

Update on Hydropower Potential Study

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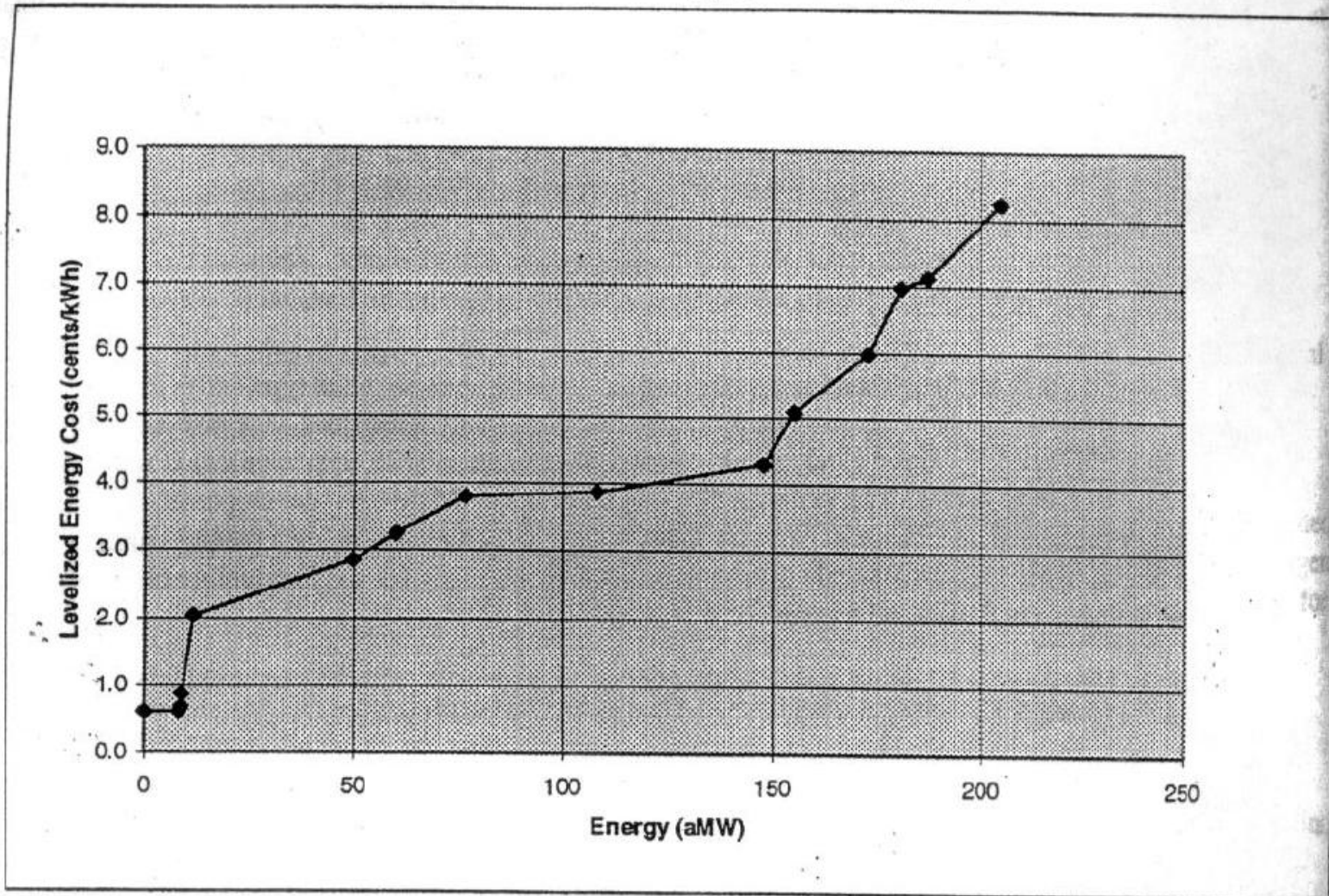
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Objective

- 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

Figure FHY-1
Estimated Cost and Potential Supply of New Hydropower



Hydro Potential in the Power Plans

Power Plan	Hydropower Potential
First Power Plan (1983)	255 MWa
Second Power Plan (1986)	200 MWa (avg \$40/MWh*)
Third Power Plan (1991)	512 MWa , 408 MWa (critical) (for less than \$68/MWh)
Fourth Power Plan (1998)	210 MWa (avg \$40/MWh)
Fifth Power Plan (2005)	200 Mwa
Sixth Power Plan (2010)	200 MWa

- **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.