

## Legislation Details (With Text)

**File #:** RES. NO. 16-21  
**Name:**  
**Type:** Resolution  
**Status:** Passed  
**File created:** 7/12/2016  
**In control:** City Council - Regular Session  
**On agenda:** 11/10/2016  
**Final action:** 11/17/2016  
**Title:** A RESOLUTION AUTHORIZING THE AIRPORT DIVISION TO MAKE APPLICATION FOR AN ENERGY EFFICIENCY IMPROVEMENT PROJECT GRANT WITH THE MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT DIVISION OF ENERGY FOR CERTAIN AIRPORT PROJECTS. (BOAC 10-10-16) (F&BC 11/7/16)

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** 1. Resolution, 2. Electrical History-Airfield Lighting, 3. LED Elevated Runway Edge Lighting Info, 4. Old Style Light Info, 5. New Style Light Info, 6. L861T Light Fixture Info, 7. Exhibit A-(RW 18-36)

Date	Ver.	Action By	Action	Result
11/17/2016	1	City Council - Regular Session	adopted	Pass
11/7/2016	1	Finance and Budget Committee	recommended for approval	Pass
10/10/2016	1	Board of Aeronautic Commissioners	recommended for approval	

A RESOLUTION AUTHORIZING THE AIRPORT DIVISION TO MAKE APPLICATION FOR AN ENERGY EFFICIENCY IMPROVEMENT PROJECT GRANT WITH THE MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT DIVISION OF ENERGY FOR CERTAIN AIRPORT PROJECTS. (BOAC 10-10-16) (F&BC 11/7/16)

Issue/Request:

Resolution For Application For An Energy Efficiency Improvement Project Eligible With The Missouri Department of Economic Development Division of Energy for Airport Projects

Key Issues:

- Projects with energy cost savings are eligible through the Energy Loan Program.
- The upcoming runway paving project includes \$248,070.00 in high efficiency lighting fixtures and lamps.
- Retrofit of any buildings not already upgraded.
- A preliminary review by staff from the Missouri Department of Economic Development Division of Energy indicates this project would be eligible for participation once an application is received.
- The Airport has other projects that would also be eligible in the future and would like to

seek funding for other projects also.

- Application would be made in the fall of 2016 for consideration of eligible projects in 2017.

Proposed Committee Motion:

I move to recommend staff A RESOLUTION AUTHORIZING THE AIRPORT DIVISION TO MAKE APPLICATION FOR AN ENERGY EFFICIENCY IMPROVEMENT PROJECT GRANT WITH THE MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT DIVISION OF ENERGY FOR AIRPORT PROJECTS.

Background:

The Division of Energy has a program whereby public schools (K-12), public/private colleges and universities, city/county governments, public owned airport facilities (municipal, county, regional, and international), public water and wastewater treatment facilities, and public/private not-for-profit hospitals are eligible to participate in an energy costs reduction program. This program provides funding for various energy-saving investments, including projects such as upgrading insulation, lighting systems, heating and cooling systems, windows and other items that affect energy usage.

The program provides recipients the benefit of reduced energy costs. The program also frees up tax dollars that local governments can use for essential services or other capital improvements. The program is operated on monies saved on energy costs as a result of implementing the energy-efficiency projects.

Since this program was initiated in 1989, the Division of Energy has participated in over 577 projects, which has resulted in nearly \$103 million in completed energy-efficiency projects and more than \$181 million in estimated cumulative energy savings.

Projects with energy cost savings are eligible with this Energy Loan Program. Examples of eligible projects include:

- High efficiency lighting fixtures and lamps
- High efficiency heating, ventilation and air conditioning systems
- Combined heat and power systems
- Renewable energy systems
- Waste heat recovery
- Energy efficient fine bubble diffusers and high efficiency pumps
- Building shell improvements such as insulation and other infiltration measures
- Other measures that reduce energy use and cost

Applications will be reviewed on a competitive basis until all available funds are awarded.

Impact/Analysis:

Results from this program will result in the City receiving credits for the installation of energy reduction equipment and lower electrical expense for the Airport.

Timeline:

Start: \_\_\_\_

Finish: \_\_\_\_

Other Information/Unique Characteristics:

The Airport did a similar project through KCP&L in 2015/2016 which involved replacing the lighting fixtures in 23 buildings with LED lights and the replacement of airfield lighting fixtures on Runway 11/29 and supporting taxiway. The fixtures were provided free of charge, airport staff replaced the fixtures and airfield lighting. The result was a reduction in kilowatt usage of 48 percent and a reduction in electrical expense of 28 percent.

Presenter: John Ohrazda, Airport Manager

Recommendation: Staff Recommends A RESOLUTION AUTHORIZING THE AIRPORT DIVISION TO MAKE APPLICATION FOR AN ENERGY EFFICIENCY IMPROVEMENT PROJECT GRANT WITH THE MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT DIVISION OF ENERGY FOR CERTAIN AIRPORT PROJECTS.

Committee Recommendation: The Board of Aeronautic Commissioners voted unanimously 8-0 for Staff to Recommend A RESOLUTION AUTHORIZING THE AIRPORT DIVISION TO MAKE APPLICATION FOR AN ENERGY EFFICIENCY IMPROVEMENT PROJECT GRANT WITH THE MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT DIVISION OF ENERGY FOR CERTAIN AIRPORT PROJECTS.