Vicinity Map

- NW of Wadsworth
- Off Olinghouse Rd, via State Route 447
- 4 parcels
- ±1,616-acres
- General Rural
Overview of Request

- **Dodge Flat: 200 MW solar energy center**
  - ±1,200-ac. to be developed
  - Photovoltaic solar fields
  - Substation; switchyard; ancillary facilities
  - Connect to existing 345 kV transmission line
  - Planning Commission approved Feb. 6, 2018

- **BCC asked to sponsor amendment to Regional Plan (Utility Corridors map)**
  - Show facility w/substation and new hi-voltage connection
“Move to approve a resolution sponsoring an amendment to the 2012 Truckee Meadows Regional Plan, pursuant to NRS 278.0272(7), to update the Existing Utility Corridors (South) map to include: (1) A 200 MW solar energy center (containing a ±1,200-acre solar field, switchyard, 200 MW energy storage system, and new substation) northwest of Wadsworth; and (2) A short 345 kV overhead transmission line connection on APN 079-150-29 from the project switchyard to an existing 345 kV transmission line as part of a Project of Regional Significance known as the Dodge Flat Solar facility provisionally approved by Washoe County as part of Special Use Permit WSUP17-0021 and Administrative Permit WADMIN17-0010; and authorize the Chair to sign the resolution of behalf of the Board.”
ADDITIONAL DETAILS ...
Site Plan (Parcel 1)

- **SUBSTATION**
- **SWITCHYARD**
- **EXISTING UTILITY CORRIDOR (HIGH VOLTAGE TRANSMISSION LINE)**
- **200 MW ENERGY STORAGE**
- **345 KV OVERHEAD CONNECTION TO EXISTING TRANSMISSION LINE**
Example Solar Panels
Looking northwest from intersection of Olinghouse Rd and SR 447
Existing Conditions

- Remote, rural area
- Low brush/grasses; average 2-3% slope; 6% on NW parcel
- Sparsely populated
- Limited development nearby
Project Benefits

- Augment northern NV renewable power supply
- Facilitate grid reliability during peak demand
- Produce approx. 500,000 MW-hours annually
- Reduce 510,000 tons CO₂ annually
- 500 jobs during construction
- 10 FT off-site jobs once project complete
- At build-out: largest solar energy storage facility in U.S. (*Source: NextEra Energy*)
Possible Motion

“Move to approve a resolution sponsoring an amendment to the 2012 Truckee Meadows Regional Plan, pursuant to NRS 278.0272(7), to update the Existing Utility Corridors (South) map to include: (1) A 200 MW solar energy center (containing a ±1,200-acre solar field, switchyard, 200 MW energy storage system, and new substation) northwest of Wadsworth; and (2) A short 345 kV overhead transmission line connection on APN 079-150-29 from the project switchyard to an existing 345 kV transmission line as part of a Project of Regional Significance known as the Dodge Flat Solar facility provisionally approved by Washoe County as part of Special Use Permit WSUP17-0021 and Administrative Permit WADMIN17-0010; and authorize the Chair to sign the resolution of behalf of the Board.”