Update on Hydropower Potential Study

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GRAC
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Objective

- Last hydropower supply curve updated for the Fourth Power Plan – time to refresh
- Council to contract with consultant to:
  - Review and characterize/inventory existing studies
  - Draw conclusions and find commonalities
    - Is it possible to create new supply curve from existing information?
  - Make recommendations to Council
Fourth Power Plan
Hydro Potential in the Power Plans

<table>
<thead>
<tr>
<th>Power Plan</th>
<th>Hydropower Potential</th>
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</thead>
<tbody>
<tr>
<td>First Power Plan (1983)</td>
<td>255 MWa</td>
</tr>
<tr>
<td>Second Power Plan (1986)</td>
<td>200 MWa (avg $40/MWh*)</td>
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<tr>
<td>Third Power Plan (1991)</td>
<td>512 MWa, 408 MWa (critical) (for less than $68/MWh)</td>
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<tr>
<td>Fourth Power Plan (1998)</td>
<td>210 MWa (avg $40/MWh)</td>
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<tr>
<td>Fifth Power Plan (2005)</td>
<td>200 Mwa</td>
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<tr>
<td>Sixth Power Plan (2010)</td>
<td>200 MWa</td>
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- **1990 – 2000, ~325 MW** hydropower capacity installed in the region (126 Mwa)
- **Since 2000, ~75 MW** hydropower capacity installed in the region (36 Mwa)

* Dollars are represented around the year dollar that the plan was adopted in; they have not been brought up to a common $ year.
Update

- Hydropower subgroup met on September 19
  - Discussed history of interaction between fish and wildlife and power planning at the Council
  - Discussed possible scope of contract
  - Discussed proposed project deliverables

- Thank you to those who participated in subgroup!
Proposed Next Steps

- Council staff to draft statement of work
- Release request for proposals (Nov – Dec)
  - Select contractor (January)
  - Contract work (February – March/April)
  - Conclusions (April/May)
- Hydropower subgroup to continue to be involved once contractor has been selected.