



CITY OF FORT LAUDERDALE
City Commission Agenda Memo
CONFERENCE MEETING

#16-1043

TO: Honorable Mayor & Members of the
Fort Lauderdale City Commission

FROM: Lee R. Feldman, ICMA-CM, City Manager

DATE: September 20, 2016

TITLE: Update on the Status of City of Fort Lauderdale Energy Performance
Contracting Projects

In Press Play and the Sustainability Action Plan, the City of Fort Lauderdale has identified actions and goals for energy conservation to reduce associated costs and to mitigate the climate change and environmental impacts of energy consumption. Electricity costs are a significant part of the City's annual budget, currently totaling over \$9 million annually with rate increases expected in the coming years. This presentation provides an update on status of the City's energy performance contracting projects, one of the methods by which the City will reduce its energy consumption.

The City has made many efforts to promote energy efficiency, conservation, and renewable generation including employee training and engagement; select retrofits of City buildings, and installation of renewable energy infrastructure. However, to achieve substantial energy efficiency improvements, a more extensive and comprehensive program is needed. To advance large scale energy retrofit projects, energy savings performance contracting (ESPC) is utilized by many municipalities because it provides guaranteed savings, turnkey project management, and a funding tool. Performance contracting consists of two phases: an audit to identify energy and water conservation opportunities; and the installation of approved conservation measures.

In February 2014, the Procurement Services Division solicited Request for Qualifications (RFQ) 946-11316 from experienced energy service companies (ESCOs) capable of performing investment grade energy performance audits (IGAs) and comprehensive energy management and energy-related capital improvement services for various City buildings, structures, lighting and facilities. On July 1, 2014 (CAM 14-0694), the City Commission approved the evaluation committee's ranking of the RFQ and authorized the negotiation of contracts with four ESCOs, Honeywell, ConEdison, Siemens and Chevron (now Opterra). Subsequently, City staff identified projects to be assigned to the ESCOs.

On August 18, 2015, the City Commission approved contracts for Honeywell and ConEdison to perform investment grade audits at selected City facilities (CAM 15-0654).

On July 12, 2016, the City Commission approved a third IGA with Siemens to evaluate the City's water metering system (CAM 16-0527). A fourth IGA contract with Opterra to evaluate the George T. Lohmeyer Wastewater Treatment Plant is pending completion of the Utilities Master Plan to ensure the project is aligned with the Master Plan.

The first ESPC contract engaging Honeywell will be brought for Commission approval (CAM 16-0980) shortly. Examples of the energy conservation measures included in that agreement are: lighting and air conditioning improvements at several buildings within the fleet fenceline site; LED lighting retrofit at the City Park Garage at 100 SE 1st Ave; insulation and lighting at the Transportation and Mobility Building; and LED cobra lighting retrofit for selected streetlights on Andrews Avenue and in the Sunrise Intracoastal neighborhood.

Strategic Connections

This item is a Press Play Fort Lauderdale Strategic Plan 2018 Initiative, included within the Internal Support Cylinder of Excellence, specifically advancing:

- Goal 12: Be a leading government organization, managing resources wisely and sustainably.
- Objective 3: Provide safe, efficient, and well-maintained vehicles, equipment and facilities and integrate sustainability into daily operations.
- Initiative 5: Integrate energy efficient retro-fits and sustainable design elements in City facilities.

This item advances the *Fast Forward Fort Lauderdale Vision Plan 2035: We Are United*.

Attachments

Exhibit 1 – Update: City of Fort Lauderdale Energy Performance Contracting Presentation

Prepared by: Nancy J. Gassman, Ph.D., Assistant Director Public Works Sustainability
Glen Hadwen, Sustainability Manager, Public Works Department

Department Director: Paul Berg, Acting Director Public Works Director