BUILDING NEW HYDROPOWER PROJECTS
SORENSON ENGINEERING EXPERIENCE

Hydropower Specialists Since 1984
Hydroelectric Projects Designed: 43
Projects Owned/Leased: 20
NEW CONSTRUCTION

Non-Powered Dams

Canals

Current Power Sales Climate
TIBER DAM
HYDROELECTRIC

Commissioned 2004
Capacity: 7.5 MW
Location: Near Liberty County, Montana
Construction Cost: $7,000,000
RIDGEWAY DAM HYDROELECTRIC

Commissioned 2014
Capacity: 8.0 MW (7.2 MW and 0.8 MW)
Location: Near Montrose, Colorado
Construction Cost: $11,600,000
ARROWROCK DAM
HYDROELECTRIC

Commissioned 2010
Capacity: 20 MW, (two 10 MW units)
Location: Near Boise, Idaho
Construction Cost: $28,500,000
ROACH GULCH HYDRO PROJECT

- 4,500 KW
- 10,000,000 KWh Annually
IRRIGATION CANALS
IRRIGATION CANALS
DROP 4 HYDRO PROJECT

- 2,400 KW
- 6,000,000 KWh Annually
YELLOWTAIL AFTERBAY DAM
POWER SHAPE AND VALUE

Solar and Wind vs Hydro

Predictability
Utilities

Pueblo Dam Hydro
PUEBLO DAM HYDROELECTRIC

Expected Commissioning 2019
Capacity: 8.1 MW
Head: 80-135’
Flow: 810 CFS
Three Horizontal Francis Turbines
Location: Near Pueblo, Colorado
Construction Cost: $17,000,000
THANK YOU

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