



Hydropower Potential Screening Study

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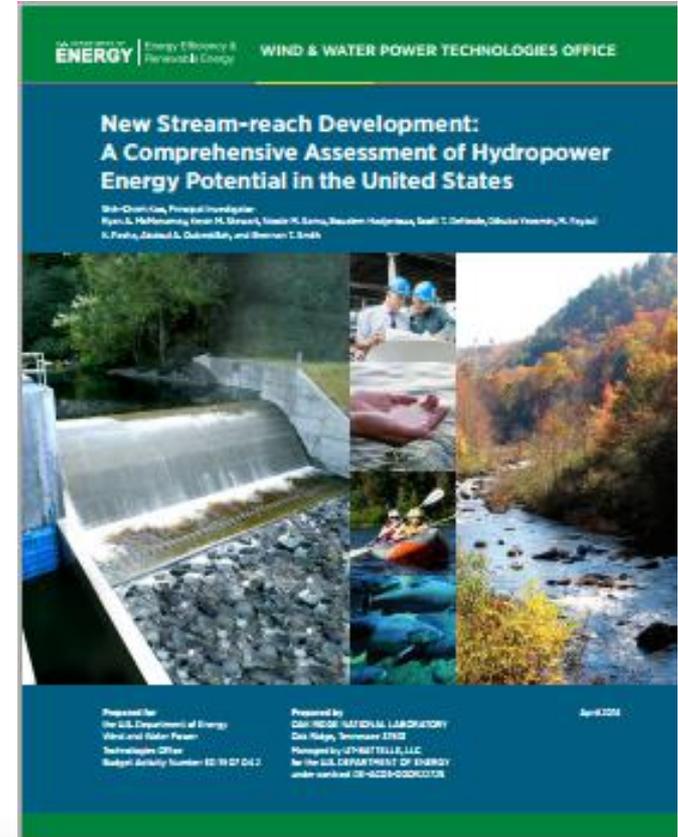
GRAC

5/28/14

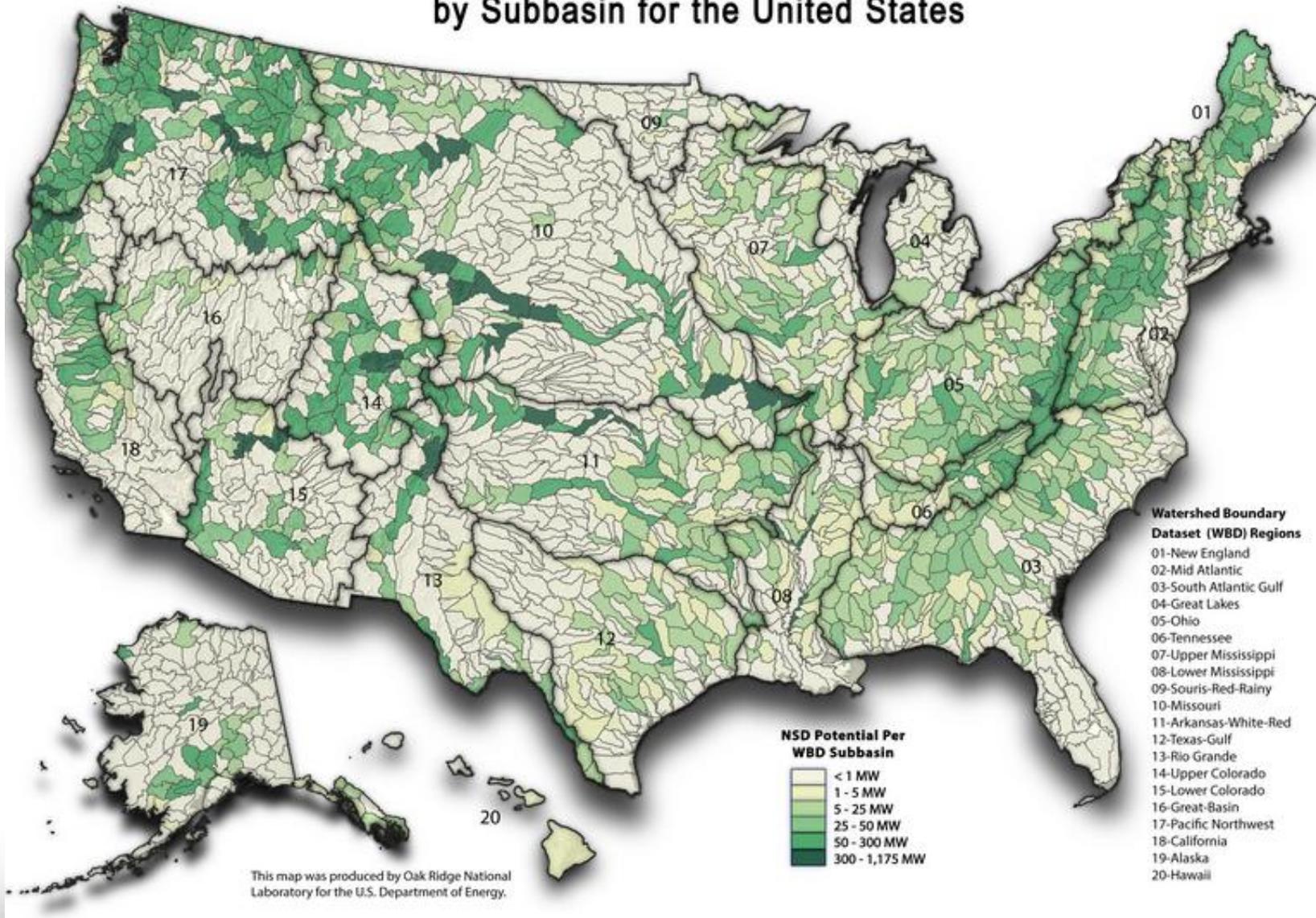
Latest Hydropower Potential Study Creating a Buzz

2014 DOE study on undeveloped stream reaches

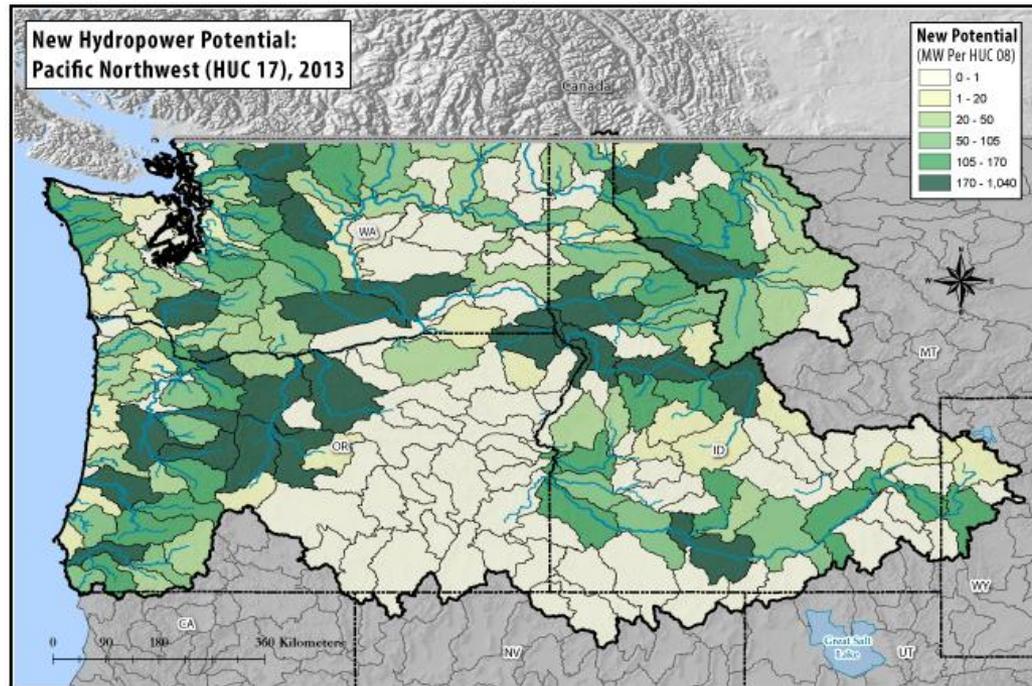
- 84.7 GW undeveloped hydropower capacity in the US
- Highest potential found in the PNW (~25 GW)



New Stream-reach Development (NSD) Potential by Subbasin for the United States

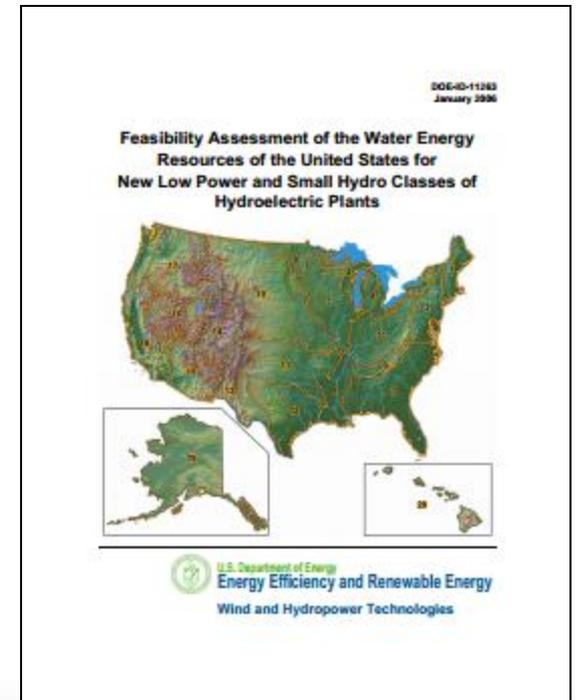
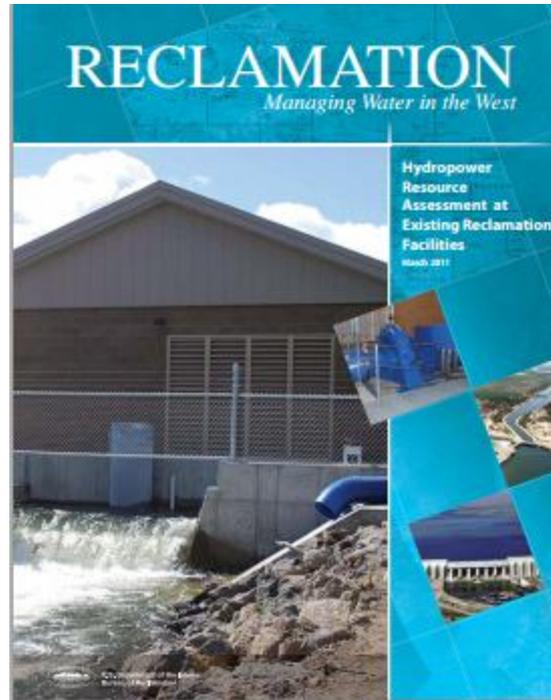
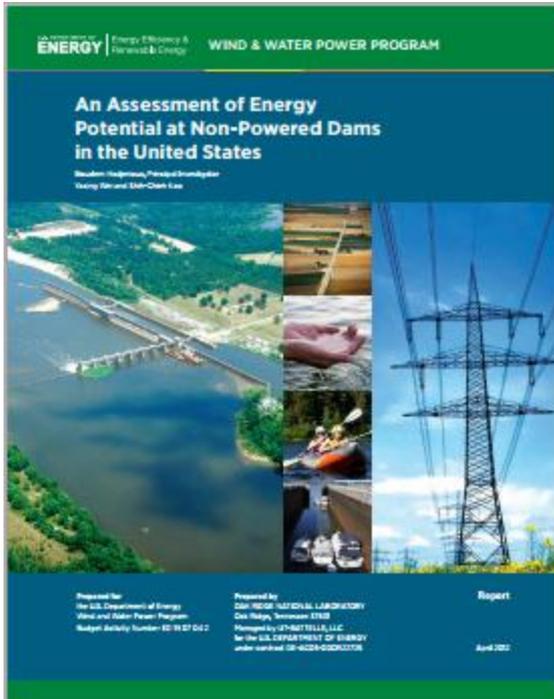


Study claims that PNW has ~25GW new stream hydro potential



- ~ 16 GW Potential in undeveloped stream reaches >1 MW
- ~ 9 GW Potential in undeveloped stream reaches <1 MW
- ~33 GW Current existing hydropower in the PNW

Studies at both National and Regional level over past decade



Study Objectives

- Hire consultant to review inventory of recent studies and reports, characterize parameters used to determine potential, and draw conclusions
- Determine if reasonable assumption for hydropower potential in the PNW can be drawn from the various reports
 - Focus on new stream reaches, opportunities at existing non-powered dams, and upgrades at existing hydropower facilities

Preliminary Schedule

- June 10 - Present proposed study to Power Committee; release RFP
- Mid-July – Select consultant; kick-off meeting
- September/October – Conclude study; present results to Hydro Subgroup and/or GRAC; present to Council and determine next steps