

## **-Info-Public Service Commission**

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**From:** Naylor, Valerie <valerie\_naylor@nps.gov>  
**Sent:** Wednesday, September 11, 2013 10:12 PM  
**To:** -Info-Public Service Commission  
**Subject:** PU-11-696 Basin Electric Power Cooperative - Late Filed Exhibits #33 and #34  
**Attachments:** Exhibit 33 - Antelope Valley Station to Naset Transmission Line Viewshed - 20130911 - .pdf;  
Exhibit 34 - Killdeer\_20130911210812.pdf

Public Service Commission:

Thank you for the opportunity to make comments at the public hearing in Killdeer on September 4. Attached, as instructed, are the two late filed exhibits from the National Park Service.

Exhibit #33 - Current Viewshed Analysis showing visibility of proposed powerline from the North Unit of Theodore Roosevelt National Park. This is based on the most recent data available on the Basin Electric website. It may not reflect any changes made to the route since that was posted.

Exhibit # 34 - The National Park Service map of the Killdeer Mountain Battlefield with the core area and study area outlined. Although this electronic version is not in color, the outer circle is the study area and the inner circle is the core area of the battlefield.

The commission was to file these and transmit them to Mr. Armstrong and Ms. Jacobson.

If you have any questions, please feel free to contact me.

Valerie Naylor

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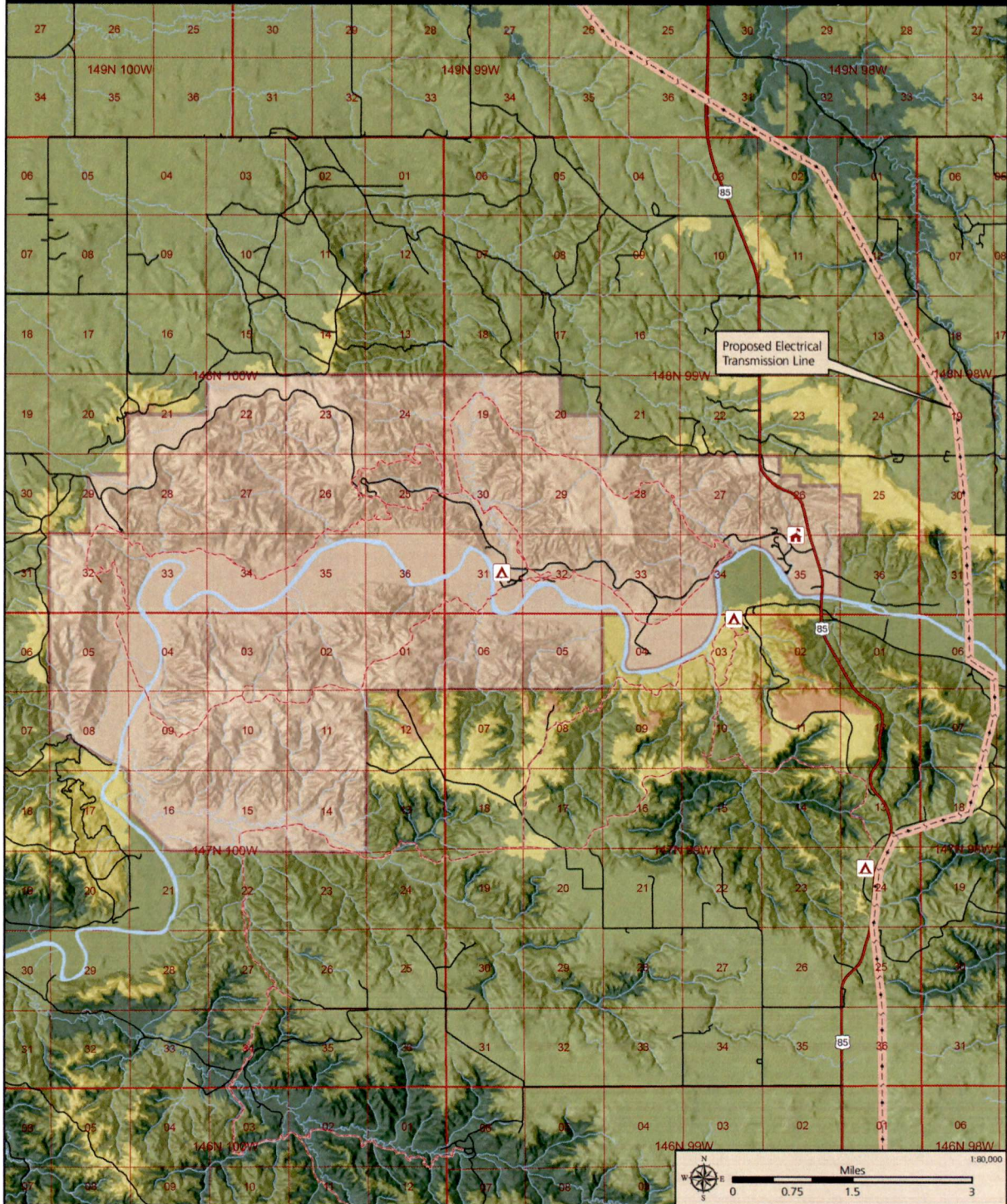
"There is nothing so American as our National Parks...the fundamental idea behind the parks...is that the country belongs to the People." -- President Franklin D. Roosevelt

# Theodore Roosevelt National Park

## Basin Electric Cooperative

### Proposed Power Transmission Line - Viewshed

National Park Service  
U.S. Department of the Interior



#### Analysis Description

Visual impacts of the proposed electrical transmission line located east of U.S. highway 85 were evaluated for the North Unit of Theodore Roosevelt National Park, North Dakota.  
*Note: Surveyed locations of transmission line support structures were unknown for this analysis)*

Model inputs included a bare earth USGS 10-m digital elevation model (DEM) and viewshed parameters of 6-ft observer height and 115-ft structure height. The result of this analysis is portrayed in the map document as color shaded areas, which denote the percent visual impact (by area) for the North Unit.

For example, if a 115-ft tall structure was developed in an area shaded "dark-green" there would be no visual impact to the North Unit. In contrast, if a 115-ft tall structure was developed in a "orange-shaded" area the structure would be visible from >20 to 30% of the total area of the North Unit.

*Map Disclaimer: No warranty is made by the National Park Service as to the accuracy, reliability, or completeness of these datasets for individual or aggregate use with other data. Original data was compiled from various sources and may be updated without notification.*

#### Legend

- |  |                                  |  |                                  |
|--|----------------------------------|--|----------------------------------|
|  | 0%                               |  | >20 to 30%                       |
|  | >0 to 10%                        |  | >30 to 40%                       |
|  | >10 to 20%                       |  | Proposed Power Transmission Line |
|  | Proposed Power Transmission Line |  | Campground                       |
|  | U.S. Highway                     |  | Visitor Center                   |
|  | Road                             |  |                                  |
|  | Non-Motorized Trail              |  |                                  |

NAAD 1983 HARN UTM Zone 13N

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