energy Conservation and Management Program. ECS staff provided an energy report a year ago to our Board that includes a discussion on renewable energy (http://boardarchives.metro.net/BoardBox/BB2012/2012_06_Jun/120629_Metro_Energy_Mgmt_Activities_Update.pdf).

Staff commits to report back to the Board on our Energy Management progress at the end of FY13 for another update.

Since June 2012, Metro has installed another 0.5 megawatts (MW) of electricity specifically at our El Monte Transit Center. This is a 25% increase in our renewable energy portfolio compared to 2011. We are still in the process of installing our FTA funded Red Line Wayside Energy Storage System (2 MW flywheel technology). In the summer 2013, we will be installing the South Coast Air Quality Management District Gold Line Wayside Energy Storage System (1 MW energy storage using flywheels and 2 kilowatts (kw) using solar panels).

Last Summer 2012, staff also pursued the LADWP's Feed-in-Tariff program; but the potential projects identified are not viable to produce a reasonable rate of return. LADWP is currently offering another round of Feed-in-Tariff opportunities and Metro staff determined that this time, it is feasible to participate. Staff is currently developing an investment grade assessment to determine which among our Metro sites could be maximized for renewable energy investment participation. The results of the analysis will also be included in the June 2013 Energy Management Activities Update.

All of the major capital projects (Crenshaw LRT, Wilshire Extension, Regional Connector) are required, through the Metro Design Criteria, to consider the incorporation of renewable energy projects into the transit system wherever feasible. We are currently considering a solar panel installation at Division 13.

Staff had begun coordinating with the Highways Program to determine any relevant renewable energy opportunities that can be installed at their projects, particularly the High Desert Corridor Program. Discussions had included the potential for public-private partnership opportunities. A renewable energy conceptual report has been prepared.

A study on the use of biomethane (a renewable energy resource) is currently being concluded. The document outlining the potential to use this resource will be submitted to the Board in April 2013.

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