

Draft Basis of Bid Q4 2023 Tender

1. Terms of the Basis of Bid

Access Right proponents (**Proponents**) are required to develop their Q4 tender submission in accordance with the information detailed within this Basis of Bid (**BoB**) document. The information listed in the BoB can be broadly categorized as:

1. **EnergyCo Assumption:** EnergyCo's assumption of the Project based on the IPP process to date. Proponent may be requested to confirm this information during the tender process to be included in the Access PDA to be executed.
2. **EnergyCo Input:** Fixed Information from EnergyCo to be used by the Proponent to complete its tender response. To the extent that an input is to become contractually binding, the corresponding contract artefact will form part of the final contract, as detailed in the 'related artefact and description' column.

Unless expressly defined otherwise, capitalised terms in this document take their meaning from the "Project Development Agreement (Project with an Access Right)" (**PDA**) and Access Payment Deed (**APD**).

2. Table of Contents

Key items within BoB are listed below:

Item	Description
1. Project Characteristics	EnergyCo's assumptions of key characteristics of the Project. These will need to be confirmed by the Proponent during the tender process and included in Access PDA Schedule 3 (Project Characteristics). Material changes to these will need to follow the change process set out in the Access PDA.
2. Key Project Equipment	Key Project Equipment is Proponent's key equipment and deliverables, changes to which may require changes to the RNI and involve additional costs to Network Operator and as such will need to follow a change process set out in the Access PDA. The BoB provides the input to be considered when Proponent completes Access PDA Schedule 4 (Key Project Equipment).
3. Network Infrastructure	Defines key characteristics of the H2P network that will be available by the RNI Infrastructure Completion Date for the Project to connect to. EnergyCo inputs in the BoB will be pre-filled for Access PDA Schedule 5 (Network Infrastructure).

4. Indicative milestones	Includes RNI and generator related milestones. Where a milestone is expected to be an EnergyCo Assumption it is identified in 'Related artefact and description' column.
5. Draft Access Fee inputs	EnergyCo's input relating to Proponent's Project to calculate the Access Fee.
6. Draft information on bonding	EnergyCo's input relating to Proponent's Project to calculate the Security.

3. Basis of Bid for [insert Connection Point name]

Item	Value (EnergyCo Assumption/Input)	Related artefact and description
1. Project Characteristics (Access PDA Schedule 3)		
1.1 Location		
1.1.1 EnergyCo property acquisition boundary and exclusion zones within generator project area	Exhibit 1	EnergyCo Input to be used by Proponent to provide the input to be included in Access PDA Schedule 3 – Project Characteristics (Boundary extent)
1.2 Technical Overview		
1.2.1 Market facing Primary Technology	[Insert Solar/ Wind/ BESS]	EnergyCo Assumption for Access PDA Schedule 3 – Project Characteristics (Technical Overview). Proponent to confirm via tender submission
1.2.2 Hybrid/behind the meter BESS	[Insert Yes/No]	EnergyCo Assumption for Access PDA Schedule 3 – Project Characteristics (Technical Overview). Proponent to confirm via tender submission
1.2.3 Maximum Capacity (MWac) at Connection Point (same as Access Rights sought)	[insert]MWac	EnergyCo Assumption for Access PDA Schedule 3 – Project Characteristics (Technical Overview). Proponent to confirm via tender submission
1.3 Original Equipment Manufacturer (OEM) for market facing Primary Technology		
1.3.1 Individual unit	Inverter/ turbine OEM: [insert] Model: [insert]	EnergyCo Assumption for Access PDA Schedule 3 – Project Characteristics (Original Equipment Manufacturer (OEM) for market facing Primary Technology).

Item	Value (EnergyCo Assumption/Input)	Related artefact and description
		Proponent to confirm via tender submission.
1.3.3 Market facing Primary Technology Nameplate capacity (MWh) (if item 1.2.1 above is BESS)	[insert]MWh	EnergyCo Assumption for Access PDA Schedule 3 – Project Characteristics (Original Equipment Manufacturer (OEM) for market facing Primary Technology). Proponent to confirm via tender submission.
1.3.4 Online inverter controller type	[insert grid following/ grid forming]	EnergyCo Assumption for Access PDA Schedule 3 – Project Characteristics (Original Equipment Manufacturer (OEM) for market facing Primary Technology). Proponent to confirm via tender submission.
1.4 Original Equipment Manufacturer (OEM) for Hybrid/behind the meter BESS (if applicable)		
1.4.1 Individual unit	Inverter OEM: [insert] Model: [insert]	EnergyCo Assumption for Access PDA Schedule 3 – Project Characteristics (Hybrid/behind the meter BESS). Proponent to confirm via tender submission.
1.4.2 Hybrid/behind the meter BESS Nameplate rating (MWac)	[insert]MWac	EnergyCo Assumption for Access PDA Schedule 3 – Project Characteristics (Hybrid/behind the meter BESS). Proponent to confirm via tender submission.
1.4.3 Hybrid/behind the meter BESS Nameplate capacity (MWh)	[insert]MWh	EnergyCo Assumption for Access PDA Schedule 3 – Project Characteristics (Hybrid/behind the meter BESS). Proponent to confirm via tender submission.
1.4.4 Online inverter controller type	[insert grid following/ grid forming]	EnergyCo Assumption for Access PDA Schedule 3 – Project Characteristics (Hybrid/behind the meter BESS). Proponent to confirm via tender submission.
1.4.5 Configuration	[insert AC-coupled, DC-coupled]	EnergyCo Assumption for Access PDA Schedule 3 – Project Characteristics (Hybrid/behind the meter BESS). Proponent to confirm via tender submission.

Item	Value (EnergyCo Assumption/Input)	Related artefact and description
2. Key Project Equipment (Access PDA Schedule 4)		
ACE Energy Primary and Secondary Systems Functional Requirements	Exhibit 2	EnergyCo Input to be used by Proponent to provide the input to be included in Access PDA Schedule 4 – Key Project Equipment
3. Network Infrastructure (Access PDA Schedule 5)		
3.1 Designated Energy Hub	Name: [insert] Address: [insert]	EnergyCo Input for Access PDA Schedule 5 – Network Infrastructure (Designated Energy Hub)
3.2 Hub to Project (H2P) Infrastructure	Switching station name: [insert] Connection Point Easting: [insert] Connection Point Northing: [insert] Connection voltage: 330kV Limit of single credible contingency event (MW)/ Connection Point: 700MW	EnergyCo Input for Access PDA Schedule 5 – Network Infrastructure (Hub to Project (H2P) Infrastructure)
3.3 Hub to Project Drawings	1. CWO REZ overall single line diagram (Exhibit 3) 2. H2P switching station general arrangement (Exhibit 4) 3. H2P switching station single line diagram (Exhibit 5) 4. H2P switching station interface (Exhibit 6) 5. H2P switching station protection control (Exhibit 7)	EnergyCo Input for Access PDA Schedule 5 – Network Infrastructure

Item	Value (EnergyCo Assumption/Input)	Related artefact and description
	6. H2P switching station auxiliary supply (Exhibit 8) 7. H2P switching station communications (Exhibit 9)	
4. Indicative milestones		
4.1 Network/EnergyCo related milestones		
4.1.1 Target Infrastructure Completion Date	[insert dd/mm/yyyy]	EnergyCo Input for Access PDA. Target Infrastructure Completion Date is intended to be the target date when the Network Operator has completed all work within its scope required to provide an energised connection point to the generator.
4.1.2 Baseline HPO Commencement date	[insert dd/mm/yyyy]	EnergyCo Assumption for the purpose of tender preparation. Not related to PDA. May be updated in the final BoB to be provided prior to Financial Value tender phase.
4.1.3 Baseline Release to HP1	[insert dd/mm/yyyy]	EnergyCo Assumption for the purpose of tender preparation. Not related to PDA. May be updated in the final BoB to be provided prior to Financial Value tender phase.
4.1.4 Baseline Release to HP2	[insert dd/mm/yyyy]	EnergyCo Assumption for the purpose of tender preparation. Not related to PDA. May be updated in the final BoB to be provided prior to Financial Value tender phase.
4.1.5 Baseline Release to HP3	[insert dd/mm/yyyy]	EnergyCo Assumption for the purpose of tender preparation. Not related to PDA. May be updated in the final BoB to be provided prior to Financial Value tender phase.
4.1.6 Baseline Release to HP4	[insert dd/mm/yyyy]	EnergyCo Assumption for the purpose of tender preparation. Not related to PDA. May be updated in the final BoB to be

Item	Value (EnergyCo Assumption/Input)	Related artefact and description
		provided prior to Financial Value tender phase.
4.1.7 Baseline Complete HP4	[insert dd/mm/yyyy]	EnergyCo Assumption for the purpose of tender preparation. Not related to PDA. May be updated in the final BoB to be provided prior to Financial Value tender phase.
4.1.8 Port to REZ state road upgrades required for OSOM completed	[insert dd/mm/yyyy]	EnergyCo Assumption for the purpose of tender preparation. Not related to PDA. May be updated in the final BoB to be provided prior to Financial Value tender phase.
4.2 Generator related milestones		
4.2.1 Target FID Date	[insert dd/mm/yyyy]	EnergyCo Assumption for the purpose of tender preparation. Proponent to confirm in submission to Financial Value phase
4.2.5 First Commissioning Target Date	[insert dd/mm/yyyy]	EnergyCo Assumption for the purpose of tender preparation. Proponent to confirm in submission to Financial Value phase. Currently defined in the Access PDA as the date on which the Energisation Conditions for the Project are satisfied or waived by EnergyCo.
4.2.7 Indicative date when the road access to the NO switching station needs to be available	[insert dd/mm/yyyy]	EnergyCo Assumption for the purpose of tender preparation. Not related to PDA. In the event the road is not available by this date the NO may use the transmission line easement to access the site
4.2.8 Date when the auxiliary supply to the NO switching station needs to be available	[insert dd/mm/yyyy]	EnergyCo Assumption for the purpose of tender preparation. Not related to PDA. NO will provide its own primary auxiliary supply from the RNI and requires an alternative auxiliary supply from the Access Right Holder in the event the primary auxiliary supply is temporarily unavailable.
5. Draft Access Fee assumptions [Note: Final information to be provided prior to Financial Value phase]		

Item	Value (EnergyCo Assumption/Input)	Related artefact and description
5.1 Access Fee payable date	60 days from the Infrastructure Completion Date	EnergyCo Input for clause 4(c) of APD.
5.2 Minimum viable distance (km) [Note: Delete if direct cost recovery model for H2P is confirmed]	[insert]km	EnergyCo Input to calculate H2P related access fee as required under Access PDA.
5.3 Maximum Capacity (MWac)	Same as 1.2.3	EnergyCo Assumption for Access PDA Schedule 3 – Project Characteristics. Proponent to confirm in submission to initial project bid.
5.4 Project specific variable [Note: Delete if direct cost recovery model for H2P is confirmed]	[Insert \$m]	EnergyCo Input to calculate H2P related access fee as required under Access PDA.
5.5 Connection period	[insert]years	EnergyCo Assumption for APD. Proponent to confirm in submission to Financial Value phase
6. Draft information on bonding <i>[Note: Final information to be provided prior to Financial Value phase]</i>		
6.2 H2P Cancellation Security	Date required by: [insert] Amount: [insert \$m]	EnergyCo Assumption for APD. May be updated in the final BoB to be provided prior to Financial Value tender phase. To cover the risk that a Project does not proceed before the date by when the cancellation rights for the H2P component expire (currently targeted to be 30 Jun 2025).
6.3 H2P Delivery Security	Date required by: [insert] Amount: [insert \$m]	EnergyCo Assumption for APD. May be updated in the final BoB to be provided prior to Financial Value tender phase. To cover wasted H2P design and construction costs if a CWO REZ Access Right Project does not proceed to Generator Energisation.
6.4 H2P Energisation Security	Date required by: [insert]	EnergyCo Assumption for APD. May be updated in the final BoB to be provided prior to Financial Value tender phase. To

Item	Value (EnergyCo Assumption/Input)	Related artefact and description
	Amount: [insert \$m]	cover wasted H2P design and construction cost if a CWO REZ Access Right Project does not proceed to COD after Generator Energisation.
6.5 Centralised System Strength Security	Date required by: [insert] Amount: [insert \$m]	EnergyCo Assumption for APD. May be updated in the final BoB to be provided prior to Financial Value tender phase. To cover the loss of the Centralised System Strength component of the CWO REZ Access Fee revenue if a Project with a CWO REZ Access Right defaults during the term of the CWO REZ Access Scheme.
6.6 Operations Security	Date required by: [insert] Amount: [insert \$m]	EnergyCo Assumption for APD. May be updated in the final BoB to be provided prior to Financial Value tender phase. To cover the loss of CWO REZ Access Fee revenue if a CWO REZ Access Right Project defaults during the term of the CWO REZ Access Scheme.

4. Exhibits

Exhibit 1 - EnergyCo property acquisition boundary and exclusion zones within generator project area

Exhibit 2 - ACE Energy Primary and Secondary Systems Functional Requirements

Exhibit 3 - CWO REZ overall single line diagram

Exhibit 4 - H2P switching station general arrangement

Exhibit 5 - H2P switching station single line diagram

Exhibit 6 - H2P switching station interface

Exhibit 7 - H2P switching station protection control

Exhibit 8 - H2P switching station auxiliary supply

Exhibit 9 - H2P switching station communications

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