
Kilarc-Cow Creek Hydroelectric Project Decommissioning FERC Project No. 606

Public Meetings

September 12th and 13th, 2007



*Pacific Gas and
Electric Company™*

Introductions and Meeting Process

Objectives for Meeting

- Present Preliminary Proposed Decommissioning Plan
- Open 30-day period for public comments
- Provide initial opportunity for comments

Agenda

- Background
- Development of Preliminary Proposed Decommissioning Plan
- Process and Schedule for comments
- Scope of Decommissioning Plan
- Overview of Preliminary Proposed Decommissioning Plan
- Review schedule for License Surrender Process
- Public comments

Background

- PG&E initially sought to renew license to operate, filed Notice of Intent to relicense (2002)
- After performing initial studies and consulting with Relicensing Stakeholders, PG&E decided not to relicense
- Decision Based On:
 - Project economics
 - Anticipated new license conditions
 - Environmental benefits of decommissioning

Background

- Entered into a Project Agreement to implement decommissioning
- PG&E agreed not to seek a new license
- FERC issued “Public Notice” that the license was available
- Several entities evaluated acquiring the license and Project, but failed to file license application
- FERC ordered PG&E to develop a decommissioning plan and file a License Surrender Application by March 2009

Development of Preliminary Proposed Decommissioning Plan

- Project Agreement - “Desired Conditions”
- Comments received at public meetings, site visit
- Informal discussions with stakeholders
- Written comments
- Preliminary engineering analysis

Process and Schedule for Comments

- Plan introduced today and posted on the website <http://www.kilarccowcreek.com/>
- Opens 30-day period for public review and written comment
- Public comments due to PG&E by October 12th
- PG&E reviews comments
- Discuss PG&E's responses to public comments at November 7th/8th meetings

Scope of Decommissioning Plan

- FERC has defined the scope of the decommissioning plan
- Scope is for rendering the Project non-operational, now and in the future (as directed by FERC)
- FERC will conduct an Environmental Assessment

Preliminary Proposed Decommissioning Plan Overview

- Most facilities proposed for removal
- Provides the general scope of decommissioning activities to allow FERC to conduct the Environmental Analysis
- After FERC issues License Surrender Order, PG&E will develop detailed engineering decommissioning plans

Diversion Dams



South Cow Creek Diversion Dam

Diversion Dams



Kilarc Diversion Dam

Canals and Conduits



Mill Creek Canal - Earthen Section

Canals and Conduits



Kilarc Main Canal – Shotcrete Lined Section

Canals and Conduits



CONCRETE CANAL

EARTH
BERM

Kilarc Main Canal – Concrete Section

Canals and Conduits



Kilarc Main Canal – Wooden Flume

Canals and Conduits



Kilarc Main Canal – Steel Flume

Tunnel



South Cow Creek Canal - Tunnel

Penstocks



Kilarc Penstock

Powerhouses and Switchyards



Kilarc Powerhouse



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Powerhouses and Switchyards



Kilarc Powerhouse and Switchyard

Powerhouses and Switchyards



Cow Creek Powerhouse



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Forebays



Cow Creek Forebay

Forebays



Kilarc Forebay

Kilarc Forebay

- Operation for Power Generation
 - Not an Option for PG&E
 - FERC has directed PG&E to render the Project non-operational

Operation by Other Party for Power Generation

- Orphan Phase Passed
- FERC has Ultimate Authority

Kilarc Operation As a Recreation Facility

- PG&E will not operate Kilarc Forebay as a recreation facility
- Issues that would need to be addressed
 - Entity to take-on liability for future operation and maintenance as a recreation facility
 - Procure Water Rights for recreation
 - Upgrade diversion structure to current standards
 - Obtain land rights or easements for public access and facilities
 - FERC approval

Schedule for Decommissioning Plan Review

- Stakeholder comments due to PG&E by October 12th
- Discuss PG&E's responses to stakeholder comments at November 7th/8th meetings

Schedule for Developing License Surrender Application

- Develop Draft License Surrender Application August 2008
 - Incorporates revised Preliminary Proposed Decommissioning Plan
 - Results of any additional studies
- Public comment period
- Final License Surrender Application filed at FERC March 2009

Preliminary Estimated Cost

Activity Phase	Estimated Cost
Preparation and Filing of Surrender Application, including Decommissioning Plan	\$1,000,000
Project Facility Removal	\$8,000,000
Post Decommissioning Monitoring	\$1,400,000
Total Estimated Decommissioning Cost	\$10,400,000

FERC Actions After Filing

- FERC Conducts Environmental Assessment
- Only evaluates decommissioning alternatives
- Issues Order to develop detailed plans (6 month – 2 years)
 - PG&E prepares and files engineering removal plan and site restoration plan (6 – 12 months)
 - FERC Orders PG&E to discontinue generation and decommission Project
- PG&E Decommissions Project (2 years)
 - Follow-up monitoring (2 years)

Public Comment
