



**WECC Regional Planning
Pacific Northwest/Canada to Northern California
Transmission Project**

Stakeholder Meeting of August 2, 2007

Project Manager Presentation

Steve Metague



Agenda

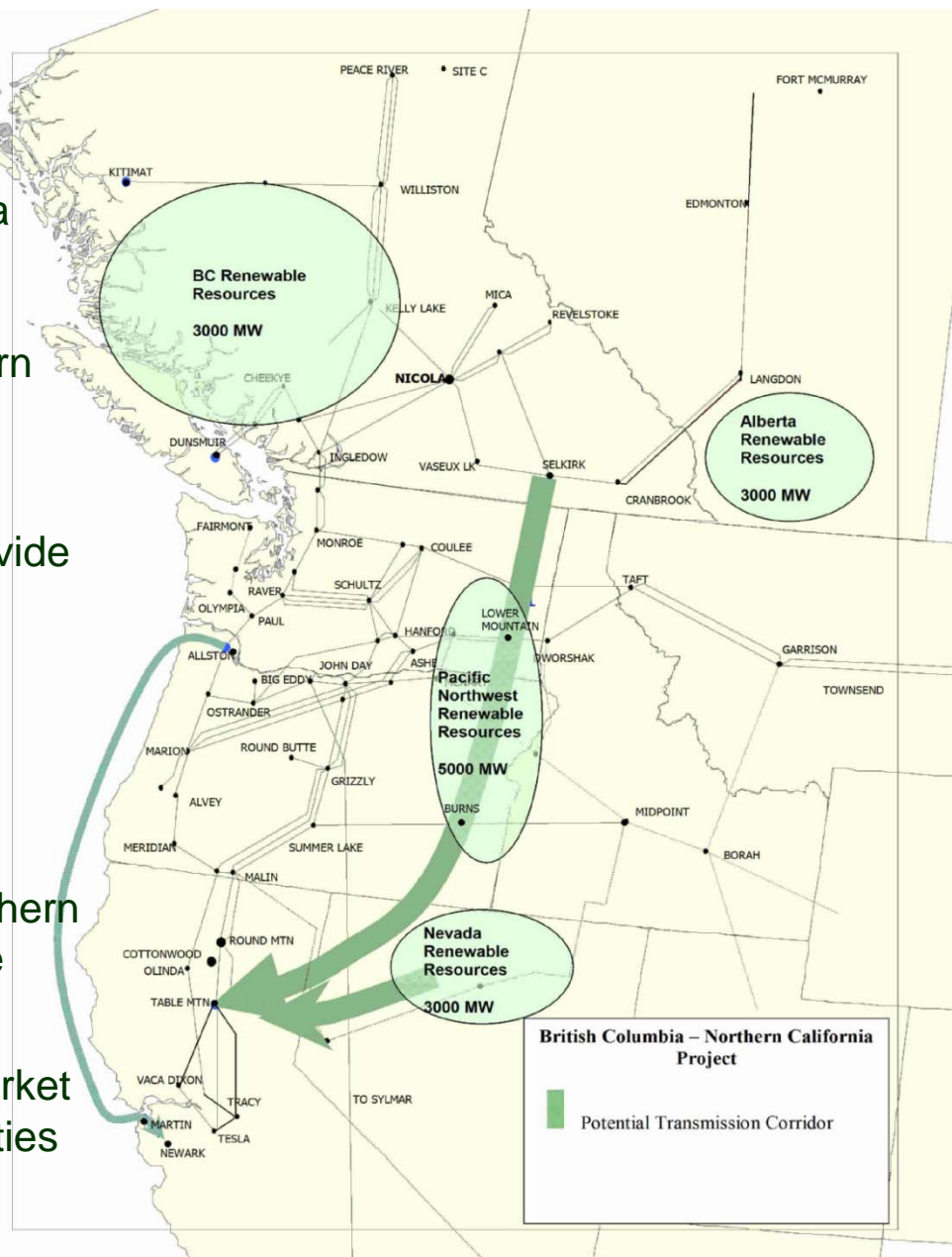
	<u>Presenter</u>
11:00 a.m. – Introduction and Project Overview	Steve Metague
11:30 a.m. – Loads and Resources – Technical Analysis Committee Reports	Dennis Sullivan and Ben Morris
<i>(Lunch 12:30)</i>	
1:00 p.m. – Economic Analysis Committee	Manho Yeung
1:30 p.m. – Updates from Steering Team	Steering Team
2:00 p.m. – Open Mic and General Q&A	All
3:00 p.m. – End	

Project Overview

On August 16, 2006 PG&E initiated a WECC Regional Project Planning Process for a High Voltage Transmission line connecting Northern California, the Pacific Northwest and Canada.

This proposed line is intended to provide three main benefits.

1. Provides access to significant incremental renewable resources in Canada and the northwestern United States.
2. The proposed PNW/Canada - Northern California project would help improve regional transmission reliability.
3. The project could provide other market participants with beneficial opportunities to use the facilities.



WECC Regional Planning Overview

Regional Planning and Project Rating Process Sequence

Project Phases	Formation	Studies	Licensing	Construction
Regional Planning Process	Assessment, Project Review			
Rating Review Process	Phase 1 Proposed Rating	Phase 2 Planned Rating	Phase 3 Accepted Rating	
Progress Reports	Progress Reports Are Required Throughout the Entire Planning Process			

Notes:

1. “Proposed Rating” – used at the initiation and throughout Phase 1 of the Project Rating Review Process
2. “Planned Rating” – is the final rating at the conclusion of Phase 1 of the Project Rating Review Process and used throughout Phase 2 of the Project Rating Review Process
3. “Accepted Rating” – is the final rating at the conclusion of Phase 2 of the Project Rating Review Process and is also the rating that is used when the Project is placed in-service

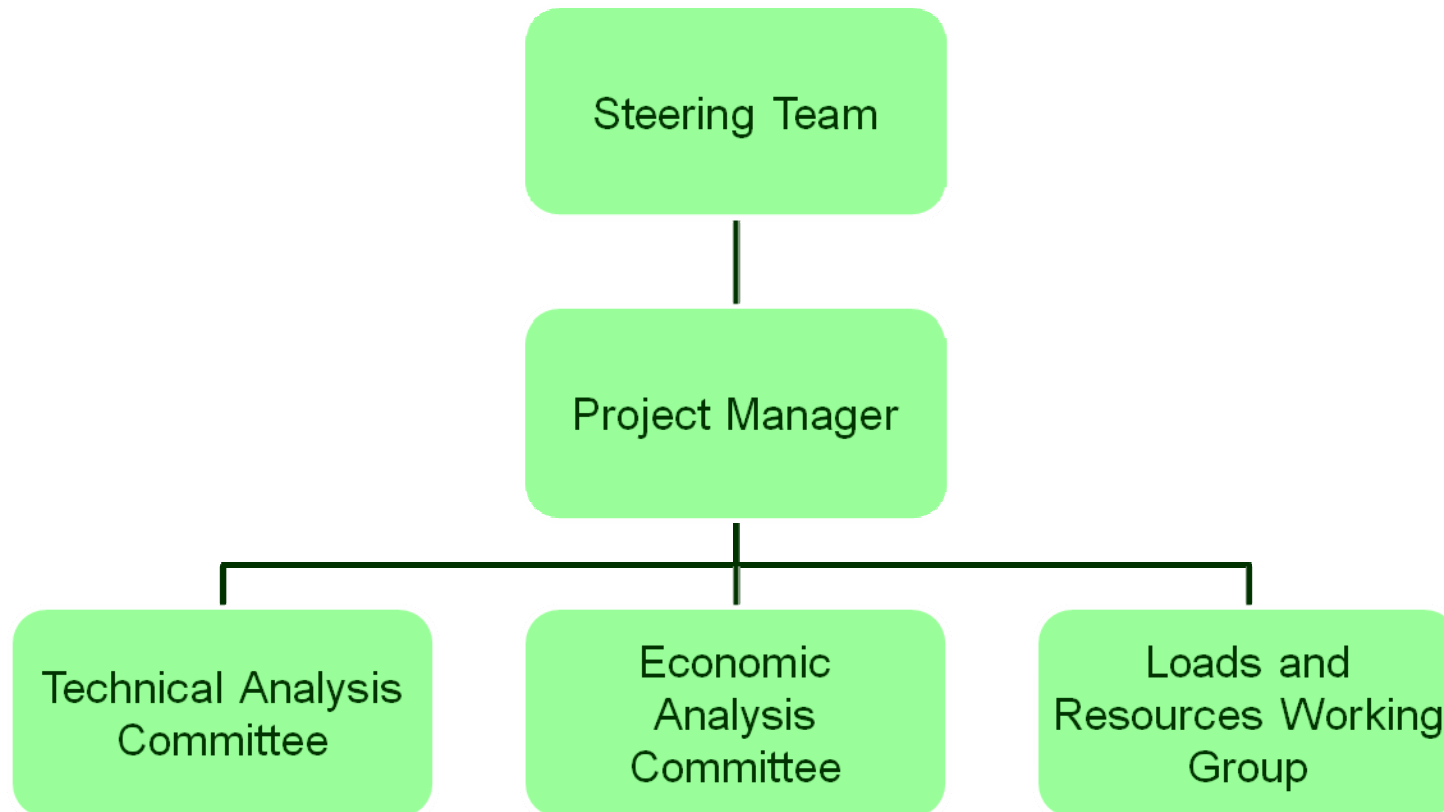


Steering Team

Steering Team:

- Composed of officer representatives, from: Avista, BCTC, PacifiCorp, PG&E, Sierra Pacific and TANC
- Roles:
 - Guide the development of the project.
 - Review and approve committee study plans and timelines.
 - Provide recommendations based on results of committee output.
 - Brief Federal/State/Local Officials and Regulatory Agencies

Organizational Structure



Note: Other committees will be formed as necessary, to address tasks such as permitting/environmental review and govt./regulatory issues.



Make-up of Committees

- Participation is encouraged on an ongoing basis.
 - Committees were formed shortly after 12/12/2006 Stakeholder Kickoff.
 - Other members have joined as they gained interest.
- Loads and Resources
 - 20 members, including renewable developers, investor owned and municipal utilities, and energy industry consultants.
- Technical Analysis
 - 30 members, including energy marketers, investor-owned and municipal utilities, the CAISO, energy industry consultants, and one independent transmission company.
- Economic Analysis
 - 15 members, including energy marketers, investor-owned and municipal utilities, energy industry consultants, and one independent transmission company

Basic Elements of Conceptual Project Schedule

Task Name	Duration (months)	Start (Mo-Yr)	Finish (Mo-Yr)	2007				2008				2009				2010				2011				2012				2013				2014				2015			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
FEASIBILITY ANALYSIS Regulatory & Stakeholder Coordination Corridor Selection High Level Design and Maintenance Standards Commercial Model Project Participation Agreement	18	Jan-07	Jun-08					●	●																														
PROJECT PERMITTING Application Preparation (PEA) EIR/EIS Process Other State/Federal Permits	45	Jul-08	Apr-12						●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
PROJECT DESIGN Substation Design Transmission Line	52	Jan-08	Apr-12						●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
PROJECT LAND ACQUISITION Easement Documents Appraisals/Negotiation Condemnation	39	Nov-10	Jan-14																																				
PROCUREMENT OF MATERIALS	36	Jan-11	Jan-14																																				
CONSTRUCTION Assumes simultaneous construction of several segments	42	Apr-12	Sep-15																																				
RELEASE TO OPERATION	12	Jun-14	Sep-15																																				

Note: This conceptual project schedule was prepared based on preliminary information without the benefit of route screening, preliminary engineering or other tasks necessary to finalize a detailed schedule. The timeframes set forth herein may change as the result of pre-application studies.



Communications

- Website:
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