Bureau of Land Management Public Meetings for the Dodge Flat II Solar Energy Center

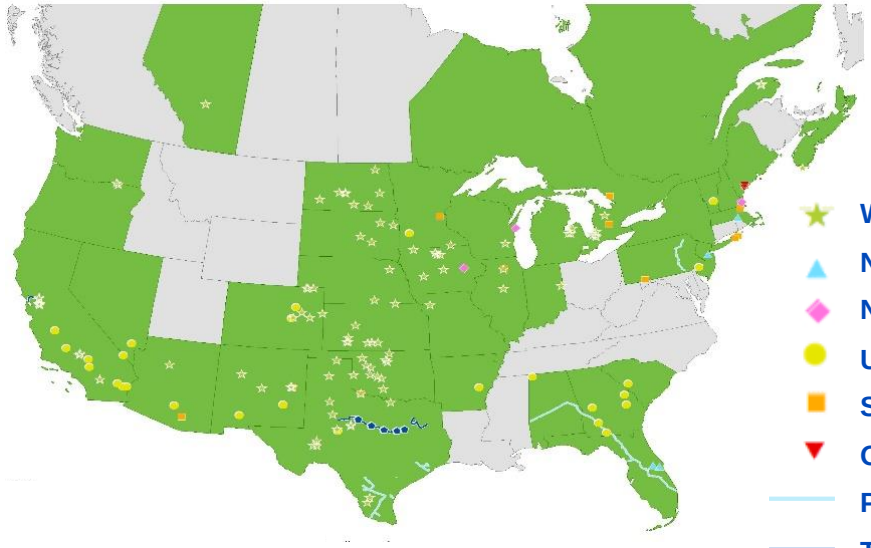
May 13 and May 18, 2021

Introductions

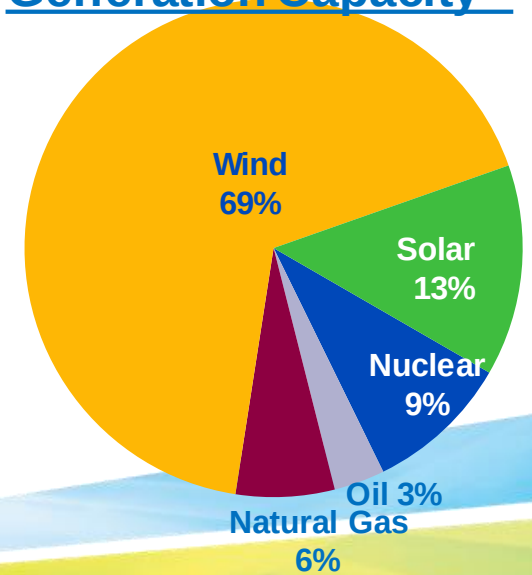
- **Panelists:**
  - Kira Lay – Realty Specialist, Carson City District BLM
  - Kathleen Campanella – Project Developer, NextEra Energy Resources
  - Eric Koster – Senior Environmental Project Manager, NextEra Energy Resources
  - Rebecca Sher – Senior Tribal Relations Project Manager, NextEra Energy Resources
  - Jonathan Rigg – Project Manager, Dudek Environmental Consultant
- **Moderator:**
  - Lisa Paul – NextEra Energy Resources

NextEra Energy Resources is the leading North American clean energy company

- **World leader in electricity generated from the wind and sun**
- **~26 GW(1) of generation in operation**
  - ~18 GW wind
  - ~4 GW solar
  - ~2 GW nuclear
  - ~2 GW natural gas/oil
- **~11 GW wind and solar in backlog(2)**
- **~3 GW battery storage, including backlog**
- **~6 Bcf of natural gas pipeline capacity operating or under development(3)**
- **~$56 B in total assets**



Generation Capacity(1)



1) Megawatts shown includes assets operated by Energy Resources owned by NextEra Energy Partners as of December 31, 2020; all other assets are included at ownership share
2) Includes signed contracts as of January 26, 2021; excludes battery storage
3) Includes ~4 Bcf of pipelines operated by Energy Resources for NextEra Energy Partners; reflects net Bcf for pipelines where Energy Resources and NextEra Energy Partners' ownership stake is less than 100%

Note: All other data as of December 31, 2020

NextEra Energy is comprised of strong businesses supported by a common platform

- ~$170 B market capitalization(1)
- ~57 GW in operation(2)
- ~$128 B in total assets(3)

FPL

- The largest electric utility in the United States by retail MWh sales

NEXTera ENERGY RESOURCES

- The world leader in electricity generated from the wind and sun

Engineering & Construction

Supply Chain

Wind, Solar, and Fossil Generation

Nuclear Generation

1) As of January 25, 2021; Source: FactSet
2) Megawatts shown includes assets operated by Energy Resources owned by NextEra Energy Partners as of December 31, 2020; all other assets are included at ownership share
3) As of December 31, 2020

NextEra Energy is No. 1 in its industry of Fortune's 'World's Most Admired Companies'

 # 1 in our sector for the 14th time in 15 years

top 10 in the world for social responsibility

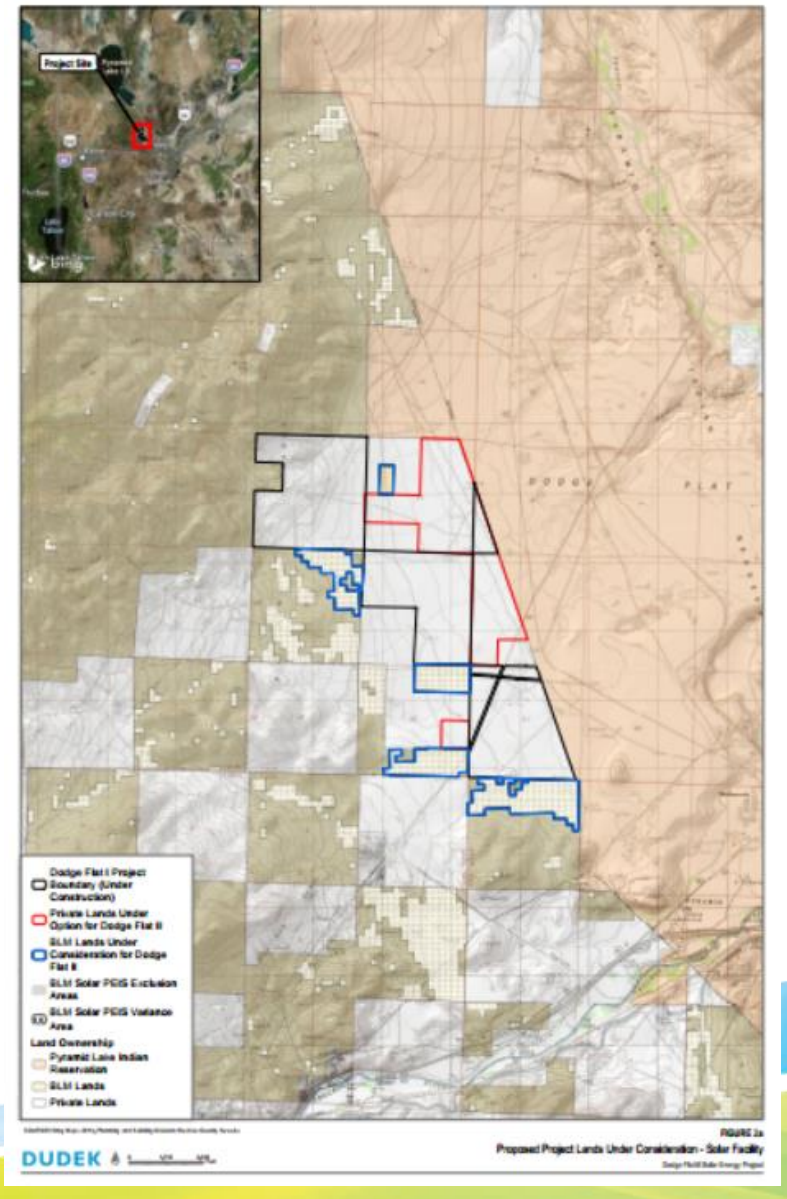
top 10 in the world for use of corporate assets

top 20 in the world for innovation

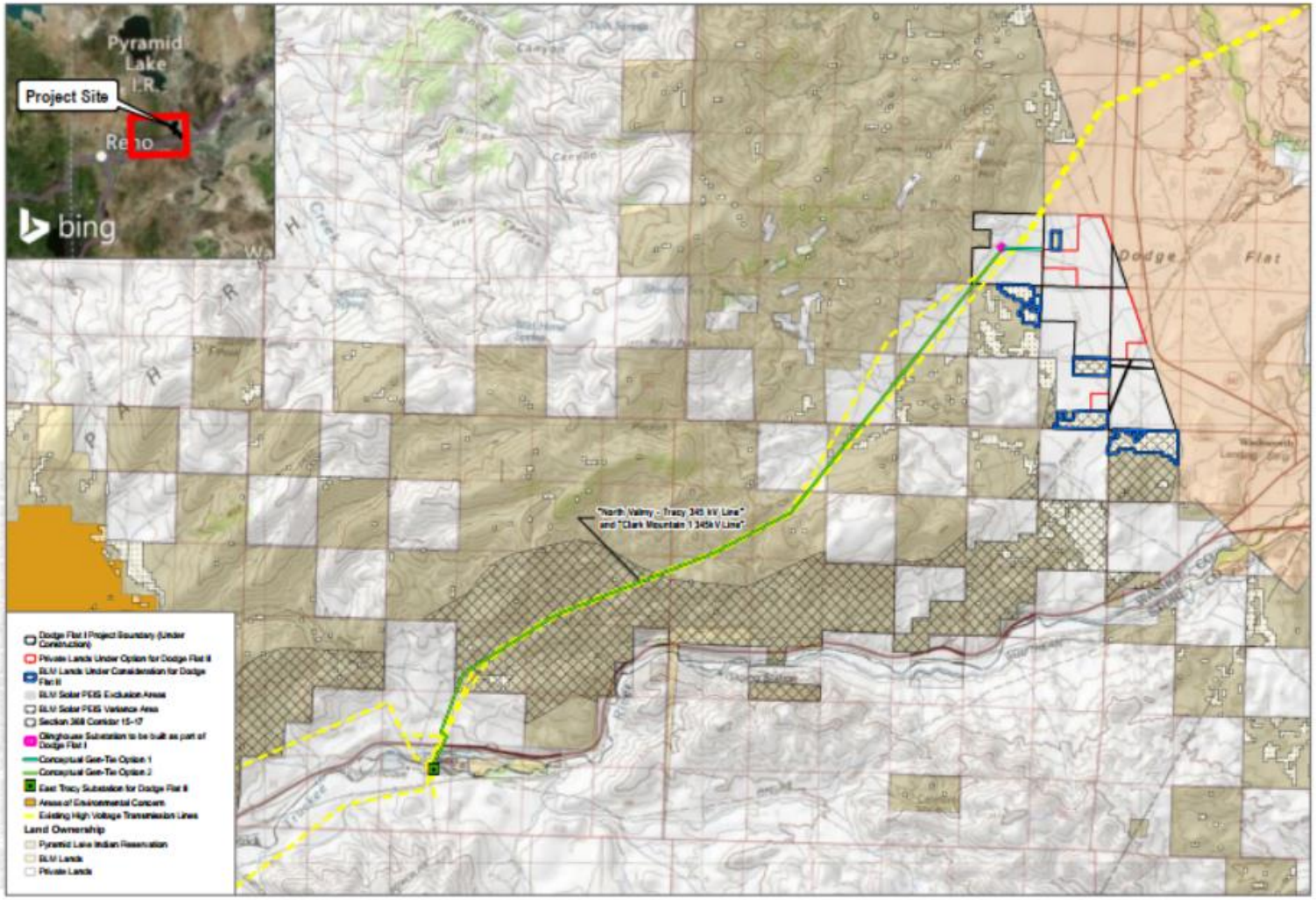
top 20 in the world for people management

At max buildout Dodge Flat II Solar Energy Center will be up to 200 MW of solar and 200 MW of Battery Storage

- **Dodge Flat is located 25 miles northeast of Reno, NV**
- **1,995 total acres:**
  - ~495 acres of public land administered by BLM
  - ~630 acres of private land under option, and up to an additional 870 acres of private land (location to-be-determined)
- **Adjacent to the Dodge Flat I Solar Energy Center currently under construction**
- **Max Buildout can generate enough electricity to power ~50,000 homes**
- **Will avoid approximately 510,000 tons of carbon dioxide emissions that would have been produced if the electricity had been generated using fossil fuels**



Dodge Flat II Solar Energy Center



SOURCE: Bing Maps 2018

DUDEK

FIGURE 2b

Proposed Project Lands Under Consideration - Gen-Tie and Interconnection Options

Dodge Flat II Solar Energy Project

Dodge Flat II Solar Energy Center – Project Details

- **Access: Olinghouse Road via State Route 447**
- **Two Gen-Tie Line Options:**
  - 0.5-mile gen-tie line to Olinghouse Substation currently under construction, or
  - 11-mile gen-tie line to NVE East Tracy Substation: located within or adjacent to a combination of existing transmission corridors and the existing Section 368 corridor (Corridor 15-17 Reno Connector Corridor)
- **Construction Start: May 2024**
- **Schedule: 18 months**
  - Peak construction would be approximately 3 months
- **Traffic: At peak construction, up to 500 workers would be traveling to the site daily**
- **Commercial Operation Date: August 2025**

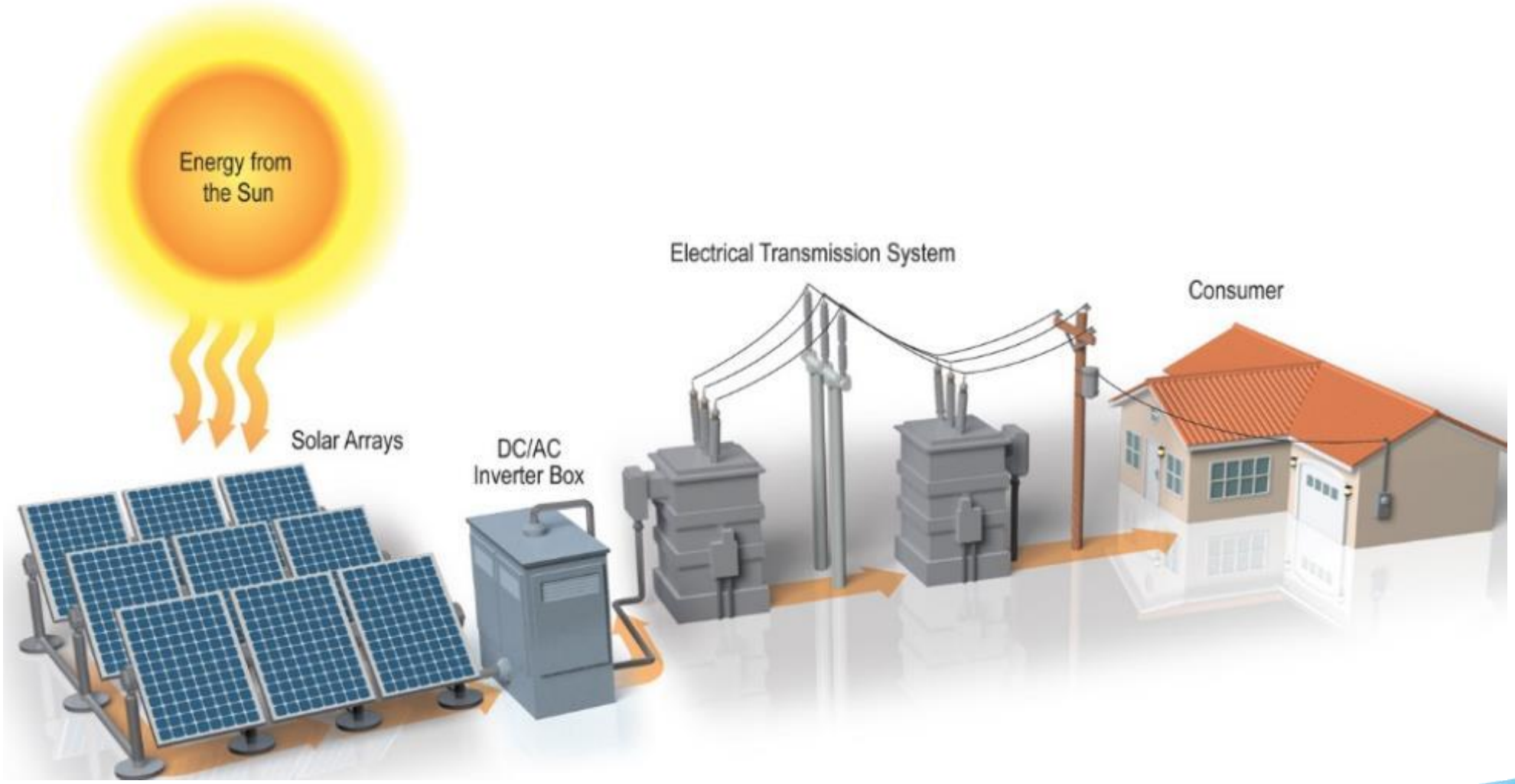
Dodge Flat II Solar Energy Center – Project Details

- **Grading:**
  - Project roads and other components such as invert pads require grading and leveling
  - Grading in the solar field is avoided when practicable considering topography, drainage, geology, and other design, engineering and construction needs
    - Where grading is avoided, vegetation will be mowed to just above ground-level and posts driven into the ground or pre-drilled depending on geology
  - As feasible, natural drainage contours are left in place to maintain typical flows across site
- **Resource Avoidance:**
  - The project will be designed to avoid sensitive resources such as biological and archaeological resources
    - These areas will be buffered to ensure no direct impact
- **Water:**
  - On-site wells would be used for water needed for construction, primarily for dust suppression
  - Panel washing is unlikely to be required, but if necessary wells would supply water during operation

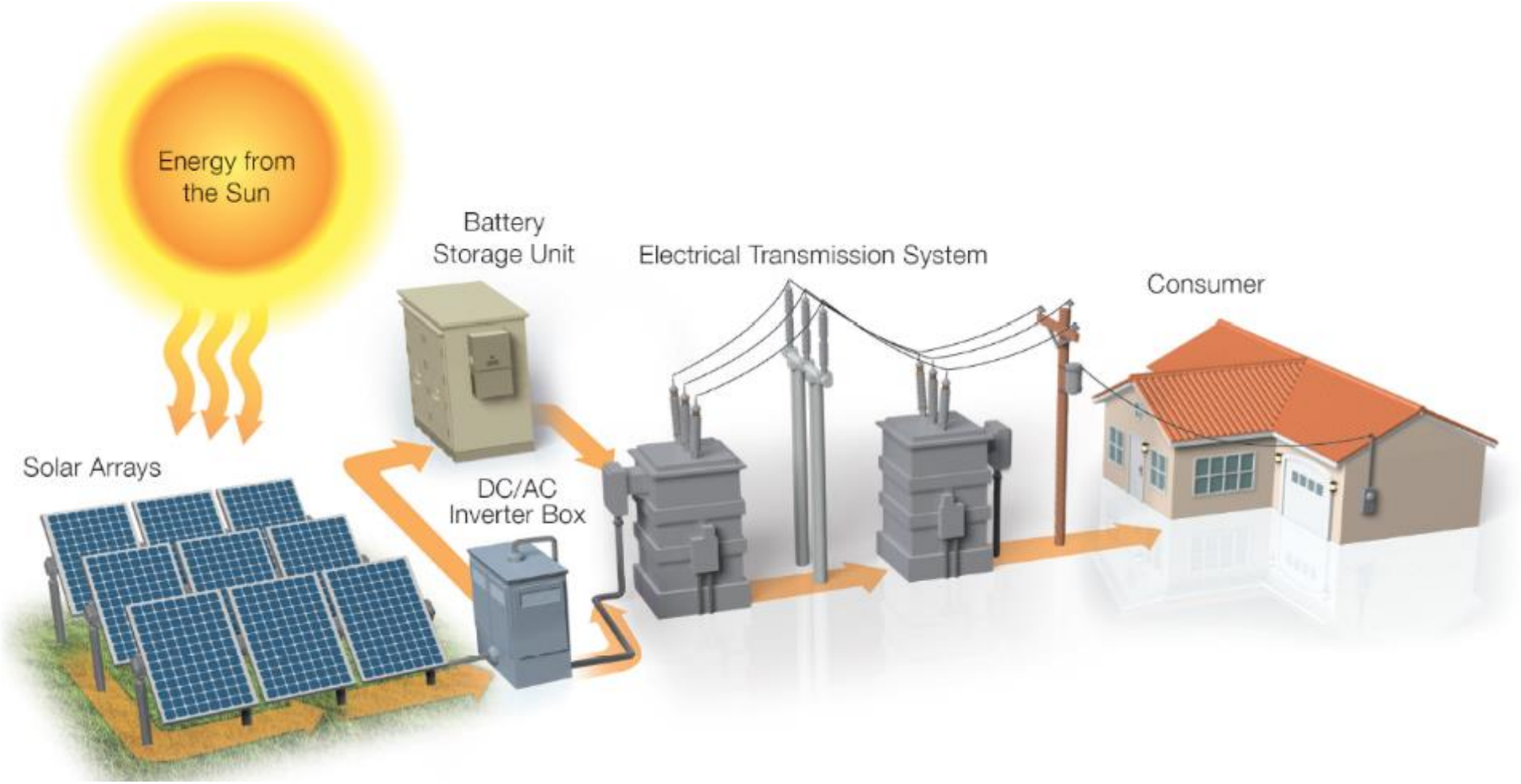
Benefits of solar energy

- Cost competitive
- Clean, renewable source of energy
- No air, water or soil pollution
- Creates jobs
- Places no burden on local services
- Payments to landowners
- Taxes to communities
- Purchase of goods and services
- Land continues to be used as before

How a panel converts solar energy to electricity



How battery energy storage works



Dodge Flat II Solar Energy Center – Healthy & Safety

- **Solar energy emits no pollution**
- **Solar photovoltaic (PV) panels are made of materials found in typical electronic equipment and are encased, so there is no impact to soil, water supply or public health**
- **PV panels typically consist of glass, polymer, aluminum, copper and semiconductor materials that can be recovered and recycled at the end of their useful life**
- **Fire risk at solar sites is low and fires involving battery storage systems are rare**
  - NEER has a 24/7 control center in Florida that monitors and can control all of our assets remotely
  - We work with local first responders and fire officials to coordinate any response, in the unlikely event of a fire

Dodge Flat II Solar Energy Center – Sound

- **During the construction period, noise at the project site would be typical of construction sites**
  - Typical equipment used are small tractors, front-end loaders, trenching machines, excavators and vibratory pile drivers
- **Once operational, the only sources of noise at the project would be a low "hum" typical of power equipment, specifically the power inverters and substation transformer, and a light "clicking" of panels that are designed to track with the sun**
  - Solar facilities are also designed to comply with all state or local noise level regulations

Dodge Flat Solar Energy Center – Permits and Authorizations

- **BLM Variance Process**
  - Proposed 916 acres of BLM lands are identified as Variance Lands in the Final Solar Development Programmatic Environmental Impact Statement
- **National Environmental Policy Act**
  - Anticipate Environmental Impact Statement
- **404 CWA Permit**
  - If needed, Dodge Flat I has USACE determination of no WUS
- **Nevada Utility Environmental Protection Act Permit to Construct**
  - File after NEPA decision, ~10-month process
- **Washoe County Special Use Permit**
  - File in 2022
- **Storey County (if needed for gen-tie Option 2)**
  - File in 2022
- **Truckee Meadows Regional Plan Amendment**
  - File after Washoe County SUP

Work Completed to Date

- Critical Issues Assessment
- Preliminary gen-tie routing
- BLM Variance Process Stakeholder meeting (May 6)

Next Steps

- **Complete Variance Process**
  - **Public Meetings (May 13 and 18)**
  - **Variance Project Assessment Report**
  - **BLM review and determination for variance approval**
- **If BLM approves, then:**
  - **Conduct Environmental Surveys:**
    - Biological Resources
    - Cultural Resources
    - Jurisdictional Delineation (if needed)
  - **Begin NEPA and other permitting processes**
  - **Additional Agency and Stakeholder Coordination**
    - Pyramid Lake Paiute Tribe and other tribes (NHPA Sec 106)
    - United States Fish and Wildlife Service
    - Sagebrush Ecosystem Technical Team
    - Additional agencies and stakeholders

Questions on Dodge Flat II Solar Energy Center?

- To ask a question or provide a comment at this time, please call:

  1-866-807-9684 or enter it into the text box

- To submit comments or questions to the BLM, please email:

  BLM_NV_CCDO_Dodge_Flat_Solar@BLM.GOV

- Project Website for project information, copies of this presentation, and project maps:

https://webqa.nexteraenergyresources.com/dodge-flat-II-solar/blm-variance.html

Thank you for joining us today. The meeting will end at 8:00. If 10 minutes pass with no questions or comments received, the meeting will adjourn at that time.