

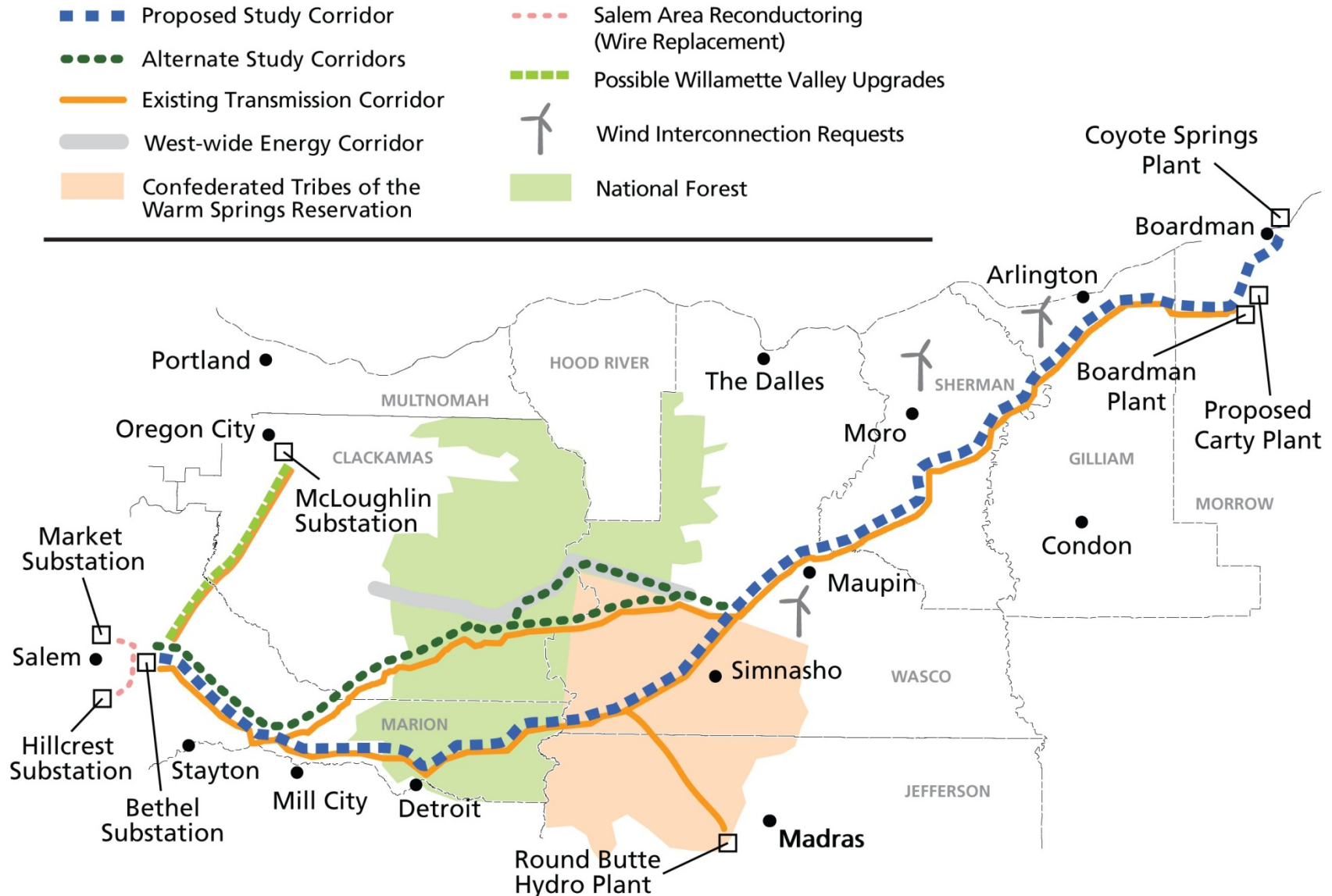
Cascade Crossing Collaboration

SPSC Federal Land Siting Discussion

January 11, 2011

Deb Schallert, Tom Stoops, Kristy Boscheinen, & Robin Estes

Cascade Crossing Transmission Project



Cascade Crossing Transmission Project

Project purpose and need

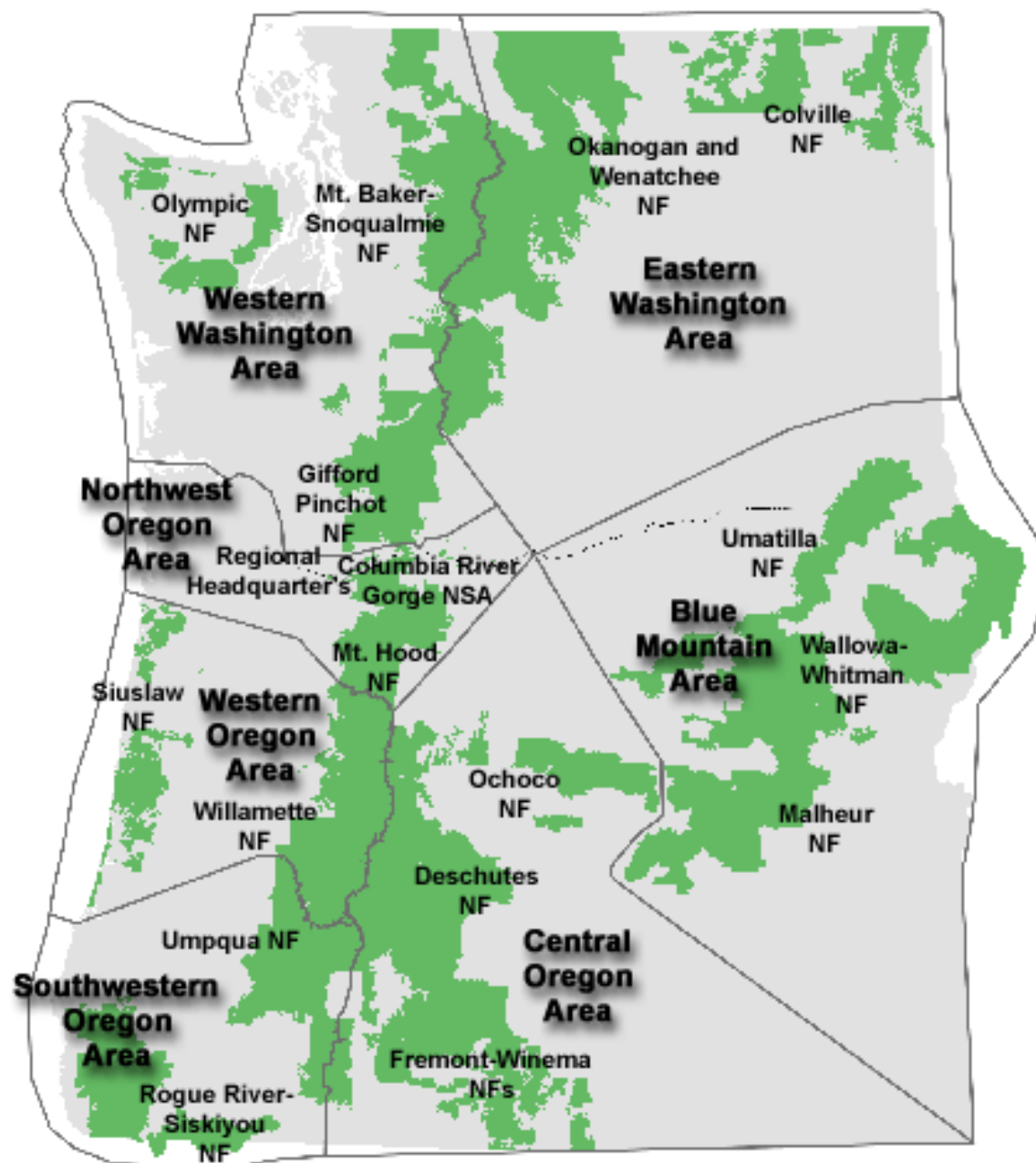
- **Help meet Oregon's growing energy needs.**
- **IRP acknowledged by Oregon PUC November 19, 2010.**
- **Enhance reliability of the electrical grid.**
 - **Addresses potential congestion on East-to-West transmission path**
- **Provide connection to renewable resources.**
 - **Enables 1700 MW of planned wind projects**
 - **Potential transmission for additional wind projects**
 - **Supports compliance with state Renewable Energy Standard**
 - **Satisfies FERC Open Access Transmission Tariff**
- **Provide transmission capacity for potential investment partners.**

Cascade Crossing Transmission Project

PGE key principles for transmission siting

- **Enhance the reliability of the electrical grid.**
- **Provide access to more renewable energy.**
- **Minimize impacts on homes, farms, businesses and the environment.**
- **Listen to community members and consider feasible alternatives.**
- **Plan for future power needs.**
- **Manage costs to keep prices affordable for our customers.**

PGE's double-circuit 500 kV line intends to parallel existing transmission or federally designated energy corridors as much as possible.



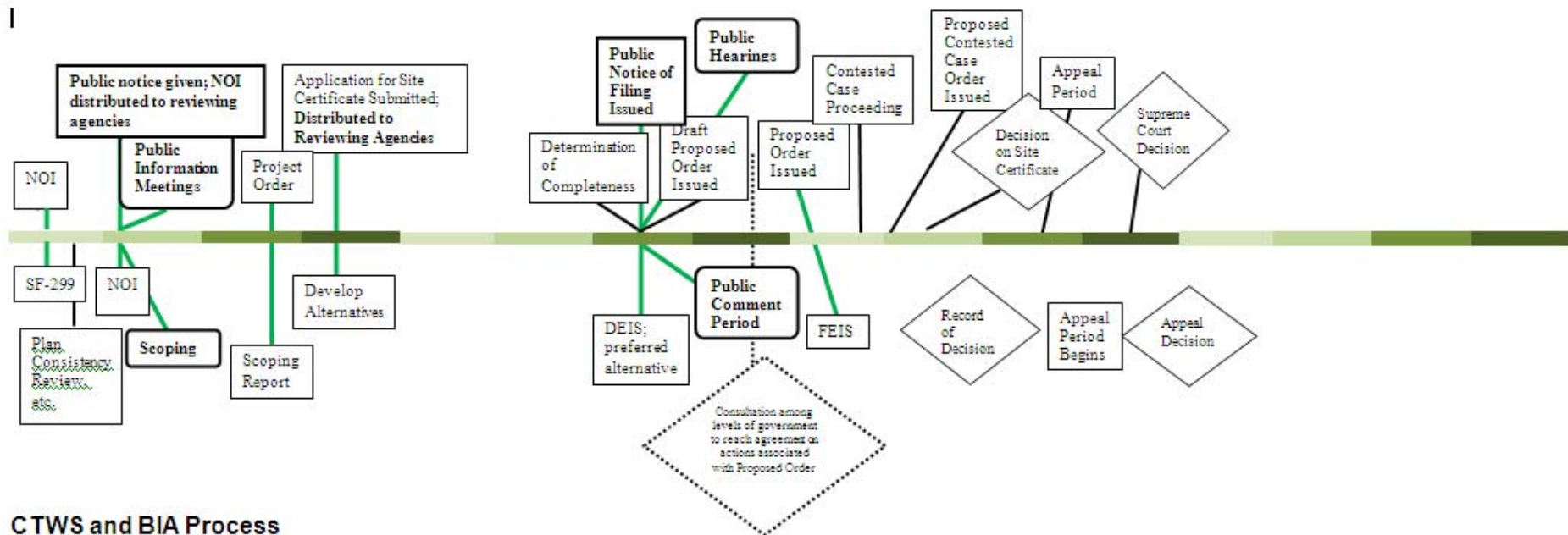
CASCADE CROSSING FEDERAL, STATE, AND TRIBAL PERMITTING TIMELINES

May 2010

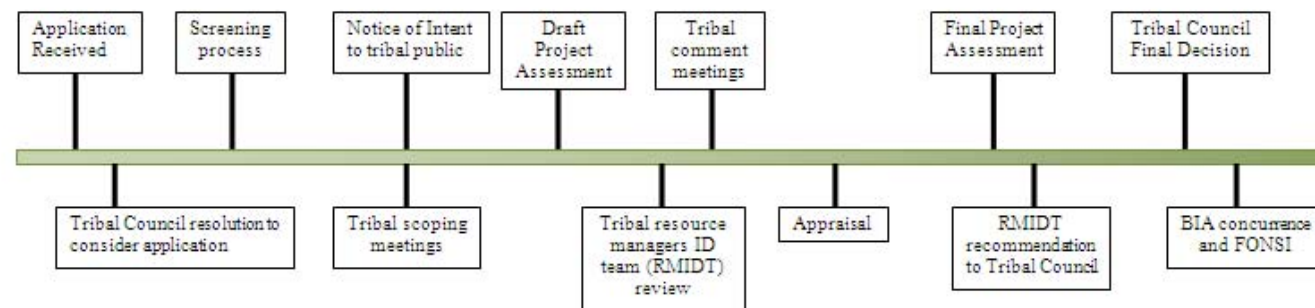
2010				2011				2012				2013			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4

EFSC Process shown above colored line; NEPA process shown below colored line

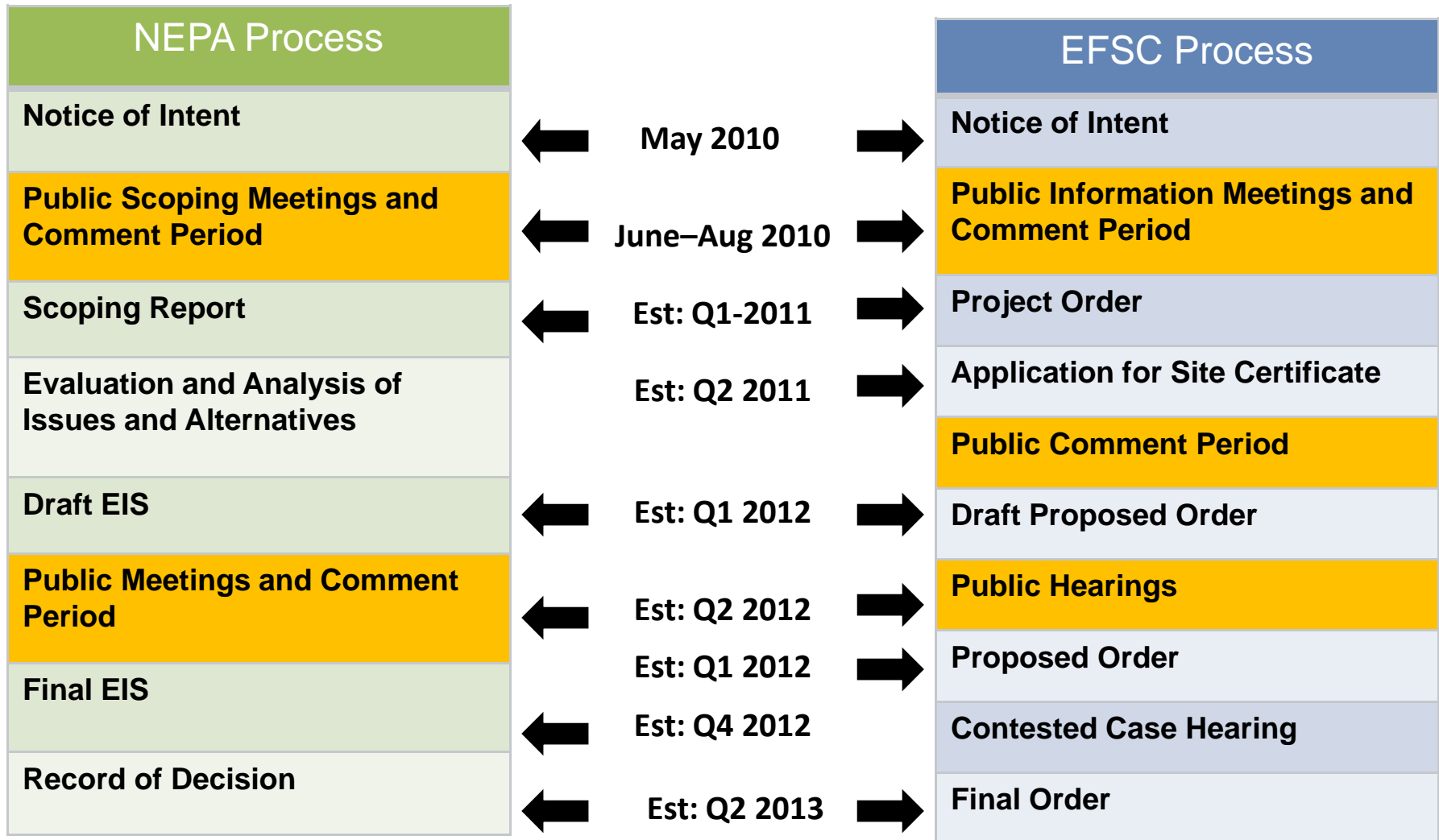
(Steps at which cooperating agencies can be involved are shown in **bold**. Steps at which processes can be concurrent are shown with a **green line**.)



CTWS and BIA Process



Cascade Crossing Permitting Timeline



ORGANIZATIONAL CHART CASCADE CROSSING TRANSMISSION PROJECT CONSULTANTS/CONTRACTORS

