Draft Environmental Impact Statement and Land-Use Plan Amendments for the Energy Gateway South Transmission Project

BLM/WY/PL-14/009+5001
Case File: WYW-174597

February 2014

Volume II
Maps
U.S. Department of the Interior
Bureau of Land Management

Draft Environmental Impact Statement and
Land-use Plan Amendments for the
Energy Gateway South Transmission Project

BLM/WY/PL-14/009+5101
Case File: WYW-174597

Volume II

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5353 Yellowstone Road
Cheyenne, Wyoming 82009

Cooperating Agencies
U.S. Forest Service – Intermountain Region
U.S. Army Corps of Engineers – South Pacific Division
U.S. Army Environmental Center
U.S. Department of Defense – Navy Region Southwest
Bureau of Indian Affairs – Western Region
U.S. Fish and Wildlife Service – Mountain-Prairie Region
National Park Service
Utah Reclamation, Mitigation, and Conservation Commission
State of Wyoming
State of Colorado
State of Utah
Carbon and Sweetwater counties, Wyoming
Mesa, Moffat, and Rio Blanco counties, Colorado
Carbon, Duchesne, Emery, Grand, Juab, Sanpete, Uintah, and Wasatch counties, Utah
Wyoming Conservation Districts (Little Snake River, Medicine Bow, Saratoga-
Encampment-Rawlins, Sweetwater County)

February 2014
BLM Mission

To sustain the health, diversity, and productivity of the public lands for the use and enjoyment of present and future generations.
ABOUT THE MAP VOLUME

This map volume (MV) accompanies the Draft Environmental Impact Statement (EIS) for the Energy Gateway South Transmission Project (Project), a proposed transmission line from the planned Aeolus Substation in Carbon County, Wyoming, to the planned Clover Substation (currently under construction) in Juab County, Utah.

The map volume contains 1 map showing construction access levels that predict (1) the general type of access required for each mile of alternative route and (2) the associated disturbance, 23 maps showing resource inventory and impacts, and 2 maps showing past, present, and reasonably foreseeable future actions (cumulative effects). Each map is divided into two panels illustrating two portions of the Project area. The north-easternmost panel (panel a) illustrates the alternative route from Aeolus Substation to the area near Massadona, Colorado (located approximately 20 miles east of Dinosaur, Colorado). Panel b illustrates the alternative routes from the Massadona area to the Clover Substation.

Every map includes the same base information such as place and feature names, major highways and roads, and existing linear facilities (e.g., transmission lines and pipelines). Each map also includes certain basic Project information such as the alternative routes and substations.

The alternative routes are delineated on the maps and show the reference centerline, centered in the route corridor. Each route is divided into distinct segments referred to as links, which are numbered generally from northeast to southwest. It should be noted data are documented in a geographic information system (GIS) for every tenth mile and often reported in tables supporting the text in the EIS in tenths of a mile. However, for legibility, each link is marked on the maps at every mile; the markers are referred to as mileposts.

The width of the study corridor inventoried varies depending on the resource being addressed. Earth, water, biological, paleontological, and land use and recreation resources were inventoried within a 2-mile-wide study corridor (1 mile on either side of the reference centerline). Cultural resources were inventoried within a 4-mile-wide study corridor (2 miles on either side of the reference centerline). Visual resources were inventoried within a 6-mile-wide study corridor (3 miles on either side of the reference centerline). The inventoried baseline data are shown in the study corridor and impacts are shown along the reference centerline.
Each map consolidates and illustrates a variety of different information and each legend explains the information unique to each map.

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### LIST OF ACRONYMS AND ABBREVIATIONS

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<tr>
<th>Acronym</th>
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<tr>
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<td>BLM</td>
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<tr>
<td>DRMS</td>
<td>Colorado Division of Reclamation, Mining and Safety</td>
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<td>EPG</td>
<td>Environmental Planning Group</td>
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<td>IRA</td>
<td>Inventoried Roadless Area</td>
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<td>NED</td>
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Construction Access Levels

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA

Map Index

Resource Inventory

CONSTRUCTION ACCESS LEVELS

- 1 - Use existing roads
- 2 - Improve existing roads
- 3 - Construct new access, rolling terrain (0 to 8 percent slope)
- 4 - Construct new access, very rolling terrain (9 to 13 percent slope)
- 5 - Construct new access, steep terrain (14 to 20 percent slope)
- 6 - Construct new access, very steep terrain (greater than 20 percent slope)

Inventory Key

- General Reference
  - City of Town
  - Substation
  - Power Plant
  - 138kV Transmission Line
  - 230kV Transmission Line
  - Substation (Project Terminal)
  - Project Area Boundary
  - Access Congestion
  - Project Site

Project Features

- Project Area Boundary
- Access Congestion
- Project Site

Access Level Key

- Construction Access Levels
  - 1 - Use existing roads
  - 2 - Improve existing roads
  - 3 - Construct new access, flat to rolling terrain (0 to 8 percent slope)
  - 4 - Construct new access, very rolling terrain (9 to 13 percent slope)
  - 5 - Construct new access, steep terrain (14 to 20 percent slope)
  - 6 - Construct new access, very steep terrain (greater than 20 percent slope)

Sources:
- This map is for informational purposes only and is not intended to depict precise locations or locations of specific projects.
- Substation symbols do not necessarily represent precise locations.
- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.

Notes:
- Series Compensation Station Siting Areas, Rocky Mountain Power 2013
- Substation Boundary as digitized by EPG, Rocky Mountain Power 2013

DRAFT EIS
February 2014
Soil Resources

ENERGY GATEWAY SOUTH
TRANSMISSION PROJECT
SOUTHERN AREA | NORTHERN AREA
Map Index.

Resource Inventory

Prime Farmland

Soil Erosion Susceptibility

- Low Water/Moderate Wind
- Medium Water/Moderate Wind
- High Water/Moderate Wind
- N/A Water/Moderate Wind
- Low Water/Low Wind
- Medium Water/Low Wind
- High Water/Low Wind
- N/A Water/Low Wind
- Low Water/High Wind
- Medium Water/High Wind
- High Water/High Wind
- N/A Water/High Wind
- Low Medium Wind
- N/A Medium Wind
- Medium Medium Wind
- High Medium Wind
- N/A High Wind
- Low Wind
- Medium Wind
- High Wind
- N/A Wind

Inventory Key

Impact Key

Impact Levels

- High
- Moderate
- Low
- No Likelihood

Project Transactions

- Project Site Boundary
- Alternative Route
- Series Compensation
- Rail Access Area

General References

- City or Town
- Power Plant
- U.S. Highway
- State Highway
- Lake or Reservoir
- River or Stream
- County Boundary
- National Forest Boundary

Sources:

- USGS 1:100K Orthophotos as available, OHP, 1983-2013
- USGS 1:24000 Topographic Maps as available, OHP, 1992-2013
- National Hydrography Dataset (NHD) as available, USGS, 2011-2013
- 30m Elevation Data, NED, USGS, 1992-2013
- 30m Vegetation Data, NVD, USGS, 1992-2013
- 10m Natural Area Boundaries, USGS, 1992-2013
- 30m National Forest Boundaries, USGS, 1992-2013
- 10m National Forest Roads, USGS, 1992-2013
- 10m National Forest Trails, USGS, 1992-2013
- 10m Lake Data, 2015, USGS, 2006
- 10m National Park Boundaries, NPS, 2015
- 10m National Park Trails, NPS, 2015

Notes:

- Erosion susceptibility values are derived from the Soil Erosion Model (SEM) developed by NRCS.
- Low, medium, and high levels are based on the USDA Natural Resource Conservation Service (NRCS) soil survey data.

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February 2014
Resource Inventory

- Groundwater Lease
- Powdered Mine
- Active Waste Processing Well
- Potential Mineral Resource

Sources:
- Mineral Resources (as shown within a 2-mile-wide enviro study corridor).

Impact Key

- High
- Moderate
- Low
- No Likelihood

Impact Levels

- Project Site
- Project Area
- Individual Site (Project Terminal)
- Rail Yard Areas

General Reference

- City or Town
- Power Plant
- 138kV Transmission Line
- 230kV Transmission Line
- 345kV Transmission Line
- Substation (Project Terminal)
- Railroad
- Pipeline
- U.S. Highway
- State Highway
- Lake or Reservoir
- State Boundary
- Airport/Local Boundary

Notes:

- Mineral resources are only shown within the 2-mile-wide earth resource study corridor.

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February 2014
Potential fossil yield classifications are only shown within the 2-mile-wide paleontological resources study corridor. Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008; Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011; Series Compensation Station Siting Areas, Rocky Mountain Power 2013; Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999; • Substation symbols do not necessarily represent precise locations. and/or refined throughout the development of the Project.

General Reference

Notes:
- Potential fossil yield classifications are only shown within the 2-mile-wide paleontological resources study corridor.
- The alternative routes and access components shown in this map are draft mapping. In revised alternative analysis, they are subject to change.
- Contact internet: 10 miles.

Sources:
Moose and Elk Habitats

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

Reference Centerline of Summer Concentration (CO)

Notes:
• The alternative routes and series compensation station siting areas shown on this map are draft and may be revised.

Source:
• Selected data, maps, and supporting information used to create this map are draft and subject to revision.

Legend:
City or Town
State Highway
Federal Highway
River or Stream
State Boundary
National Park
National Forest
State Forest
Bureau of Land Management
Sunnyvale Forest
Utah Division of Wildlife Resources
Water Reservoir
Unidentified Location

Notes:
• The alternative routes and series compensation station siting areas shown on this map are draft and may be revised.
• This information is subject to revision.

Legend:
City or Town
State Highway
Federal Highway
River or Stream
State Boundary
National Park
National Forest
State Forest
Bureau of Land Management
Sunnyvale Forest
Utah Division of Wildlife Resources
Water Reservoir
Unidentified Location

Notes:
• The alternative routes and series compensation station siting areas shown on this map are draft and may be revised.
• This information is subject to revision.
Black-footed ferret reintroduction management areas are only shown within the Project area boundary.

For additional information regarding the species shown on this map, please refer to the Special Status Wildlife Resources Study corridor.

Notes:
- The information presented on the map is subject to change as new data is received or as circumstances warrant.
- The map uses the Natural Earth data set for geographic features and the satellite imagery is from Google Maps.

Sources:
- Water Features, ESRI 2008, USGS 2010a
- State and County Boundaries, ESRI 2008
- Mona Substation Boundary as digitized by EPG, Bing 2013
- National Transportation Atlas Database, USDOT 2008
- Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013
- City or Town, ESRI 2010
- Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009
- Public Land Survey System, BLM 2011
- Contours generated by EPG, USGS NED 1 arc-second data 1999
- Black-footed Ferret Colonies, UDWR 2011d
- Pygmy Rabbit Modeled Habitat, EPG 2013

Inventory Key

Impact Key

Notes:
- The information presented on the map is subject to change as new data is received or as circumstances warrant.
- The map uses the Natural Earth data set for geographic features and the satellite imagery is from Google Maps.

Sources:
- Water Features, ESRI 2008, USGS 2010a
- State and County Boundaries, ESRI 2008
- Mona Substation Boundary as digitized by EPG, Bing 2013
- National Transportation Atlas Database, USDOT 2008
- Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013
- City or Town, ESRI 2010
- Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009
- Public Land Survey System, BLM 2011
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Inventory Key

Impact Key

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- Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013
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- Black-footed Ferret Colonies, UDWR 2011d
- Pygmy Rabbit Modeled Habitat, EPG 2013

Inventory Key

Impact Key

Notes:
- The information presented on the map is subject to change as new data is received or as circumstances warrant.
- The map uses the Natural Earth data set for geographic features and the satellite imagery is from Google Maps.
The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.

Notes:

1. All data are intended to be used as a planning tool only; the data may not be used to make a determination of a Federal or State action. The data is provided for planning and decision-making purposes only.
2. The data may be used to identify areas that may be impacted by future Federal or State actions. The data is not intended to be used in a legal or regulatory context.
3. The data is intended to be used in conjunction with other relevant data and considerations.

Scale in Miles

250,000 ft each = 4 miles

DRAFT EIS
February 2016
Greater Sage-grouse Habitats

Energy Gateway South Transmission Project

SOUTHERN AREA | NORTHERN AREA

Map Index

Resource Inventories

Greater Sage-grouse Habitat

- Greater Sage-grouse Core Area or Priority Habitat
- Greater Sage-grouse Habitat within 4 miles of Leks Located in Core Area or Priority Habitat
- Greater Sage-grouse Habitat within 4 miles of Leks Located outside Core Area or Priority Habitat
- Greater Sage-grouse Core Area or Priority Habitat

Sage-grouse Habitat Protection Corridors, WGFD 2010;
Sage-grouse Preliminary General Habitat Colorado, CPW 2012j;
Sage-grouse Linkages Colorado, CPW 2012;
Sage-grouse Leks, CPW 2012i, UDWR 2013b, WGFD 2012c;
Sage-grouse Core Areas Wyoming, WGFD 2010b;
Sage-grouse Preliminary Priority Habitat Colorado, CPW 2012j;
Sage-grouse Occupied Habitat Utah, UDWR 2011e;

Sources:
- Impact Levels
- Inventory Key
- Impact Key

Note:
- Sage-grouse habitat is only shown within the Project area boundary.

- Contour interval: 150 meters
- Substation symbols do not necessarily represent precise locations.
- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised

- City or Town
- Power Plant
- Pipeline
- Railroad
- Interstate Highway
- State Highway
- Lake or Reservoir
- River or Stream
- State Boundary
- National Forest Boundary

- Highway
- Freeway
- Interstate
- State
- County
- MPO
- National Highway System
- Nigeria
- Unique

- Reference Centerline of Link Node
- Alternate Route
- Link Identifier
- Milepost Identifier
- Segment 4a
- Segment 4b
- Inset A
- Inset B
- Inset C
- Inset D
- Inset E
- Inset F
- Inset G

- Original American Indian Placenames System (OAPIS) names are used in this report.
- Number of miles as the crow flies between the endpoints.
- This map is a digital representation using data shown in the map or data section in several different forms, including a combination of field, remote sensing, and geospatial data.
- Contains: 27 numbers.
The EPG 2011 Zoning and General Plan Management Direction layer was created using a combination of general planning and other datasets.

**Generalized Zoning**

- Residential
- Commercial
- Industrial
- Mixed Use Residential
- Public/Quasi-public
- Rangeland
- Recreation
- Residential

**Notes:** Generalized zoning is only shown within the 2-mile-wide land use study corridor. References include the following:

- **Land Jurisdiction, BLM 2009, 2010, USFS 2006**
- **Water Features, ESRI 2008, USGS 2010**
- **State and County Boundaries, ESRI 2008**
- **Utah Highways and Roads, AGRC 2012**
- **Pipelines, PennWell MAPSearch 2011**
- **Mona Substation Boundary as digitized by EPG, Bing 2013**
- **National Transportation Atlas Database, USDOT 2008**
- **Series Compensation Station Siting Areas, Rocky Mountain Power 2013**
- **Public Land Survey System, BLM 2011**
- **Contours generated by EPG, USGS NED 1 arc-second data 1999**
- **Town of Hanna 2004, Nephi City 2006, Roosevelt City 2010**
- **Planned Land Use Zoning as digitized by EPG, Juab County 2006, City of Ballard 2008, Uintah County 2011, Utah County 2011, Wasatch County 2013**

- **Substation symbols do not necessarily represent precise locations**

**Management Direction**

- **ENERGY GATEWAY SOUTH TRANSMISSION PROJECT**
- **SOUTHERN AREA | NORTHERN AREA**

**General Reference**

- **Impact Levels**
  - High
  - Moderate
  - Low

**Impact Key**

- **Residual Impact**
- **Moderate Impact**
- **High Impact**

**Source:**

- **Energy Gateway Project, Utah County, Uintah County, Duchesne County, Emery County, Garfield County, Grand County, Eagle County, Wasatch County, Summit County, Cache County, Tooele County, Sanpete County, Moffat County, Rio Blanco County, San Juan County, Grand County, Mesa County, Eagle County, Beaver County, Iron County, Washington County, Kane County, Franklin County, and Sweetwater County**

**Notes:**

- **Diagram is a draft and subject to change.**
- **All reference points, distances, and elevations are approximate.**
- **All data is subject to change and may not depict the current condition of land use.**

**DRAFT EIS**

February 2014
Resource Inventory

**GENERALIZED ZONING**

- Agriculture
- Commercial
- Industrial
- Mixed Use Residential
- Park/Preservation

**Resource Inventory Sources:**
- Milepost Identifier: Emery County 2012, Garfield County 2011, Grand County 2011, Mesa County 2011, Moffat County 2011
- Residual Impact Zoning and General Plan 5

**Alternative Route Reference Centerline of:**
- Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013; Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008; Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011

Impact Levels:
- High
- No Identifiable

No Identification: Generalized zoning is only shown within the 2-mile-wide land use study corridor.
Parks, Preservation, and Recreation
ENERGY GATEWAY SOUTH TRANSMISSION PROJECT
SOUTHERN AREA | NORTHERN AREA

Map Index

Resource Inventory

RECREATION RESOURCES
- Non-Motorized Trail
- Motorized Trail
- Scenic Byway
- Recreation Area
- Special Recreation Management Area
- State Park

RECREATION OPPORTUNITY SPECTRUM
- Primitive
- Semi-Developed Semi-Historical
- Semi-Developed Developed
- Urban

Impact Key
- High
- Medium
- Low

Project Features
- High
- Medium
- Low

Notes:
1. Recreation resources and the recreation opportunity spectrum classes that intersect the 2-mile-wide
   proposed 345kV transmission rights-of-way are labeled on this map.
2. Recreation use areas include campgrounds, parks, snow kite areas, ATV use areas, etc.
3. Contour interval: 150 meters
4. Scale in Miles

Source:
- IDAHO
- UT 40.3, 2001
- WYOMING
- Utah Highways and Roads, AGRC 2012
- Pipelines, PennWell MAPSearch 2011
- River or Stream
- Lake or Reservoir
- U.S. Highways
- State Highways
- Contour Interval: 150 meters
- Scale in Miles

5.191,000 at 1 inch = 4 miles

Map Index
Special Designations and Other Management Areas

Energy Gateway South Transmission Project

Southern Area | Northern Area

Map Index

Resource Inventory

Special Designations:

- Area of Critical Environmental Concern (ACEC)
- Natural Conservation Area
- National Park or National Monument

Other Management Areas:

- Conservation Easements
- Other Management Areas
- Research Natural Area (RNA)
- Wild and Scenic River (Scenic)
- Wild Horse Herd Management Area

Special Designations and Other Management Areas are only shown within the Project Area boundary, and those Special Designations and Other Management Areas set forth in the EIS may be reclassified, modified or otherwise changed throughout the development of the Project.

The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.

The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.

Sources:

- Map of Eagle County, Environmental Center, P:\Data\R:\S:\E:\E:\MAP\E:\12213\1\1\1\\REV0\M:\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ERR\ER
High Concern Viewers

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA

Map Index:

Resource Inventory:

- High Concern Viewers
  - High Concern Local Viewers

Influence Zones:

- 0 to 0.5 miles
- 0.5 to 1.0 miles
- 1.0 to 2.0 miles
- 2.0 to 3.0 miles
- Over 3.0 miles

Inventory Key:

- Power Plant
- Railroad
- Pipeline
- Transmission Line
- Substation
- Project Area Boundary

Impact Key:

- High
- Moderate
- Low

Notes:

- High concern viewers and influence zones are only shown within the 6-mile-wide visual resources study corridor.
- Substation symbols do not necessarily represent precise locations.

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February 2014
Inventory Key

Impact Key

Resource Inventory

High Concern Viewers

- High Concern Local Viewers

INFLUENCE ZONES

0 to 0.5 mile
- Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
- City or Town, ESRI 2010;
- Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
- Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
- Mona Substation Boundary as digitized by EPG, Bing 2013;

0.5 to 1.0 mile
- Utah Highways and Roads, AGRC 2012;
- Pipelines, PennWell MAPSearch 2011;
- No Identifiable Water Features, ESRI 2008, USGS 2010a;
- State and County Boundaries, ESRI 2008;

1.0 to 2.0 miles
- Alternative Route 345kV Proposed Reroute (Segment 4c - Inset A)
- Railroad
- Jurisdictional Boundary

Over 3.0 miles
- 345kV Proposed Rebuild Station Siting Area

Notes:
- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.
- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters
- 1:380,160 or 1 inch = 6 miles
**Moderate Concern Viewers**

**EIN GATEWAY SOUTH TRANSMISSION PROJECT**

**MODERATE CONCERN VIEWERS**

**INFLUENCE ZONES**

<table>
<thead>
<tr>
<th>Zone</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5-1.5 miles</td>
<td></td>
</tr>
<tr>
<td>1.5-2.4 miles</td>
<td></td>
</tr>
<tr>
<td>Over 2.4 miles</td>
<td></td>
</tr>
</tbody>
</table>

**Impact Key**

- Moderate Concern Level Viewer
- Alternative Route
- Residual Impact

**Sources:**

- Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
- Study Corridor

**Notes:**

- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.
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Scenery

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA

Map Index:

Resource Inventory

PROJECT LEVEL SCENERY RATING UNITS

Class A

Class B

Class C

Class D

Class E

Class F

Class G

Developed

SPECIAL DESIGNATIONS

Area of Critical Environmental Concerns (ACECs) managed for Scenery resources

Inventory Key

Impact Key

Project Features

City or Town

Impact Levels

Sources:

Notes:

Scale is "Miles"

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February 2014
Resource Inventory

CONGRESSIONALLY DESIGNATED/FEASIBILITY STUDY TRAIL-ALIGNMENTS
- Continental Divide National Scenic Trail
- National Trails System
- Old Spanish National Historic Trail (NSHT)
- Overland Historic Trail (under feasibility study)
- Cherokee Historic Trail (under feasibility study)

VIEWED FOR PROJECT-LEVEL ANALYSIS

- Non-Route Area
- Trail Traces and Trail-Associated Cultural Sites
- Trail-Associated Viewing Locations

Visual Influence Zones
- 0 to 0.5 mile
- 0.5 to 1.0 mile
- 1.0 to 2.0 miles
- 2.0 to 3.0 miles

PROJECT-LEVEL Scenery Rating
- Class C
- Class B
- Developed

Inventory Key

- NHT Condition Category II or III or Contributing Trail Trace
- NHT Condition Category IV or V

Impact Key

- No Impact
- Partial
- Non-Route Area

Impact Assessment

- Project Area
- Route Area
- Station Siting Area

General Reference

City or Town
- Subdivision
- Recreational Plan
- Selected Transmission or Station Siting Area

Interstate Highways
- U.S. Highway
- State Highway
- State Boundary

Interstate Boundary
- Lake of Reservoir
- River

Source
- TRA 2005; TRA 2010; TRA 2013; TRA 2015;
- TRA 2017; TRA 2019; TRA 2020

Notes
- Designation of Trail and Trail-Associated Cultural Sites is based on the Trail's designation, Trail-Associated Cultural Site designation, and Trail-Associated Viewing Location designation.
- Trail-Associated Viewing Locations are designated based on the Trail's designation and Trail-Associated Viewing Location designation.
- Trail alignments are shown within the Project area boundary and developed areas.
- Trail-Associated Site and Viewing Location designations are shown within the Project area boundary and developed areas.
Pipeline near Roosevelt, Utah, buffered 1,500 feet on either side of pipeline centerline.

Berry Petroleum South Unit, USFS 2007c; Oil and Gas Projects, BLM 2012ag; Blacktail Ridge and Lake Canyon EDA Boundaries, URMCC 2013a; Colorado Oil and Gas Units, BLM 2012x; Utah Oil and Gas Units, BLM 2012ad; Atlantic Rim Oil and Gas Field, BLM 2005f; 2012e; Karren Industrial Park, Duchesne County 2009; Flatirons Resources Helium Project, BLM 2013; Special Use Permit, Rio Blanco County 2012; ColoWyo Coal Mine, BLM 2012; Coal Leases, SITLA 2013b, Wyoming Office of State Lands and Investments 2013b; Coal Mines, Wyoming DEQ 2011; Ferron Natural Gas Project, BLM 1998b; Oil and Gas Leases, Wyoming Office of State Lands and Investments 2013c, Colorado State Land Board 2012, Central Utah Telephone Fiber Optic Line, BLM 2013g; University of Utah Special Use Agreement, SITLA 2013a; U.S. Historic Fire Perimeters, USFS 2011g; Residential Subdivisions, Carbon County, UT 2011b, Carbon County WY, 2012b, Duchesne County 2009, Juab County 2009, Moffat County 2009b; UNEV Pipeline, BLM 2006b; QuestStar Pipeline, BLM 2013i; Roosevelt Pipeline, CUWCD 2012; ATV Trail, Carbon County UT 2011a; Sanpete County 2009, Utah County 2009; Seep Ridge Road, BLM 2012al; Standpipe Substation, Rocky Mountain Power 2011; City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009; Contours generated by EPG, USGS NED 1 arc-second data 1999; Series Compensation Station Siting Areas, Rocky Mountain Power 2013; Sierra Madre and Chokecherry Wind Farms, BLM 2012; Vegetation Management Activities, BLM 2009h, 2010f, 2010g, 2011q, 2012ad, • Contour interval: 150 meters • Substation symbols do not necessarily represent precise locations. • The alternative routes and series compensation station siting areas shown on this map are draft and with the exception of digitized well pads and small projects (6 acres and smaller) that were deemed to be completely disturbed.