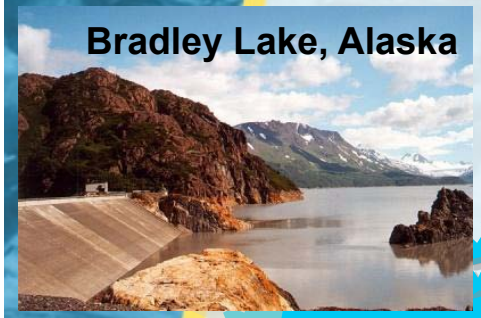
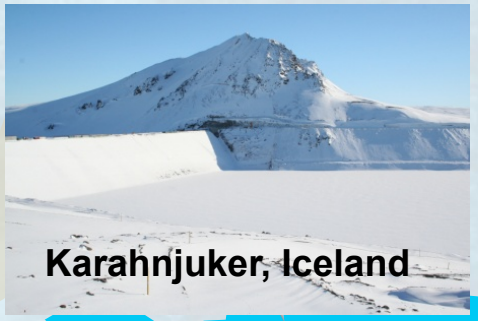

Hydro Power
Local & Global Success
MWH
BUILDING A BETTER WORLD

Learning From Successful Large Hydropower Projects





Bradley Lake Hydro Project, Alaska

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- State Owned and Financed
- Cost of generation for Bradley Lake Hydroelectric Project $0.04 per kWh
- Average retail rate for the rail-belt region is $0.13 per kWh (blended utilities)
- Leading example of stable and sustainable power generation in Alaska

BC Hydro, Canada

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- Hydropower System Serves 95% of population of British Columbia at a retail rate of $0.08 kWh CND

- Mica –1,800 MW in 1973
  - 2,300 MW in 2012
  - 2,800 MW future

- Revelstoke – 2,000 MW in 1984
  - 2,500 MW in 2010
  - 3,000 MW future

- Designed and constructed for future expansion

Karahnjukar Hydro Project, Iceland

Karahnjukar Hydro Project, Iceland

- Remote site / arctic conditions
- Long power tunnel and underground powerhouse
- 650-ft high dam / 690 MW project
- Year-round construction

Al Wehdah Dam Project - Jordan

Al Wehdah Dam Project, Jordan

- Long development timeline - Designs for three alternative dam types
- Leveraged RCC technology to reduce schedule and cost for dam construction
- Designed and constructed for future expansion
  - Dam raise
  - Hydropower addition