

31 August 2024

Solar Sunshot

Funding Announcement Round 1B – Solar PV Manufacturing Studies



Australian Government
Australian Renewable
Energy Agency

ARENA

Acknowledgement of Country

We acknowledge the Traditional Custodians of Australia and their continuing connection to land and sea, waters, environment and community. We pay our respects to the Traditional Custodians of the lands we live and work on, their culture, and their Elders past and present.



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Solar Sunshot Round 1B

On 28 March 2024, the Federal Government announced it will invest \$1 billion in the new Solar Sunshot Program (the **Program**). The Program seeks to support the commercialisation of Australian solar photovoltaic (**PV**) innovations and to enhance solar PV supply chains in Australia. ARENA published the Solar Sunshot Program Guidelines (**Guidelines**) on 31 August 2024.

The Solar Sunshot Round 1B Funding Announcement (**Funding Announcement**) sets out the process for Applicants to seek funding under Round 1B of the Program (**Round 1B**). This Funding Announcement should be read in conjunction with the Guidelines. Definitions contained in the Guidelines also apply to this Funding Announcement, unless otherwise provided. In the event of any inconsistency between the Guidelines and this Funding Announcement, the Guidelines will prevail to the extent of the inconsistency.

In addition to the Guidelines and Funding Announcement, Applicants should also see the Program Frequently Asked Questions and any additional documentation published on the [Program webpage](#) as updated from time to time.

The design of the Sunshot Program has been informed by extensive consultation with a broad range of stakeholders. ARENA expects that the portfolio of Projects supported under the Program will establish the foundation for a resilient and innovative solar PV supply chain, supporting complementary businesses and industries.

ARENA acknowledges the challenge of competing in a globally mature supply chain but also recognises the significant contribution that Australian innovation has and will continue to make to this industry, and the importance of building resilience in a supply chain that is critical to Australia's energy transition. In balancing these challenges, ARENA will seek to support innovative Projects that can contribute to a resilient supply chain and that can demonstrate a viable pathway to commerciality in the long term.

The Program is aligned with the Economic Resilience and Security stream of the Australian Government's Future Made in Australia policy agenda and the Community Benefit Principles, which are focussed on investment in local communities, supply chains and skills, and the promotion of diverse workforces and secure jobs. The Program will support Projects that invest in the people, communities and regions that will drive solar PV supply chains, as well as the broader net zero transition. Projects funded by ARENA under the Program will:

- Engage collaboratively to achieve positive outcomes for local communities, First Nations communities, and the regions in which the Projects are located.
- Grow the solar PV workforce through creation of new safe and secure jobs and by providing opportunities for skills and training to support a skilled and inclusive workforce.
- Enhance resilience in the solar PV supply chain.

Applicants will be required to demonstrate how their Projects will engage with communities to provide meaningful and appropriate benefits.

1.Round 1B Objective and Outcomes

- 1.1 The Round 1B Objective is to fund Studies that support the Program Objectives by contributing to the following Outcomes:
- a. Lead to the development and operation of sustainable and commercial scale solar PV manufacturing facilities.
 - b. Support innovation and use of advanced automation in solar PV manufacturing facilities.
 - c. Reduce barriers to solar PV manufacturing.



2. Funding Allocation

- 2.1 The Round 1B Funding Allocation (**Round Funding Allocation**) is up to \$50 million. ARENA reserves the right to allocate an amount of funding that is lower or higher than the Round Funding Allocation if it considers this to represent value for money.
- 2.2 Funding provided under Round 1B will be in the form of Capital Grants.
- 2.3 The value of any **Funding Request** is to be specified by the Applicant. ARENA will provide the minimum amount of funding required to allow the Study to proceed.

3. Scope Requirements

- 3.1 ARENA expects that Applications under Round 1B will conform to the following scope requirements:
 - a. Applications will involve either a Feasibility Study or an Engineering Study (collectively, **Study** or **Studies**) on commercial-scale manufacturing of solar PV technologies of at least TRL 8 and CRI 3 including (but not limited to):
 - i Polysilicon and conversion of quartz to metallurgical silicon.
 - ii Ingots & Wafers.
 - iii Broader solar innovation and automation, including inverters, advanced deployment technologies, mounting structures, or other innovations which support improving solar performance and reducing delivered costs, consistent with achievement of ARENA's solar 30-30-30 goal.
 - b. Studies on solar PV modules, cells, other module components (e.g., framing and solar glass), commercially proven solar PV racking, tracking, and deployment technologies will not be supported under Round 1B.
 - c. It is expected that Capital Grants will be in the range of \$1 - \$5 million, making up no more than 50% of the Study budget. ARENA may accept Funding Requests outside this range, in its sole discretion.
- 3.2 ARENA may adjust or clarify these requirements at its discretion.

4. Eligibility Criteria

- 4.1 All of the Eligibility Criteria must be met by an Applicant.

Eligibility Criterion A – Eligible Applicant

- 4.2 To be an Applicant you must:

- 1.1. hold an Australian Business Number (ABN); and
 - a. be an Australian entity incorporated under the *Corporations Act 2001* (Cth).

Eligibility Criterion B – Eligible Study

- 4.3 The Applicant must be able to demonstrate to the satisfaction of ARENA that:
 - a. The Study meets the definition of either a Feasibility Study or Engineering Study under this Funding Announcement and includes consideration of a Project that addresses the Scope Requirements outlined in Part 3.
 - b. The Study applies to a site, or sites, located in Australia.
 - c. The Study will primarily take place in Australia.



- 4.4 For clarity, ARENA may consider funding activities that occur overseas where there is a benefit to the overall Study outcomes but will seek justification on why the activities cannot be carried out in Australia.

Eligibility Criterion C – Knowledge Sharing

- 4.5 As set out in section 3.14 – 3.16 of the Guidelines.

Eligibility Criterion D – Warrants and Compliance

- 4.6 As set out in sections 4.16 – 4.23 of the Guidelines.

5. Merit Criteria

- 1.2. Once an Application has been assessed to have satisfied the Eligibility Criteria, it will be assessed for overall value for money against the Merit Criteria. In assessing value for money, ARENA will need to be satisfied that the Applicant effectively demonstrates that the Study requires ARENA funding and is not commercially viable without ARENA support (otherwise known as additionality).
- 1.3. The Merit Criteria are equally weighted.
- 5.1 This section provides non-exhaustive guidance on how Applicants can demonstrate merit against each criterion. The amount of detail and supporting evidence Applicants provide in their Applications should correspond with the Study size, complexity, and Funding Request.

Merit Criterion A – Contribution to the Round Objective

- 5.2 This Merit Criterion assesses how well the Study contributes to the Round 1B Objective.
- 5.3 Applicants can demonstrate merit by making evident how the Study will:
- a. Lead to the development and operation of sustainable and commercial scale solar PV manufacturing facilities.
 - b. Support innovation and use of advanced automation in solar PV manufacturing facilities.
 - c. Reduce barriers to solar PV manufacturing.

Merit Criterion B – Applicant Capability and Capacity Overview

- 5.4 This criterion assesses the capability and capacity of the Applicant and Study Partners to deliver the Study.
- 5.5 Applicants can demonstrate merit by making evident their:
- a. Capability as relevant to the Study, including (but not limited to):
 - i management, commercial, professional, regulatory, and technical, expertise of the Applicant and Study partners.
 - ii track-record, including that of Study Partners and key personnel, in delivering outcomes from similar activities on time and on budget.
 - iii professional excellence and experience, as well as that of any Study Partners, including any relevant accreditations, quality standards and benchmarks.
 - b. Capacity as relevant to the Study, including (but not limited to):
 - i access to the resources, including personnel, physical resources and facilities required to deliver the Study, including confirmation that they will be available at the times required during the Study.
 - ii the nature and status of any agreements between Study Partners.



Merit Criterion C – Study Design, Methodology, Risk, and Compliance

- 5.6 This criterion assesses how well designed and planned the Study is, including scope and objectives, methodology, technical design, risk management, development and permitting processes, schedule, project management, and community engagement.
- 5.7 Applicants can demonstrate merit by making evident the quality and completeness of:
- a. The Study scope and objectives.
 - b. The design and delivery methodology of the Study.
 - c. The Application documentation, including Study Plan and other mandatory attachments.
 - d. The Study timeline.
 - e. Conditions for Study outcomes to proceed to further Project development.
 - f. Risk management information including risk identification and mitigation.
 - g. The extent to which the Study considers community engagement and community benefits as relevant to the Project, including the approach to local communities, First Nations groups, regional transitions, and the development of necessary skills to support Project implementation.
 - h. Compliance with any other requirements outlined in the Guidelines or Funding Announcement.

Merit Criterion D – Financial Viability and Co-Funding Commitment Overview

- 5.8 This criterion assesses:
- a. The financial capacity of Applicants and any Study Partners to deliver the Study and the levels of co-funding commitment,
 - b. Whether the Study is commercially viable without ARENA funding, and
 - c. Whether the amount of funding and the total cost of the Activity is appropriate (value for money), including how it compares to relevant industry benchmarks.
- 5.9 Applicants can demonstrate merit by making evident:
- a. The quality and completeness of the Study budget, including supporting evidence.
 - b. The total cost of the Study and providing a rationale for the Funding Request.
 - c. The level of definition and status of the financing information, including the financial capacity of the Applicant and Study Partners to deliver the Study, including the ability to contribute required equity to the Study and capacity to manage cost overruns.

6. Application and Assessment Process

- 6.1 This section outlines the high-level application and assessment process, including guidance and expectations for each stage of the application process. Applicants should read this section and Part 2 of the Program Guidelines in full prior to submitting an Application. The assessment process under Round 1B is a single stage Full Application.

Full Application

- 6.2 Applicants are strongly encouraged to contact ARENA to discuss their Study before submitting a Full Application. ARENA can provide guidance on the suitability of the Study against the Program Guidelines and the Funding Announcement.

- 6.3 Applicants may submit a Full Application at any time up to the Full Application Submission Due Date.
- 6.4 Full Applications must include the information outlined in Appendix A unless any of the requirements have been waived by ARENA. If the specified information is not provided, in the format set out in ARENANet or on the [Program webpage](#), ARENA reserves the right to request supplementary information or decline to assess the Full Application.

Submitting an Application

- 6.5 All Applications must be submitted online using ARENANet, or as otherwise directed by ARENA. ARENANet is accessible from the [Program webpage](#).
- 6.6 Applications are expected to be concise and provide only relevant information.
- 6.7 Further guidance on attachments and available templates are available on the [Program webpage](#).

Assessment Process

- 6.8 Subject to section 2.11 of the Guidelines, ARENA will assess the eligibility of Applicants and their Applications against the Eligibility Criteria set out in Part 4 of this Funding Announcement. Applications that do not meet all Eligibility Criteria will be considered ineligible and will not be assessed further.
- 6.9 Eligible Applications will be assessed against the Merit Criteria set out in Part 5 of this Funding Announcement.
- 6.10 ARENA may decline to assess those Applications it considers to be of obvious low merit against one or more Merit Criteria. As such they will not proceed to assessment by the ARENA Advisory Panel and will be excluded from further consideration.
- 6.11 A Ranked Process, as set out in section 2.25 – 2.26 of the Guidelines will not be used for Round 1B.
- 6.12 ARENA may, at any time during the application and assessment process, undertake the activities outlined in section 2.13 of the Guidelines.
- 6.13 Following assessment, ARENA may decide to award funding in accordance with section 2.15 – 2.17 of the Guidelines.

Portfolio Approach

- 6.14 ARENA reserves the right to apply a portfolio approach when offering funding under Round 1B, as set out in sections 2.18 - 2.19 of the Guidelines.

Collaboration

- 6.15 ARENA reserves the right to collaborate with Applicants to develop their application where appropriate, as set out in sections 2.21 – 2.24 of the Guidelines.

Due Diligence

- 6.16 ARENA may undertake due diligence activities, as set out in section 2.20 of the Guidelines.

Climate Performance

- 6.17 Climate performance requirements as set out in section 2.27 – 2.30 of the Guidelines apply under Round 1B.



7. Funding Agreements

Funding Offers

7.1 As set out in sections 3.1 – 3.7 of the Guidelines.

Funding Agreement

7.2 As set out in sections 3.8 – 3.10 of the Guidelines.

7.3 The Round 1B Funding Agreement template is available on the [Program webpage](#).

Use of Funding

7.4 As set out in sections 3.11 – 3.13 of the Guidelines.

7.5 Funding from ARENA must be used only for approved expenditure on the Study. Details of eligible expenditure are set out in Appendix B.

Knowledge Sharing and Publication of Study Information

7.6 As set out in sections 3.14 – 3.16 of the Guidelines. A template Knowledge Sharing Plan is not provided for Round 1B.

8. Key Dates

8.1 Round 1B opened on 31 August 2024.

8.2 The Full Application Submission Date is listed on the [Program webpage](#).

8.3 Other than in exceptional circumstances as determined by ARENA, ARENA will not accept a Full Application submitted after the relevant submission date.



Appendix A – Application Information Requirements

Full Application

- A.1 The following requirements apply to both Feasibility and Engineering Study applications, except as noted otherwise.
- A.2 **A detailed study plan document** that should include: (at a minimum):
- a. A clear description of the Study, including study objectives, and how these align to the Round 1B objectives.
 - b. Details of the management, technical, commercial, and professional expertise and experience of key personnel, relevant to the Study, including examples of similar studies (and outcomes) undertaken by the Applicant, partners, and key personnel
 - c. A Study timeline, including start and end dates, milestones (and phases and stage gates, if relevant);
 - d. A Study budget, including evidence of cost estimates and any assumptions;
 - e. Details of Study resourcing, roles and responsibilities, and any recruitment.
 - f. Details of the proportion (if any) of the Study that will take place outside Australia;
 - g. Details of any dependencies that are outside the control of the Applicant and Study Partners, such as any resources or approvals from third parties that are needed to start the Study (other than funding from ARENA),
 - h. Details to evidence the size of ARENA funding required, and why the Study would not proceed without ARENA funding.
 - i. An overview of the expected business case for the proposed Project including”
 - i. Approximate costs and benefits, and how these are expected to be assessed as part of a Final Investment Decision;
 - ii. For Engineering Studies only:
 - The expected investment hurdle/(s) will the Project be required to meet (e.g., simple payback, internal rate of return, etc.); and
 - The estimated amount of any additional grant funding required to implement the Project and the basis for this estimate
 - j. Details of proposed Knowledge Sharing including audience, deliverables, dissemination methods, and budget.
 - k. Any other relevant information including any investigation activities planned.
- A.3 A completed template budget sources and uses table.
- A.4 For Engineering Studies, an overview of the financial capacity of the Applicant and any Project partners to deliver the proposed Project, should it proceed.
- A.5 For Feasibility Studies, a **detailed risk management plan** identifying the key risks to the Study achieving its objectives and the proposed approach to mitigate the key risks.
- A.6 For Engineering Studies, a **detailed risk management plan** which should include (at a minimum):
- a. Identification of personnel risk and how this will be managed;
 - b. Identification of technology risk and how this will be managed;
 - c. Any other key Study risks and how they will be managed; and
 - d. Work Health and Safety.

- A.7 A **completed Funding Agreement Compliance Table**, outlining departures to the standard terms and conditions in the Funding Agreement template.
- A.8 **Any letters of support** of commitment from partners.
- A.9 Up to five (5) CVs of key personnel (limit of 2 pages per person).



Appendix B – Eligible Expenditure

- B.1 This Appendix specifies the kinds of expenditure that are eligible or not eligible for Studies seeking funding under Round 1B and is to be complied with:
- a. In the preparation of the Study budget that is submitted with a Full Application for funding under the Program; and
 - b. In the preparation of reports required under the Funding Agreements.
- B.2 Budgets should be realistic and feasible in relation to the nature of the Study and the expected cash flow. As part of a Full Application, Applicants are required to:
- a. Explain any underlying assumptions in the calculation of proposed expenditure;
 - b. Indicate where quotes have been received or contracts are already in place; and
 - c. Provide relevant document(s) to support expenditure calculations.
- B.3 If an Application is accepted for funding and a Funding Agreement is executed, ARENA will make payments as per the terms of the Funding Agreement. The amount and timing of funding to be paid will be determined on a case by case basis as part of the process of negotiating the Funding Agreement. Where an Applicant is in any doubt as to the eligibility of proposed expenditure, the Applicant must bring the matter to ARENA for decision. ARENA's determination on the eligibility of expenditure will be final.

General Principles

- B.4 The following general principles apply in the consideration of Eligible Expenditure:
- a. Eligible Expenditure is expenditure related directly to the undertaking of the Study and is calculated net of GST.
 - b. non-cash and in-kind contributions may be considered as Eligible Expenditure, provided that the Applicant can demonstrate to the satisfaction of ARENA that the requirements to be considered Eligible Expenditure is satisfied.
 - c. in-kind contributions are contributions for goods or services used on the Study where no cash payment has been made or transferred to the Recipient's account(s).
 - d. expenditure that is undertaken prior to the signing of the Funding Agreement may be eligible if prior written approval has been granted by ARENA.
 - e. Opportunity Costs are not Eligible Expenditure.
 - f. where resources are used both for a Study and unrelated activities elsewhere in the Recipient organisation, the cost of those resources should be appropriately apportioned to the Study on a pro rata basis according to the proportion that those resources are used on the Study. Where it is not possible to make such a proportionate allocation, the Recipient should allocate the cost of the resources on a reasonable basis and provide information to ARENA to support this allocation of the cost of the resources.
 - g. related party transactions must be treated on an at cost basis, without mark-up, unless the Recipient can demonstrate to the satisfaction of ARENA that the transaction has been calculated on an arm's-length basis. Generally accepted accounting principles are to be followed and it must be possible to track expenditure relating to the Study through a Recipient's accounting system to meet the financial reporting and audit requirements in the Funding Agreement.

Specific Eligibility Provisions

- B.5 The following is Eligible Expenditure:
- a. Contract expenditure is the cost of any activities to support the Study for the Recipient by another organisation. Such work must be substantiated with a written contract, which includes a

letter or purchase order, specifying the nature of the work to be performed for the Recipient any applicable fees, charges and other costs payable.

- b. It is not a requirement for contracts to be in place at the time of application. However, for major items of contract expenditure, such as purchases of major equipment items, Applicants will be expected to have some form of documentary evidence, such as written quotes from suppliers, to substantiate the expenditure included in the budget.
 - c. If a proposed contractor and the Recipient are not at 'arms-length', ARENA may request further information to satisfy itself that the amounts charged are reasonable for that work and contain no unacceptable overheads and no element of 'in group profit'. Organisations considered not at 'arm's-length' include related companies and companies with common directors or shareholders.
 - d. **Labour expenditure** includes salaries and wages, including reasonable on-costs for personnel employed directly on the Study. Labour on-costs include: workers' compensation insurance, employer contributions to superannuation, recreation and sick leave, long service leave accrual and payroll tax. Eligible labour expenditure is the gross amount paid or payable to an employee of the Applicant's or Recipient's company or organisation. Eligible salary includes any components of the employee's total remuneration package that are itemised on their Pay As You Go (PAYG) annual payment summaries submitted to the Australian Taxation Office (ATO). Recipients must provide evidence of time attributed to labour expenditure under the Funding Agreement. Such evidence could include timesheets, job cards or diaries.
 - e. **Expenditure** incurred prior to the execution of the Funding Agreement: ARENA reserves the right to approve expenditure incurred after ARENA has made a funding offer, but before a Funding Agreement has been executed. Requests must be submitted in writing after an offer of funding has been made. Note that any expenditure made before the execution of a Funding Agreement in the absence of ARENA's prior approval is ineligible and incurred at the sole risk of the Applicant.
 - f. **Administrative expenses**, including expenses incurred on communications, accommodation, computing facilities, travel, recruitment, printing and stationery, where such expenses are related directly to the Study.
 - g. **Equipment** including expenditure for plant installed for the Study at the full delivered cost of the plant. Where equipment or plant is used for construction of a Study, expenditure should be calculated on the basis of hire or lease costs, and running costs directly related to the construction of the Study, such as rent, power, fuel and repairs and maintenance.
 - h. Expenditure activities that directly contribute to or enable knowledge sharing or information collection for the Study including database development, websites, web-based applications (apps) and reports.
 - i. Expenditure on legal, audit and accounting costs related directly to the Study.
 - j. Expenditure related to the raising of funds for the Study, or the formation of consortia or joint ventures or other partnering arrangements, where such activities can be related directly to the Study.
 - k. Expenditure such as relevant licence fees or intellectual property purchase costs, where the Recipient needs to access specific technology to undertake the Study.
 - l. Expenditure related directly to obtaining government approvals to undertake the Study.
- B.6 B.6 Expenditure that does not fall under Eligible Expenditure can be included in the Study budget as ineligible expenditure, however ARENA funding can only be used for Eligible Expenditure. The Applicant should make it clear in the application any budget item it does not consider to be Eligible Expenditure. ARENA may seek evidence and clarification on any budget line items as part of its assessment.
- B.7 For the avoidance of doubt, expenditure that is not Eligible Expenditure includes, but is not limited to:
- a. expenditure related to the general operations and administration of the Applicant or Recipient

that the Applicant or Recipient could reasonably be expected to undertake in the normal course of business. This includes reasonable on costs (direct costs) for research institution overheads, which may be calculated at a maximum rate of 30 per cent of research staff salaries inclusive of on costs;

- b. expenditure on Studies that a local, state, territory or Commonwealth government agency has the responsibility to undertake, unless the Applicant or Recipient can demonstrate to the satisfaction of ARENA that the expenditure is related to a co-contribution;
- c. interest on loans for new and pre-existing capital items used for the Study.
- d. expenditure on the acquisition of land for a Study;
- e. sales or promotional activities that do not support directly the successful completion of the Study;
- f. membership fees;
- g. donations; or
- h. expenditure that does not directly support the successful completion of the Study.

Accounting Systems

- B.8 Recipients are required to have in place suitable accounting systems and to provide to ARENA assurances that the accounting system allows for the separate and accurate identification of contributions and Eligible Expenditure on the Project.
- B.9 A clear audit trail of all Study funding contributions and Eligible Expenditure to be available upon request and as required to meet the requirements in the Funding Agreement.



Glossary

ABN – Australian Business Number.

Applicant – an eligible organisation or institution as defined in Part 4 of this Funding Announcement that has submitted a Full Application under the Program.

ARENA – the Australian Renewable Energy Agency.

ARENA Act – the *Australian Renewable Energy Agency Act 2011* (Cth).

ARENA Advisory Panel – information on the members of the ARENA Advisory Panel is available from the ARENA website at arena.gov.au.

ATO – Australian Tax Office.

Capital Grant – a funding amount awarded by ARENA for a particular Study in return for the completion of specified milestones as outlined in the Funding Agreement. A Capital Grant is not to be confused with a gift or a loan. Capital Grants are subject to normal taxation treatment as income and no special taxation arrangements will apply to Capital Grants under Round 1B. A Capital Grant includes recoupable funding, that is, where some or all of the Capital Grant may be recouped by ARENA if certain conditions are met in accordance with the Funding Agreement.

CEC – Clean Energy Council.

Community Benefit Principles – as part of the Future Made in Australia policy agenda, the Government is establishing Community Benefit Principles to ensure public investment and the private investment it attracts flows to communities in ways that benefit local workers and businesses. The Community Benefit Principles are set out in subsection 10(3) of the Future Made in Australia Bill (introduced to Parliament on 3 July 2024). For the Purpose of the Program, the Community Benefit Principles will be defined based on the contents of the Future Made in Australia Bill. The Community Benefit Principles are to:

- Promote safe and secure jobs that are well paid and have good conditions.
- Develop more skilled and inclusive workforces, including by investing in training and skills development and broadening opportunities for workforce participation.
- Engage collaboratively with and achieve positive outcomes for local communities, such as First Nations communities and communities directly affected by the transition to net zero.
- Strengthen domestic industrial capabilities including through stronger local supply chains.
- Demonstrate transparency and compliance in relation to the management of tax affairs, including benefits received under Future Made in Australia Supports.

Conflict of interest – a situation where a person makes a decision or exercises a power in a way that may be, or may be perceived to be, influenced by either material personal interests (financial or non-financial) or material personal associations.

Consultant – a consultant or service provider engaged by ARENA to provide services to assist ARENA in the performance of its functions.

CP Satisfaction Date – the date for satisfaction of conditions precedent under the Funding Agreement, to be determined between ARENA and a Recipient.

DCCEEW – the Department of Climate Change, Energy, Environment and Water.

Due Date – the deadline for submission of all required application materials for Round 1B as outlined in Part 8 of this Funding Announcement.

Eligibility Criteria – the Eligibility Criteria for Projects listed in Part 4 of this Funding Announcement used to determine whether a Project will proceed for assessment against the Merit Criteria.

Engineering Study – ARENA defines an Engineering Study as a study conducted after completion of Conceptual Design or Feasibility Study and with the purpose of providing sufficient Project detail to enable a Final Investment Decision to be made and a subsequent Engineering, Procurement and Construction (**EPC**) contract to be executed.

EPBC Act - *Environment Protection and Biodiversity Conservation Act 1999* (Cth)

EPC – Engineering, Procurement and Construction.

Feasibility Study – ARENA defines a Feasibility Study as an assessment of the practicality of a proposed Project. A Feasibility Study aims to provide an independent assessment that examines all aspects of a proposed Project, including technical, economic, financial, legal, and environmental considerations. The Feasibility Study should demonstrate the economic case for the technology and associated energy or emission reductions while ensuring that the technological barriers are identified and are manageable.

FEED – Front-end engineering and design.

Financial Close – typically, the date at which all key Project documentation has been executed and any conditions precedent have been satisfied or waived.

Full Application – an application for funding to the Solar Sunshot Program, containing the content outlined in Appendix B.

Full Application Submission Date – the deadline for submission of all required application materials for a Full Application under Round 1B. The date will be maintained on the Program website.

Full Time Equivalent (FTE) – the ratio of the total number of paid hours during a period (part time, full time, contracted) by the number of working hours in that period Mondays through Fridays. The ratio units are FTE units or equivalent employees working full-time. In other words, one (1.0) FTE is equivalent to one employee working full-time.

Funding Agreement – the agreement between a Recipient and ARENA for funding under the Program.

Funding Announcement – the document published by ARENA that establishes a Funding Round and details the procedures and requirements for Applicants seeking funding.

Funding Request – the total funding being requested by a Study.

Funding Round – A call to market for applications for funding under the Program as set out in a Funding Announcement.

Guidelines – the Program Guidelines.

High Merit Projects – projects that are assessed as being of overall high merit against the Merit Criteria at Full Application stage.

IP – Intellectual property.

IRR – Internal Rate of Return.

Knowledge Sharing Plan – an agreement entered into between ARENA and the Recipient that outlines how knowledge and information from the Project will be collected, analysed, stored, used and shared.

LGC – Large scale generation certificate

MW – Megawatt.

Merit Criteria – the Merit Criteria listed in Part 5 of this Funding Announcement and used to assess the overall quality and value of a Project.

Minister – the Minister for Climate Change and Energy.

MOU – Memorandum of Understanding.

Offer to Negotiate – a non-binding offer to negotiate a Funding Agreement, issued to Applicants that are successful at the Full Application stage of the Round.

P&ID – Piping and Instrumentation Diagrams

PAYG – Pay As You Go.

Personnel – any employee, officer, consultant, contractor or staff made available to ARENA under section 62 of the *Australian Renewable Energy Agency Act 2011* (Cth).

Priority Technology – Those Priority Technologies identified for the Program listed in this Funding Announcement for the Round.

Proceedings – any litigation, arbitration, mediation, conciliation or proceeding or any investigations.

Program – the Solar Sunshot Program.

Program Objectives – the aims of the Program as described in Part 1 of this Funding Announcement.

Project – refers to delivery of the technology solution which forms the basis of the study.

PV – photovoltaic.

REC – Renewable Electricity Certificate.

Recipient – an entity that has entered into a Funding Agreement with ARENA for funding of a Project.

Related Body Corporate – has the meaning given to that term in section 9 of the *Corporations Act 2001* (Cth).

Round 1B – a Funding Round under the Solar Sunshot program, in which ARENA calls for applications for funding from Applicants in accordance with the requirements of the Program Guidelines and Funding Announcement.

Round Funding Allocation – the total funding allocated for Round 1B.

Round Objectives – the aim of the Funding Round as described in Part 1 of this Funding Announcement.

Study or Studies – a Feasibility Study or an Engineering Study proposed to be delivered as set out in the Application.

Study Partners – a person, organisation or institution that the Applicant has engaged as a joint venture, contractor, financier, customer or consultant to help deliver the Study as part of its application.

Study plan – a document that summarises the details of the Study and should include the content noted in Appendix B.

Total Funding Allocation – the total funding allocated for the Program.



Canberra

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