



chair **John Chiang**  
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State of California  
**Franchise Tax Board**

08.08.13

To: Selvi Stanislaus

From: Jeanne Harriman

**Subject: Request for Approval - Facility Action Item**

## Memorandum

This memorandum provides information for your notification to the Board pursuant to the Board's resolution requiring approval for Facility Action Items. FTB is requesting approval to proceed with the following:

### New Generator Install in FTB Hosted Data Center

FTB hosts a Data Center, which contains FTB's mission critical infrastructure and systems that provide the backbone for FTB's revenue-generating capabilities. This includes the computer equipment (mainframe, servers and data storage systems) that supports FTB's internal and public facing services. FTB has experienced two power outages since 2009: The first occurring October 28, 2009 and the last on August 8, 2012. The existing generator failed to operate as designed on both occasions. The Data Center's current path of failover consists of; primary power (SMUD), UPS (battery), generator. If the generator fails, power loops back to UPS providing only 1 hour for SMUD to reestablish power before rendering all services unavailable.

Installing an additional generator to the Data Center will provide the level of redundancy necessary to significantly reduce the risk to FTB's mission critical infrastructure and systems resulting from an unexpected loss of power.

The Data Center Facilities Unit is requesting the Board's approval to approach DGS to purchase, design, and install a new generator to the Data Center in support of providing reliable redundant power in support of a TIER III data center facility. The cost for design, install and materials is estimated at approximately \$540,000. Additionally, there is a \$4,300.00 ongoing annual maintenance cost which allows for quarterly testing and maintenance. An alternative for this solution is a secondary power feed, however, this option would cost FTB approximately \$720,000 and would not be a TIER III qualifier.

Central Office Badge Reader Installation in Network/Telecom Rooms

The Worksite Security Section is requesting the Board's approval to approach DGS to install new electrical wiring in eleven network/telecom rooms throughout the FTB Central Office Campus. The electrical wiring is required to provide power to new access control badge readers that will be installed on each room's entry door. The badge readers themselves will be installed under a separate security contract that has already been funded.

Currently, the eleven rooms are controlled only by key and are not tied into FTB's badge access control system. Therefore, entry into these rooms cannot be monitored and controlled by Worksite Security. FTB's network/telecom rooms are Special Security Areas that contain expensive and mission critical equipment and it is critical that all entries into the rooms can be monitored and controlled. New badge readers will address this need.

If you have any questions regarding any of the above items, please contact me at 845-6431.



Jeanne Harriman, Director  
Financial Management Bureau  
Franchise Tax Board