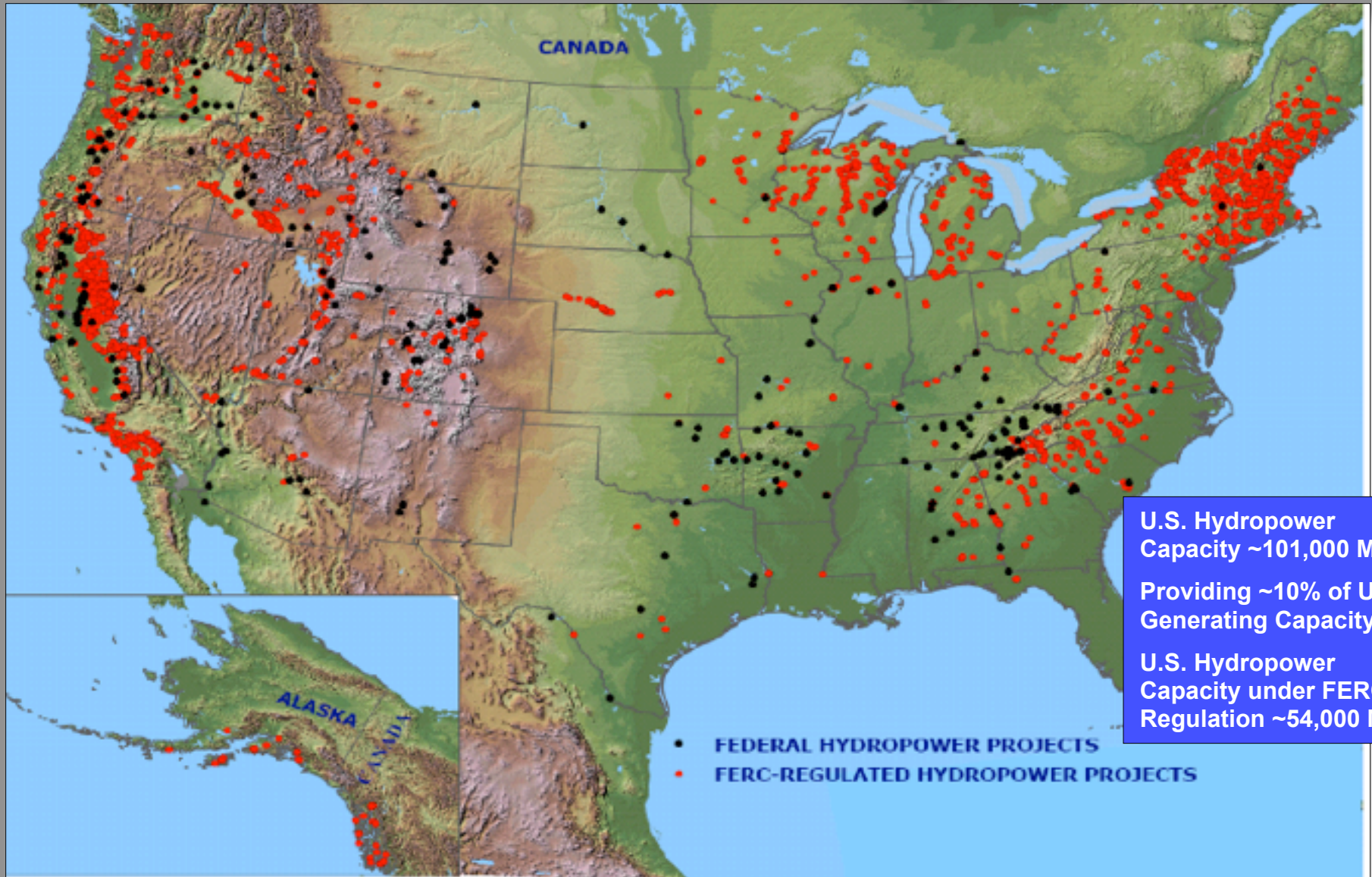


U.S. Hydropower: Federal and FERC-Regulated

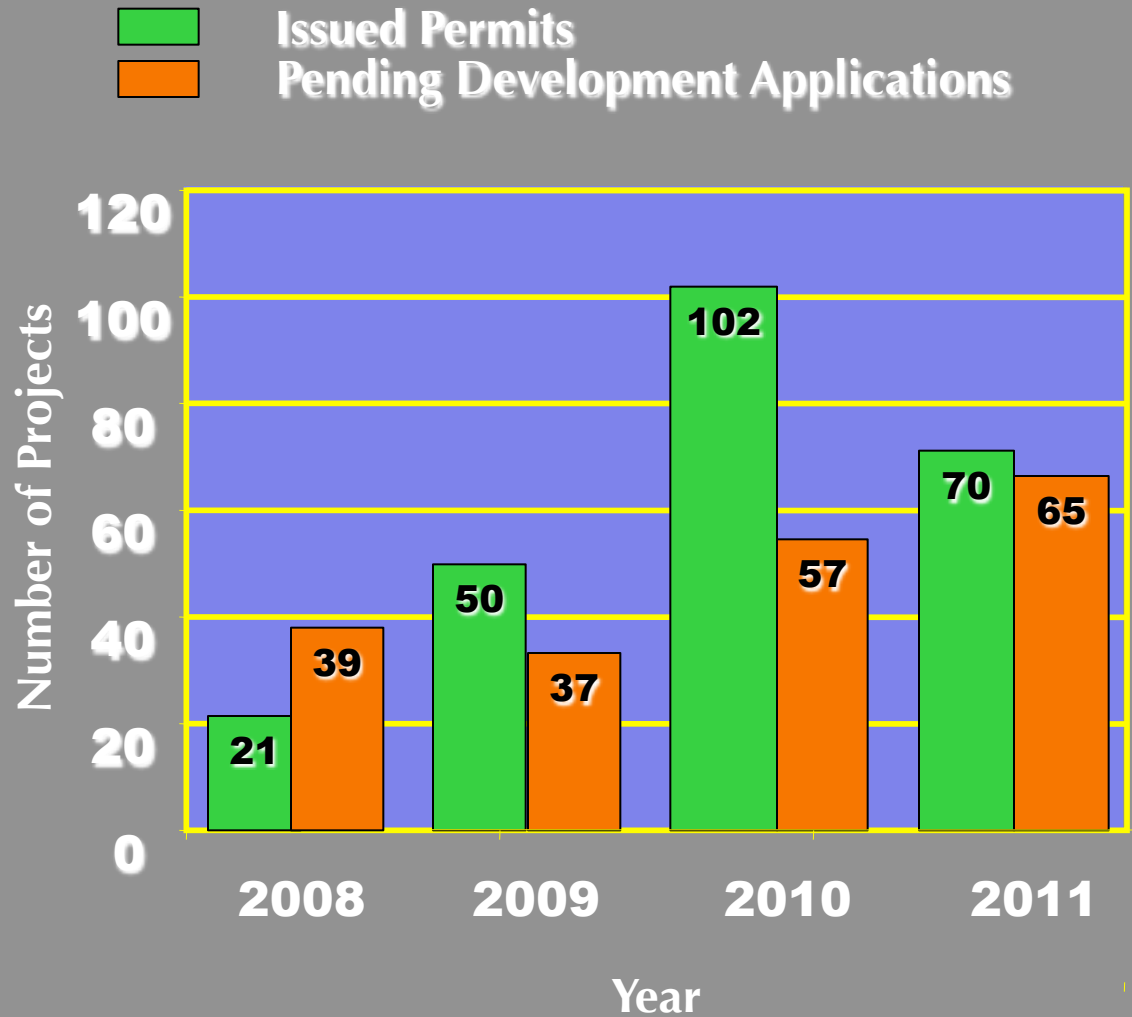






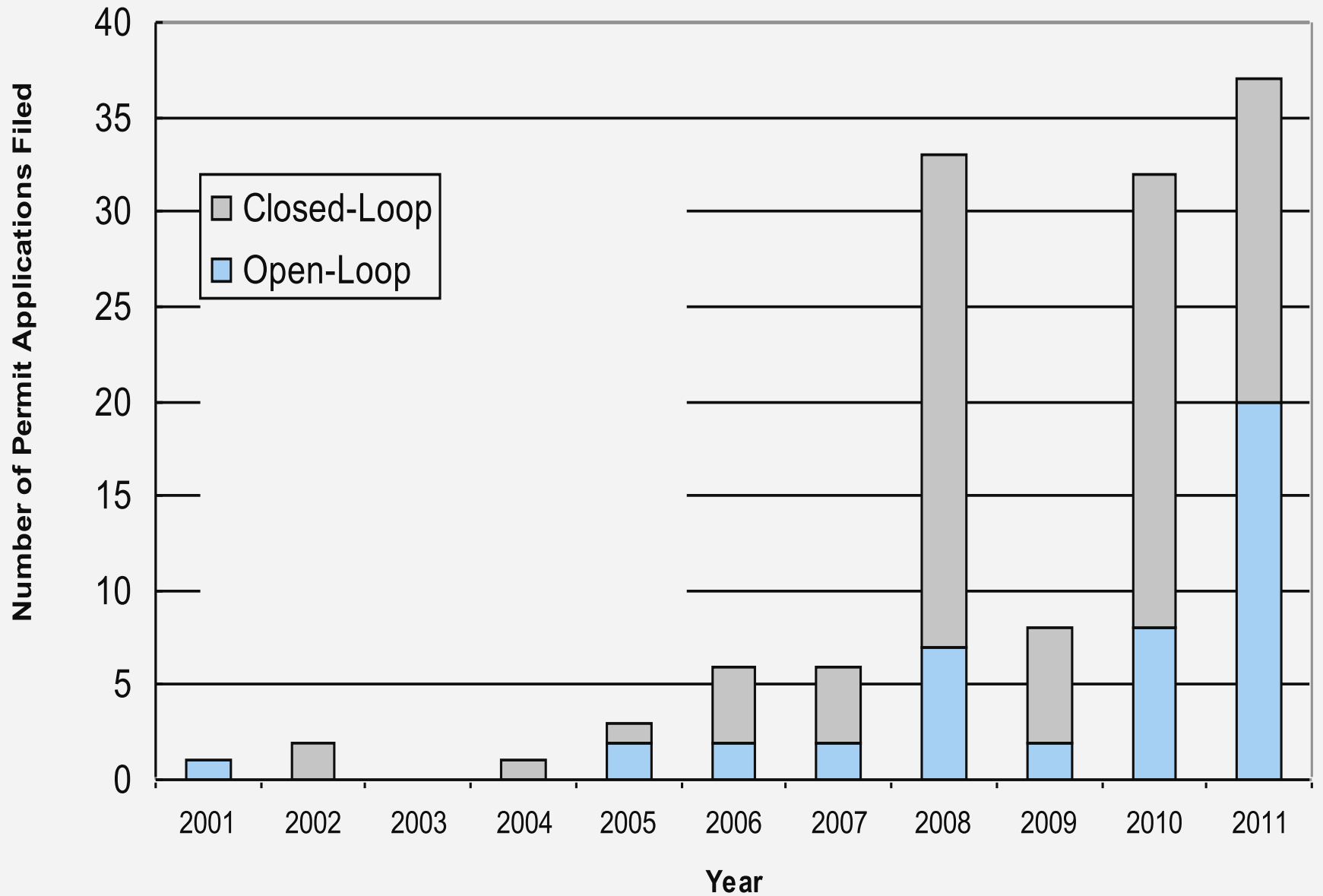


- State and industry initiatives
- Inquiries at FERC
- More preliminary permits and licenses in last 3 years



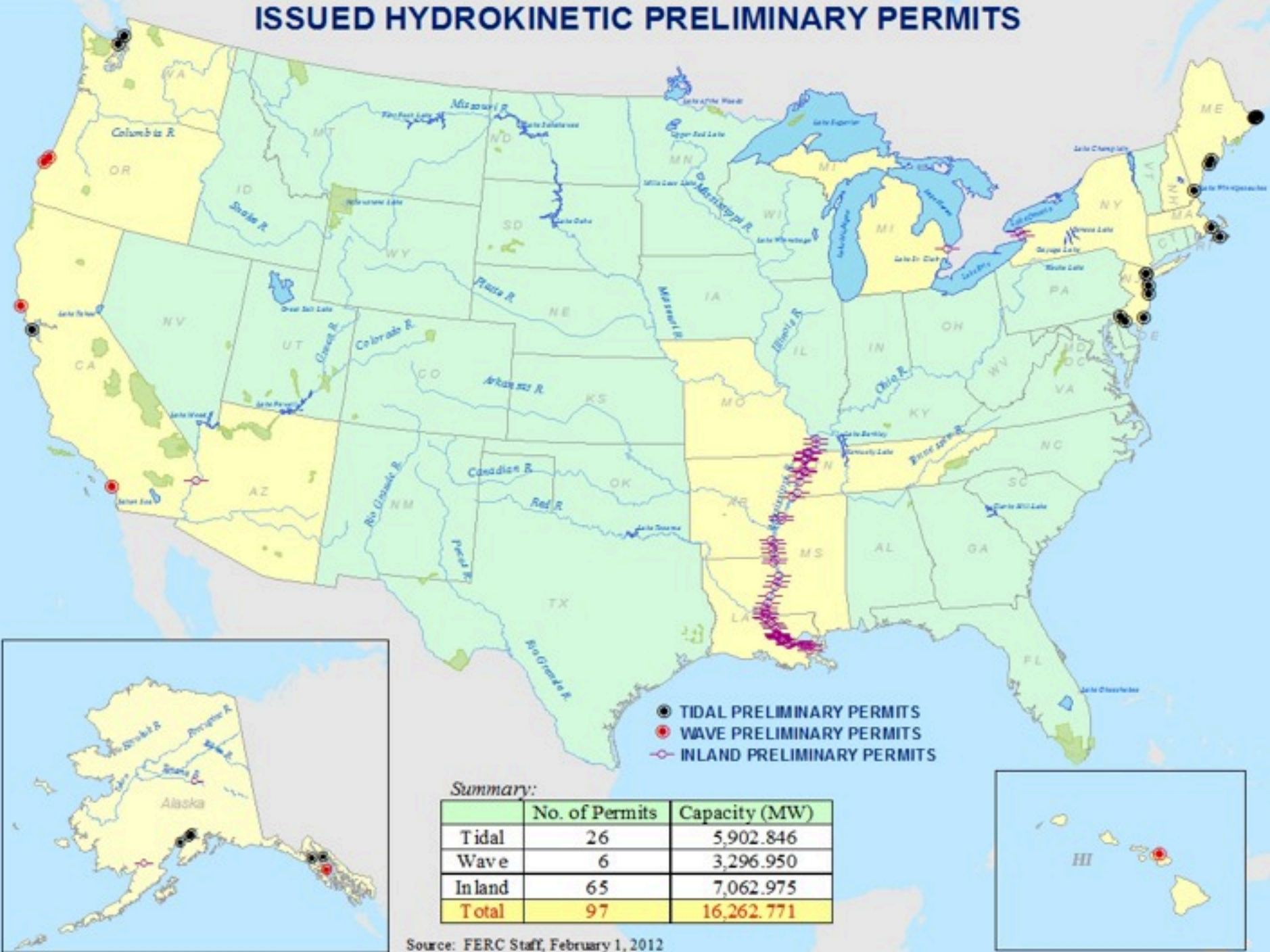


Preliminary Permit Application Trends for Open- and Closed-Loop Pumped Storage Projects





ISSUED HYDROKINETIC PRELIMINARY PERMITS



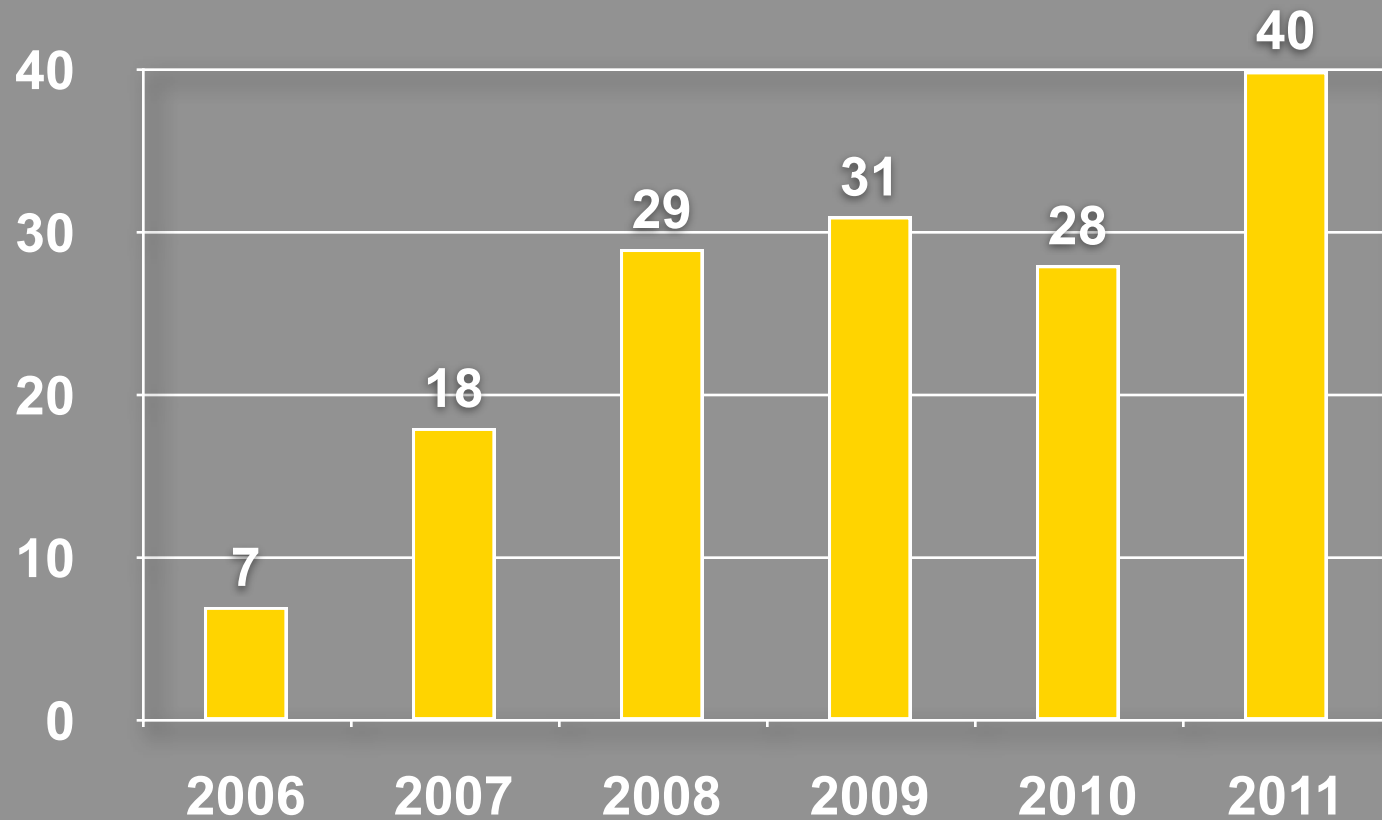
- TIDAL PRELIMINARY PERMITS
- WAVE PRELIMINARY PERMITS
- INLAND PRELIMINARY PERMITS

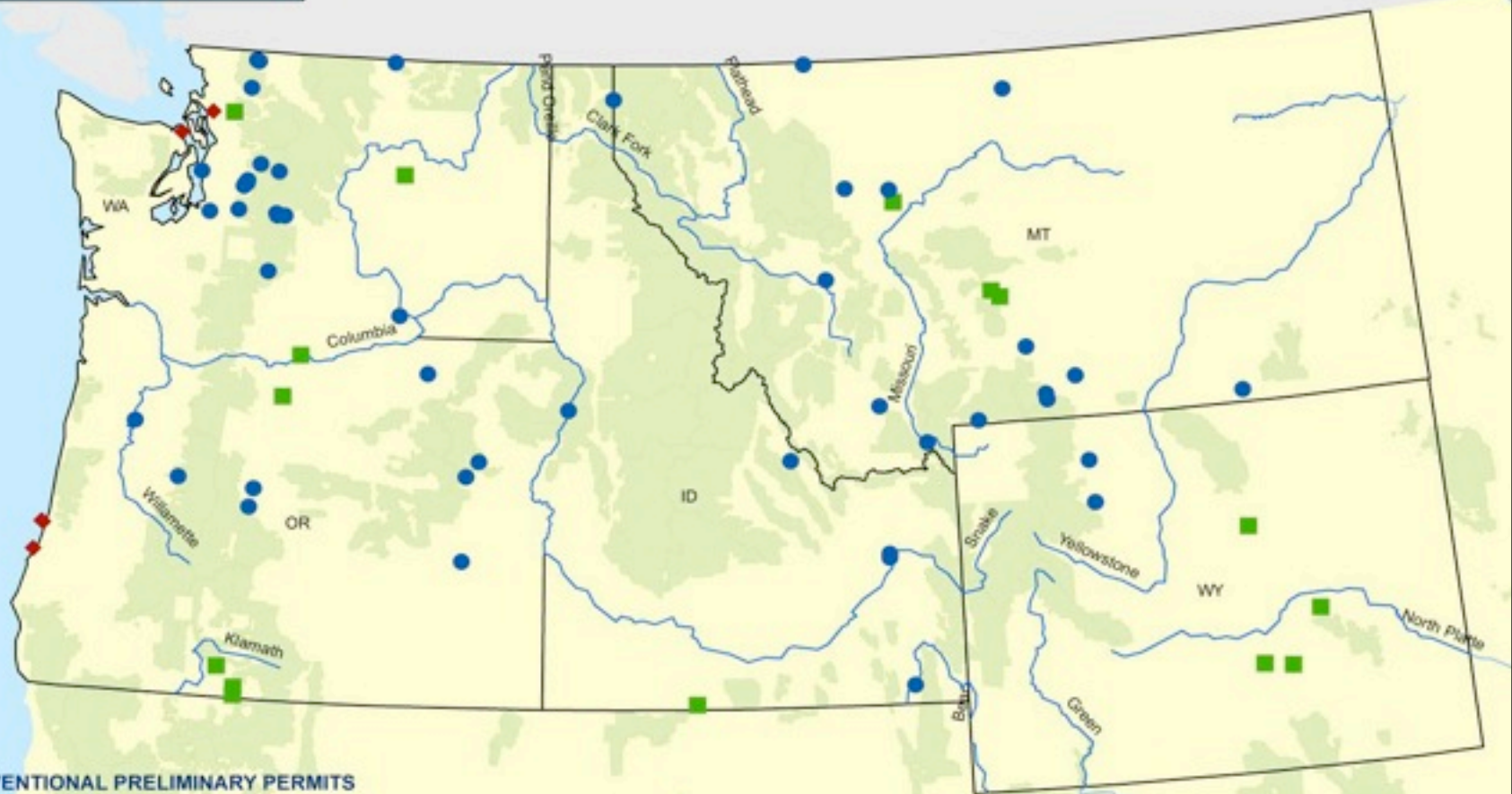
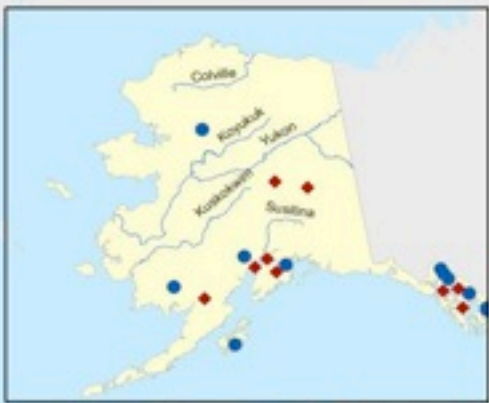
Summary:

	No. of Permits	Capacity (MW)
Tidal	26	5,902.846
Wave	6	3,296.950
In land	65	7,062.975
Total	97	16,262.771

Source: FERC Staff, February 1, 2012

Trends in Preliminary Permits Issued in the NW

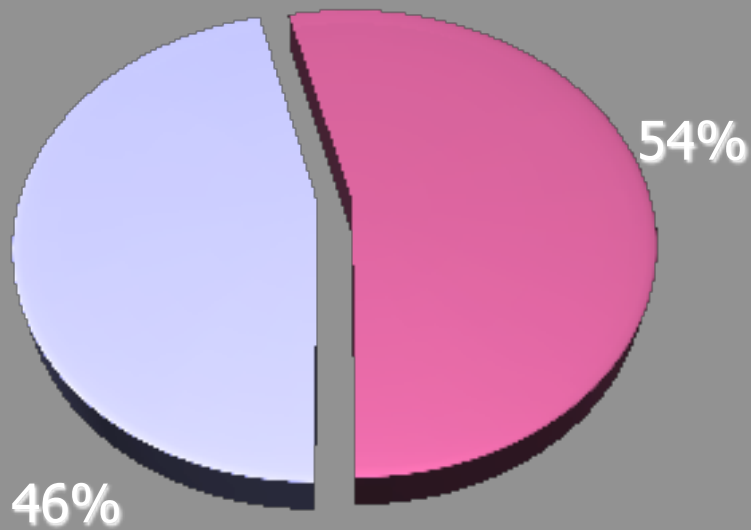




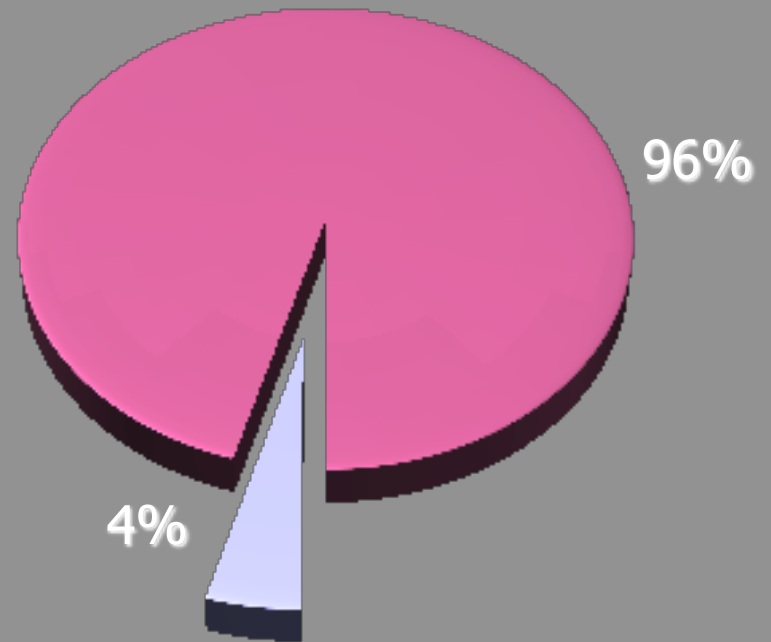
- CONVENTIONAL PRELIMINARY PERMITS
- ◆ HYDROKINETIC PRELIMINARY PERMITS
- PUMPED STORAGE PRELIMINARY PERMITS

Source: FERC Staff, January 26, 2012

Original vs. Relicense % of Projects (NW)



Pending Applications



Expected Applications

■ Relicense ■ Original License

As of February 15, 2012