

Platte River Power Authority 2011-2020 Transmission Plan

Dixon-Horseshoe 230kV Line

Project Sponsor: Platte River Power Authority

Additional Project Participants:

Project Description:

Voltage Class:

Facility Rating: 472 MVA

Point of Origin:

Point of Termination:

Intermediate Points:

Length of Line (in Miles): 9

Type of Project: Transmission Line

Development Status: Planned

Routing:

Subregional Planning Group: CCPG

Purpose of Project: Necessary to meet WECC and NERC performance requirements.
Provide a second 230kV source to the Loveland area.

Estimated Cost (in 2010 Dollars): \$27,200,000

Schedule:

Construction Date: 2008

Planned In-Service Date: 2012

Regulatory Status: N/A

Contact Information: John Collins
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Platte River Power Authority 2011-2020 Transmission Plan

Fordham-Fort St. Vrain 230kV Line

Project Sponsor: Platte River Power Authority

Additional Project Participants:

Project Description:

Voltage Class:
Facility Rating: 398 MVA
Point of Origin:
Point of Termination:
Intermediate Points:
Length of Line (in Miles): 21
Type of Project: Transmission Line
Development Status: Planned
Routing:
Subregional Planning Group: CCPG

Purpose of Project: Necessary to meet WECC and NERC performance requirements.
Provide a second 230kV source to the Longmont area.

Estimated Cost (in 2010 Dollars): \$81,700,000

Schedule:

Construction Date: 2008
Planned In-Service Date: 2011
Regulatory Status: N/A

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Platte River Power Authority 2011-2020 Transmission Plan

Boyd 230/115kV Substation Expansion

Project Sponsor: Platte River Power Authority

Additional Project Participants:

Project Description:

Voltage Class:

Facility Rating: 187 MVA

Point of Origin:

Point of Termination:

Intermediate Points:

Length of Line (in Miles): 0

Type of Project: Transformer

Development Status: Planned

Routing:

Subregional Planning Group: CCPG

Purpose of Project: Improve system reliability in the Loveland area.

Estimated Cost (in 2010 Dollars): \$2,000,000

Schedule:

Construction Date: 2013

Planned In-Service Date: 2014

Regulatory Status: N/A

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Platte River Power Authority 2011-2020 Transmission Plan

Fort Collins Northeast 115/13.8kV Substation

Project Sponsor: Platte River Power Authority

Additional Project Participants:

Project Description:

Voltage Class:
Facility Rating: TBD
Point of Origin:
Point of Termination:
Intermediate Points:
Length of Line (in Miles): 0
Type of Project: Substation
Development Status: Planned
Routing:
Subregional Planning Group: CCPG

Purpose of Project: New delivery point to serve growing load.

Estimated Cost (in 2010 Dollars): \$5,500,000

Schedule:

Construction Date: 2015
Planned In-Service Date: 2016
Regulatory Status: N/A

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Platte River Power Authority 2011-2020 Transmission Plan

Timberline 230/115kV Substation Expansion

Project Sponsor: Platte River Power Authority

Additional Project Participants:

Project Description:

Voltage Class:

Facility Rating: 187 MVA

Point of Origin:

Point of Termination:

Intermediate Points:

Length of Line (in Miles): 0

Type of Project: Transformer

Development Status: Planned

Routing:

Subregional Planning Group: CCPG

Purpose of Project: Improve system reliability in the Fort Collins area.

Estimated Cost (in 2010 Dollars): \$3,000,000

Schedule:

Construction Date: 2013

Planned In-Service Date: 2013

Regulatory Status: N/A

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