# CONTACT DETAILS

|  |  |
| --- | --- |
| **INTENDING OR CURRENTLY REGISTERED FINANCIALLY RESPONSIBLE MARKET PARTICIPANT (FRMP)** | |
| **Date** |  |
| **Applicant name**  Full name e.g. The First Energy Company Pty Ltd (trading as Energy First) |  |
| **ABN / ACN** |  |
| **Contact Name** |  |
| **Contact Position Title** |  |
| **Street address**  Incl. State and Postcode |  |
| **Postal address** |  |
| **Phone** (including area code) |  |
| **Email** |  |
| **Finance contact for invoicing** |  |
| **Finance email** (Accounts Payable) |  |
| **Finance phone number** |  |
| **DEVELOPER OR DESIGNER** | |
| **Developer/designer name**  Full name e.g. The First Energy Company Pty Ltd (trading as Energy First) |  |
| **Contact name** |  |
| **Phone** (including area code) |  |
| **Email** |  |
| **If more than one applicant, please nominate primary contact** | |
| **Primary contact name** |  |
| **Primary contact email** |  |
| **PLANT OWNER / OPERATOR (where known)** | |
| **Owner/operator name**  Full name e.g. The First Energy Company Pty Ltd (trading as Energy First) |  |
| **Contact name** |  |

# PROPOSED CONNECTION INFORMATION

|  |  |
| --- | --- |
| **Site name** |  |
| **Proposed works** | Choose an item. |
| **Connection point voltage (kV)** | Choose an item. |
| **Proposed transmission network connection point**  Specify line and distance along line; and/or terminal station.  If a new terminal station is proposed, provide details of access arrangements for third parties. |  |
| **Preferred site location and its GPS coordinates**  List any alternatives in order of preference.  Specify land size, size of substation/land allocation.  Where possible, include map with indicative proposed project site boundaries. |  |
| **Development approvals**  Have discussions commenced on land usage/permits?  Provide details of planning submissions and/or approved permits, where applicable. |  |
| **Technology of proposed generating unit**  e.g. synchronous generating unit, induction generator, PV array etc |  |
| **Original equipment manufacturer (OEM), if known** |  |
| **Maximum power generation or demand whole plant at the connection point**  This will be used to calculate your short circuit ratio (SCR) | MW (generation or load capacity) |
| **Maximum direct current (DC) power generation: Solar farms only** | MW |
| **Expected energy production or consumption** | MW per month |
| **Nature of any disturbing load**  (Size of disturbing component MW/MVAr, duty cycle, nature of power electronic plant which may produce harmonic distortion) |  |
| **Special requirements of proposed connection**  E.g. amount and timing of power required during construction, any auxiliary power requirements, estimated generation or load profile etc. |  |

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| --- | --- | --- | --- | --- | --- | --- |
| CONFIGURATION | Gas | Wind | Solar | BESS | Load | Other |
| # Units, if known  For example, number of wind turbines |  |  |  |  |  |  |
| MVA per unit (or load capacity) |  |  |  |  |  |  |
| Total MW at connection point per technology |  |  |  |  |  |  |

# PRE-APPLICATION PACKAGE OPTIONS

|  |  |  |
| --- | --- | --- |
| Category | Pre-application work package | Indicate Interest with an X |
| Scope Item 1  Project program | * Define project program, accountabilities, and dependencies * Cost estimate for connection application process, including scope and assumptions. |  |
| Scope Item 2  Provision of Location Specific Critical Network Information | * Confirm the critical contingencies to be modelled * Confirm applicable system fault levels for project design * Identify special protection or operating schemes potentially affecting the project * Update information previously provided in the Preliminary Impact Assessment (where necessary) |  |
| Scope Item 3  Location Specific Constraints and Project Scope Assessment | * Identify current network constraints at location to finalise connection options * Preliminary constraint and system condition advice to;   Advise recommended scope changes  Advise optimal plant configuration for grid connection success |  |
| Scope Item 4  Infrastructure and contracts | * Agree preliminary connection arrangement * Draft primary & secondary infrastructure specifications (scope of analysis agreed up front) * Agree procurement arrangements:   Contestable or non-contestable  Confirm the DTSO, whether via tender or appointed   * Confirm the role of AusNet, whether regulated or commercial * Agree on contract structure |  |
| Scope Item 5  System models and performance standards | * Advise proponent on base case parameters e.g. system conditions, committed generators, network augmentations. * Expectations of the scope and methodologies of the studies. Study scope definition and alignment will also assist AEMO with project due diligence assessment following application submission. |  |
| Scope Item 6  Preliminary model tuning assessment | * Conduct basic preliminary model acceptance testing of the proposed plant’s models (PSS/e and PSCAD) and asses the performance against key GPS clauses (NER S5.2.5.1, S5.2.5.4, S5.2.5.5. S5.2.5.13). * Provide report of assessment results and recommendations for model improvements. * AEMO’s Victorian Connections team can hold preliminary discussions with OEMs. |  |

# VICTORIAN GOVERNMENT REPORTING

AEMO periodically reports basic details on the connection project pipeline to the Victorian Government, to facilitate coordination of related government processes. This information may also be shared with DTSOs. The purpose of this information sharing forum is for Victorian Government in keeping up to date with generator connections to help with meeting our renewable targets and for future planning. Reporting covers the following information types:

* Project and proponent name
* OEM
* Capacity
* Technology
* Connection stage.
* Connection status, Project milestones/timelines

Any non-public project information reported to the Victorian Government will be shared on an expressly confidential basis.

**You must complete one of the following options:**

I consent to AEMO’s disclosure of project information to the Victorian Government.

I do not consent to AEMO’s disclosure of project information to the Victorian Government, other than Key Connection Information (KCI) or otherwise publicly available information.

# HOW TO SUBMIT THIS FORM

Please email this form and any additional support information you think useful to:

[**vic.connections@aemo.com.au**](mailto:vic.connections@aemo.com.au)

# NEXT STEPS

Once you submit a Pre-application form, AEMO will:

1. Assess the pre-application packages you have chosen.
2. Provide a Scope of Works document to review and approve.
3. Commence working on Pre-application packages.
4. Advise invoices will be issued monthly based on [hourly rates](https://aemo.com.au/-/media/files/electricity/nem/participant_information/fees/generator-connection-application-fees.pdf?la=en).

# More Information

|  |  |
| --- | --- |
| Victorian Transmission Connections enquiries | [vic.connections@aemo.com.au](mailto:vic.connections@aemo.com.au) |
| Victorian Connections Transmission Process overview | <https://aemo.com.au/en/energy-systems/electricity/national-electricity-market-nem/participate-in-the-market/network-connections/victorian-transmission-connections> |
| Victorian Annual Planning Report | <https://aemo.com.au/en/energy-systems/electricity/national-electricity-market-nem/nem-forecasting-and-planning/victorian-planning/victorian-annual-planning-report> |
| AEMO’s Information and Support Hub | [supporthub@aemo.com.au](mailto:supporthub@aemo.com.au) or call **1300 236 600** |