

## Rural Electric Cooperatives

- 930 cooperatives
- 46 states
- 10% retail requirements
- 35 million consumers
- Non-profit
- Consumer-owned and controlled

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**Basin Electric is a member-owned and controlled wholesale power supply cooperative**

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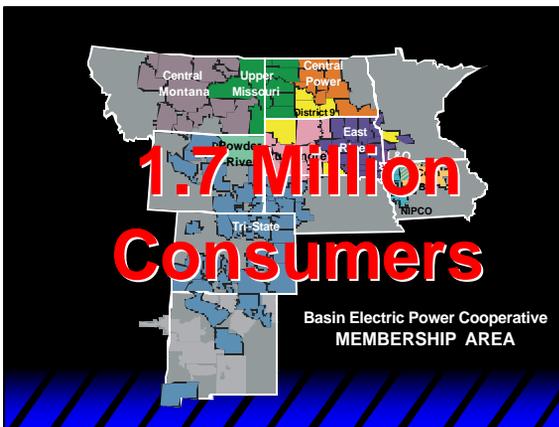
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**1.7 Million Consumers**

Basin Electric Power Cooperative  
MEMBERSHIP AREA

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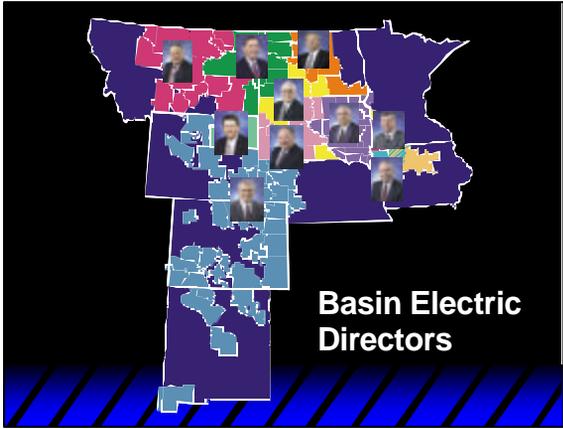
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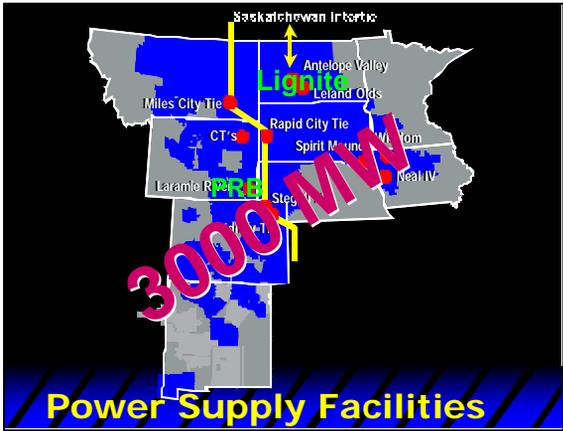
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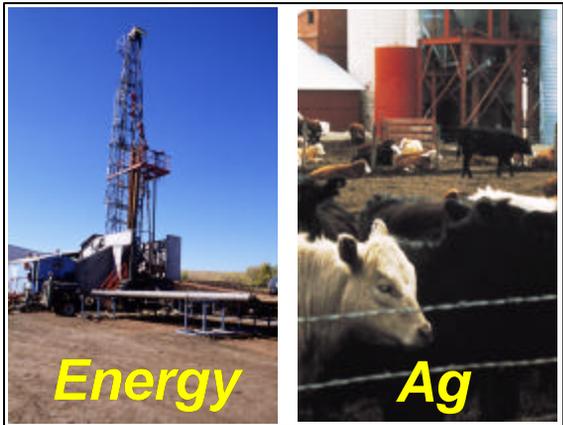
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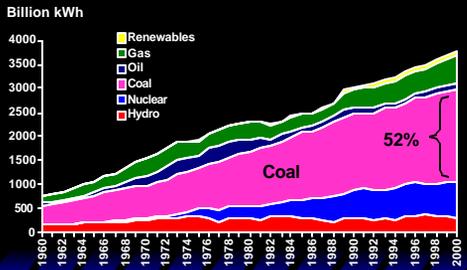
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# Generation



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## Leland Olds Station 669 MW (Lignite)



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## Missouri Basin Power Project (MBPP) 1650 MW (Sub-bituminous)



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## Antelope Valley Station 900 MW (Lignite)



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## Lignite-Based Generation



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## Boiler Configuration



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## Mine-mouth Facilities



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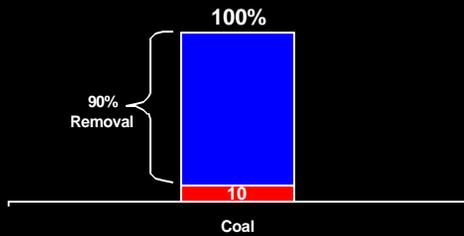
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## Mercury Removal



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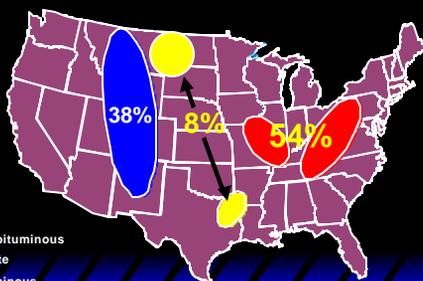
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## Fuel Sub-Categorization



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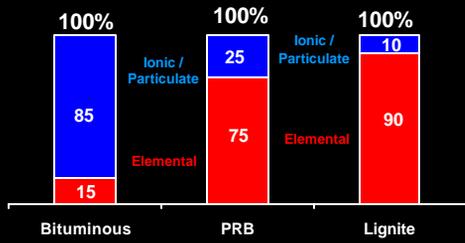
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## Mercury Composition




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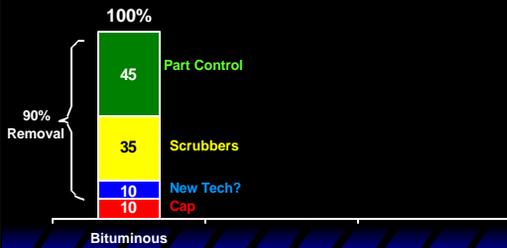
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## Mercury Removal Option




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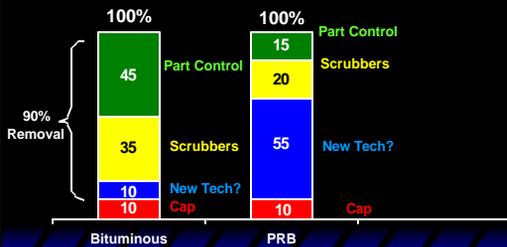
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## Mercury Removal Option




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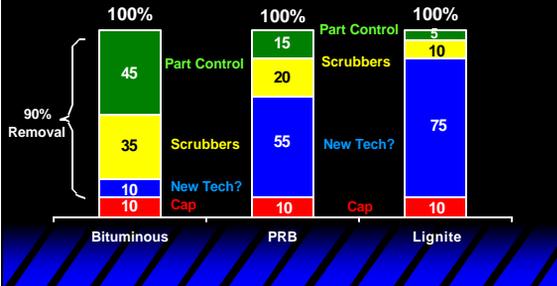
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## Mercury Removal Option




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## Mercury Removal Research

- ◆ Environmental and Energy Research Center
- ◆ Electric Power Research Institute
- ◆ Pilot Projects

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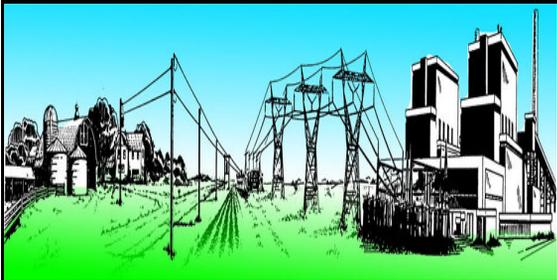
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## Cooperative System



*mine mouth to meter*

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## Fuel Switching



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## Fuel Switching Concerns



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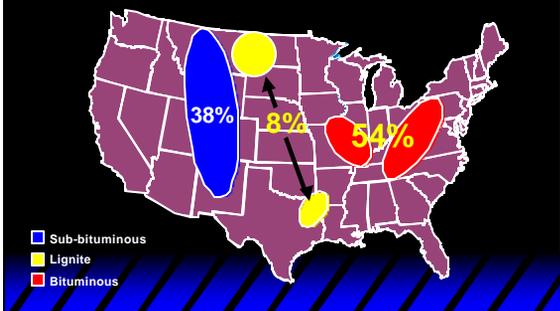
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## Fuel Sub-Categorization



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