GENERATION FACILITY OPERATIONS

NextGen Generation Facility

- 500- to 700-Megawatt baseload generation facility
- 2,400-acre site (approximately)
- Operational by mid 2014
- Employ 150 to 200 full-time workers
- Pulverized coal-fired steam generator and single reheat steam turbine
- Includes transmission interconnections that deliver electricity to Basin Electric member systems

Workforce Estimates for the Proposed Generation Facility

Construction	Operation
1695 New Jobs	~150 New Jobs
Insulation Worker	Plant Manager
Boilermaker	Maintenance Manager
Bricklayer	Operations Manager
Carpenter	Operations Supervisor
Cement Mason	Operations Shift Leaders
Electrician	Lab Tech
Elevator Construction	Instrument Tech
Glazier	Equipment Tech
Iron Worker, Structural	Maintenance Workers
Laborer	Plant Engineers
Millwright	Plant Operators
Equipment Operator	Plant Trainees
Painter	Administrative Support
Pipefitter	
Plumber	
Roofer, Composition	
Sheetmetal worker	
Teamster	
Tile Layer	
Non-Manual	
Construction Management	





NEXTGEN PROJECT

The generator converts the mechanical energy from the generator converts the mechanical energy from the totating turbine totalectric energy. A transformer connected to the generator increases the voltage to 230kV or 345 kV for injection into the transmission system.