

HOW

TO...

# APPLY FOR SERVER CONSOLIDATION & VIRTUALIZATION INCENTIVES



## SUSTAINABILITY OPPORTUNITY

Stanford and PG&E will pay schools or departments to consolidate old hardware with new hardware. You can do this either by consolidating multiple servers onto fewer servers, or you can be even more efficient and convert old hardware to virtual servers.

PG&E provides an incentive payment of up to 1 year's worth of electricity savings, up to 50% of the project costs. This typically translates to about \$250 per server that is removed. For example, if you consolidate 5 servers into one, you would get an incentive payment for 4 servers removed or about \$1000.

Stanford Utilities through the Energy Retrofit Program (ERP) provides an incentive payment of up to 3 year's electricity savings, up to 100% of the project costs. For the same 5:1 server consolidation described above, you could receive an additional \$3000 to cover the costs of the project.

## HERE'S HOW:

### APPLICATION PROCESS

The ERP rebates are based on PG&E rebates, so start with PG&E:

#### 1) Learn About It

Read about the program at the PG&E website - Customized Retrofit Incentives (CRI): <http://pge.com/mybusiness/energysavingsrebates/rebatesincentives/ief/>. Server consolidation and virtualization are not specifically mentioned but they fall under the energy saving equipment cash payment rates listed in the Incentives for 2010 section.

#### 2) Contact PG&E

Contact Stanford's PG&E Representative, Eric Jansen, to let him know you are interested in the Customized Retrofit Incentives program for Server Virtualization: [EEJ1@pge.com](mailto:EEJ1@pge.com) or (650) 598-7278.

#### 3) Complete the CRI Application

Eric Jansen can assist you with filling out the [Customized Incentive Program application](#). If you know how many servers you are starting with, how many you will end up with, and your estimated project costs, PG&E will run the calculations and determine the eligible incentive for you. This is the data that goes in the tab labeled "Retrofit #2". You can coordinate this assistance through Eric Jansen.

#### 4) Mail the Completed CRI Form to PG&E

Mail the original signed application to the IPC address in the application instructions with an email copy to Eric Jansen ([eej1@pge.com](mailto:eej1@pge.com)) and Joyce Dickerson ([sustainableit@stanford.edu](mailto:sustainableit@stanford.edu)).

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## 5) First PG&E Inspection

When approved by PG&E, they will contact you and send someone out to look at the current installation. Please wait for the project approval letter from PG&E before you remove any equipment.

## 6) Do The Work

Once the first PG&E inspection is completed, begin working on the project. Save invoices as proof of your costs.

## 7) Final PG&E Inspection & Incentive Payment

When the project is completed, contact PG&E and let them know you are ready for 'post-project' inspection. PG&E will complete the inspection, verify your incentive amount, and send a check shortly after the inspection.



## THE ENERGY RETROFIT PROGRAM (ERP) PROCESS

### 1) Learn About It

Stanford's Energy Retrofit Program has been expanded to provide rebates for IT-related projects that save energy.

- The program is run by Scott Gould in the Utilities Division:  
[scott.gould@stanford.edu](mailto:scott.gould@stanford.edu).
- The reimbursement rate is 3 year's electricity savings.
- Reimbursements can be up to 100% of the cost of the project.
- In most cases, there is a cap of \$50,000 per project (there are exceptions – ask Scott Gould for details)
- All projects must be completed in same fiscal year in which the application was received.

### 2) Work with PG&E

Complete the PG&E paperwork and get the process started.

### 3) Apply for ERP Funds

Send a copy of the PG&E paperwork to [Scott Gould](#), along with a brief explanation of the project.

### 4) Keep ERP Informed

Keep Scott informed about the application's progress as you pass through the PG&E phases, especially when you get final approval.

### 5) Receive Funds

ERP funds are typically distributed in July and August.

#### MORE INFORMATION

##### SUSTAINABLE IT

[http://sustainable.stanford.edu/sustainable\\_it](http://sustainable.stanford.edu/sustainable_it)

##### CONTACTS

Sustainable IT: Joyce Dickerson, Director, Sustainable IT, Facilities Energy Management, SEM 650.723.8254, [jdickerson@stanford.edu](mailto:jdickerson@stanford.edu)

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