Appendix H: Areas of Special Concern

Areas of special concern are those areas that would not be excluded from application through application of the resource-based exclusions that apply across the Solar Programmatic EIS Action Alternatives, but that warrant additional review at the time of a solar project application. The areas of special concern were identified during preparation of this Programmatic EIS based on input from the National Park Service (NPS), U.S. Fish and Wildlife Service (USFWS), cooperating agencies, and BLM subject matter experts. In cases where screening identifies an intersection between a proposed project and areas of special concern, project developers could propose avoidance and/or other mitigation measures to address resource concerns.

This Appendix discusses areas of special concern in the following categories:

- H.1 BLM Restoration Landscapes
- H.2 Oil and Gas Leases
- H.3 Big Game Data
- H.4 National Park Service Areas of Special Concern

H.1 BLM Restoration Landscapes

BLM Restoration Landscapes are HUC8 watersheds nominated as Focal Landscapes, by BLM State Offices. As noted in Design Feature LR-G-2, if a proposed solar project is included in the BLM's Restoration Landscapes, the project developer shall confirm that restoration activities have not been completed, initiated, or are not imminent. If restoration has been undertaken or is planned, the project developer shall work with the BLM to modify the project area to avoid restored areas, and/or develop mitigation actions that maintain or restore those areas or commensurate areas or values.

A map of BLM Restoration Landscapes is shown in Figure H.1-1.



Figure H.1-1. BLM Restoration Landscapes Areas.

H.2 Oil and Gas Leases

The map shown in Figure H.2-1 shows areas currently leased for oil and gas exploration and production. These oil and gas leases grant the right to the lessee to use so much of the leased lands as is necessary for oil and gas exploration and development (43 CFR 3101.1-2), and are valid existing rights. Because of the modular nature of PV facilities, in most instances it is likely that they could be designed to avoid areas of mineral development or in a manner consistent with planned mineral development; however, the BLM reserves the right to protect the first in time valid existing rights of the oil and gas lease and may require modification of the solar right-of-way application to protect these rights.



Figure H.2-1. BLM Active Oil and Gas Leases (as of April 10, 2023).

H.3 Big Game Data

As described in Chapter 2 (Table 2.2-3) and discussed in Section 5.4.3.4 utility-scale solar development would be excluded from all big game migratort corridors and winter ranges identified in applicable land use plans to the extent the land use plan decision prohibits such development.

In addition to these excluded areas, there are addional big game datasets currently not identified in applicable land use plans but mapped by state and federal natural resource agencies. Big game winter ranges and migration corridors were mapped and discussed in Appendix F (F.4.3.2.2). Additional big game datasets may be available and should be considered at the project level in collaboration with state agencies.

H.4 National Park Service Areas of Special Concern

The NPS has provided information to the BLM on eight areas of special consideration, which are resource areas within 25 miles of National Parks, National Monuments, and other NPS-managed lands thatshould be givern particular attention to inform comprehensive discussion of potential impacts to NPS resources that could be associated with utility-scale solar energy development on BLM-administered lands.

- Dark Night Skies areas of less than 26 nanoLambert average anthropogenic light in the sky, based on the NPS Night Sky Division's Anthropogenic Light Ratio dataset.
- **Points of Entry** areas within 800 meters of NPS visitor access points.
- Upstream Watersheds Upstream watersheds that flow into NPS lands.
- Wind Erodibility areas where soils are susceptible of being eroded by winds.
- Water Erodibility areas where soils are susceptible of being eroded by water.
- Landscape Intactness areas with high or very high intactness, based on the USGS Landscape Intactness Index. (Note: these lands are excluded under Alternatives 4 and 5).
- Viewshed Key Observation Points (KOPs) KOPs identified in 2023 as 2023 *Enjoy the View* points or 2012 as Key Points of Observation.
- NRHP KOPs KOPs identified in 2012 as park NRHP points.

The NPS has also provided approximately 750 maps, included here, showing these areas of special concern withi 25 miles of NPS-managed lands. If a proposed project overlaps an NPS Area of Special Consideration, as shown in the figures in this section, then:

1. The BLM will request NPS input during the preliminary application review meetings required in 43 CFR 2804.12 and will include NPS input for the prioritization of that proposed project.

- 2. At the first preliminary application review meeting to include the applicant and external agencies, BLM will offer the NPS a slot on the meeting agenda. The NPS will share the Area of Special Consideration (ASC) maps and describe resource concerns if they have resource concerns for the proposed project location.
- 3. The BLM will include NPS in the baseline needs assessment to identify any needed baseline studies relevant to NPS resources, and the relevant analyses needed in the BLM NEPA documentation.

Dark Night Skies - Amache National Historic Site



Dark Night Skies - Arches National Park



20230915

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Aztec Ruins National Monument



20230915



Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and feeling 4. Wildlife circadian rhythms and foraging Area of Analysis 🔁 Park boundary Dark Night Skies Land Category **BLM** land Not under PEIS evaluation Other DOI land Other federal land **DRECP not under PEIS**

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

evaluation



Dark Night Skies - Bandelier National Monument





Dark Night Skies - Bent's Old Fort National Historic Site





Dark Night Skies - Bighorn Canyon National Recreation Area





Dark Night Skies - Big Hole National Battlefield



RATIONAL PARK BRIVIEL

20230915

Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and feeling 4. Wildlife circadian rhythms and foraging Area of Analysis

Park boundary
Dark Night Skies
Land Category
BLM land
Not under PEIS evaluation
Other DOI land
Other federal land

DRECP not under PEIS evaluation



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Black Canyon of the Gunnison National Park





Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and 4. Wildlife circadian rhythms and Area of Analysis 🔁 Park boundary

Dark Night Skies

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation



Dark Night Skies - Bryce Canyon National Park





Dark Night Skies - Cabrillo National Monument



Dark Night Skies - Canyon de Chelly National Monument



20230915

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Casa Grande Ruins National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Castle Mountains National Monument





Dark Night Skies - Canyonlands National Park



PATONAL PAR SERVICE

20230915

Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and feeling 4. Wildlife circadian rhythms and foraging





Dark Night Skies - Capitol Reef National Park



Dark Night Skies - Carlsbad Caverns National Park





20230915

Resource: Dark Night Skies

Potential impacts to:

1. Recreational stargazing 2. Wilderness character

3. Historic property setting and

4. Wildlife circadian rhythms and

Area of Analysis Park boundary Dark Night Skies BLM land Not under PEIS evaluation Other DOI land Other federal land **DRECP not under PEIS** evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Capulin Volcano National Monument





Dark Night Skies - Cedar Breaks National Monument



Resource: Dark Night Skies

Potential impacts to:

 Recreational stargazing
 Wilderness character
 Historic property setting and feeling

4. Wildlife circadian rhythms and foraging



Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

N 0 15 Miles

Utah Geospatial Resource Center, Esri, HERE, Garmin, SafeGraph, FAO, METI/ NASA, USGS/ Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - César E. Chávez National Monument





Dark Night Skies - Chaco Culture National Historical Park





Dark Night Skies - Chiricahua National Monument



Resource: Dark Night Skies

<u>Potential impacts to:</u>
1. Recreational stargazing
2. Wilderness character
3. Historic property setting and feeling
4. Wildlife circadian rhythms and foraging

Park boundary
Dark Night Skies
Land Category
BLM land
Not under PEIS evaluation
Other DOI land
Other federal land
DRECP not under PEIS evaluation

Area of Analysis





Dark Night Skies - Channel Islands National Park





Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and feeling 4. Wildlife circadian rhythms and foraging Area of Analysis Park boundary Dark Night Skies Land Category BLM land Not under PEIS evaluation Other DOI land Other federal land **DRECP not under PEIS** evaluation



Dark Night Skies - City of Rocks National Reserve



20230915

Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing

2. Wilderness character

3. Historic property setting and feeling

4. Wildlife circadian rhythms and foraging



Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

N 0 15 Miles

Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

Dark Night Skies - Colorado National Monument



20230915

1. Recreational stargazing

2. Wilderness character

3. Historic property setting and

4. Wildlife circadian rhythms and

Area of Analysis

Park boundary

Dark Night Skies

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

Dark Night Skies - Coronado National Memorial



CONANP, Esri, HERE, Garmin, Foursquare, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and feeling 4. Wildlife circadian rhythms and foraging Area of Analysis Park boundary Dark Night Skies Land Category BLM land Not under PEIS evaluation Other DOI land Other federal land **DRECP not under PEIS** evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.





20230915

Dark Night Skies - Crater Lake National Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Craters of the Moon National Monument & Preserve





Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and 4. Wildlife circadian rhythms and Area of Analysis Park boundary Dark Night Skies BLM land Not under PEIS evaluation Other DOI land Other federal land **DRECP not under PEIS** evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.



by Esri, Esri, CGIAR, USGS

Dark Night Skies - Curecanti National Recreation Area



Facebook, Inc. and its affiliates, Esri Community Mans contributors, Map layer

Forestov Esri, Esri, CGIAR, USGS



20230915

Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing 2. Wilderness character

3. Historic property setting and feeling

4. Wildlife circadian rhythms and foraging





Dark Night Skies - Devils Postpile National Monument



Dinkey Lakes

Resource: Dark Night Skies

Potential impacts to:

1. Recreational stargazing

2. Wilderness character

3. Historic property setting and

4. Wildlife circadian rhythms and







Dark Night Skies - Devils Tower National Monument



15 Miles



Montana State Library, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, Upton CGIAR, USGS

N
Dark Night Skies - Death Valley National Park



RATIONAL PARK SUVICE

20230915

Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and feeling 4. Wildlife circadian rhythms and foraging Area of Analysis Park boundary Dark Night Skies Land Category BLM land Not under PEIS evaluation Other DOI land Other federal land DRECP not under PEIS evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

N 0 45 Miles

Dark Night Skies - Dinosaur National Monument



NATIONAL PARAVICE

20230915

Resource: Dark Night Skies

Potential impacts to:

1. Recreational stargazing

2. Wilderness character

3. Historic property setting and feeling

4. Wildlife circadian rhythms and foraging



Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.



Dark Night Skies - Ebey's Landing National Historical Reserve





Dark Night Skies - El Malpais National Monument



NATIONAL SARK SERVICE

20 Miles

20230915

Dark Night Skies - El Morro National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Eugene O'Neill National Historic Site



Dark Night Skies - Florissant Fossil Beds National Monument



15 Miles



USGS

Dark Night Skies - Fort Bowie National Historic Site



Potential impacts to: feeling foraging Park boundary Land Category BLM land evaluation Gray Peak CONANP, Esri, HERE, Garmin, Foursquare, SafeGraph, FAO, METI/NASA, USC 904 Area N Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

Resource: Dark Night Skies

1. Recreational stargazing 2. Wilderness character 3. Historic property setting and 4. Wildlife circadian rhythms and Area of Analysis

Dark Night Skies

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

Dark Night Skies - Fossil Butte National Monument

ear Lake





La Barg

feeling

foraging

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

N 15 Miles

Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Lincoln County, WY, Utah Geospatial Resource Center, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS

Dark Night Skies - Fort Laramie National Historic Site



Dark Night Skies - Fort Point National Historic Site



15 Miles

20230915

Dark Night Skies - Fort Union National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Fort Vancouver National Historic Site





Dark Night Skies - Gila Cliff Dwellings National Monument





Dark Night Skies - Glacier National Park





Dark Night Skies - Glen Canyon National Recreation Area



NATIONAL PARK ERVICE

20230915

Dark Night Skies - Golden Gate National Recreation Area



Rational Sank Service

20230915

Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and feeling 4. Wildlife circadian rhythms and foraging Area of Analysis Park boundary Dark Night Skies Land Category BLM land Not under PEIS evaluation Other DOI land Other federal land **DRECP not under PEIS**

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

evaluation



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Golden Spike National Historical Park



20230915

Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and feeling 4. Wildlife circadian rhythms and foraging



Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

North Ogder

Ogden

South Ogden

N

^{Cond}Utan Geospatial Resource Center, Esri, HERE, Garmin, SafeGraph, FAO, MERK NASA, USGS, Bureau of Land Management, EPAPPS Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

Bear River ligratory Bird

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Great Basin National Park





Resource: Dark Night Skies

1. Recreational stargazing 2. Wilderness character 3. Historic property setting and 4. Wildlife circadian rhythms and

Area of Analysis 🔁 Park boundary Dark Night Skies Land Category BLM land Not under PEIS evaluation Other DOI land Other federal land **DRECP not under PEIS** evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

Dark Night Skies - Grand Canyon National Park





Nationa

HERE, Garmin, FAO, NOAA, USGS, Bureau of Land Management, EPA, NPS

Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and feeling 4. Wildlife circadian rhythms and foraging Area of Analysis Park boundary

Dark Night Skies

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

 $\bigwedge^{\mathsf{N}}_{0} \xrightarrow{}_{55 \text{ Miles}}$

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Grant-Kohrs Ranch National Historic Site



15 Miles

Resource: Dark Night Skies Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and feeling 4. Wildlife circadian rhythms and foraging Area of Analysis 👎 Park boundary Dark Night Skies Land Category **BLM** land Not under PEIS evaluation Other DOI land Other federal land **DRECP not under PEIS** evaluation Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145. ount Hag Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its N affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS, County of Lewis and Clark, Montana State Library, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Great Sand Dunes National Park & Preserve





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Grand Teton National Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Hagerman Fossil Beds National Monument



20230915

Resource: Dark Night Skies Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and feeling 4. Wildlife circadian rhythms and foraging Area of Analysis Park boundary Dark Night Skies Land Category BLM land Not under PEIS evaluation Other DOI land Other federal land **DRECP not under PEIS** evaluation Twin Falls Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145. Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land N Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer

15 Miles

by Esri, Esri, CGIAR, USGS

Dark Night Skies - Hovenweep National Monument



National Page Service

20230915

Resource: Dark Night Skies

Potential impacts to:

 Recreational stargazing
Wilderness character
Historic property setting and feeling
Wildlife circadian rhythms and

Area of Analysis
Park boundary
Dark Night Skies
Land Category
BLM land
Not under PEIS evaluation
Other DOI land
Other federal land
DRECP not under PEIS evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Hubbell Trading Post National Historic Site





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - John Day Fossil Beds National Monument



20230915



Potential impacts to:

1. Recreational stargazing

2. Wilderness character

3. Historic property setting and feeling

4. Wildlife circadian rhythms and foraging



Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.



Oregon State Parks, State of Oregon GEO, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

Oregon

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - John D. Rockefeller, Jr., Memorial Parkway





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - John Muir National Historic Site



15 Miles

20230915

Dark Night Skies - Joshua Tree National Park





Dark Night Skies - Lava Beds National Monument



20230915

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.



Dark Night Skies - Lake Mead National Recreation Area



20230915

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Lake Roosevelt National Recreation Area



20230915



Dark Night Skies - Lassen Volcanic National Park



20230915

Resource: Dark Night Skies

1. Recreational stargazing 2. Wilderness character 3. Historic property setting and 4. Wildlife circadian rhythms and



Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

Dark Night Skies - Lewis and Clark National Historical Park





Dark Night Skies - Little Bighorn Battlefield National Monument



Montana State Library, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

⊐ 15 Miles

N
Dark Night Skies - Manzanar National Historic Site



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies -





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies -





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Mesa Verde National Park



15 Miles

20230915



Dark Night Skies - Minidoka National Historic Site





20230915

Dark Night Skies - Montezuma Castle National Monument



Dark Night Skies - Mojave National Preserve





Las Vegas **Resource: Dark Night Skies** Lake Meat Potential impacts to: enderson Boulder Ci Lake Mead National Kingstor Recreation eath Valle Study Area Avi Kwa Ame National Soda Mountain Bullhead City **Kelso Dunes** Bristo Mountain Mojave Trails National California State Parks, Esri, HERE, Garmin, FAO, MORA, USGS, Bureau of Land sheephold valleeWanagement, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Idemees Area Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer

1. Recreational stargazing 2. Wilderness character 3. Historic property setting and feeling 4. Wildlife circadian rhythms and foraging Area of Analysis Park boundary Dark Night Skies

Land Category **BLM** land Not under PEIS evaluation Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.



by Esri, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Mount Rainier National Park



20230915

Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and 4. Wildlife circadian rhythms and Area of Analysis Park boundary Dark Night Skies Land Category **BLM** land Not under PEIS evaluation Other DOI land Other federal land **DRECP not under PEIS** evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

30 Miles



Dark Night Skies - Muir Woods National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Natural Bridges National Monument





NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

Resource: Dark Night Skies

1. Recreational stargazing 2. Wilderness character 3. Historic property setting and 4. Wildlife circadian rhythms and Area of Analysis Park boundary Dark Night Skies

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.



Dark Night Skies - Navajo National Monument





Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and feeling 4. Wildlife circadian rhythms and foraging Area of Analysis

🗗 Park boundary

Dark Night Skies

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

P DRECP not under PEIS evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.



by Esri, Esri, CGIAR, USGS

Dark Night Skies - Nez Perce National Historical Park



20230915



Garmin, FAO, NOAA, USGS, EPA, Esri, USGS

100 Miles

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - North Cascades NP & Lake Chelan and Ross Lake NRA



20230915



Dark Night Skies - Olympic National Park



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Oregon Caves National Monument and Preserve





Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and feeling 4. Wildlife circadian rhythms and foraging



Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

N 0 20 Miles

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Organ Pipe Cactus National Monument





20230915

Dark Night Skies - Grand Canyon - Parashant National Monument



30 Miles

20230915



Dark Night Skies - Pecos National Historical Park



20230915

Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and 4. Wildlife circadian rhythms and Area of Analysis Park boundary Dark Night Skies Land Category BLM land Not under PEIS evaluation Other DOI land Other federal land **DRECP not under PEIS** evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.



Dark Night Skies - Petrified Forest National Park



Dark Night Skies - Petroglyph National Monument



20230915

15 Miles

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Hohokam Pima National Monument





15 Miles

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Pinnacles National Park





Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and feeling 4. Wildlife circadian rhythms and foraging Area of Analysis 🗗 Park boundary Dark Night Skies Land Category BLM land Not under PEIS evaluation Other DOI land Other federal land **DRECP not under PEIS** evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

N 0 15 Miles



King City

California State Parks, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS,

Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps

contributors, Map layer by Esri, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Pipe Spring National Monument



20230915

Potential impacts to: feeling foraging and o

> Esni, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

anab Creek

Resource: Dark Night Skies

1. Recreational stargazing 2. Wilderness character 3. Historic property setting and 4. Wildlife circadian rhythms and Area of Analysis 👎 Park boundary Dark Night Skies

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

N

15 Miles

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Port Chicago Naval Magazine National Memorial



Dark Night Skies - Point Reyes National Seashore





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Rainbow Bridge National Monument

Glen Can

Scorpion Wilderness Study Area

Burning Hills Wilderness Study Area



20230915

Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and feeling 4. Wildlife circadian rhythms and foraging

Area of Analysis
Park boundary
Dark Night Skies
Land Category
BLM land
Not under PEIS evaluation
Other DOI land
Other federal land
DRECP not under PEIS evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

N

Utah Geospatial Resource Center, Esri, HERE, Garmin, SafeGraph, FAO, METI/ NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS



Dark Night Skies - Redwood National Park



20230915

Dark Night Skies - Rocky Mountain National Park



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Rosie the Riveter/World War II Home Front National



20230915

Resource: Dark Night Skies

Area of Analysis

Park boundary

BLM land

evaluation

Dark Night Skies

Other DOI land

Other federal land

Not under PEIS evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

15 Miles

DRECP not under PEIS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - San Francisco Maritime National Historical Park



20230915

Other federal land

DRECP not under PEIS evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

15 Miles

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Saguaro National Park





Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and feeling 4. Wildlife circadian rhythms and foraging Area of Analysis Park boundary Dark Night Skies Land Category BLM land Not under PEIS evaluation Other DOI land Other federal land **DRECP** not under PEIS evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

N 0 25 Miles



CONANP, Esri, HERE, Garmin, Foursquare, SafeGraphy M@, METI/NASA, USGS, Papereau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

Dark Night Skies - San Juan Island National Historical Park



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Santa Monica Mountains National Recreation Area





Dark Night Skies - Sand Creek Massacre National Historic Site





Dark Night Skies - Salinas Pueblo Missions National Monument





Dark Night Skies - Sequoia & Kings Canyon National Park





Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and feeling 4. Wildlife circadian rhythms and foraging Area of Analysis Park boundary Dark Night Skies Land Category **BLM** land Not under PEIS evaluation Other DOI land Other federal land DRECP not under PEIS evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.




Dark Night Skies - Sunset Crater Volcano National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Timpanogos Cave National Monument





Dark Night Skies - Tonto National Monument



20230915

Resource: Dark Night Skies

1. Recreational stargazing 2. Wilderness character 3. Historic property setting and feeling 4. Wildlife circadian rhythms and foraging Area of Analysis 🔁 Park boundary Dark Night Skies Land Category BLM land Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Tule Lake National Monument



20230915

Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing

2. Wilderness character

3. Historic property setting and feeling

4. Wildlife circadian rhythms and foraging

Area of Analysis Park boundary Dark Night Skies Land Category BLM land Not under PEIS evaluation Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.



contributors, Map layer by Esri, Esri, CGIAR, USGS

Dark Night Skies - Tumacacori National Historical Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Tule Springs Fossil Beds National Monument



20230915



Boulder City

Dark Night Skies - Tuzigoot National Monument





Dark Night Skies - Valles Caldera National Preserve





Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and 4. Wildlife circadian rhythms and Area of Analysis 🔁 Park boundary Dark Night Skies Land Category **BLM** land Not under PEIS evaluation Other DOI land Other federal land **DRECP not under PEIS** evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.



Dark Night Skies - Walnut Canyon National Monument



20230915

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Whiskeytown-Shasta-Trinity National Recreation Area

un.Shast

Recreati Area -

un-Shasta-Trin National Recreation rea - Trinity





Dark Night Skies

Land Category

N

feeling

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.

California State Parks, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

Whiskeytown-Shasta-Trinit Nationa

Area - Shasta

Redding

olly-Middle Vilderne

Trinity Alps

Dark Night Skies - Whitman Mission National Historic Site





Dark Night Skies - White Sands National Park



Dark Night Skies - Wupatki National Monument



Dark Night Skies - Yellowstone National Park

lackson

Gros Ventre





40 Miles

NPS

Dark Night Skies - Yosemite National Park



Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

20230915

Resource: Dark Night Skies

Potential impacts to: 1. Recreational stargazing 2. Wilderness character 3. Historic property setting and 4. Wildlife circadian rhythms and Area of Analysis 🔁 Park boundary Dark Night Skies BLM land Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: NPS Anthropogenic Light Ratio. Duriscoe, D. M., Anderson, S. J., Luginbuhl, C. B., & Baugh, K. E. (2018). A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 214, 133-145.



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Dark Night Skies - Yucca House National Monument





Shiprock / Naat'áanii

Fossil Area

Dark Night Skies - Zion National Park



Points of Entry - Amache National Historic Site



Coal Canyor

Vildernese

ume Canyo Wilderness Study Area

Points of Entry - Arches National Park

Floy Canyor

Study Area

Canyor

tudy Are

Resource: Public Access

Potential impacts to:

McInnis Canyons National

Area

Color

1. Road and trail entry and exits to parks

2. Emergency vehicle responsiveness

3. Recreational experience

4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Land Category

N

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

Esri, NASA, NGA, USGS, Utah Geospatial Resource Center, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri



20230915

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Aztec Ruins National Monument





Points of Entry - Bandelier National Monument





Points of Entry - Bent's Old Fort National Historic Site





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Bighorn Canyon National Recreation Area





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Big Hole National Battlefield



20230915



Resource: Public Access

Potential impacts to:

- 1. Road and trail entry and exits to
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Black Canyon of the Gunnison National Park





Laby Esri, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Bryce Canyon National Park





Resource: Public Access

Potential impacts to:

- 1. Road and trail entry and exits to parks
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

Grand aircase-Escalante National Monument

N

Death Ridge

Wilderness Study Area

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

Utah Geospatial Resource Center, Esri, HERE, Garmin, SafeGraph, FAO, METI/ NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

aria-Hackberr Wilderness

tudy Are

Points of Entry - Cabrillo National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Canyon de Chelly National Monument,



20230915



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Casa Grande Ruins National Monument

Tan Volley

Queen Cree

Mesa

Chandler

Sun Lakes

Gila River

Indian Community / Keli Akimel O'otham / Pee-Posh Gilbert





Resource: Public Access

Potential impacts to:

- 1. Road and trail entry and exits to parks
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character



Other federal land

N

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Castle Mountains National Monument





Resource: Public Access

Potential impacts to:

- 1. Road and trail entry and exits to parks
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Land Category

Bullhead City

Mohave Valle

N

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

California State Parks, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

Dead Mountains Wildernes

Points of Entry - Canyonlands National Park



NATIONAL PARK SERVICE

20230915

Resource: Public Access

Potential impacts to:

- 1. Road and trail entry and exits to parks
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Capitol Reef National Park



20230915

Points of Entry - Carlsbad Caverns National Park



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Capulin Volcano National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Cedar Breaks National Monument





Potential impacts to:

- 1. Road and trail entry and exits to parks
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character



Park boundary

Points of Entry

Land Category

N

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

Utah Geospatial Resource Center, Esri, HERE, Garmin, SafeGraph, FAO, METI/ NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Parunuweap Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - César E. Chávez National Monument

Hungry Valley




Points of Entry - Chaco Culture National Historical Park





Potential impacts to:

- 1. Road and trail entry and exits to parks
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS, New Mexico State University, Esri, HERE, Garmin, SafeGraph, FAO, METI/ NASA, USGS, Bureau of Land Management, EPA, NPS

esa Wild



1997 or 19 30

Points of Entry - Chiricahua National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Channel Islands National Park



40 Miles

by Esri, Esri, CGIAR, USGS

California State Parks, Esri, HERE, Garmin, FAO, NOAA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer

Points of Entry - City of Rocks National Reserve





Potential impacts to:

- 1. Road and trail entry and exits to parks
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

N 0 15 Miles

Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Colorado National Monument





Sierra Vista

San Pedro

Riparian

nservatio

Area

Points of Entry - Coronado National Memorial

Las Cienega

National



Resource: Public Access

Potential impacts to:

- 1. Road and trail entry and exits to parks
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character



Park boundary

Points of Entry

Land Category

N

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

CONANP, Esri, HERE, Garmin, Foursquare, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS



Sky Lakes

Points of Entry - Crater Lake National Park



U.S. Census Bureau (USCB) Transportation

dataset, date accessed 5/25/2023.

N

Oregon State Parks, State of Oregon GEO, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bultau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

Marsh Nationa Wildlife Gilchrist Sta

Forest

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Craters of the Moon National Monument & Preserve



30 Miles



Esri, HERE, Garnain, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esrio Esri, CGIAR, USGS

N

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Curecanti National Recreation Area



25 Miles



Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Contributors, Map layer Foresby Esri, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Devils Postpile National Monument



Dinkey Lakes

15 Miles

20230915

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Devils Tower National Monument





Resource: Public Access

Potential impacts to:

- 1. Road and trail entry and exits to parks
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.



Montana State Library, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

Points of Entry - Death Valley National Park



NATIONAL PARK STRUCE

Points of Entry - Dinosaur National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Ebey's Landing National Historical Reserve





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - El Malpais National Monument



20 Miles



Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by the series of the series

N

Points of Entry - El Morro National Monument



by Esri, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Eugene O'Neill National Historic Site

San Pable

Bay National Wildlife

Refuge

Richmond

Burlingame San Mateo

San Pablo Bay

San Francisco

South San Francisco

San Franci

Penins

Half Moon Ba

Daly City

San Pablo Bay Wildlife Vallejo

Berkeley

Oakland

City

Redwood City

Atherton

Palo Alto

A1

Mountain View

Santa Clara

Pinole Valley





N

San Francisco Revige Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsofti Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map data © Contributors, Map data © Sunnyvale

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Florissant Fossil Beds National Monument

Lake Georg

Pike Nation





Resource: Public Access

Potential impacts to:

- 1. Road and trail entry and exits to parks
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character



Park boundary

Points of Entry

Land Category

Colorado Springs

Fort Carson

USGS

N

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

County of Teller, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, Canon Cit



Points of Entry - Fort Bowie National Historic Site





20230915

Resource: Public Access

Potential impacts to:

- 1. Road and trail entry and exits to
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Fossil Butte National Monument

ear Lake





Resource: Public Access

Potential impacts to:

La Bar

1. Road and trail entry and exits to parks

2. Emergency vehicle responsiveness

- 3. Recreational experience
- 4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Lincoln County, WY, Utah Geospatial Resource Center, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS

vma



Points of Entry - Fort Laramie National Historic Site



Points of Entry - Fort Point National Historic Site

Point Rey

Phillip Burton

20230915 Fairfield **Resource: Public Access** Petalur Potential impacts to: 1. Road and trail entry and exits to parks San Pablo 2. Emergency vehicle responsiveness Bay Nationa Nildlife Vallejo 3. Recreational experience 4. Viewshed and landscape character San Pable Bay Wildli San Pablo Ba Ocean Area of Analysis Carquinez Strai Martin Park boundary Concord San Rafael Points of Entry Richmond Pinole Valley Corte N Land Category Berkeley **BLM** land Not under PEIS evaluation Oakland Other DOI land San Francisco Other federal land **DRECP not under PEIS** Daly City evaluation Hayward South S Francis Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation Union City dataset, date accessed 5/25/2023. Burlingame Mateo San Francis Peninsula r Cib Fremon Redwood City Don Edwa San Franci Atherton Palo Alto **Bay Natio** California State Parks, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS Bureau of Land Management, EPA, NRS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps N

contributors, Map layer by Esri, Esri, CGIAR, USGS

Points of Entry - Fort Union National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Fort Vancouver National Historic Site





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Gila Cliff Dwellings National Monument

Silver City





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Glacier National Park





Points of Entry - Glen Canyon National Recreation Area





Points of Entry - Golden Gate National Recreation Area



20230915

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Golden Spike National Historical Park





Resource: Public Access

Potential impacts to:

1. Road and trail entry and exits to parks

2. Emergency vehicle responsiveness

3. Recreational experience

4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Land Category

North Ooder

Ogden South Ogden

N

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

"Utah Geospatial Resource Center, Esri, HERE, Garmin, SafeGraph, FAO, MEDF NASA, USGS, Bureau of Land Management, EPA, พPSpiklap data © OpenStreetMap contributors, Microsoft, Facebook, Inc. anglitics affiliates for Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

Rear Rive

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Great Basin National Park





Points of Entry - Grand Canyon National Park





Resource: Public Access

Potential impacts to: 1. Road and trail entry and exits to parks

- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

evaluation

DRECP not under PEIS

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Grant-Kohrs Ranch National Historic Site





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Great Sand Dunes National Park & Preserve





San Luis

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Grand Teton National Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Hagerman Fossil Beds National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Hovenweep National Monument




NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Hubbell Trading Post National Historic Site

Chinle / Ch'inili





Resource: Public Access

Potential impacts to:

- 1. Road and trail entry and exits to parks
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Land Category

Fort Def

N

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - John Day Fossil Beds National Monument

Ochoc





Potential impacts to:

- 1. Road and trail entry and exits to parks
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Land Category

N

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

Oregon State Parks, State of Oregon GEO, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - John D. Rockefeller, Jr., Memorial Parkway





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - John Muir National Historic Site



Points of Entry - Joshua Tree National Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Lava Beds National Monument



20 Miles



contributors, Map layer by Esri, Esri, CGIAR, USGS

Points of Entry - Lake Mead National Recreation Area





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Lake Roosevelt National Recreation Area





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Lassen Volcanic National Park





Points of Entry - Lewis and Clark National Historical Park







NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Little Bighorn Battlefield National Monument



15 Miles



Montana State Library, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

Points of Entry - Manzanar National Historic Site



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry -





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry -





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Mesa Verde National Park





Resource: Public Access

Potential impacts to:

- 1. Road and trail entry and exits to parks
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

USGS N 15 Miles



Points of Entry - Minidoka National Historic Site



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Montezuma Castle National Monument





Points of Entry - Mojave National Preserve





Resource: Public Access

Potential impacts to:

1. Road and trail entry and exits to parks

2. Emergency vehicle responsiveness

3. Recreational experience

4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

N 35 Miles

Points of Entry - Mount Rainier National Park



Nationel, new construction 20230915

202309

Resource: Public Access

Potential impacts to:

- 1. Road and trail entry and exits to parks
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Muir Woods National Monument







NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Natural Bridges National Monument

none Mess Wilderness Study Area





- 4. Viewshed and landscape character

U.S. Census Bureau (USCB) Transportation

15 Miles

N

Utah Geospatial Resource Center, Esri, HERE, Garmin, SafeGraph, FAO, METI/ NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Navajo National Monument





Points of Entry - Nez Perce National Historical Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - North Cascades NP & Lake Chelan and Ross Lake NRA



Points of Entry - Olympic National Park



20230915

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Oregon Caves National Monument and Preserve





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Organ Pipe Cactus National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Grand Canyon - Parashant National Monument





Resource: Public Access Potential impacts to: St. Geo 1. Road and trail entry and exits to Beaver Da Vash Natio parks 2. Emergency vehicle responsiveness 3. Recreational experience Band o 4. Viewshed and landscape character dians Park boundary Gold Butte Tribe / Hwalbáy Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land N Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

Points of Entry Land Category **BLM** land Not under PEIS evaluation Other DOI land Other federal land **DRECP not under PEIS** evaluation Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

Area of Analysis



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Pecos National Historical Park

Españo

Santa Clara Pueblo / Kha'p'oe

os Alamos





Resource: Public Access

Potential impacts to:

- 1. Road and trail entry and exits to parks
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.



Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS, New Mexico State University, Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS

Points of Entry - Petrified Forest National Park



Points of Entry - Petroglyph National Monument



15 Miles

20230915

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Hohokam Pima National Monument

Paradise Valle

hoenix





Potential impacts to:

- 1. Road and trail entry and exits to parks
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Land Category

N

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

Esri, HERE, Garmin, SafeGraph, FAQ, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer Dy Esrie Esri, CGIAR, USGS

Yavapa

Nation A'ba:ja

Central A

Out

n Tan Val

Salt River

/ Onl

Gilbe

Mesa

Chandler

Sun Lakes

Gila Riv

Indian Community / Keli Akime O'otham /

Pee-Post

Ak-Chin

Indian

Akī Cin

//

Desert

Vationa

Surprise

Avondale

Sun City

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Pinnacles National Park



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Pipe Spring National Monument



20230915

Resource: Public Access

Potential impacts to:

- 1. Road and trail entry and exits to parks
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Land Category

N

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

anab Creek

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Port Chicago Naval Magazine National Memorial



Points of Entry - Point Reyes National Seashore


NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Rainbow Bridge National Monument

Slen Canyo

Scorpior

Wilderness Study Area

rning Hills

Study Area





Potential impacts to:

- 1. Road and trail entry and exits to parks
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Land Category

N

BLM land

³ Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

Utah Geospatial Resource Center, Esri, HERE, Garmin, SafeGraph, FAO, METI/ NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Redwood National Park



25 Miles



California State Parks, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Rocky Mountain National Park

NATIONAL PARK PARK PARK



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Rosie the Riveter/World War II Home Front National



20230915

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - San Francisco Maritime National Historical Park



20230915

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Saguaro National Park

Panianio W

Santa Rita





Resource: Public Access

Potential impacts to:

- 1. Road and trail entry and exits to parks
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character



Points of Entry

Land Category

N

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

CONANP, Esri, HERE, Garmin, Foursquare, SafeGratin, M. METI/NASA, USGS, Porteau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

San Pedro

Points of Entry - San Juan Island National Historical Park



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Santa Monica Mountains National Recreation Area





Points of Entry - Sand Creek Massacre National Historic Site



Points of Entry - Salinas Pueblo Missions National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Sequoia & Kings Canyon National Park





Resource: Public Access

Potential impacts to:

- 1. Road and trail entry and exits to parks
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character

Area of Analysis

Points of Entry

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

N 0 30 Miles



Points of Entry - Sunset Crater Volcano National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Timpanogos Cave National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Tonto National Monument





2. Emergency vehicle responsiveness 3. Recreational experience

Potential impacts to:

parks

N

4. Viewshed and landscape character



Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Tule Lake National Monument



15 Miles

20230915



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Tumacacori National Historical Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Tule Springs Fossil Beds National Monument





Boulder City

Points of Entry - Tuzigoot National Monument

Prescott



20230915

Points of Entry - Valles Caldera National Preserve





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Walnut Canyon National Monument





Resource: Public Access Potential impacts to: 1. Road and trail entry and exits to parks 2. Emergency vehicle responsiveness 3. Recreational experience 4. Viewshed and landscape character Area of Analysis Park boundary Points of Entry Land Category **BLM** land Flagstaff Not under PEIS evaluation Other DOI land Other federal land **DRECP not under PEIS** evaluation Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023. Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its N affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS, County of Yavapai, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS 15 Miles

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Whiskeytown-Shasta-Trinity National Recreation Area





Points of Entry - Whitman Mission National Historic Site





Points of Entry - White Sands National Park



Points of Entry - Wupatki National Monument



Points of Entry - Yellowstone National Park

Lee Metcalf





Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS, Esri, HERE, Garmin, FAO, NOAA, USGS, Bureau of Land Management, EPA, NPS

1000

Gros Ventre

NPS

N

Points of Entry - Yosemite National Park



AATIONAL PARK BRAVICE

20230915

Resource: Public Access

Potential impacts to:

1. Road and trail entry and exits to parks

2. Emergency vehicle responsiveness

3. Recreational experience

4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Yucca House National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Points of Entry - Zion National Park





Resource: Public Access

Potential impacts to:

- 1. Road and trail entry and exits to parks
- 2. Emergency vehicle responsiveness
- 3. Recreational experience
- 4. Viewshed and landscape character

Area of Analysis

Park boundary

Points of Entry

Land Category

N

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: National Park Service Public Trail Centerlines, date accessed 5/25/2023. U.S. Census Bureau (USCB) Transportation dataset, date accessed 5/25/2023.

Utah Geospatial Resource Center, Esri, HERE, Garmin, SafeGraph, FAO, METI/ NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS



Upstream Watershed - Amache National Historic Site



Upstream Watershed - Arches National Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Aztec Ruins National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Bandelier National Monument





Upstream Watershed - Bent's Old Fort National Historic Site



Upstream Watershed - Bighorn Canyon National Recreation Area





Upstream Watershed - Big Hole National Battlefield



20230915

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Black Canyon of the Gunnison National Park



15 Miles

20230915


Upstream Watershed - Bryce Canyon National Park





Upstream Watershed - Cabrillo National Monument



Upstream Watershed - Canyon de Chelly National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Casa Grande Ruins National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Castle Mountains National Monument





Upstream Watershed - Canyonlands National Park



National Stavice

20230915

25 Miles

Upstream Watershed - Capitol Reef National Park



Upstream Watershed - Carlsbad Caverns National Park



Upstream Watershed - Capulin Volcano National Monument





Upstream Watershed - Cedar Breaks National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - César E. Chávez National Monument



20230915



Upstream Watershed - Chaco Culture National Historical Park





Upstream Watershed - Chiricahua National Monument



Upstream Watershed - Channel Islands National Park

Santa Ma



40 Miles

California State Parks, Esri, HERE, Garmin, FAO, NOAA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

Upstream Watershed - City of Rocks National Reserve





Upstream Watershed - Colorado National Monument



20230915

Upstream Watershed - Coronado National Memorial



CONANP, Esri, HERE, Garmin, Foursquare, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS <u>Resources:</u> Ground and surface waters

Potential impacts to:

- 1. Water quality
- 2. Water quantity
- 3. Hydrology
- 4. Riparian communities



Data Source: NHDPlus HR

N



Upstream Watershed - Crater Lake National Park





20230915

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Craters of the Moon National Monument & Preserve



30 Miles



by Esri, Esri, CGIAR, USGS

Upstream Watershed - Curecanti National Recreation Area





Upstream Watershed - Devils Postpile National Monument



20230915

Upstream Watershed - Devils Tower National Monument



15 Miles



Montana State Library, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

Upstream Watershed - Death Valley National Park



NATIONAL PARK SERVICE

Upstream Watershed - Dinosaur National Monument



NATIONAL FARS

20230915

Upstream Watershed - Ebey's Landing National Historical Reserve





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - El Malpais National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - El Morro National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Eugene O'Neill National Historic Site





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Florissant Fossil Beds National Monument





Upstream Watershed - Fort Bowie National Historic Site



20230915

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Fossil Butte National Monument





Lymai

Upstream Watershed - Fort Laramie National Historic Site



Upstream Watershed - Fort Point National Historic Site



Upstream Watershed - Fort Union National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Fort Vancouver National Historic Site





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Gila Cliff Dwellings National Monument




Pilkani Pilkan

Upstream Watershed - Glacier National Park

Kalisnel



N

Map data © OpenStreetMap contribut⁰⁷⁵, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS, Esri, HERE, Garmin, FAO, NOAA, USGS, Bureau of Land Management, EPA, NPS

Kalna

40 Miles

Upstream Watershed - Glen Canyon National Recreation Area



Upstream Watershed - Golden Gate National Recreation Area



20230915

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Golden Spike National Historical Park





Upstream Watershed - Great Basin National Park





Upstream Watershed - Grand Canyon National Park





Resources: Ground and surface waters

1. Water quality 2. Water quantity 3. Hydrology 4. Riparian communities Area of Analysis Park boundary Upstream Watershed Land Category BLM land Not under PEIS evaluation Other DOI land Other federal land **DRECP** not under PEIS evaluation

Data Source: NHDPlus HR

55 Miles

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Grant-Kohrs Ranch National Historic Site





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Great Sand Dunes National Park & Preserve





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Grand Teton National Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Hagerman Fossil Beds National Monument



20230915



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Hovenweep National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Hubbell Trading Post National Historic Site





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - John Day Fossil Beds National Monument



30 Miles



Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - John D. Rockefeller, Jr., Memorial Parkway





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - John Muir National Historic Site





Upstream Watershed - Joshua Tree National Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Lava Beds National Monument





20 Miles

Upstream Watershed - Lake Mead National Recreation Area





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Lake Roosevelt National Recreation Area





Upstream Watershed - Lassen Volcanic National Park





20230915

Upstream Watershed - Lewis and Clark National Historical Park

Ocean Par

Long Beac

D



Data Source: NHDPlus HR

N

latsop Stat

Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS, Oregon State Parks, State of Oregon GE@FWA State Parks GIS, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Little Bighorn Battlefield National Monument



15 Miles



Montana State Library, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

N

Upstream Watershed - Manzanar National Historic Site



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed -





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed -





Upstream Watershed - Mesa Verde National Park



20230915

Upstream Watershed - Minidoka National Historic Site





Upstream Watershed - Montezuma Castle National Monument



20230915

Upstream Watershed - Mojave National Preserve



35 Miles

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Mount Rainier National Park



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Muir Woods National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Natural Bridges National Monument





Upstream Watershed - Navajo National Monument



20230915



Upstream Watershed - Nez Perce National Historical Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - North Cascades NP & Lake Chelan and Ross Lake NRA



20230915



Upstream Watershed - Olympic National Park

Port Albern



Land Management, EPA, NPS
NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Oregon Caves National Monument and Preserve



20230915



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Organ Pipe Cactus National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Grand Canyon - Parashant National Monument



20230915



Resources: Ground and surface

Potential impacts to: 1. Water quality 2. Water quantity 4. Riparian communities Area of Analysis

Upstream Watershed

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: NHDPlus HR

30 Miles

Upstream Watershed - Pecos National Historical Park



²⁰²³⁰⁹¹⁵

Upstream Watershed - Petrified Forest National Park





Upstream Watershed - Petroglyph National Monument



20230915

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Hohokam Pima National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Pinnacles National Park



15 Miles



S. Army

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Pipe Spring National Monument

and o





N

Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

15 Miles

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Port Chicago Naval Magazine National Memorial



NATIONAL PARK PARK PARK PARK PARK

Upstream Watershed - Point Reyes National Seashore



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Rainbow Bridge National Monument

Glen Can

Scorpion Wilderness Study Area

Burning Hills

Study Area





N

Utah Geospatial Resource Center, Esri, HERE, Garmin, SafeGraph, FAO, METI/ NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

15 Miles

Upstream Watershed - Redwood National Park



Upstream Watershed - Rocky Mountain National Park



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Rosie the Riveter/World War II Home Front National



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - San Francisco Maritime National Historical Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Saguaro National Park





Upstream Watershed - San Juan Island National Historical Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Santa Monica Mountains National Recreation Area

20230915 Edwards Force Ba Resources: Ground and surface waters Potential impacts to: 1. Water quality **Dick Smil** 2. Water quantity 3. Hydrology Quartz Hill LakeLo 4. Riparian communities espe Condo Area of Analysis Park boundary anta Clarita Upstream Watershed Land Category BLM land Not under PEIS evaluation Other DOI land El Monte West Covi Los Angeles Other federal land **DRECP** not under PEIS Down evaluation El Segu Complo Fullerton Torrance Carson Data Source: NHDPlus HR Long Beach Rancho Pal Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its N affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS, County of Los Angeles, California State Parks, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS 25 Miles

Upstream Watershed - Sand Creek Massacre National Historic Site





Upstream Watershed - Salinas Pueblo Missions National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Sequoia & Kings Canyon National Park





Upstream Watershed - Sunset Crater Volcano National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Timpanogos Cave National Monument





Upstream Watershed - Tonto National Monument



20230915

15 Miles

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Tule Lake National Monument





Upstream Watershed - Tumacacori National Historical Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Tule Springs Fossil Beds National Monument





Upstream Watershed - Tuzigoot National Monument





20230915

Resources: Ground and surface

Potential impacts to:

- 1. Water quality
- 2. Water quantity
- 3. Hydrology
- 4. Riparian communities

Area of Analysis Park boundary Upstream Watershed Land Category BLM land Not under PEIS evaluation Other DOI land Other federal land **DRECP** not under PEIS evaluation

Data Source: NHDPlus HR

15 Miles

Upstream Watershed - Valles Caldera National Preserve





Upstream Watershed - Walnut Canyon National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Whiskeytown-Shasta-Trinity National Recreation Area



20 Miles



contributors, Map layer by Esri, Esri, CGIAR, USGS

Upstream Watershed - Whitman Mission National Historic Site





Upstream Watershed - White Sands National Park



Upstream Watershed - Wupatki National Monument



Upstream Watershed - Yellowstone National Park

Jackson

Gros Ventre



40 Miles


Upstream Watershed - Yosemite National Park



20230915

<u>Resources:</u> Ground and surface waters

Potential impacts to:

- 1. Water quality
- 2. Water quantity
- 3. Hydrology

N

4. Riparian communities

Area of Analysis
Park boundary
Upstream Watershed
Land Category
BLM land
Not under PEIS evaluation
Other DOI land
Other federal land
DRECP not under PEIS evaluation
DRECP not under PEIS evaluation

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Upstream Watershed - Yucca House National Monument





Upstream Watershed - Zion National Park



Wind Erodibility - Amache National Historic Site



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Arches National Park





Resource: Air Quality Potential impacts to: 1. Human health 2. Viewshed clarity 3. Nutrient availability 4. Photosynthesis Area of Analysis Park boundary Highly wind erodible soils Land Category **BLM** land Not under PEIS evaluation Other DOI land Other federal land **DRECP not under PEIS** evaluation Data Source: NRCS STATSGO Soil Data. The NRCS classifies the sensitivity of soils to wind erosion based on the properties of the soil surface layer. There is a close correlation between soil blowing and the size and durability of surface cloudiness, fragments, organic matter, and the calcareous reaction. (NSSH, part 618.72). The most sensitive soils are Wind Erodibility Groups 1 (NSSH, part 618.16, revised March 2008). Ν Utah Geospatial Resource Center, Esri, HERE, Garmin, SafeGraph, FAO, METI/ NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Aztec Ruins National Monument



20230915



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Bandelier National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Bent's Old Fort National Historic Site



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Bighorn Canyon National Recreation Area





ontana State Library, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Big Hole National Battlefield



20230915



Resource: Air Quality

Potential impacts to:

1. Human health

2. Viewshed clarity

3. Nutrient availability

4. Photosynthesis

Area of Analysis

👎 Park boundary

Highly wind erodible soils

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: NRCS STATSGO Soil Data. The NRCS classifies the sensitivity of soils to wind erosion based on the properties of the soil surface layer. There is a close correlation between soil blowing and the size and durability of surface cloudiness, fragments, organic matter, and the calcareous reaction. (NSSH, part 618.72). The most sensitive soils are Wind Erodibility Groups 1 (NSSH, part 618.16, revised March 2008).

N 0 15 Miles

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Black Canyon of the Gunnison National Park



20230915



Management, EPA, NPS, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Bryce Canyon National Park



20230915



Wind Erodibility - Cabrillo National Monument





Wind Erodibility - Canyon de Chelly National Monument





Management, EPA, NPS, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Casa Grande Ruins National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Castle Mountains National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Canyonlands National Park







NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Capitol Reef National Park





NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS

Wind Erodibility - Carlsbad Caverns National Park



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Capulin Volcano National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Cedar Breaks National Monument



20230915



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - César E. Chávez National Monument



20230915



Wind Erodibility - Chaco Culture National Historical Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Chiricahua National Monument





Resource: Air Quality Potential impacts to: 1. Human health 2. Viewshed clarity 3. Nutrient availability 4. Photosynthesis Area of Analysis Park boundary Highly wind erodible soils Land Category **BLM** land Not under PEIS evaluation Other DOI land Other federal land **DRECP** not under PEIS evaluation Data Source: NRCS STATSGO Soil Data. The NRCS classifies the sensitivity of soils to wind erosion based on the properties of the soil surface layer. There is a close correlation between soil blowing and the size and durability of surface cloudiness, fragments, organic matter, and the calcareous reaction. (NSSH, part 618.72). The most sensitive soils are Wind Erodibility Groups 1 (NSSH, part 618.16, revised March 2008).

CONANP, Esri, HERE, Garmin, Foursquare, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Channel Islands National Park





Wind Erodibility - City of Rocks National Reserve





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Colorado National Monument



20230915



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Coronado National Memorial





Wind Erodibility - Crater Lake National Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Craters of the Moon National Monument & Preserve



20230915



Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Curecanti National Recreation Area





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Devils Postpile National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Devils Tower National Monument





EPA, NPS, Esri, CGIAR, USGS



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Death Valley National Park



Management, EPA, NPS, Esri, CGIAR, USGS

45 Miles

20230915

Wind Erodibility - Dinosaur National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Ebey's Landing National Historical Reserve




NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - El Malpais National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - El Morro National Monument



20230915

Resource: Air Quality

Potential impacts to:

1. Human health

2. Viewshed clarity

3. Nutrient availability

4. Photosynthesis

Area of Analysis

👎 Park boundary

Highly wind erodible soils

Land Category

N

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: NRCS STATSGO Soil Data. The NRCS classifies the sensitivity of soils to wind erosion based on the properties of the soil surface layer. There is a close correlation between soil blowing and the size and durability of surface cloudiness, fragments, organic matter, and the calcareous reaction. (NSSH, part 618.72). The most sensitive soils are Wind Erodibility Groups 1 (NSSH, part 618.16, revised March 2008).

Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Eugene O'Neill National Historic Site



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Florissant Fossil Beds National Monument





NPS, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Fort Bowie National Historic Site





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Fossil Butte National Monument





Resource: Air Quality

Potential impacts to:

1. Human health

2. Viewshed clarity

3. Nutrient availability

4. Photosynthesis

Area of Analysis

👎 Park boundary

Highly wind erodible soils

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: NRCS STATSGO Soil Data. The NRCS classifies the sensitivity of soils to wind erosion based on the properties of the soil surface layer. There is a close correlation between soil blowing and the size and durability of surface cloudiness, fragments, organic matter, and the calcareous reaction. (NSSH, part 618.72). The most sensitive soils are Wind Erodibility Groups 1 (NSSH, part 618.16, revised March 2008).

Lincoln County, WY, Utah Geospatial Resource Center, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS

0 15 Miles

N

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023

Wind Erodibility - Fort Laramie National Historic Site



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Fort Point National Historic Site





California State Parks, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023

Wind Erodibility - Fort Union National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Fort Vancouver National Historic Site





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Gila Cliff Dwellings National Monument





15 Miles

Resource: Air Quality Potential impacts to: 1. Human health 2. Viewshed clarity 3. Nutrient availability 4. Photosynthesis Area of Analysis Park boundary Highly wind erodible soils Land Category **BLM** land Not under PEIS evaluation Other DOI land Other federal land **DRECP** not under PEIS evaluation Data Source: NRCS STATSGO Soil Data. The NRCS classifies the sensitivity of soils to wind erosion based on the properties of the soil surface layer. There is a close correlation between soil blowing and the size and durability of surface cloudiness, fragments, organic matter, and the calcareous reaction. (NSSH, part 618.72). The most sensitive soils are Wind Erodibility Groups 1 (NSSH, part 618.16, revised March 2008). Esri, CGIAR, USGS, New Mexico State University, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Glacier National Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Glen Canyon National Recreation Area



3. Nutrient availability 4. Photosynthesis Area of Analysis Park boundary Highly wind erodible soils Land Category **BLM** land Not under PEIS evaluation Other DOI land Other federal land **DRECP not under PEIS** evaluation

Data Source: NRCS STATSGO Soil Data. The NRCS classifies the sensitivity of soils to wind erosion based on the properties of the soil surface layer. There is a close correlation between soil blowing and the size and durability of surface cloudiness, fragments, organic matter, and the calcareous reaction. (NSSH, part 618.72). The most sensitive soils are Wind Erodibility Groups 1 (NSSH, part 618.16, revised March 2008).





20230915

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Golden Gate National Recreation Area





SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Golden Spike National Historical Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Great Basin National Park





Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Grand Canyon National Park



20230915



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Grant-Kohrs Ranch National Historic Site



20230915



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Great Sand Dunes National Park & Preserve



20230915



Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: NRCS STATSGO Soil Data. The NRCS classifies the sensitivity of soils to wind erosion based on the properties of the soil surface layer. There is a close correlation between soil blowing and the size and durability of surface cloudiness, fragments, organic matter, and the calcareous reaction. (NSSH, part 618.72). The most sensitive soils are Wind Erodibility Groups 1 (NSSH, part 618.16, revised March 2008).

Esri, CGIAR, USGS, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Grand Teton National Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Hagerman Fossil Beds National Monument





Management, EPA, NPS, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Hovenweep National Monument



20230915



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Hubbell Trading Post National Historic Site





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - John Day Fossil Beds National Monument





METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - John D. Rockefeller, Jr., Memorial Parkway





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - John Muir National Historic Site





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023

Wind Erodibility - Joshua Tree National Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Lava Beds National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023

Wind Erodibility - Lake Mead National Recreation Area





20230915

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Lake Roosevelt National Recreation Area



20230915



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Lassen Volcanic National Park





Ν

alifornia State Parks, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023

Wind Erodibility - Lewis and Clark National Historical Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Little Bighorn Battlefield National Monument





Montana State Library, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS

15 Miles

N

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Manzanar National Historic Site





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility -





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility -



20230915



SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS
NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Mesa Verde National Park



20230915



Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS



Wind Erodibility - Minidoka National Historic Site



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Montezuma Castle National Monument





NASA, USGS, Bureau of Land Management, EPA, NPS

Wind Erodibility - Mojave National Preserve





Ν

⊐ 35 Miles

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Mount Rainier National Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Muir Woods National Monument



20230915



Esri, CGIAR, USGS, County of Marin, California State Parks, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Natural Bridges National Monument





Resource: Air Quality

Potential impacts to:

1. Human health

2. Viewshed clarity

3. Nutrient availability

4. Photosynthesis



Park boundary

Highly wind erodible soils

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: NRCS STATSGO Soil Data. The NRCS classifies the sensitivity of soils to wind erosion based on the properties of the soil surface layer. There is a close correlation between soil blowing and the size and durability of surface cloudiness, fragments, organic matter, and the calcareous reaction. (NSSH, part 618.72). The most sensitive soils are Wind Erodibility Groups 1 (NSSH, part 618.16, revised March 2008).

N 0 15 Miles

Utah Geospatial Resource Center, Esri, HERE, Garmin, SafeGraph, FAO, METI/ NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Navajo National Monument







NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Nez Perce National Historical Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - North Cascades NP & Lake Chelan and Ross Lake NRA



Wind Erodibility - Olympic National Park



20230915



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Oregon Caves National Monument and Preserve



20230915



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Organ Pipe Cactus National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Grand Canyon - Parashant National Monument





Resource: Air Quality

Potential impacts to:

1. Human health

2. Viewshed clarity

3. Nutrient availability

4. Photosynthesis

Area of Analysis

👎 Park boundary

Highly wind erodible soils

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: NRCS STATSGO Soil Data. The NRCS classifies the sensitivity of soils to wind erosion based on the properties of the soil surface layer. There is a close correlation between soil blowing and the size and durability of surface cloudiness, fragments, organic matter, and the calcareous reaction. (NSSH, part 618.72). The most sensitive soils are Wind Erodibility Groups 1 (NSSH, part 618.16, revised March 2008).

Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS

Wind Erodibility - Pecos National Historical Park





Wind Erodibility - Petrified Forest National Park



Wind Erodibility - Petroglyph National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Hohokam Pima National Monument





Management, EPA, NPS, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Pinnacles National Park







NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Pipe Spring National Monument



Resource: Air Quality

Area of Analysis

BLM land

evaluation

Other DOI land

Other federal land

DRECP not under PEIS

Highly wind erodible soils

Not under PEIS evaluation

20230915



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Port Chicago Naval Magazine National Memorial



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Point Reyes National Seashore





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Rainbow Bridge National Monument





NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Redwood National Park





Wind Erodibility - Rocky Mountain National Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Rosie the Riveter/World War II Home Front National

DES.





N

Esri, CGIAR, USGS, County of Marin, California State Parks, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - San Francisco Maritime National Historical Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Saguaro National Park







Wind Erodibility - San Juan Island National Historical Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Santa Monica Mountains National Recreation Area







Wind Erodibility - Sand Creek Massacre National Historic Site





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Salinas Pueblo Missions National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Sequoia & Kings Canyon National Park





Bureau of Land Management, EPA, NPS



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Sunset Crater Volcano National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Timpanogos Cave National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Tonto National Monument



20230915

Resource: Air Quality

Potential impacts to:

1. Human health

2. Viewshed clarity

3. Nutrient availability

4. Photosynthesis



📮 Park boundary

Highly wind erodible soils

Land Category

Ν

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: NRCS STATSGO Soil Data. The NRCS classifies the sensitivity of soils to wind erosion based on the properties of the soil surface layer. There is a close correlation between soil blowing and the size and durability of surface cloudiness, fragments, organic matter, and the calcareous reaction. (NSSH, part 618.72). The most sensitive soils are Wind Erodibility Groups 1 (NSSH, part 618.16, revised March 2008).

Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS
NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Tule Lake National Monument



20230915



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Tumacacori National Historical Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Tule Springs Fossil Beds National Monument





Wind Erodibility - Tuzigoot National Monument



20230915



Wind Erodibility - Valles Caldera National Preserve





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Walnut Canyon National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Whiskeytown-Shasta-Trinity National Recreation Area





Wind Erodibility - Whitman Mission National Historic Site





Wind Erodibility - White Sands National Park



Ν

New Mexico State University, Texas Parks & Wildlife, Esri, HERE, Garmin, Foursquare, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS

Wind Erodibility - Wupatki National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Yellowstone National Park





Management, EPA, NPS



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Yosemite National Park



20230915



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Yucca House National Monument



20230915



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Wind Erodibility - Zion National Park







Water Erodibility - Amache National Historic Site





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Aztec Ruins National Monument



20230622



Water Erodibility - Bandelier National Monument

Chama River

Canyon

Santa Fe Nationa

Pueblo /

Zia Pueblo

Santa Ana Pueblo /

Tamaya

Rio Rancho



Water Erodibility - Bent's Old Fort National Historic Site



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Bighorn Canyon National Recreation Area





Water Erodibility - Big Hole National Battlefield



20230622

Resource: Riparian ecosystem

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis

Park boundary

Highly water erodible soils within the upstream watershed

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Black Canyon of the Gunnison National Park





Water Erodibility - Bryce Canyon National Park





Water Erodibility - Cabrillo National Monument





Water Erodibility - Canyon de Chelly National Monument



20230622

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Casa Grande Ruins National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Castle Mountains National Monument





Water Erodibility - Canyonlands National Park



<u>Resource</u>: Riparian ecosystem functions

20230622

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis
Park boundary
Highly water erodible soils within the upstream watershed
Land Category
BLM land
Not under PEIS evaluation
Other DOI land
Other federal land
DRECP not under PEIS evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

Water Erodibility - Capitol Reef National Park



20230622

Water Erodibility - Carlsbad Caverns National Park





20230622

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Capulin Volcano National Monument



15 Miles



affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Cedar Breaks National Monument





Resource: Riparian ecosystem functions

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species



Highly water erodible soils within the upstream watershed

Land Category

N

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

Utah Geospatial Resource Center, Esri, HERE, Garmin, SafeGraph, FAO, METI/ NASA, USGS, Bureau of Land Management, EPA, NPS, Map data C OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS Canyon

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - César E. Chávez National Monument



20230622



Water Erodibility - Chaco Culture National Historical Park





Water Erodibility - Chiricahua National Monument



15 Miles

20230622

Water Erodibility - Channel Islands National Park



20230622

Resource: Riparian ecosystem

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis

Park boundary

Highly water erodible soils within the upstream watershed

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).
Water Erodibility - City of Rocks National Reserve





by Esri, Esri, CGIAR, USGS

Water Erodibility - Colorado National Monument



20230622

Resource: Riparian ecosystem

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis

Park boundary

Highly water erodible soils within the upstream watershed

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

Water Erodibility - Coronado National Memorial



CONANP, Esri, HERE, Garmin, Foursquare, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS <u>Resource</u>: Riparian ecosystem functions

20230622

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis
Park boundary
Highly water erodible soils within the upstream watershed
Land Category
BLM land
Not under PEIS evaluation
Other DOI land
Other federal land

DRECP not under PEIS evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

15 Miles

N

Water Erodibility - Crater Lake National Park



20230622

Resource: Riparian ecosystem functions

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis

Park boundary

Highly water erodible soils within the upstream watershed

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Craters of the Moon National Monument & Preserve





Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

30 Miles

N

Water Erodibility - Curecanti National Recreation Area



20230622

Resource: Riparian ecosystem

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis Park boundary Highly water erodible soils within the upstream watershed Land Category **BLM** land Not under PEIS evaluation Other DOI land Other federal land **DRECP not under PEIS** evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

Water Erodibility - Devils Postpile National Monument



20230622

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Devils Tower National Monument



15 Miles



Montana State Library, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

N

Water Erodibility - Death Valley National Park



20230622 Resource: Riparian ecosystem functions

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis
Park boundary
Highly water erodible soils within the upstream watershed
Land Category
BLM land
Not under PEIS evaluation
Other DOI land
Other federal land
DRECP not under PEIS evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

Water Erodibility - Dinosaur National Monument



NATIONAL PARK ELEVICE

20230622

<u>Resource:</u> Riparian ecosystem functions

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis

Park boundary

Highly water erodible soils within the upstream watershed

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

Water Erodibility - Ebey's Landing National Historical Reserve





Water Erodibility - El Malpais National Monument



20230622

Water Erodibility - El Morro National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Eugene O'Neill National Historic Site





Water Erodibility - Florissant Fossil Beds National Monument

st Creel



N

15 Miles

County of Teller, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, Carlon City USGS

Water Erodibility - Fort Bowie National Historic Site



20230622

Resource: Riparian ecosystem

- Potential impacts to:
- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis

Park boundary

Highly water erodible soils within the upstream watershed

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Fossil Butte National Monument

ear Lake





<u>Resource:</u> Riparian ecosystem functions

Potential impacts to:

La Bar

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis

Park boundary

Highly water erodible soils within the upstream watershed

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

15 Miles

Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Lincoln County, WY, Utah Geospatial Resource Center, Esri, HERE, Garmin, SafeGraph, EAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS



N

Water Erodibility - Fort Laramie National Historic Site



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Fort Point National Historic Site



20230622

Water Erodibility - Fort Union National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Fort Vancouver National Historic Site





Silver City

Water Erodibility - Gila Cliff Dwellings National Monument





Water Erodibility - Glacier National Park





Water Erodibility - Glen Canyon National Recreation Area



20230622

Water Erodibility - Golden Gate National Recreation Area



20230622

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Golden Spike National Historical Park





Water Erodibility - Great Basin National Park



Water Erodibility - Grand Canyon National Park





<u>Resource:</u> Riparian ecosystem functions

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis

Park boundary

Highly water erodible soils within the upstream watershed

Land Category

N

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Grant-Kohrs Ranch National Historic Site



15 Miles



SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS

Water Erodibility - Great Sand Dunes National Park & Preserve



20230622

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Grand Teton National Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Hagerman Fossil Beds National Monument





Water Erodibility - Hovenweep National Monument



20230622

Resource: Riparian ecosystem

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis

Park boundary

Highly water erodible soils within the upstream watershed

Land Category

BLM land

Not under PEIS evaluation

- Other DOI land
- Other federal land

DRECP not under PEIS evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

Water Erodibility - Hubbell Trading Post National Historic Site





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - John Day Fossil Beds National Monument



30 Miles



Oregon State Parks, State of Oregon GEO, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

N

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - John D. Rockefeller, Jr., Memorial Parkway




NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - John Muir National Historic Site



15 Miles

20230622

Water Erodibility - Joshua Tree National Park





Water Erodibility - Lava Beds National Monument



20230622

Water Erodibility - Lake Mead National Recreation Area





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Lake Roosevelt National Recreation Area



20230622



Water Erodibility - Lassen Volcanic National Park





20230622

Resource: Riparian ecosystem

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis

Park boundary

Highly water erodible soils within the upstream watershed

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

Water Erodibility - Lewis and Clark National Historical Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Little Bighorn Battlefield National Monument



15 Miles



contributors, Map layer by Esri, Esri, CGIAR, USGS

Water Erodibility - Manzanar National Historic Site



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility -



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility -





Water Erodibility - Mesa Verde National Park





20230622

<u>Resource:</u> Riparian ecosystem functions

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis
Park boundary
Highly water erodible soils within the upstream watershed
Land Category
BLM land
Not under PEIS evaluation
Other DOI land
Other federal land
DRECP not under PEIS evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

Water Erodibility - Minidoka National Historic Site



Water Erodibility - Montezuma Castle National Monument



Water Erodibility - Mojave National Preserve



20230622

Resource: Riparian ecosystem

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis

Park boundary

Highly water erodible soils within the upstream watershed

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

Water Erodibility - Mount Rainier National Park



20230622

Water Erodibility - Muir Woods National Monument



20230622

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Natural Bridges National Monument





Water Erodibility - Navajo National Monument





Water Erodibility - Nez Perce National Historical Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - North Cascades NP & Lake Chelan and Ross Lake NRA



20230622



Water Erodibility - Olympic National Park



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Oregon Caves National Monument and Preserve



20 Miles

20230622



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Organ Pipe Cactus National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Grand Canyon - Parashant National Monument



20230622



<u>Resource:</u> Riparian ecosystem functions

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis
Park boundary
Highly water erodible soils within the upstream watershed
Land Category
BLM land
Not under PEIS evaluation
Other DOI land
Other federal land
DRECP not under PEIS evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

30 Miles

by Esri, Esri, CGIAR, USGS

Water Erodibility - Pecos National Historical Park



20230622

Resource: Riparian ecosystem

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis

Highly water erodible soils within the upstream watershed

Not under PEIS evaluation

Other federal land

DRECP not under PEIS

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital

Water Erodibility - Petrified Forest National Park



Water Erodibility - Petroglyph National Monument



20230622

Resource: Riparian ecosystem

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis

Park boundary

Highly water erodible soils within the upstream watershed

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Hohokam Pima National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Pinnacles National Park

King City





Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species



Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

N

California State Parks, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Pipe Spring National Monument



20230622



Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS Resource: Riparian ecosystem

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis

Highly water erodible soils within the upstream watershed

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Port Chicago Naval Magazine National Memorial



HATIOMAL PARK SAVILE

Water Erodibility - Point Reyes National Seashore



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Rainbow Bridge National Monument

20230622



Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

Water Erodibility - Redwood National Park



Water Erodibility - Rocky Mountain National Park


NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Rosie the Riveter/World War II Home Front National



20230622 Resource: Riparian ecosystem Potential impacts to: 1. Stream channel hydrology 2. Water quality and quantity 3. Aquatic community dynamics 4. Aquatic and riparian species Area of Analysis Park boundary Highly water erodible soils within the upstream watershed Land Category **BLM** land Not under PEIS evaluation Other DOI land Other federal land **DRECP not under PEIS** evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

Water Erodibility - San Francisco Maritime National Historical Park



20230622

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Saguaro National Park



20230622

Resource: Riparian ecosystem

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis

Park boundary

Highly water erodible soils within the upstream watershed

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

Water Erodibility - San Juan Island National Historical Park



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Santa Monica Mountains National Recreation Area





Water Erodibility - Sand Creek Massacre National Historic Site





Water Erodibility - Salinas Pueblo Missions National Monument





Water Erodibility - Sequoia & Kings Canyon National Park





Water Erodibility - Sunset Crater Volcano National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Timpanogos Cave National Monument





Water Erodibility - Tonto National Monument



20230622

Resource: Riparian ecosystem

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis Park boundary Highly water erodible soils within the upstream watershed Land Category **BLM** land Not under PEIS evaluation Other DOI land Other federal land **DRECP not under PEIS** evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

Water Erodibility - Tule Lake National Monument



20230622

Resource: Riparian ecosystem

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis

Park boundary

Highly water erodible soils within the upstream watershed

Land Category

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

Water Erodibility - Tumacacori National Historical Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Tule Springs Fossil Beds National Monument





Boulder City

Water Erodibility - Tuzigoot National Monument



NATIONAL PARK SERVICE

20230622

<u>Resource:</u> Riparian ecosystem functions

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis
Park boundary
Highly water erodible soils within the upstream watershed
Land Category
BLM land
Not under PEIS evaluation
Other DOI land
Other federal land
DRECP not under PEIS evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

Water Erodibility - Valles Caldera National Preserve





Water Erodibility - Walnut Canyon National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Whiskeytown-Shasta-Trinity National Recreation Area



20230622

Resource: Riparian ecosystem functions Potential impacts to: 1. Stream channel hydrology Trinity Alps wn-Shasta-Trin National Recreation Area - Trinity Whiskeytown-Shasta-Trinit Nationa Area - Shasta Redding California State Parks, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, N

2. Water quality and quantity 3. Aquatic community dynamics 4. Aquatic and riparian species Area of Analysis 🖅 Park boundary Highly water erodible soils within the upstream watershed Land Category **BLM** land Not under PEIS evaluation Other DOI land Other federal land **DRECP not under PEIS** evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

olly-Middle Vildernes

Water Erodibility - Whitman Mission National Historic Site





Water Erodibility - White Sands National Park





Water Erodibility - Wupatki National Monument



Water Erodibility - Yellowstone National Park

Jackson

Gros Ventre



40 Miles



NPS

Water Erodibility - Yosemite National Park



<u>Resource</u>: Riparian ecosystem functions

20230622

Potential impacts to:

- 1. Stream channel hydrology
- 2. Water quality and quantity
- 3. Aquatic community dynamics
- 4. Aquatic and riparian species

Area of Analysis

Park boundary

Highly water erodible soils within the upstream watershed

Land Category

N

BLM land

Not under PEIS evaluation

Other DOI land

Other federal land

DRECP not under PEIS evaluation

Data Source: Upstream soils prone to water erodibility: NRCS' STATSGO K Factor, and Slope derived from seamless 10-m digital elevation models (DEM).

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Water Erodibility - Yucca House National Monument

Shiprock / Naat aanii





Water Erodibility - Zion National Park



National Pany Envice

Landscape Intactness - Amache National Historic Site



Landscape Intactness - Arches National Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - Aztec Ruins National Monument





Landscape Intactness - Bandelier National Monument





Landscape Intactness - Bent's Old Fort National Historic Site

Ladu



John Marti

Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS

States: U.S. Geological Survey data release, https://dx.doi.org/10.5066/F75H7DCW.

N

Landscape Intactness - Bighorn Canyon National Recreation Area





Landscape Intactness - Big Hole National Battlefield



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - Black Canyon of the Gunnison National Park





Landscape Intactness - Bryce Canyon National Park





Landscape Intactness - Cabrillo National Monument



Landscape Intactness - Canyon de Chelly National Monument




Landscape Intactness - Casa Grande Ruins National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - Castle Mountains National Monument

Piute





Landscape Intactness - Canyonlands National Park



Hationel Save

Landscape Intactness - Capitol Reef National Park



Landscape Intactness - Carlsbad Caverns National Park



Landscape Intactness - Capulin Volcano National Monument



Landscape Intactness - Cedar Breaks National Monument



15 Miles



Utah Geospatial Resource Center, Esri, HERE, Garmin, SafeGraph, FAO, METI/ NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

Landscape Intactness - César E. Chávez National Monument





Landscape Intactness - Chaco Culture National Historical Park





Landscape Intactness - Chiricahua National Monument



Landscape Intactness - Channel Islands National Park





Landscape Intactness - City of Rocks National Reserve





N

Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

15 Miles

https://dx.doi.org/10.5066/F75H7DCW.

Landscape Intactness - Colorado National Monument





Landscape Intactness - Coronado National Memorial



15 Miles



Landscape Intactness - Crater Lake National Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - Craters of the Moon National Monument & Preserve





Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esrio

⊐ 30 Miles

Ν

Landscape Intactness - Curecanti National Recreation Area



Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer Foresby Esri, Esri, CGIAR, USGS

25 Miles

20230915

Landscape Intactness - Devils Postpile National Monument



Landscape Intactness - Devils Tower National Monument



Montana State Library, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, Uppon CGIAR, USGS

15 Miles

Landscape Intactness - Death Valley National Park



Landscape Intactness - Dinosaur National Monument



Landscape Intactness - Ebey's Landing National Historical Reserve





Landscape Intactness - El Malpais National Monument



20 Miles

20230915

Landscape Intactness - El Morro National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - Eugene O'Neill National Historic Site





Landscape Intactness - Florissant Fossil Beds National Monument



15 Miles



Landscape Intactness - Fort Bowie National Historic Site



CONANP, Esri, HERE, Garmin, Foursquare, SafeGraph, FAO, METI/NASA, USG999 A Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - Fossil Butte National Monument





METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS



Landscape Intactness - Fort Laramie National Historic Site



Landscape Intactness - Fort Point National Historic Site



Landscape Intactness - Fort Union National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - Fort Vancouver National Historic Site



15 Miles



Landscape Intactness - Gila Cliff Dwellings National Monument

NATIONAL PARK SERVICE



Landscape Intactness - Glacier National Park





Landscape Intactness - Glen Canyon National Recreation Area





Landscape Intactness - Golden Gate National Recreation Area





20230915

25 Miles
Landscape Intactness - Golden Spike National Historical Park





Landscape Intactness - Great Basin National Park





Landscape Intactness - Grand Canyon National Park





55 Miles

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - Grant-Kohrs Ranch National Historic Site





Landscape Intactness - Great Sand Dunes National Park & Preserve



Landscape Intactness - Grand Teton National Park



NATIONAL PARK SERVICE

Landscape Intactness - Hagerman Fossil Beds National Monument





Landscape Intactness - Hovenweep National Monument





Landscape Intactness - Hubbell Trading Post National Historic Site





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - John Day Fossil Beds National Monument



30 Miles



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - John D. Rockefeller, Jr., Memorial Parkway





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - John Muir National Historic Site





Landscape Intactness - Joshua Tree National Park



Landscape Intactness - Lava Beds National Monument



PARK

Landscape Intactness - Lake Mead National Recreation Area





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - Lake Roosevelt National Recreation Area



40 Miles



Landscape Intactness - Lassen Volcanic National Park



Landscape Intactness - Lewis and Clark National Historical Park





Landscape Intactness - Little Bighorn Battlefield National Monument



contributors, Map layer by Esri, Esri, CGIAR, USGS

15 Miles

Landscape Intactness - Manzanar National Historic Site



15 Miles

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness -



Landscape Intactness -



Landscape Intactness - Mesa Verde National Park



Landscape Intactness - Minidoka National Historic Site



Landscape Intactness - Montezuma Castle National Monument



Landscape Intactness - Mojave National Preserve





Landscape Intactness - Mount Rainier National Park



Landscape Intactness - Muir Woods National Monument



Landscape Intactness - Natural Bridges National Monument



15 Miles



Landscape Intactness - Navajo National Monument



20 Miles



by Esri, Esri, CGIAR, USGS

Landscape Intactness - Nez Perce National Historical Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - North Cascades NP & Lake Chelan and Ross Lake NRA



Landscape Intactness - Olympic National Park



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - Oregon Caves National Monument and Preserve





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - Organ Pipe Cactus National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - Grand Canyon - Parashant National Monument





Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

30 Miles
Landscape Intactness - Pecos National Historical Park



Landscape Intactness - Petrified Forest National Park



Landscape Intactness - Petroglyph National Monument





20230915

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - Hohokam Pima National Monument





Landscape Intactness - Pinnacles National Park



Landscape Intactness - Pipe Spring National Monument



Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS 20230915

15 Miles

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - Port Chicago Naval Magazine National Memorial



Landscape Intactness - Point Reyes National Seashore



Landscape Intactness - Rainbow Bridge National Monument

Scorpion

Wilderness Study Area

Mountai

Wilderness

urning Hills

Study Area



20230915

Resource: Landscape connectivity Potential impacts to: 1. Wildlife movement 2. Population genetics Slen Cany 3. Native plant communities 4. Viewshed and landscape character 5. Historic property setting and feeling Park boundary Area of Analysis High landscape intactness levels Land Category **BLM** land Not under PEIS evaluation Other DOI land Other federal land **DRECP** not under PEIS evaluation Data Source: Carr, N.B., Leinwand, I.I.F., and Wood, D.J.A., 2016, A Multiscale Index of Landscape Intactness for the Western United States: U.S. Geological Survey data release, https://dx.doi.org/10.5066/F75H7DCW.

N

Utah Geospatial Resource Center, Esri, HERE, Garmin, SafeGraph, FAO, METI/ NASA, USGS, Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

15 Miles

Landscape Intactness - Redwood National Park



Landscape Intactness - Rocky Mountain National Park



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - Rosie the Riveter/World War II Home Front National



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - San Francisco Maritime National Historical Park



Landscape Intactness - Saguaro National Park



20230915

Landscape Intactness - San Juan Island National Historical Park



Landscape Intactness - Santa Monica Mountains National Recreation Area



Landscape Intactness - Sand Creek Massacre National Historic Site





Landscape Intactness - Salinas Pueblo Missions National Monument





Landscape Intactness - Sequoia & Kings Canyon National Park



Landscape Intactness - Sunset Crater Volcano National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - Timpanogos Cave National Monument



15 Miles



Landscape Intactness - Tonto National Monument



Landscape Intactness - Tule Lake National Monument



Landscape Intactness - Tumacacori National Historical Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - Tule Springs Fossil Beds National Monument





Boulder City

20 Miles

Landscape Intactness - Tuzigoot National Monument





Landscape Intactness - Valles Caldera National Preserve





Landscape Intactness - Walnut Canyon National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Landscape Intactness - Whiskeytown-Shasta-Trinity National Recreation Area





Bureau of Land Management, EPA, NPS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS

R.

Bolly-Middle Eel

20 Miles

Landscape Intactness - Whitman Mission National Historic Site



15 Miles



NPS

Landscape Intactness - White Sands National Park



Landscape Intactness - Wupatki National Monument



Gros Ventre

Landscape Intactness - Yellowstone National Park



40 Miles



EPA, NPS

Landscape Intactness - Yosemite National Park



25 Miles



Landscape Intactness - Yucca House National Monument





Landscape Intactness - Zion National Park


NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Arches National Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Aztec Ruins National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Bryce Canyon National Park



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Casa Grande Ruins National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Canyonlands National Park





Esri, NASA, NGA, USGS, Utah Geospatial Resource Center, Esri, HERE, Garmin,

SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS,

Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its

affiliates, Esri Community Maps contributors, Map layer by Esri

Study Area

Burning Hills Wilderness Study Area

Parla-Hackberr

Study Area

Data sources: 2023 Enjoy the View Points, 2012 Key Observation Points (Park KOPs)

N 0 30 Miles

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023

Viewshed - Key Points of Observation (KOP) - Carlsbad Caverns National Park



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Cedar Breaks National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Chaco Culture National Historical Park



20 Miles



NASA, USGS, Bureau of Land Management, EPA, NPS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Chiricahua National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Death Valley National Park



NATIONAL PARE TRUICE

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Dinosaur National Monument



RATIONAL PAR BANUCE

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - El Malpais National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - El Morro National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Fort Bowie National Historic Site





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Great Basin National Park



contributors, Map layer by Esri, Esri, CGIAR, USGS

20 Miles

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Hovenweep National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Joshua Tree National Park



35 Miles

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Lake Mead National Recreation Area



45 Miles



NPS

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Minidoka National Historic Site



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Mojave National Preserve





Data sources: 2023 Enjoy the View Points, 2012 Key Observation Points (Park KOPs)

5

contributors, Map layer by Esri

35 Miles



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Grand Canyon - Parashant National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023

Viewshed - Key Points of Observation (KOP) - Petrified Forest National Park



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Pipe Spring National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023

Viewshed - Key Points of Observation (KOP) - Salinas Pueblo Missions National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - White Sands National Park



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Wupatki National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Zion National Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023

Viewshed - Key Points of Observation (KOP) - Aztec Ruins National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Bryce Canyon National Park



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Casa Grande Ruins National Monument





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Carlsbad Caverns National Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Chiricahua National Monument







Data sources: 2012 Key Observation Points (NRHP KOPs)



Esri, NASA, NGA, USGS, Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri

Gray Peak

NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - El Malpais National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Fort Bowie National Historic Site





Resource: Viewshed



Number of Visible Points

Data sources: 2012 Key Observation Points (NRHP KOPs)

Gray Peak Wilderness Study Area

Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri, Esri, CGIAR, USGS



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Grand Canyon National Park





NPS Areas of Special Consideration (ASC) - Solar PEIS 2023

Viewshed - Key Points of Observation (KOP) - Petrified Forest National Park



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Pipe Spring National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Wupatki National Monument



NPS Areas of Special Consideration (ASC) - Solar PEIS 2023 Viewshed - Key Points of Observation (KOP) - Zion National Park





20 Miles

by Esri