

> Solar Power Services



Solar power companies rely on ECT, to obtain regulatory approval for new generation facilities in a timely and economical manner because ECT is distinctly qualified to provide the combination of specialized technical expertise, regulatory understanding and the business skills to reliably deliver results.

These capabilities have enabled ECT to become a resource for developing cost-effective strategies for hundreds of new solar power generation facilities nationwide. ECT provides the following core services to our clients:

- Feasibility studies
- Due diligence & natural resource surveys
- Licensing & permitting services
- Compliance support

Our diverse team of scientists, ecologists, engineers, archaeologists, and planners provide full permitting support for our clients nationwide. Additionally, ECT can provide:

- Landscape plans
- Site plan development; civil engineering support
- Viewshed analyses & renderings
- Planning/local permitting
- Cultural resources
- Pollinator & prairie habitat services
- Threatened & endangered species surveys
- Environmental Assessment (EA) & Environmental Impact Statement (EIS) preparation
- Construction oversight
- Expert witness testimony
- Geodatabase development

FEASIBILITY STUDIES

For decades ECT's power generation permitting expertise has been built around finding appropriate sites for our clients' specific generation needs. For solar siting, ECT staff uses multiple GIS-based tools for site selection. These models, in conjunction with aerial mapping, property databases and our extensive in-house library of GIS data layers, help identify sites with consideration for infrastructure needs, location and environmental and land-use constraints.

ECT can provide issue identification and a permit requirement matrix to facilitate the evaluation of potential solar sites for development. ECT's certified land use planners analyze land use and zoning compatibility of proposed sites. Impacts to infrastructure, surrounding land uses and the local environment to support power developers in obtaining local approvals. ECT also helps clients devise and implement public outreach programs commensurate with the project's complexity and anticipated level of support.



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DUE DILIGENCE & NATURAL RESOURCE SURVEYS

ECT evaluates sites under consideration for lease or purchase by performing due diligence assessments on specific parcels. This is usually done after property identification as a potential site, but before the lease or purchase agreement is completed and permitting begins.

Site due diligence efforts identify potential environmental and land use issues. ECT completes preliminary site assessments, environmental site assessments (ESAs), impact analyses, wetland delineations and T/E species surveys. Each evaluation addresses ecological resources, land use-related characteristics and archeological/cultural resources. The presence or absence of these resources can impact project development costs, permitting feasibility and time frames.

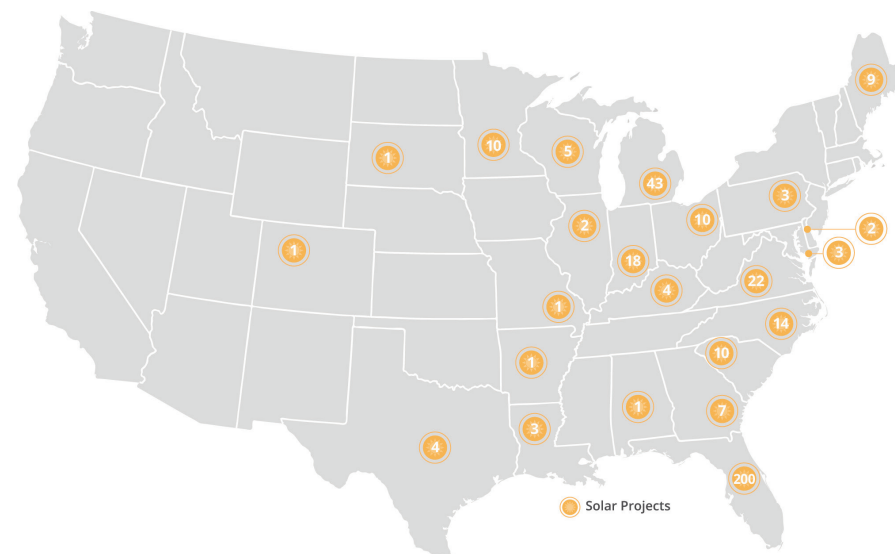
LICENSING & PERMITTING SERVICES

Certain states have major licensing requirements for solar facilities. ECT has successfully licensed solar facilities through some of the most rigorous federal, state, and local permitting processes in the country, keeping projects on-schedule.

COMPLIANCE SUPPORT

ECT assists power-sector clients with construction monitoring, post-construction, operational support, including development of stormwater management plans and spill prevention, control and countermeasure (SPCC) plans.

ECT NATIONAL SOLAR EXPERIENCE



ECT also uses environmental asset compliance management system (EACMS), an in-house data management and compliance tool, to assist clients with multiple assets with meeting regulatory deadlines. EACMS is a GIS- and web-based compliance tool that enables the user to conduct inspections, access data and facilitate meeting regulatory deadlines while in the field. Management of a single facility can be difficult. Management of numerous facilities offers significant challenges. EACMS reduces those challenges.

200+

SOLAR SITE PROJECTS NATIONWIDE

- 100+ Licensing & Permitting Projects
- 3-4 Gigawatts Affiliated with Nationally
- 40+ Operational Compliance Support Projects
- 80+ Due Diligence & Site Survey Projects