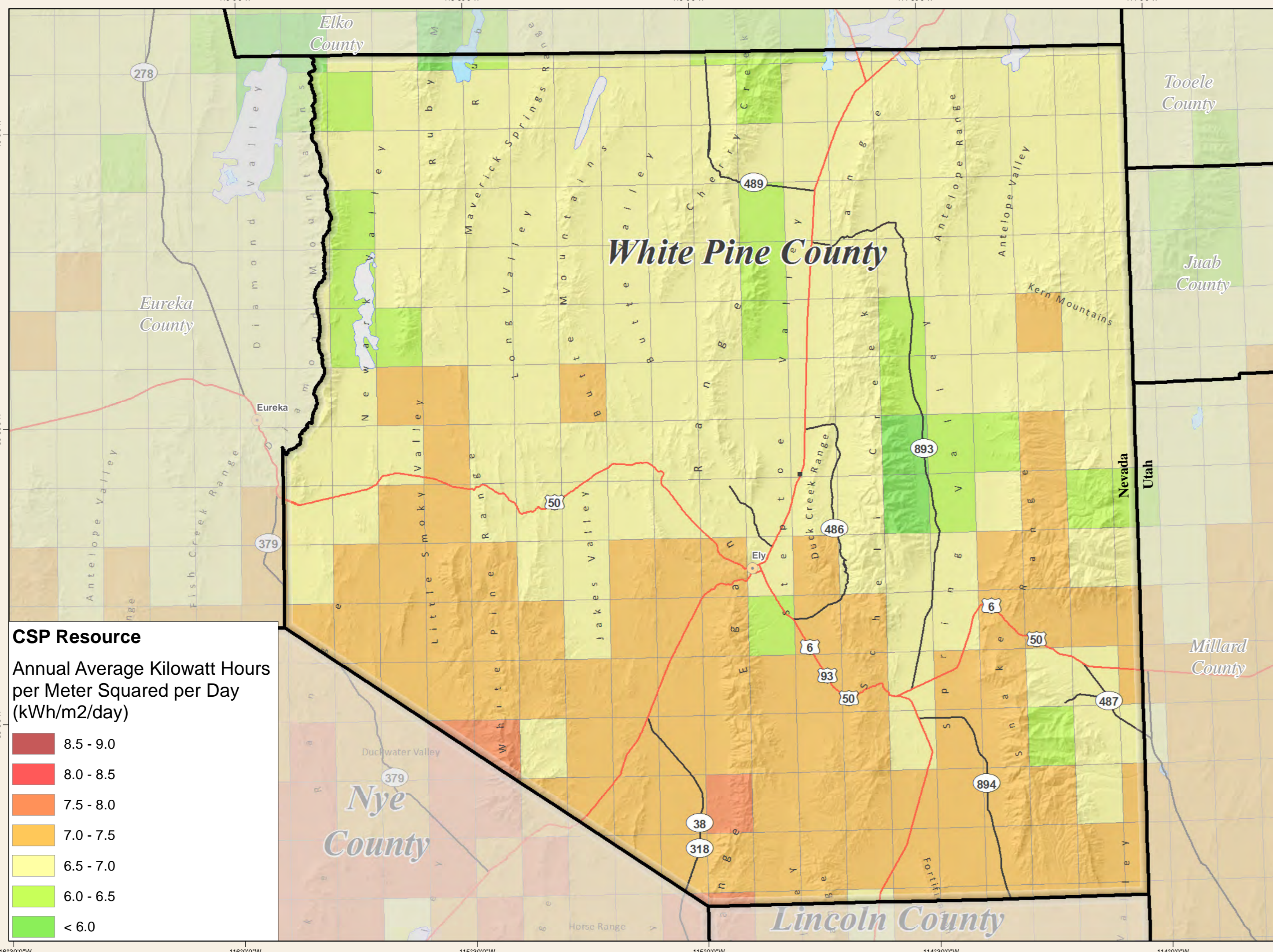
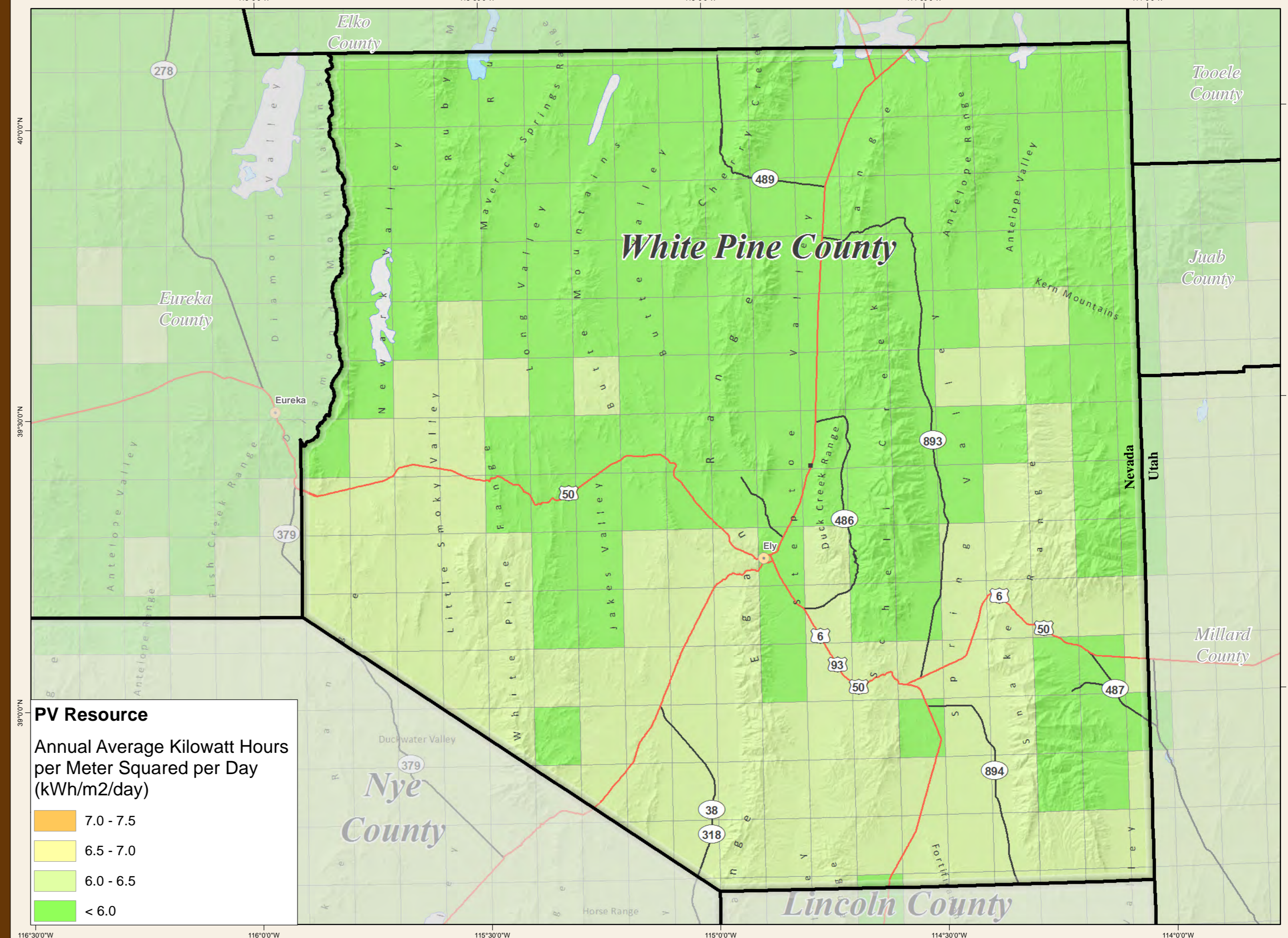


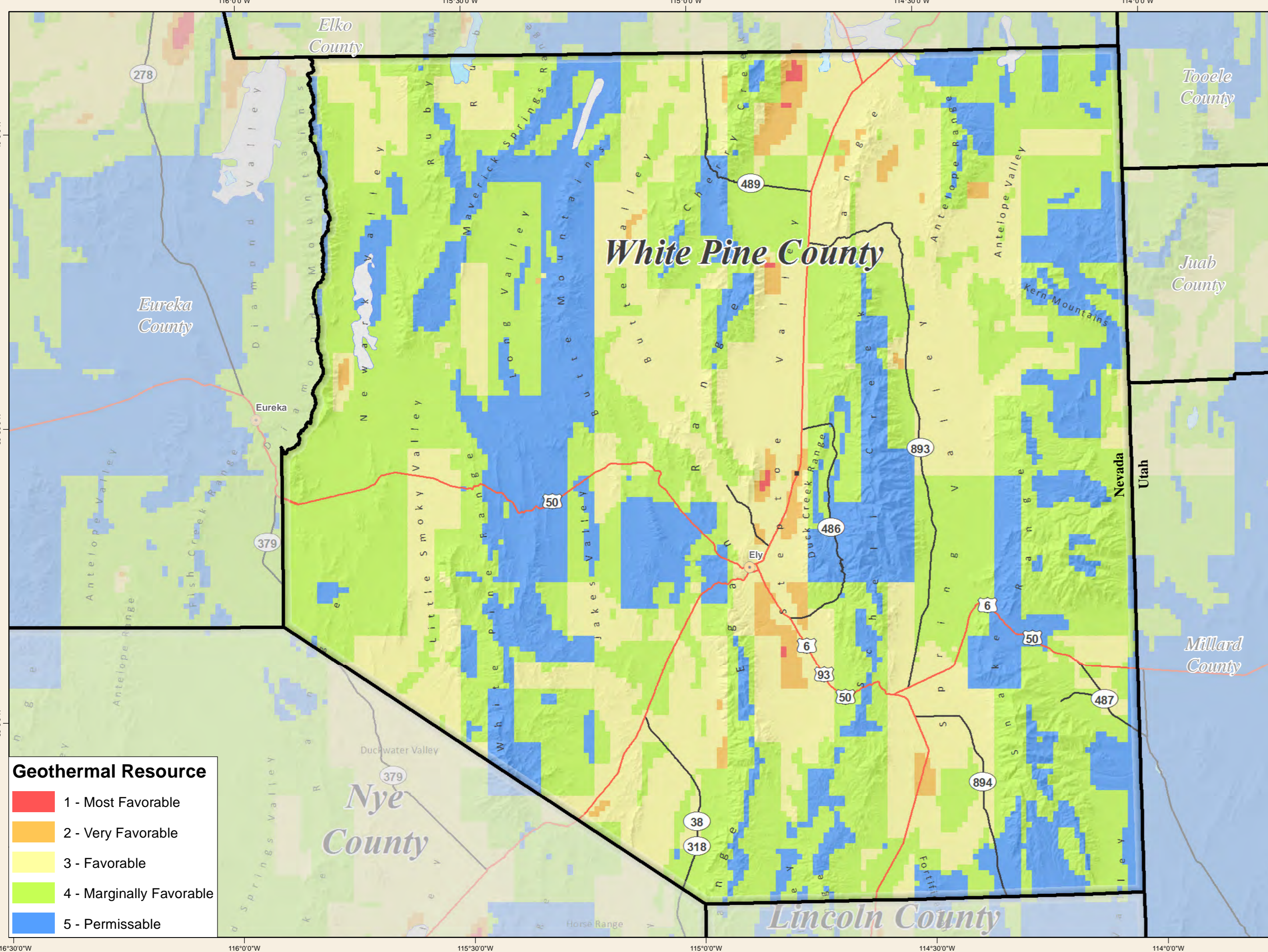
### CONCENTRATING SOLAR POWER (CSP) RESOURCE



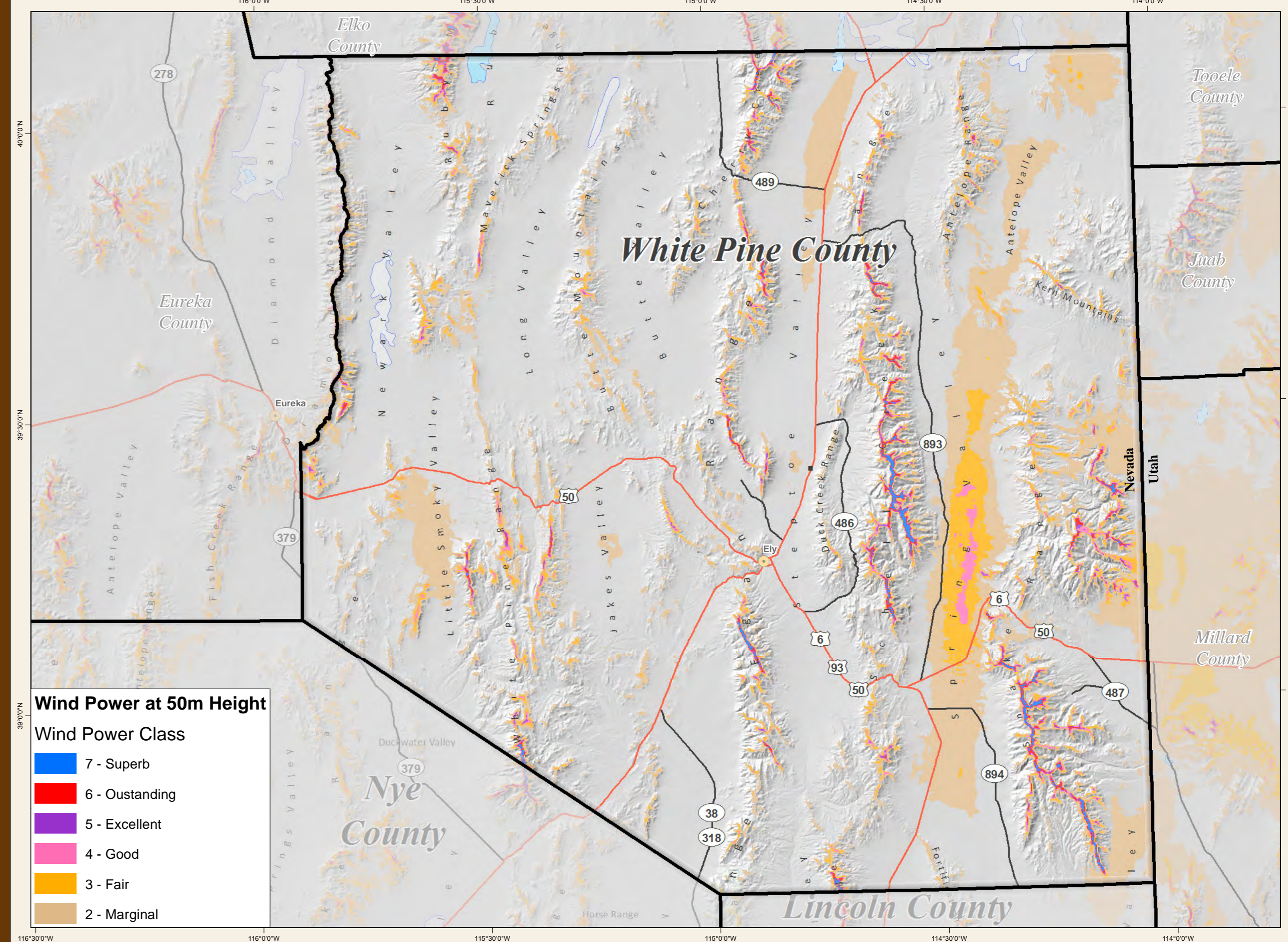
### PHOTOVOLTAIC (PV) SOLAR RESOURCE



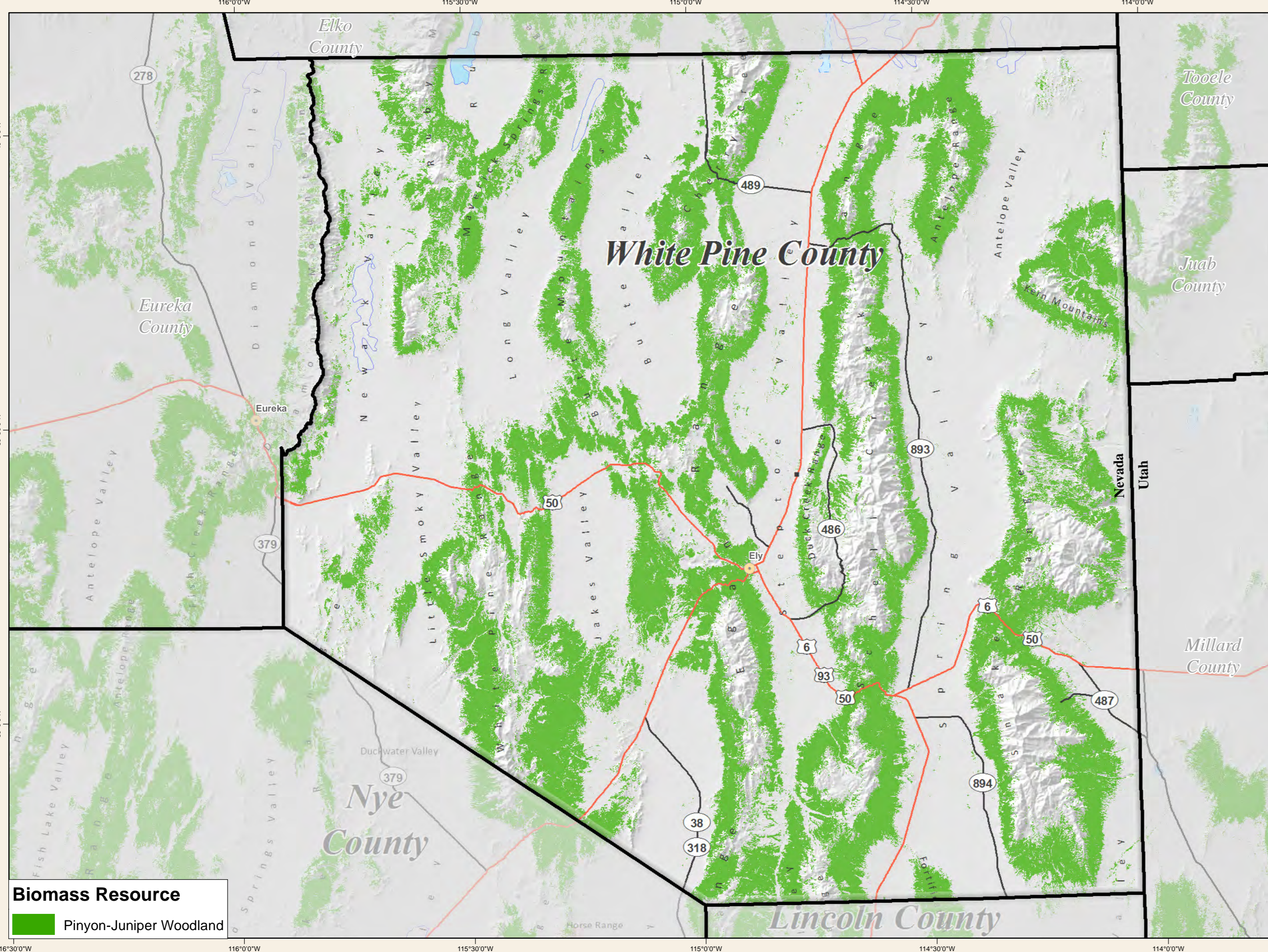
### GEOHERMAL RESOURCE



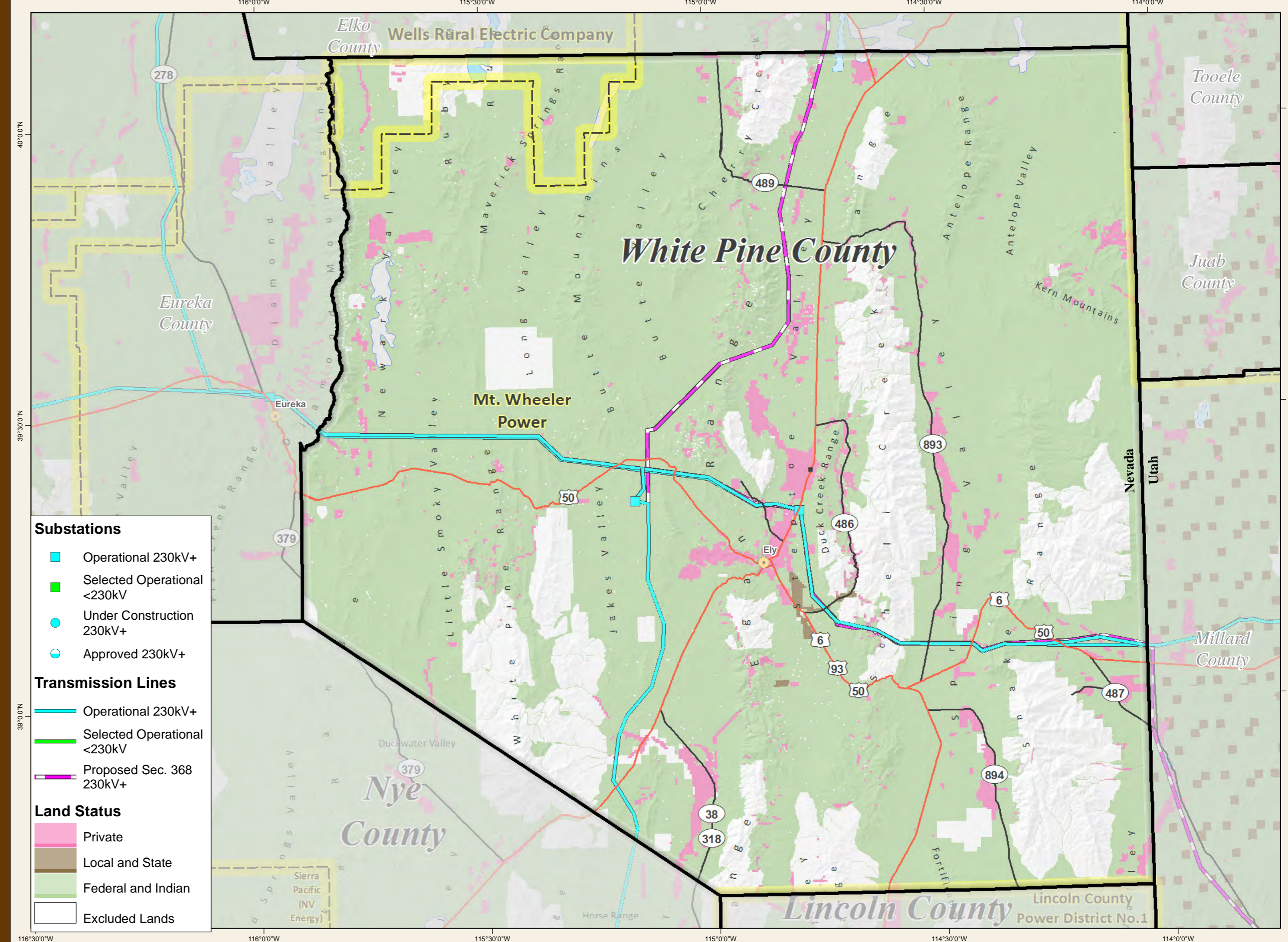
### WIND POWER RESOURCE



### BIOMASS RESOURCE



### TRANSMISSION AND LAND STATUS



#### SOLAR RESOURCE DISCUSSION AND SOURCES

The top two maps show solar resource for Concentrating Solar Power (CSP) and Pinned Photovoltaic (PV). CSP uses Direct Normal Irradiance (DNI) data and PV uses solar resource available to a photovoltaic panel, oriented south at an angle. The solar resource is in units of kWh/m2/day annually averaged for 1998-2009 over 10 sq km surface cells. The data was developed by SUNY Albany and National Renewable Energy Laboratory - NREL (2012), and are available from [http://www.nrel.gov/gis/data\\_solar.html](http://www.nrel.gov/gis/data_solar.html). Values at 7.0+ (CSP) and 6.5+ (PV) kWh/m2/day are considered excellent potential.

#### BIOMASS RESOURCE DISCUSSION AND SOURCES

The lower left map displays the location of Great Basin Pinyon-Juniper Woodland. For information about Pinyon-Juniper Woodland as a biomass energy resource see the Lincoln County Regional Development Authority at <http://lcrda.com/index.html>. Mapped Pinyon-Juniper woodlands were extracted from the Southwest Regional GAP Landcover (SWRGAP, 2004) for Arizona, Nevada, and Utah and the California GAP Landcover (2008), available, respectively, at <http://earth.gis.usu.edu/swgap/landcover.html> and <http://gap.uidaho.edu/index.php/california-land-cover/>.

#### TRANSMISSION AND LAND STATUS DISCUSSION AND SOURCES

The lower right map shows land status in background, available from AZ, CA, NV, & UT BLM websites. Water bodies and excluded federal lands from the BLM/DOE Final Programmatic EIS for Solar Energy Development in Six Southwestern States (FES 12-24 DOE/EIS-0402, July 2012) are available at <http://blmreis.anl.gov/maps/gis/index.cfm>. Excluded federal lands are shown in white. Electric utility (yellow hatched names) service areas are delineated by yellow buffered dashed outlines. Service areas are from the Nevada Rural Electric Association, Valley Electric Association (VEA), NV Energy, and the California Energy Commission. An overlay of photointerpreted transmission lines and substations (including switches) for capacities 230 kV or greater are also shown. Selected transmission lines and substations with lesser capacities are shown for the interior area between VEA and Southern California Edison service areas. Transmission facilities are provided for informational purposes and may not be complete, especially outside the RDSSBC.

#### OTHER DATA DISCUSSION AND SOURCES

Roads and State/County boundaries are from or modified from US Census TIGER data, 2011. Towns and Cities are from ESRI 2010 data. Hillsshade was developed from the Shuttle Radar Topography Mission (SRTM) SGM Database (<http://srtm.csi.cgiar.org/>).

# RURAL DESERT SOUTHWEST BROWNFIELDS COALITION WHITE PINE COUNTY, NV RENEWABLE ENERGY RESOURCES

Produced By: TerraSpectra Geomatics  
Date Produced: June 1, 2016  
Grid/Units: UTM, Zone 11, Meters  
Datum/Spheroid: GRS80/NA83

0 5 10 20 30 40 50 Miles  
1 inch = 10 miles

The maps focus on White Pine County, Nevada, one of the five county Rural Desert Southwest Brownfields Coalition (RDSSBC) members. The other County members are Esmeralda, Lincoln, and Nye, Nevada and Inyo, California. In the maps the counties other than White Pine County have a transparent white overlay that subdues their display.

**Common Map Data**

- County Seat
- Towns (Population 500+)
- Interstate Highway
- US Highway
- State Highway
- Other Roads
- Lakes and Reservoirs
- Lakes and Reservoirs, Intermittent
- Playa