

# ENGINEERING CONSULTANTS

## Value-added Engineering for Residential Solar

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Rising energy costs and growing consumer demand for affordable sustainability continues to drive the solar market forward. However, navigating complex state regulations, permitting processes, and grid integration challenges remain significant hurdles, potentially delaying installations and increasing costs.

At Illumine-i, we are constantly innovating solutions to address these challenges and maximize the benefits of solar adoption ensuring a smoother transition to renewable energy. With our decade-young experience in the US Solar ecosystem, 2.5 GW of projects and multiple accolades later, we are world's largest independent digital design engineering firm in the residential PV Solar sector, partnering with almost 800 EPCs and developers across the globe.

### Design and Engineering

- Permit - Ready Plans
- Structural Engineering
- Electrical Engineering
- Solar Carports

### Advisory Services

- Site Studies & Feasibility Studies
  - Pre-Construction Survey
  - Post-Construction Survey
  - Solar Resource Assessment
  - Equipment Selection
  - Grid Load Study
- Permitting
  - AHJ documentation and Approval
  - Utility documentation and Approval
  - Construction Management
  - Bill of Materials
  - Construction Document
  - Quality Assurance
- Asset Management
  - Performance Monitoring
  - Preventive Maintenance
  - Corrective Maintenance
  - Data Management and Reporting

### Impact that Speaks



**2.5 GW**

cumulative system size  
of projects delivered

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**635,000 hours**

of consulting for  
power engineering projects

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**250+**

engineers and consultants

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**30% Reduction**

in project time, ensuring efficiency  
& cost-effectiveness

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**4 Continents**

serving various AEC  
stakeholders

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# Project Portfolio



150,000+ Projects Delivered!



## Service Packages

Key Services	Ive Pro	Ive Core	Ive Lite
Sales Proposals	✓	✓	✗
Site Studies	✓	✓	✗
Permit Plans	✓	✓	✗
SE   EE Stamps	✓	✓	✓
Permit Approvals	✓	✓	✗
BOM Checklist	✓	✓	✗
Construction Coordination	✓	✗	✗
Inspection / PTO Documentation	✓	✗	✗