



U.S. Department of the Interior
Bureau of Land Management

Bureau of Land Management

Southern Nevada District – Renewable Energy Program Update

June 7, 2022



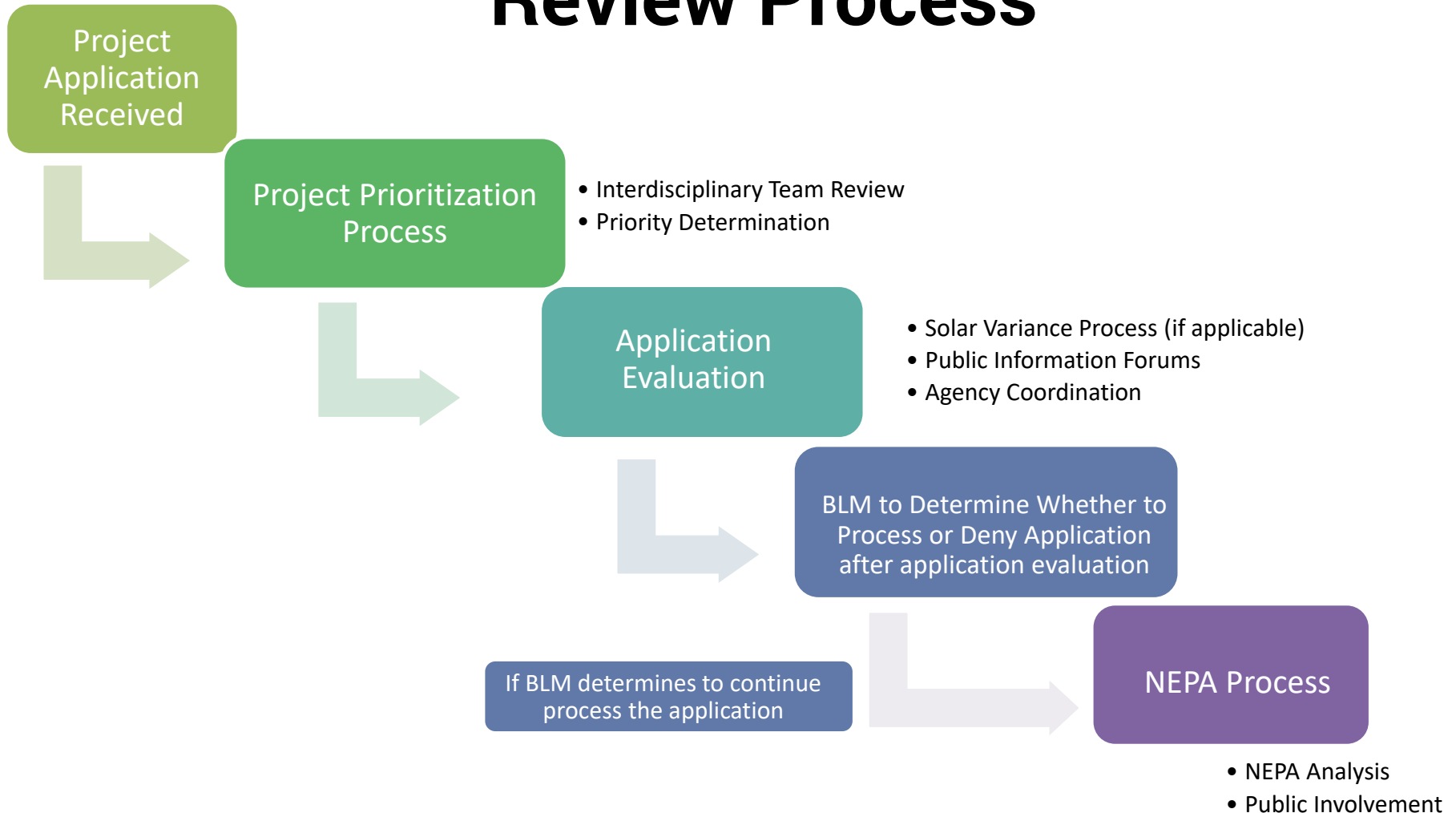


Agenda

- Introductions
- Renewable Energy Application Review
- SNDO Workload Summary
- Project Overview By Area
- Contact Information



Renewable Energy Project Application Review Process





Renewable Energy Application Evaluation Process

- The right-of-way regulations provide direction on solar and wind energy development applications located on BLM managed public lands.
- The BLM evaluates the appropriateness of right-of-way applications for utility-scale solar energy development on a case-by-case basis, based on:
 - Environmental considerations
 - Coordination with appropriate federal, state, and local agencies and Tribes
 - Public outreach
- The regulations state information provided by the applicant and other parties can be utilized when evaluating the appropriateness of an application.
- As part of the evaluation, the BLM schedules a public information forum and an agency meeting to gather input.



Renewable Energy Application Evaluation Process

- Information gathered during the input period will inform the application evaluation process including the BLM determination on whether to continue to process or to deny the right-of-way application.
- The application evaluation determination is separate and comes before the National Environmental Policy Act process.



E&I Team Workload Summary

- **Construction: Active**
 - Yellow Pine Solar & Trout Canyon Substation (250MW of 500MW) (Pahrump Valley)
 - Gemini Solar (690MW)
- **Construction: Pending**
 - Dry Lake Solar (NV Energy) (150MW) (Dry Lake SEZ)
- **Support for Solar Development on Moapa Reservation** (Gen-tie lines and other supporting infrastructure)
 - Arrow Canyon Solar – Construction Active
 - Southern Bighorn Solar I & II (ROW pending)
 - Chuckwalla Solar – DEIS under development
 - Yah-Thumb Solar – DEIS under development



E&I Team Workload Summary Cont'd

30 Pending Applications for Utility-Scale Renewable Energy Development Projects (As of June 7, 2022)

- Pahrump Valley
- Amargosa (15 applications)
- Indian Springs
- Jean
- Laughlin
- APEX area
- Vicinity of Moapa Reservation

3 Pending Applications for Wind Energy Site Testing and Monitoring (Type II applications) (Not in FY2022-2025 Plan of Work)



Pahrump Valley Overview Map

BLM Southern Nevada District Office

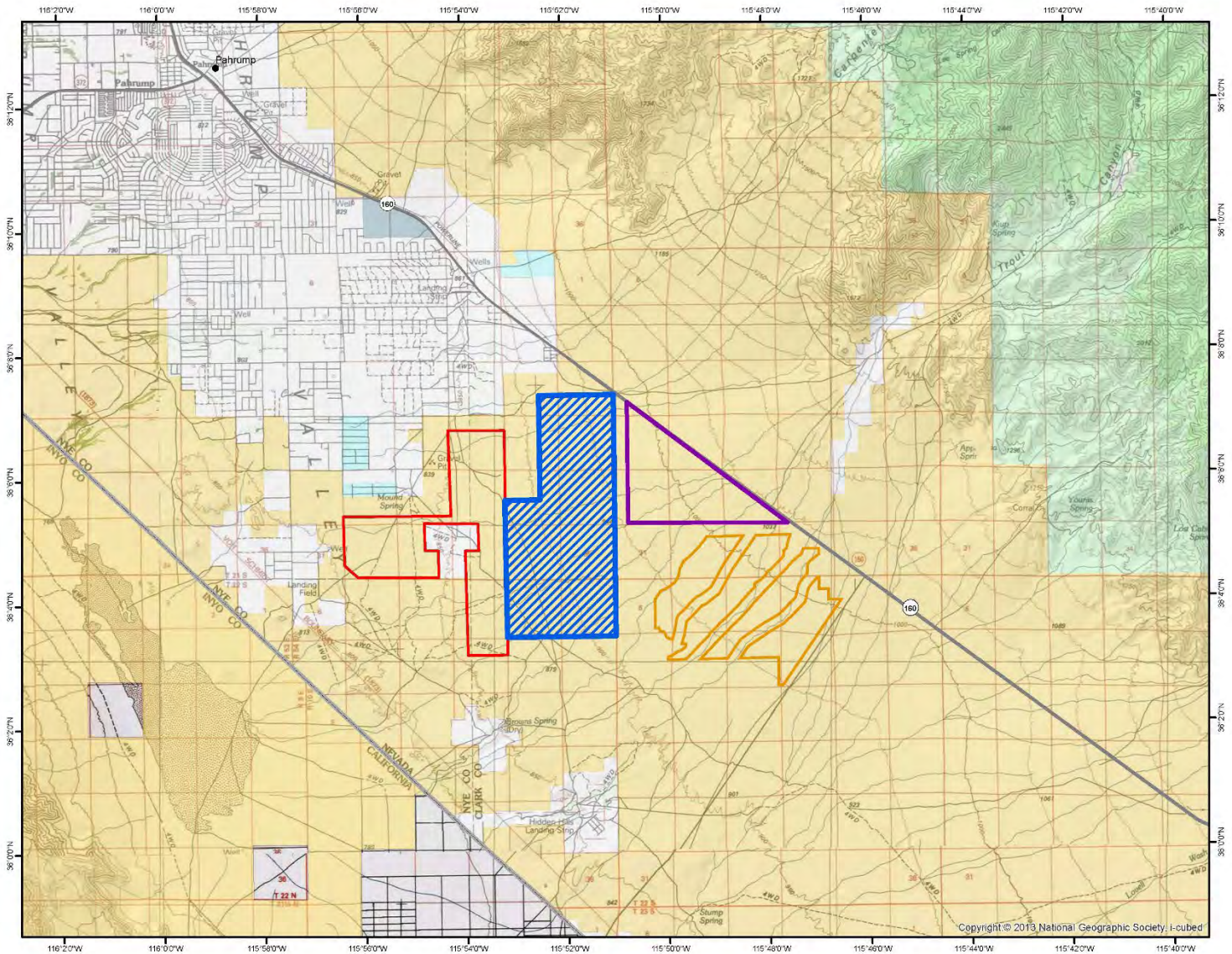
Copper Rays, Rough Hat Clark County, Rough Hat Nye County, and Yellow Pine Solar Projects

Legend

- Cities & Towns
- Copper Rays (proposed)
- Yellow Pine (approved)
- Rough Hat - Nye (proposed)
- Rough Hat - Clark (proposed)
- US Highways
- State Highways
- Bureau of Indian Affairs
- Bureau of Land Management
- Bureau of Reclamation
- Department of Defense
- Department of Energy
- Fish and Wildlife Service
- Forest Service
- National Park Service
- Nevada State
- Local Government
- Private

0 0.75 1.5 3 Miles

N
Lat Long Grid - UTM Zone 11, NAD 1983
Degrees Minutes Seconds
Prepared By: SHDO E&I Staff on 12/12/2011
No warranty is made by the BLM as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.





Pahrump Valley: Copper Rays Solar

Next Step: Notice of Intent to Prepare an EIS & RMPA

Status: Application Evaluation Approved; proposed project lands segregated from mineral entry

Project Stats –

- Applicant: Copper Rays Solar, LLC (Leeward)
- 5,127 acres
- 700 MW
- Nye County
- Interconnection at VEA Gamebird Substation

Project Website: <https://eplanning.blm.gov/eplanning-ui/project/2019523/510>



Pahrump Valley: Rough Hat Clark County Solar

Next Step: Notice of Intent to Prepare an EIS & RMPA

Status: Application Evaluation (Variance) Approved; proposed project lands segregated from mineral entry

Project Stats –

- Applicant: Candela Renewables
- 2,400 acres
- 400 MW
- Clark County
- Interconnection at Trout Canyon Substation (Gridliance)

Project Website: <https://eplanning.blm.gov/eplanning-ui/project/2019992/510>



Pahrump Valley: Other Applications

Rough Hat Nye County Solar

- Status – Paused
- Stats: Candela Renewables / 2,400 acres / 500MW / Nye County / proposed project lands segregated from mineral entry

Golden Currant Solar

- Status – Medium Priority, Pre-Application Evaluation
- Stats: Noble Solar, LLC (Primergy) / 4,364 acres / 400 MW / Clark County

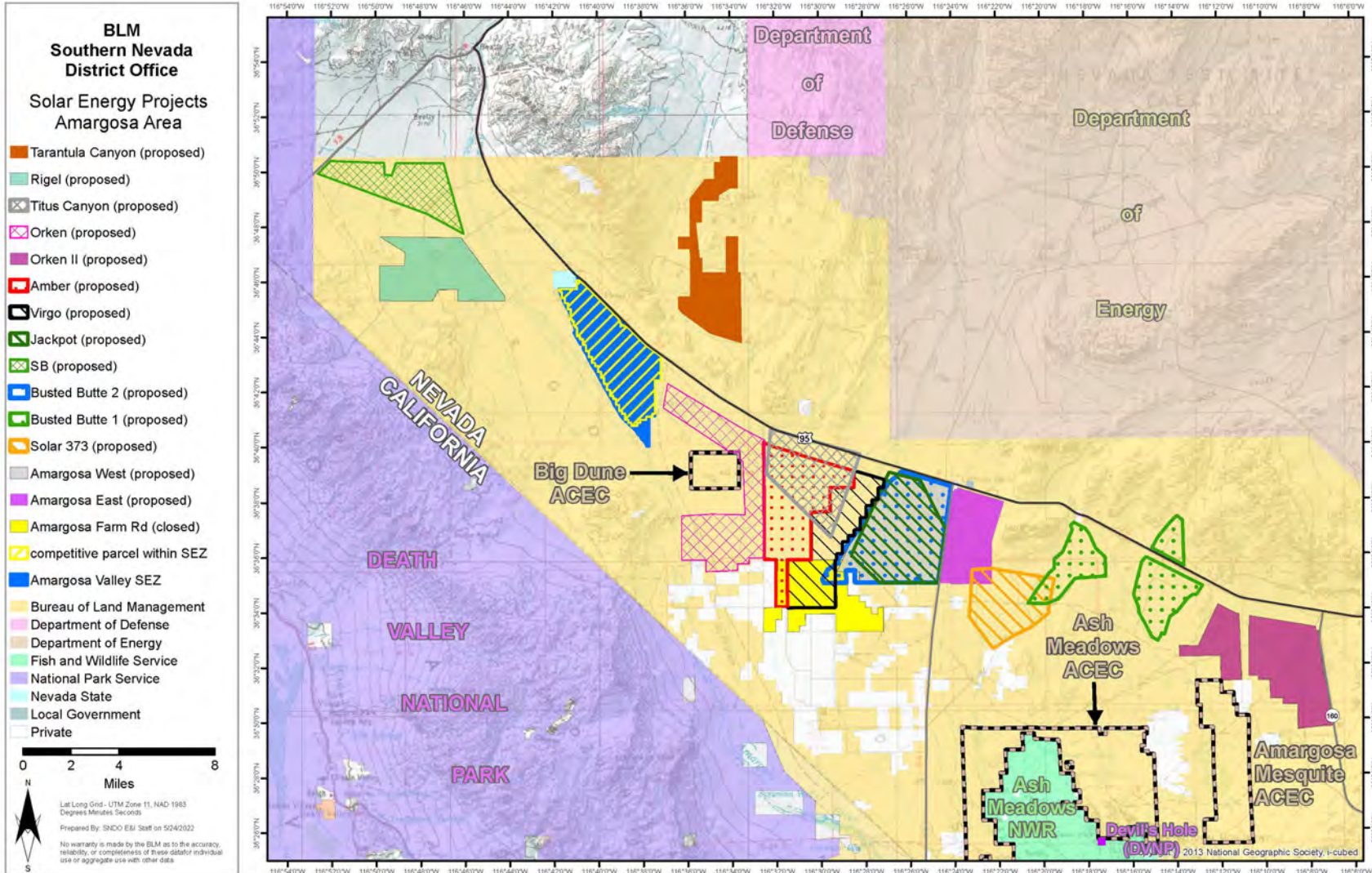
Mosey Solar

- Status – Pending Prioritization
- Stats: Renew Development HoldCo LLC (Clearway) / 3,472 acres / 500 MW / Clark & Nye Counties



Amargosa Valley – 15 pending applications

* Application received 6/2/2022 not depicted on this map (Ponderosa Solar)





Amargosa Valley Overview

Status: BLM is coordinating with NPS/FWS on next steps for considering Solar Energy Development outside the Solar Energy Zone in the Amargosa area.

Information -

- Amargosa Valley is in Nye County
- Most of Amargosa Valley is identified as NPS Area of High Potential Resource Conflict (Solar PEIS).
- Most of the Amargosa Valley is identified as Priority 2 Desert Tortoise Connectivity Habitat (Solar PEIS).
- Sensitive beetle species endemic to Big Dune and Lava Dune.
- Concerns relating to groundwater use.
- Solar Exclusion (Solar PEIS) area – Orken II application wholly within Solar Exclusion.



Amargosa Valley: Amargosa Valley Solar Energy Zone Map





Amargosa Valley: Amargosa Valley Solar Energy Zone

Status: **Open public comment period** - Determination of NEPA Adequacy (DNA) for leasing action

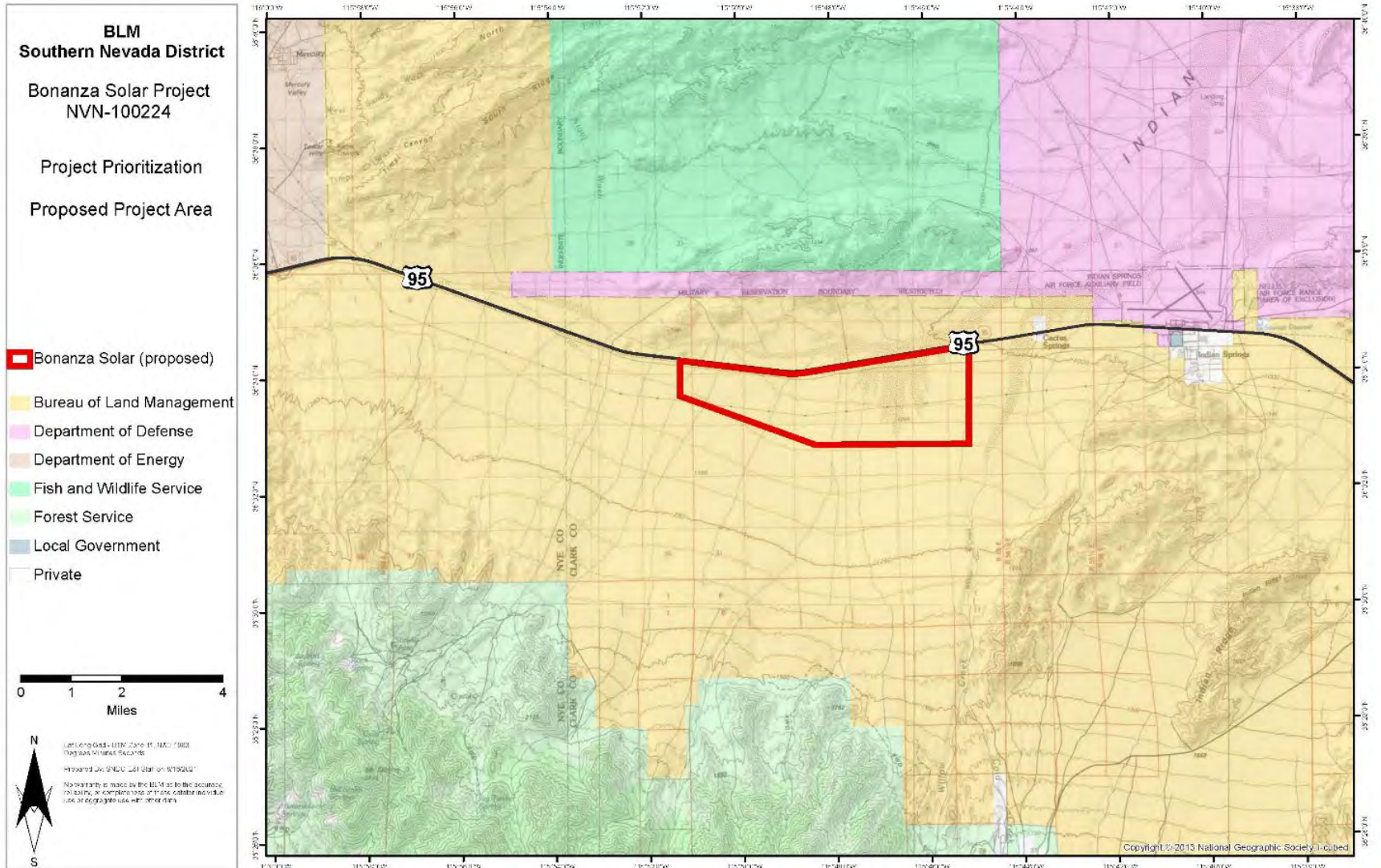
- DNA relies on analysis in Solar PEIS Record of Decision - <https://solareis.anl.gov/documents/index.cfm>
- Comments that would be the most helpful during the review period are those that identify any new or changed circumstances that may affect the development of the Solar Energy Zone.
- Written comments can be submitted by 4:30pm on June 17, 2022
 - email: BLM_NV_SND_EnergyProjects@blm.gov
 - mail: Bureau of Land Management, Pahrump Field Office, Attn: Energy & Infrastructure Team, 4701 N. Torrey Pines Dr., Las Vegas, NV 89130.

Website: <https://eplanning.blm.gov/eplanning-ui/project/2019939/510>

Next Step: Competitive offering for issuance of solar energy development lease of parcel (7,232 acres).



Indian Springs: Bonanza Solar Map





Indian Springs: Bonanza Solar

Next Step: Application Evaluation (Variance Process) – Target Fall of 2022

Status: Working on Variance Factor - Priority 1 Desert Tortoise Connectivity

Project Stats –

- Applicant: Bonanza Solar, LLC (EDF Renewables)
- 5,133 acres
- 300-600 MW
- Nye and Clark Counties
- Desert View Substation Interconnection



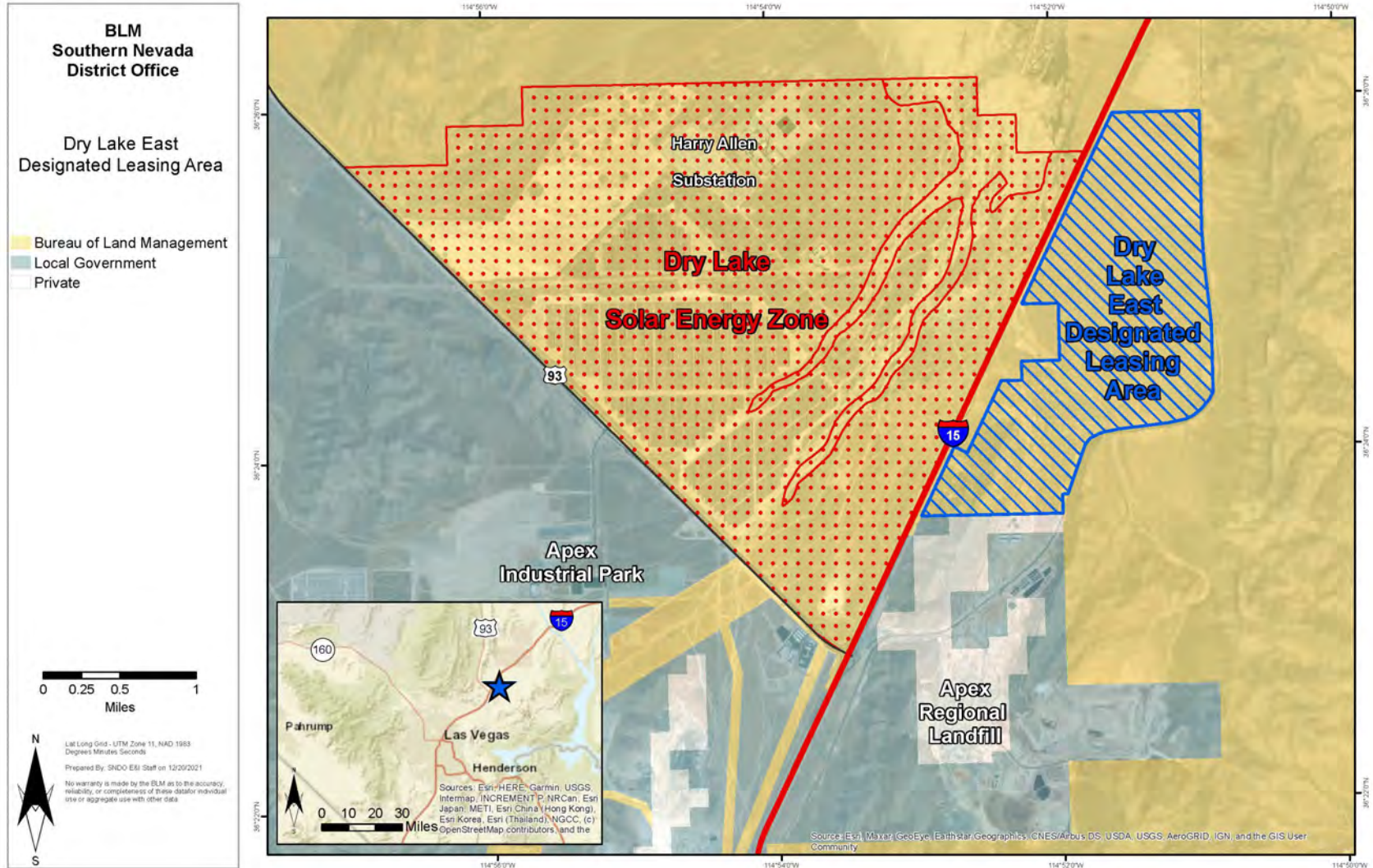
Indian Springs: Other Application

South Ridge Solar

- Status: Not in FY2022-2025 Plan of Work
- Stats: Solar PEIS “Pending Application” / 2,250 acres / 50 MW / Medium Priority / (Leeward)



Dry Lake East Designated Leasing Area





Dry Lake East Designated Leasing Area

Next Step: Environmental Analysis / Development of Regional Mitigation Strategy

Status: Preferred Applicant Determined (13 bids received, winning bid \$10,288,780); Application Filing Due June 20th; Plan of Development Filing Due July 18th.

Project Stats –

- Applicant: Boulevard Associates, LLC (NextEra)
- 1,635 acres
- TBD MW
- TBD Interconnection



Eldorado Valley: Townsite Solar 2

Next Step: Application Evaluation Input Meetings (Agencies / Public)

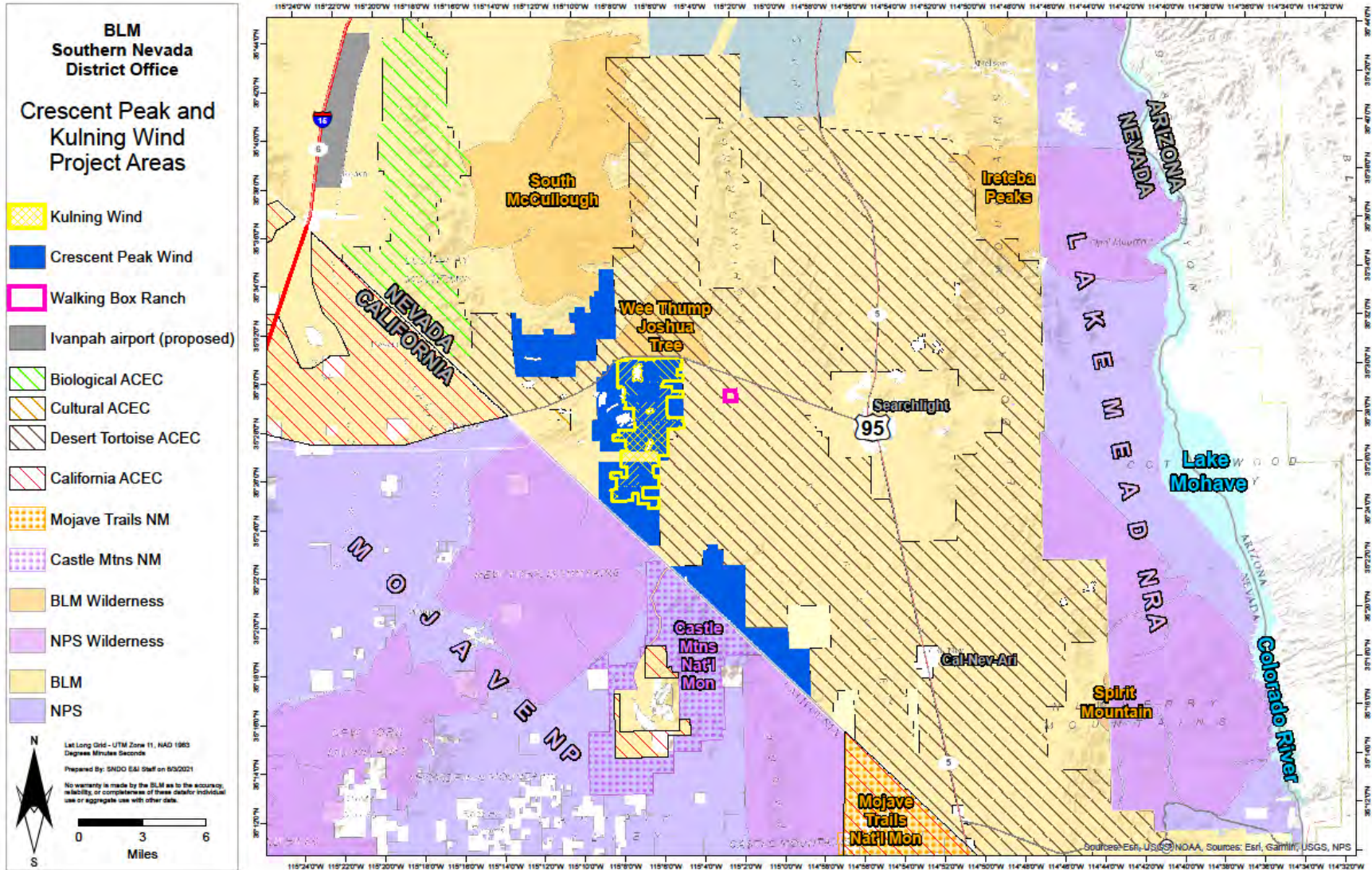
Status: Prioritization Completed – High Priority

Project Stats –

- 80 acres
- 19 MW
- Clark County
- Interconnection at WAPA Substation



Searchlight: Kulning Wind Energy Project





Searchlight: Kulning Wind Energy Project

(Not in FY2022-2025 Plan of Work)

Next Step: Application Evaluation (CPP - Initiate work 2026)

Status: Low Priority Project, may not be feasible to authorize

Project Stats –

- Applicant: Crescent Peak Renewables (Eolus)
- 9,264 acres
- 308 MW
- Clark County
- Sloan Canyon Switching Station Interconnection

FAST-41 Dashboard: <https://www.permits.performance.gov/permitting-project/kulning-wind-energy-project>



Contact Information

EMAIL: BLM_NV_SND_EnergyProjects@blm.gov

MAIL: BLM Southern Nevada District Office
Attn: Energy & Infrastructure Team
4701 N. Torrey Pines Drive
Las Vegas, NV 89130