

Regulatory compliance documentation and filing

This workflow automatically generates, validates, and submits regulatory compliance documentation for solar installations to relevant authorities. It ensures timely filing and reduces manual paperwork while maintaining regulatory adherence.

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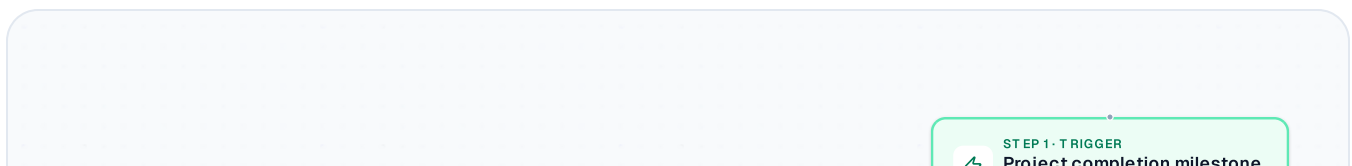
WORKFLOW TRIGGER



Solar project reaches substantial completion milestone in project management system

Visual Flow

Each node represents an automated step. Connections show how data and decisions move through the workflow.



reached

Aurora Solar

STEP 2 · ACTION
Extract system performance data

PVSystem Aurora Solar SCADA systems

STEP 3 · ACTION
Generate compliance documents

Homer Pro PowerFactory

STEP 4 · DECISION
Validate document completeness

Aurora Solar

STEP 5 · ACTION
Submit to regulatory authorities

PowerFactory SCADA systems

STEP 6 · OUTPUT
Deliver compliance confirmation

Aurora Solar

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Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

⚡ TRIGGER

Project completion milestone reached

Solar installation project management system signals that the project has reached substantial completion status. This triggers the regulatory compliance documentation process.

Aurora Solar

2

 ACTION

Extract system performance data

Automatically pulls system specifications, energy production forecasts, and technical performance data from design and monitoring tools. This data forms the foundation for compliance documentation.

PVSyst

Aurora Solar

SCADA systems

3

 ACTION

Generate compliance documents

Creates required regulatory forms including interconnection agreements, performance certificates, and environmental impact reports. Documents are auto-populated with extracted system data.

Homer Pro

PowerFactory

4

 DECISION

Validate document completeness

Checks generated documents against regulatory checklists and identifies any missing information or data inconsistencies. Routes complete documents for submission or incomplete ones for manual review.

Aurora Solar

5

Submit to regulatory authorities

Automatically files completed compliance documentation with appropriate utility companies and government agencies through their online portals. Tracks submission confirmations and reference numbers.

PowerFactory

SCADA systems

6

OUT PUT

Deliver compliance confirmation

Provides stakeholders with submission confirmations, tracking numbers, and compliance status dashboard. Creates audit trail documentation for future reference.

Aurora Solar



Outputs

- Filed interconnection agreements
- Submitted performance certificates
- Compliance status dashboard



Key Metrics

- Document submission success rate
- Average filing completion time
- Regulatory approval timeline



Tools & Integrations

- Aurora Solar
- PVSyst
- SCADA systems
- Homer Pro
- PowerFactory

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