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**2015-2017 Energy Efficiency & Solar Grants for Higher Education, Local Governments, State Agencies, and K-12 Public Schools**

**October 19, 2016**



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**Background and Program Purpose**

- Commerce’s Energy Efficiency Program began with the Jobs Act in 2010. The program originally received \$50 million to make higher educational facilities and k-12 public schools energy efficient
- Since then, the program has expanded to include state agencies & local government
- The program also now funds solar projects
- Commerce has funded 293 projects with \$114 million.





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**Grant Scoring Criteria**

Grants are determined through a competitive process, based on the following criteria and scored in the following order:

**Energy savings** (the higher the energy savings, the higher the score)

**Leverage ratio** (the higher the ratio of non-state funds to state funds, the higher the score)





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**What Funds Can Be Used for Non-State Leverage?**

Local Governments may use the following non-state funds as leverage/match:

- Local Option Capital Asset Lending (LOCAL) through the Office of the State Treasurer
- Utility incentives
- Private lenders
- Local and federal funds
- Non-state appropriated funds





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**What Funds Cannot be Used as Leverage?**

- Any funds that originated as an appropriation from the Legislature.
- These funds cannot be used to supplant other funds obtained through the private sector – e.g. payoff loans)





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Let’s look at an example of a very successful energy efficiency project that received an energy efficiency grant from Commerce to help significantly upgrade energy and cost savings at the Bremerton Wastewater Treatment Plant, courtesy of Chal Martin, Public Works Director for the city of Bremerton.






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**Bremerton's Experience with Energy Saving Performance Contracting**

*A Successful Public - Private Partnership Case Study*

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**The Situation**

- Old Primary Effluent Pumps (heart of the entire system) operating since 1985
- Pump controls at risk of imminent failure
- Capital Improvement Plan (CIP) piecemealed several projects for eventual total PE pump system replacement including motors, suction and discharge ball-gate valves, check valves, flow meter, and main header valves
- Project had been delayed because of difficulty



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**What We Did**

Replaced the entire Primary Effluent (PE) pumping system, including:

- New 125 HP high efficiency inverter-rated motors
- New Variable Frequency Drives (VFD's)
- New High efficiency Flygt dry pit pumps, piping and isolation valves on all five systems
- Full up permanent bypass system for future use
- New pre-fab Blazer building to house VFD's



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**The Partnership - \$3.1 mil project**

- **Department of Enterprise Services:** Project Manager
- **Trane:** Design Build Energy Services Contractor
- **Commerce:** Energy saving grant \$500,000
- **PSE:** Energy rebate \$314,956
- **City of Bremerton:** owner; maintained complete control over the project

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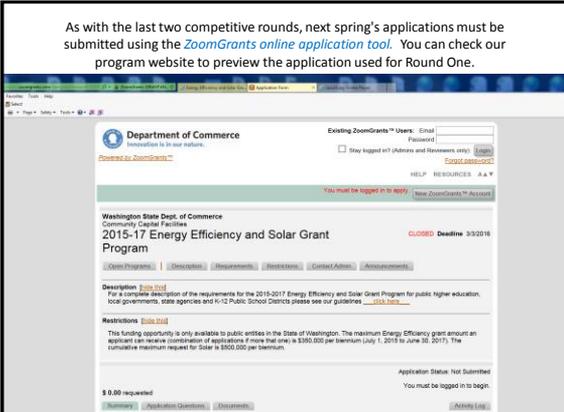
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**Results**

- \$3.1 million project: \$500k Commerce grant, \$317k PSE rebate; \$2.3 million City of Bremerton
- **Bremerton got:**
  - The design we wanted – including new valving and redundancy
  - The backup systems we needed during the work
  - The equipment we wanted
  - The subcontractors we wanted
- **AND:** 200 staff time needed from our Engineering folks
- **AND:** concept to completion in 14 months
- **Energy Savings promised:** 1,391,847 kWh -- \$100,956/year
- **Energy Saving actual:** 1,451,554 kWh -- \$114,673/year

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As with the last two competitive rounds, next spring's applications must be submitted using the **ZoomGrants online application tool**. You can check our program website to preview the application used for Round One.



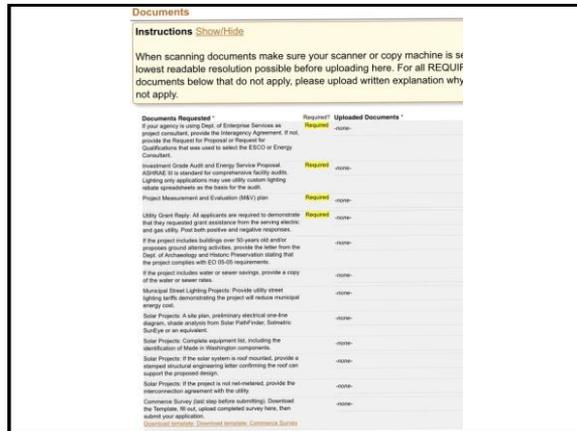
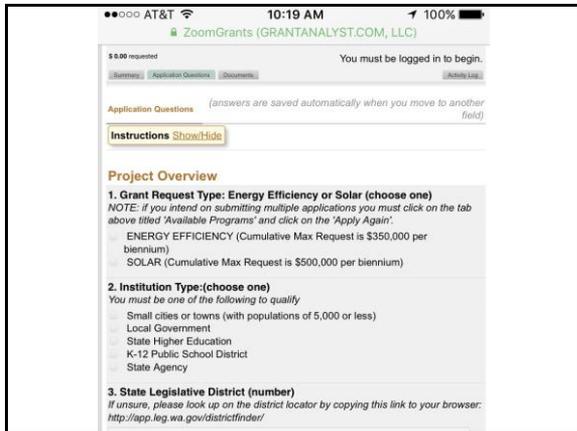
Department of Commerce  
Existing ZoomGrants™ Users: Email Password

Washington State Dept. of Commerce  
Community Capital Facilities  
**2015-17 Energy Efficiency and Solar Grant Program** CLOSED: Deadline: 3/30/16

Description [View PDF](#)  
For a complete description of the requirements for the 2015-2017 Energy Efficiency and Solar Grant Program for public higher education, local governments, state agencies and In-C Public School Districts please see our guidance [Application Guidelines](#).

Restrictions [View PDF](#)  
This funding opportunity is only available to public entities in the State of Washington. The maximum Energy Efficiency grant amount an applicant can receive (combination of applications if more than one) is \$500,000 per biennium (July 1, 2015 to June 30, 2017). The cumulative maximum request for Solar is \$500,000 per biennium.

\$ 0.00 requested  
Application Status: Not Submitted  
You must be logged in to begin.



### Important Information to Keep In Mind

- Applications for the Round Two are **due MARCH 9, 2017 by 5:00 p.m.**
- The maximum energy Efficiency Grant is \$350,000; the maximum Solar Grant is \$500,000
- The total maximum amount of grant funds that an applicant can be awarded during the 2015-17 biennium is \$850,000 **cumulative for both rounds** – Round One in 2016 (completed) and Round Two in 2017
- There is a 10% set aside for small cities and towns (population under 5,000)
- Applications must be submitted using the **ZoomGrants** web application tool linked through the Commerce Energy Efficiency-Solar Grant program website (Round Two application link will be live in January 2017)
- **Minimally** revised program guidelines will be available on the Energy Efficiency-Solar Grant program website by the end of the year



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### 2015 -2017 Energy Efficiency & Solar Grants

[www.commerce.wa.gov/growing-the-economy/energy/energy-efficiency-and-solar-grants/](http://www.commerce.wa.gov/growing-the-economy/energy/energy-efficiency-and-solar-grants/)

[www.des.wa.gov/services/facilities/Energy/ESPC/Pages/default.aspx](http://www.des.wa.gov/services/facilities/Energy/ESPC/Pages/default.aspx)

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# That's all folks!!