



## Sustainable Freight Advisory Committee

### **POLA LED Light Conversion Recommendation**

The SFAC recommends to the Port of Los Angeles and LADWP work to aggressively retrofit the lighting in the Port to high efficiency LED technology as soon as possible. It is recommended that this project effort be a top priority within the Port of Los Angeles / LADWP committee being implemented as a result of a prior SFAC recommendation.

The Port and LADWP should likely focus on the “high mast” lighting installations which typically consist of approximately twelve (12) 1,200 to 1,500 watt fixtures. Retrofitting these large consumers of electricity will likely provide the best opportunity for achieving economically and environmentally sustainable results in the shortest time possible.

It is expected that these “early wins” can likely be achieved relatively quickly and easily. These early wins will help to establish a successful working relationship between the member of the LADWP/Port of LA committee, which will help in the pursuit of the larger and more complicated study efforts on port electrification.

Beyond the high mast lighting installation, all Port of Los Angeles lighting within the terminals and Port complex should be considered as part of this effort.

Throughout all of these efforts, the Port should work to maximize the opportunity for the investment by LADWP’s Energy Efficiency Solutions Group in these retrofits and upgrades.

With the LADWP/POLA committee expected to commence its work together in May 2017, the SFAC recommends that this committee develop a framework for the LED Light Conversion Program by January 31, 2018, or sooner. This framework shall identify key Program milestones, terms, and ultimately, an expected completion date for the successful conversion of all high mast lighting within the Port of Los Angeles.