

# Change Control and Issues Request Form

Change Control Forms will not be accepted unless submitted by a member of the Stakeholders Advisory Committee (SAC)

**\*All change control forms must be received one week prior to the next SAC meeting in order to be available for presentation at that meeting.**

Instructions: Fill out all required fields below and submit to [wregishelp@wecc.biz](mailto:wregishelp@wecc.biz).

*Items in blue are for office use only*

Status: **Version 2**

Date Requested: 4/6/2010

Project Issue/Change Request ID (PIR/PCR): **PCR-181**

Type of Change/Request:

Title of Change/Request: **Application Programming Interface (API) for automated downloads of**

Priority:  Urgent  High  Medium  Low

Target Date: **7/1/2010**

Requested By: Owen Goldstrom

Phone Number: (415) 973-5729

E-mail Address: okg1@pge.com

Organization: PG&E

## Description:

Title:  
Application Programming Interface (API) for automated downloads of account holder reports from WREGIS.

Create an API that will enable WREGIS account holders to securely and automatically download account holder reports from the WREGIS website. The proposed API would provide an interface to facilitate integration of WREGIS certificate and generation data into WREGIS account holders' systems.

To accomplish this WREGIS would need to modify the code of the WREGIS platform to provide an API. The API would allow automatic downloads of account holder reports from the registry platform to the account holder system. The data accessed through the API would be limited only to account holder reports within an authorized account. This will ensure data remains confidential to each account holder. The message communication channel will be secured via SSL (Secure Sockets Layer) communication protocol - the same encrypted communication protocol used for all end-user interaction with the registry platform via web browser. Upon receipt of the message the registry platform will perform certain actions implied by the content of the message.

The proposed API would facilitate the automatic download of five account holder reports (outlined below). These reports would be automatically downloaded from the WREGIS website approximately four times a day.

Account Holder Reports:

- Certificate Transfer History
- My Generation Activity Log
- My Generation Report
- NERC E-Tag Summary Report
- Account Holder Fees Report

## APX Response:

## Rational / Benefit / Need:

PG&E is developing a REC Accounting System that is designed to meet a number of business needs regarding compliance with the Renewable Portfolio Standard. The REC Accounting System will view and verify certificates held in PG&E's WREGIS account.

WREGIS account holders building internal REC Accounting Systems would benefit from automating the download of account holder reports from WREGIS. This will allow WREGIS account holders to effectively manage an increasing number of RECs using automated internal databases. Automating this downloading functionality will increase the efficiency and accuracy of REC management and reporting for WREGIS account holders.

**Consequences of Not Implementing Change:**

As REC volumes increase, manually downloading data will become increasingly cumbersome and expensive for WREGIS account holders.

**Deliverables:**

**Estimate for Scheduled Release:**

**Cost Impact:**

**Total Cost Estimate:**

**Risk and Issues Involved:**

**External Impacts:**

**Approvals:**

APX:

Date:

CEC/WREGIS:

Date:

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## Attachments / References:

Please send to SAC:

Contact Person: Bobbie Jessop

Phone number: 801-883-6883

E-Mail: [bjessop@wecc.biz](mailto:bjessop@wecc.biz)

## Notes: