



TerraVerde
ENERGY

El Dorado County Solar Design Options, Savings Analysis, and Contracting
El Dorado County Board of Supervisors Meeting 2/26/2019

Project Status

- ▶ Request for Proposals (RFP) released 10/17/2018
 - ▶ Sent to 145 potential respondents from TerraVerde and County distribution lists
- ▶ Request for Proposals (RFP) responses received 12/11/2018
 - ▶ 14 NOIs, 12 respondents attended site walk, 5 responses received
- ▶ Shortlisted 3 Respondents for interviews held on 1/3/2019
- ▶ Contract negotiations initiated with REC Solar on 1/4/2019
 - ▶ Selected by County based on qualitative and quantitative evaluation criteria specified in RFP
- ▶ Design options for RES-BCT solar field value engineered
- ▶ Developed updated projected financials
- ▶ PPA contract negotiations substantially underway

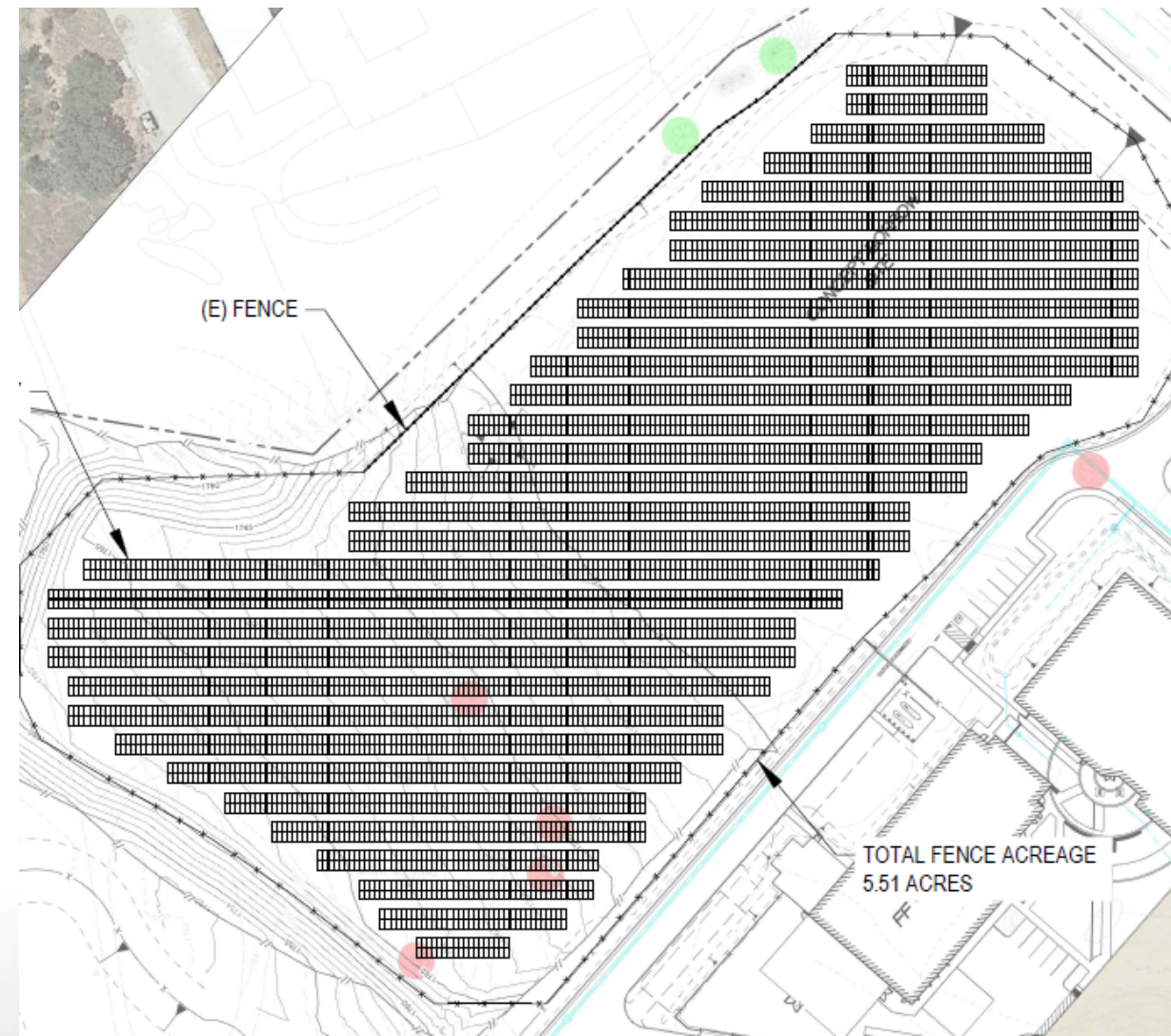
Public Safety Facility - NEM

- ▶ Designed per County requirements
- ▶ 517 kW system size
- ▶ 25 year net benefit - **\$1,669,000**
 - ▶ Previously \$1,037,000
- ▶ Targeted for parking lot re-opening before facility operation
- ▶ Battery option not proposed based on lack of data



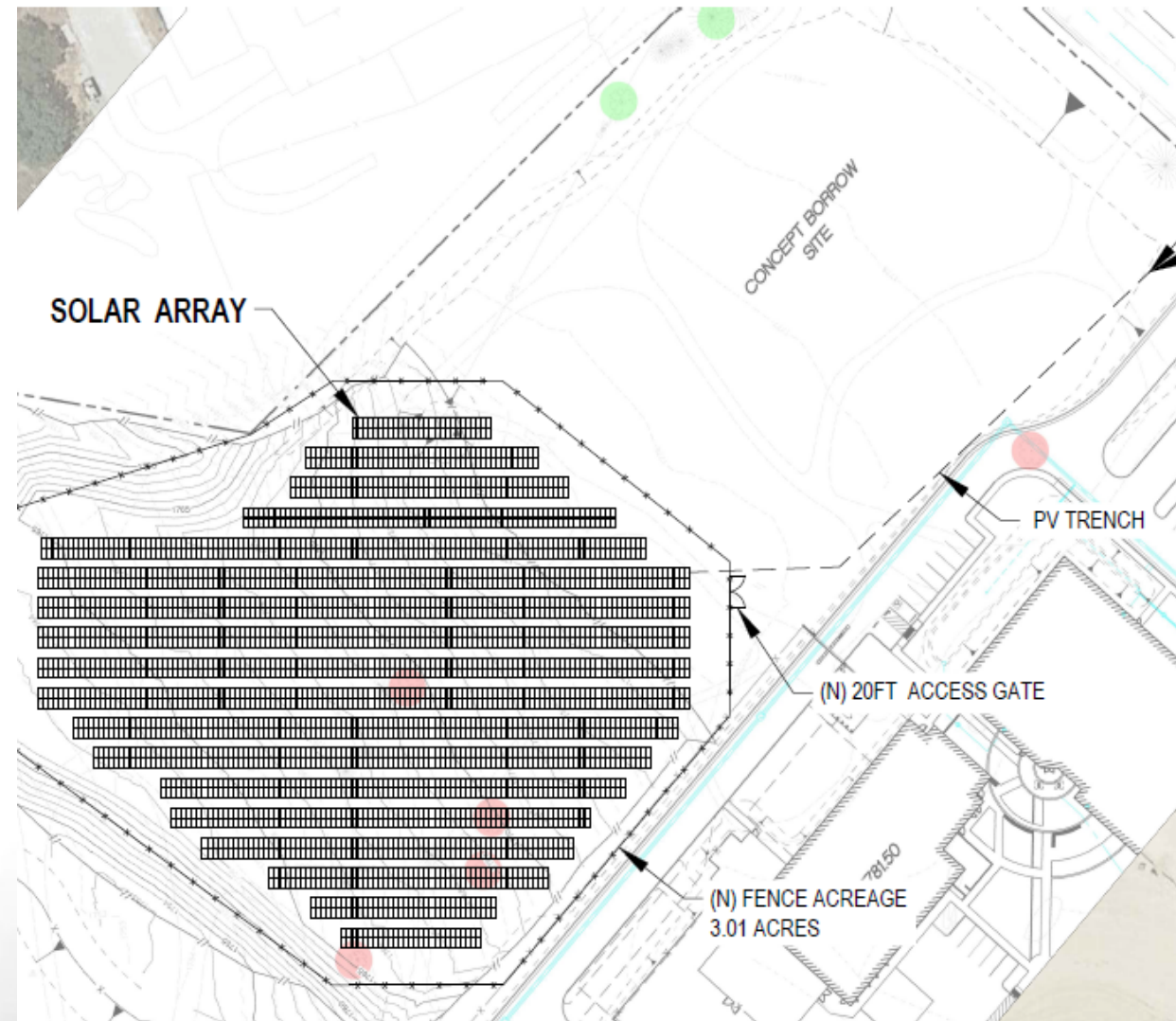
RES-BCT Option A

- ▶ Designed per County requirements
- ▶ 2,038 kW system size
- ▶ 25 year net benefit - **\$4,288,000**
 - ▶ Previously \$2,333,000



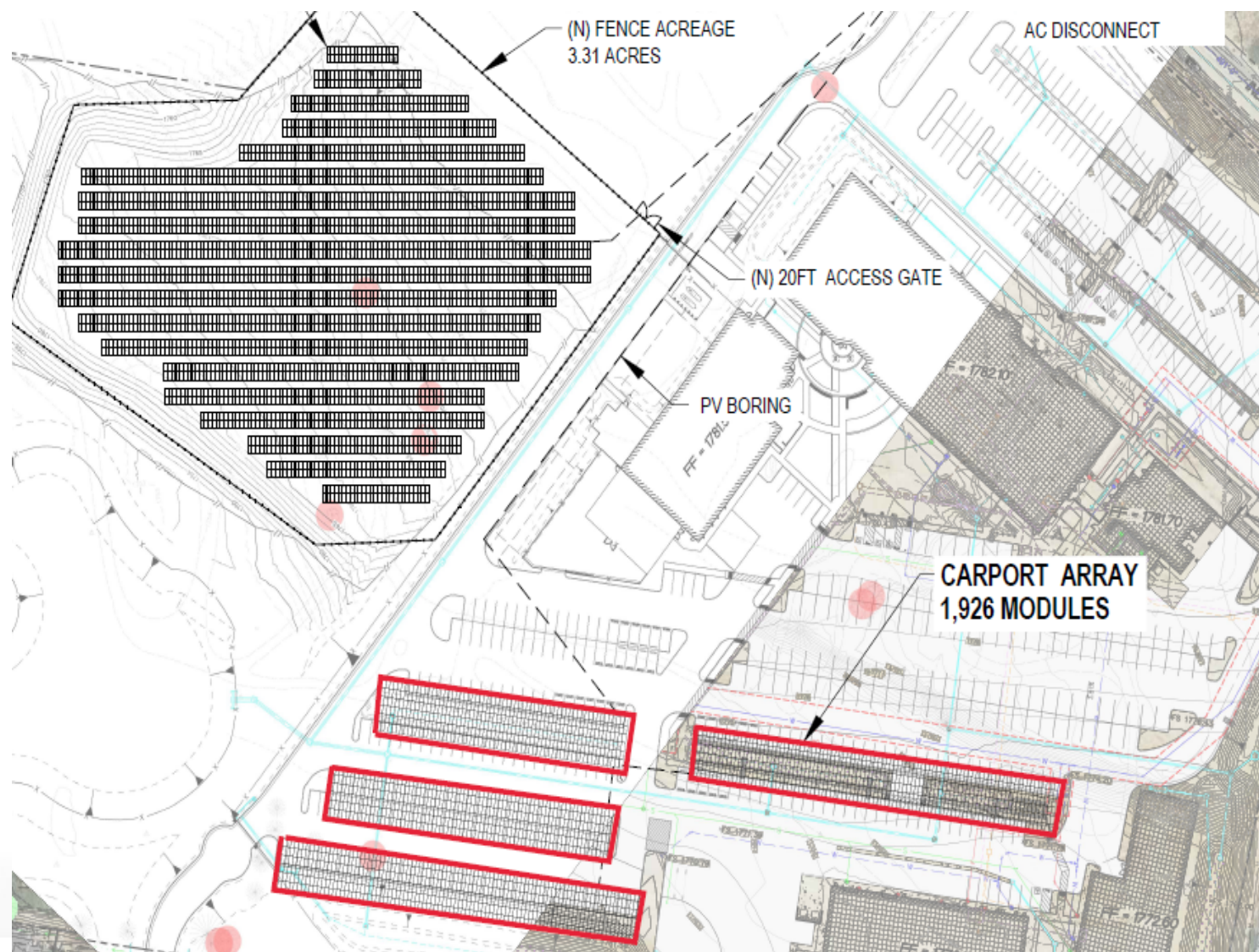
RES-BCT Option B

- ▶ Value engineered design
- ▶ Preserves approximately 2 acres for future development
- ▶ 1,086 kW system size
- ▶ 25 year net benefit - **\$988,000**



RES-BCT Option C

- ▶ Value engineered design
- ▶ Preserves approximately 2 acres for future dev.
- ▶ Bolsters production and savings with additional carport arrays
- ▶ 1,928 kW system size
- ▶ 25 year net benefit - \$1,850,000



Contracts

- ▶ Power Purchase Agreement (PPA)
 - ▶ PPA for each site
 - ▶ 25 year term, 0% escalation on PPA rate
 - ▶ Performance guaranteed to 95%, 3 year true up
 - ▶ Agreed to by both parties
 - ▶ General Conditions and Technical Specifications Agreed to by Respondent
- ▶ Cost Reimbursement Agreement (CRA)
 - ▶ Reimburse County for cost incurred during the development and construction of solar projects
 - ▶ Agreed to by both parties

Next Steps

- ▶ Decide on Options for RES-BCT array sizing

Board of Supervisors meeting 3/19/2019

- ▶ 4217.12 public hearing to receive public comment
 - ▶ Public Notice posted 2 weeks prior
- ▶ 4217.12 Board Resolution
 - ▶ To enter into a contract pursuant to Gov. code 4217.12
 - ▶ Review of findings
- ▶ 4217.12 Agenda Item
 - ▶ Authorizing and Approving the Power Purchase Agreement and other necessary documents with selected Respondent