Middle Fork Project Facts and Figures

PROJECT SUMMARY
Project Completed: 1967
Total Energy Production Capacity: 223.7 MW
Average Annual Energy Production: 1,039,078 MWh
Total Gross Water Storage: 345,560 acre-feet (af)
Earth and Rockfill Dams: 11,900,000 cubic yards
Concrete Dams and Diversions: 94,000 cubic yards
Tunnels and Penstocks: 23.2 miles

RESERVOIRS AND DIVERSIONS
Elevation Capacity
Duncan Creek Reservoir: 5,289 20 af
Hell Hole Reservoir: 5,244.5 134,993 af
North Fork Long Canyon Diversions: 4,935 207,590 af
South Fork Long Canyon Diversions: 4,464 1,080 af
Middle Fork Interbay: 2,529 179 af
Ralston Afterbay: 1,114 2,782 af

POWERHOUSES
Elevation Capacity
French Meadows Powerhouse: 4,434 15.2 MW
Hell Hole Powerhouse: 4,240 0.73 MW
Middle Fork Powerhouse: 2,229 13.4 MW
Ralston Powerhouse: 1,174 12.1 MW
Oxbow Powerhouse: 1,281 6.1 MW

RESERVOIRS AND DIVERSIONS
Storage Capacity
French Meadows Reservoir: 2,782 af
Hell Hole Reservoir: 1,089 af
North Fork Long Canyon Diversion: 6.1 af
South Fork Long Canyon Diversion: 0.83 af
Middle Fork Interbay: 175 af

TUNNELS
Discharge Capacity
Duncan Creek-Middle Fork Tunnel: 400 cfs
French Meadows-Hell Hole Tunnel: 400 cfs
Hell Hole-Middle Fork Tunnel: 900 cfs
Middle Fork-Ralston Tunnel: 836 cfs
Ralston-Oxbow Tunnel: 1,088 cfs

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Total Energy Production Capacity: 223.7 MW
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Map 3-1
Middle Fork Project and Vicinity