



THE BUSINESS CASE SHOULD INCLUDE THE FOLLOWING:

**School PV Development Team**

Describe the team of executive leadership, school board members, faculty, staff, students, and other stakeholders that will lead the development of the Business Case. This should include, at minimum:

- Identification of PV development planning team
- Description of your school’s PV development planning team, including roles and responsibilities of team members who will need to perform the following:
  - Origination – policy and incentive analysis, energy analysis, site selection, economic analysis, feasibility design layout, permitting and interconnection qualification
  - Development – land development studies, permitting, interconnection, stakeholder confirmation, financing confirmation.
  - Financing – confirmation of financing structuring and direction, procuring financing, financing negotiations, incentives, additional funding opportunities.
- Description of business relationships between your school, utilities, solar development companies, project investors and other stakeholders
- Description of student engagement, retention strategy, and any benefits provided to students or other stakeholders for their participation
- Identification of professional development needs of team members and strategies to improve capacity for PV development and investment

**RESOURCES TO UTILIZE**

- Course presentations and associated materials

NOTES:

---

---

---

---

---

---

---

---

---

---



### Costs and Risk: Approvals and Legal/Regulatory Considerations

Identify the rules, regulations, procedures, and other risk factors that influence the design, siting, and financing of a PV project on school grounds and associated prosperities. This should include, at minimum:

- General utility interconnection requirements, timelines, and fees
- Permitting and inspection requirements and fees
- Planning and zoning restrictions
- State policies and incentives
- Utility tariffs and incentive programs
- School and/or district rules and procedures.
- Equipment warranties, operation and maintenance considerations, and safety requirements
- Related liens, restrictions, and agreements affecting property use
- Structural, mechanical, and environmental characteristics that increase cost or risk of the project
- Draft policy recommendations for school projects, including contractor selection, monitoring, O&M, US-made products, etc.

**RESOURCES TO UTILIZE**

- Utility interconnection application and process forms
- City and/or County jurisdictional zoning and permitting forms and requirements
- Federal, state and/or local government incentives and laws for solar
- Utility rate tariff and/or incentive options
- School architecture and facility operating standards and requirements
- Course presentations and associated materials

NOTES:

---

---

---

---

---

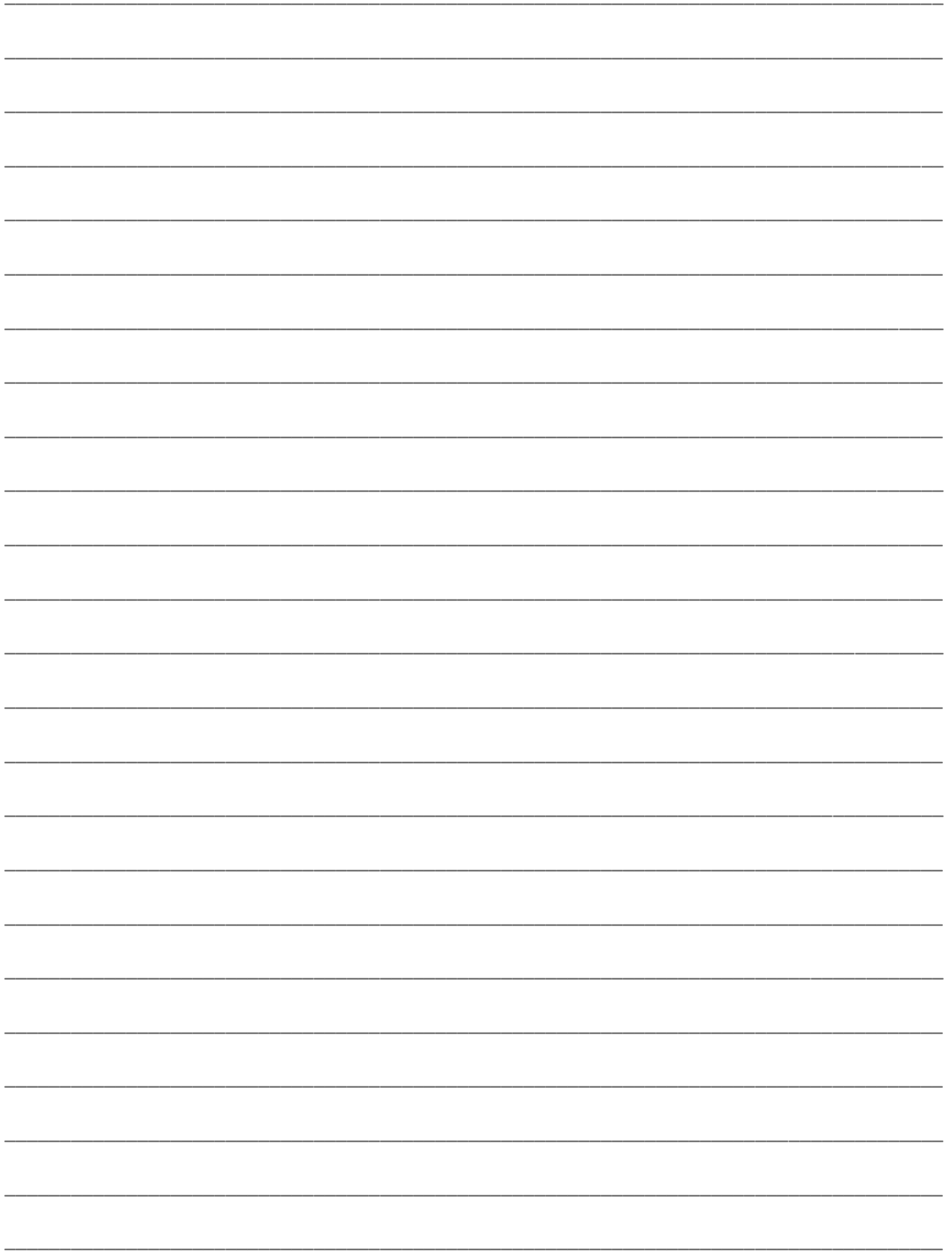
---

---

---

---

---





## Descriptions of Priority PV Development Sites

Identify and describe the priority sites for PV deployment on school grounds and association properties. This should include, at minimum:

- General site description with aerial and street view maps as appropriate
- Description of current site use and development plans with copies of related documents including legal description, liens, and development plans.
- Description of relevant electrical infrastructure with specific details on suitable points of interconnection and location of substations.
- Analysis of electricity rates (and usage as appropriate) associated with proposed points of interconnection
- General system size estimate, including a general graphical representation of proposed system configuration(s)
- Estimation of system production
- General considerations for system electrical and mechanical integration.
- Description of non-financial benefits of systems, including (as appropriate) aesthetic, shading, research, carbon reduction, etc.
- General system cost estimate

### RESOURCES TO UTILIZE

- Site evaluation form
- School master plans
- School map(s)
- Copies of target land and/or building lease or ownership contracts
- Copies of electrical and structural drawings for target location
- Utility rate tariff and incentive options
- Solar production models by NREL PV Watts (free online), PV Syst software, or other
- Energy Periscope Software (free trial accounts for each team from MREA)
- AutoCAD or Google Sketch Up software for design layouts
- Course presentations & associated materials

NOTES:

---

---

---

---

---

---

---

---







