



# Performance and Reliability of Photovoltaic Systems

## IEA PVPS Task 13 Meeting Subtask 4

Sandia National Laboratories

Albuquerque, NM 87185-1033

27<sup>th</sup>-29<sup>th</sup>, September 2016

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IEA PVPS T13 OA



# ST 4: Production of IEA-PVPS documents Public Task Reports

1. Planning Phase
2. **Document Preparation Phase**
3. Review Phase
4. Approval Phase
5. Dissemination



# ST 4: Document Production Plan

## Public Task Reports

1. Title (Preliminary or final)
2. **Report number**
3. Author or editor
4. Purpose of document
5. Subtask connection (if any)
6. Abstract



# ST 4: Document Production Plans

**Please use template prepared by Christian!**

**PVPS**

PHOTOVOLTAIC  
POWER SYSTEMS  
PROGRAMME

Report IEA-PVPS T13-06:2017

**PVPS**



# ST 4: Document Production Plan

## Public Task Reports

7. **Table of contents** of major chapter headings
8. Intended audience
9. Report category: Published Report or Internal Working Document
10. Responsibilities of specific Task participants for its preparation
11. Person responsible for printing (**Boris**)

Continue



# ST 4: Document Production Plan

## Public Task Reports

12. Details regarding how hard copies of the document can be obtained/purchased
13. **Expected number of copies** to be published and proposed allocation (to be determined - Oct)
14. **Production schedule** with expected dates:
  - 14.1 Distribution of the first draft to Task Participants for review
  - 14.2 Approval of final draft by Task Participants
  - 14.3 ExCo review and approval
  - 14.4 Publication and distribution of document



# ST 4: Document Production Plan

## Public Task Reports

15. Dissemination and publicity plans

16. Plans to assess impact of products

**All authors are asked to understand their role and to do's as written in the PVPS handbook (Annex E pp 34 )**



No.	Task 13 Deliverables
D 1-1	Internal Report: "Review of common practices"
D 1-2	Public Report: "Technical Assumptions in Financial PV Models: Review of Current Practices and Recommendations"
D 2-1	Public Report: "Annual development in global yield of PV systems installed from 2000 to 2015"
D 2-2	PVPS <u>analytical</u> database with public access through the Internet (ongoing updates)
D 2-3	Public Database of web-collected operational data
D 2-4	Public Report: " <del>Revisiting Inverter efficiency - Weighting factor for various climatic conditions - Performance during non-unity power factor</del> "
D 2-5	Public Report: "PV Monitored Parameters Correlating to System Failure and Degradation"
D 2-6	Information on model uncertainty added to the PVPMC web site
D 2-7	Public Report: "Uncertainty Framework for Data Acquisition and Modeling"
D 2-8	Public Report: "PV Performance Modeling Methods and Practices"
D 3-1	Public Report: "Recommended Practices for model parameter determination from indoor and outdoor measurement data under consideration of measurement uncertainties"
D 3-2	Public Report: "Long-term Photovoltaic Module Outdoor Energy Yield Measurements – existing approaches and equipment"
D 3-3	Public Data: "High quality module field performance data sets"
D 3-5	Public Report: "Review on IR and EL Imaging for PV Field Application"
D 3-6	Public Report: "Assessment of PV Module Failures in the Field"





# ST 4: Production of IEA-PVPS documents Public Task Reports

1. Planning Phase
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## ST 4: Approval Phase

1. Task Participants (experts) **review** and comment on rough draft before developing final draft.
2. Final draft reviewed and unanimously **approved by all Task participants** at a Task meeting, by post mail or by email. Final comments incorporated by the author.
3. Final draft circulated by the Operating Agent to the ExCo members **for review and approval** with a technical report approval form and distribution plan and ballot.



## ST 4: Approval Phase

- Approval form and distribution plan and ballot are to be sent to the ExCo Secretary who will inform the OA on the outcomes.
- **Four weeks** must be allowed for review by the ExCo. Unanimous approval is required.
- Published technical reports are generally meant for distribution within the countries participating to the Implementing Agreement.



# ST 4: Internal Working Document

A compilation of data/information contributed by one or more Task Participants as input to the collaborative work. Such a document is generally kept to internal Task use rather than for publication for one of the following reasons:

- The material was intended only as input to another technical report , which will be published;
- Task resources are too limited to publish it as a formal report;
- It is inappropriate for publication.



# ST 4: Internal Working Document

## *Contents*

- Technical information/data relating to a particular Subtask or some aspects of the Task work.
- May be a national input (completed independently of the Task, but is an input to the collaborative work) or a report which documents some joint R&D, but will not be formally published.

## *Approval Process*

- Approval by the Operation Agent and the Task Participants is required.
- Note: If experts later decide to publish the Working Document, approval for formal technical reports must be followed.



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# Thank you for your Attention!