



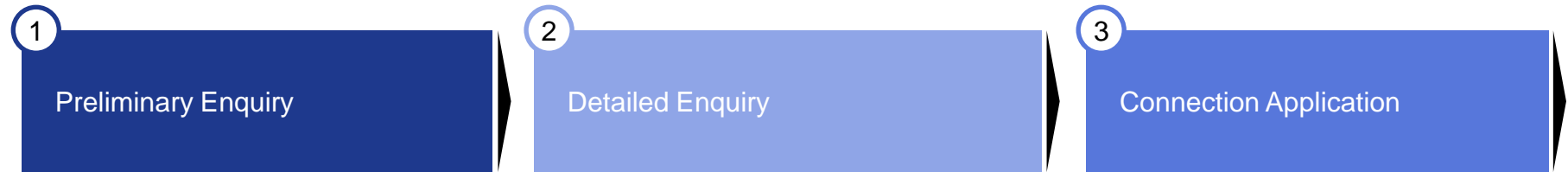
Large Embedded Generation Connection Process Description

Customer portal
23/01/2019



Three-stage application process

We have designed a structured process for large embedded generator applicants when seeking to connect to our network.



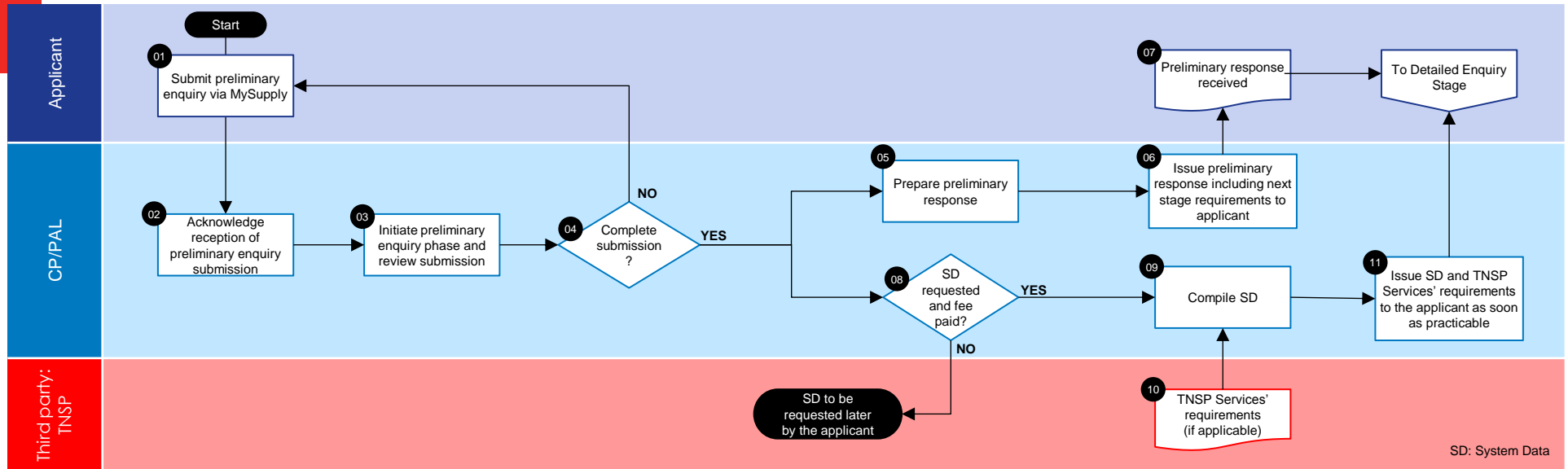
In this connection process, the duration of each stage from preliminary enquiry to connection offer may vary depending on a range of factors including:

- Capacity constraints and complexity of the network at the proposed point of connection
- Input and dependence on third parties – AEMO (beyond the 20 business days provided in process), TNSP Services, and/or other parties
- Changes initiated by the applicant to the requested connection (e.g. increasing the installation capacity, changing wind turbine or solar inverter types, etc.)
- Negotiations with respect to the terms and conditions
- Special connection requirements if applicable (i.e. a Regulatory Investment Test for Distribution (RIT-D))

Notes:

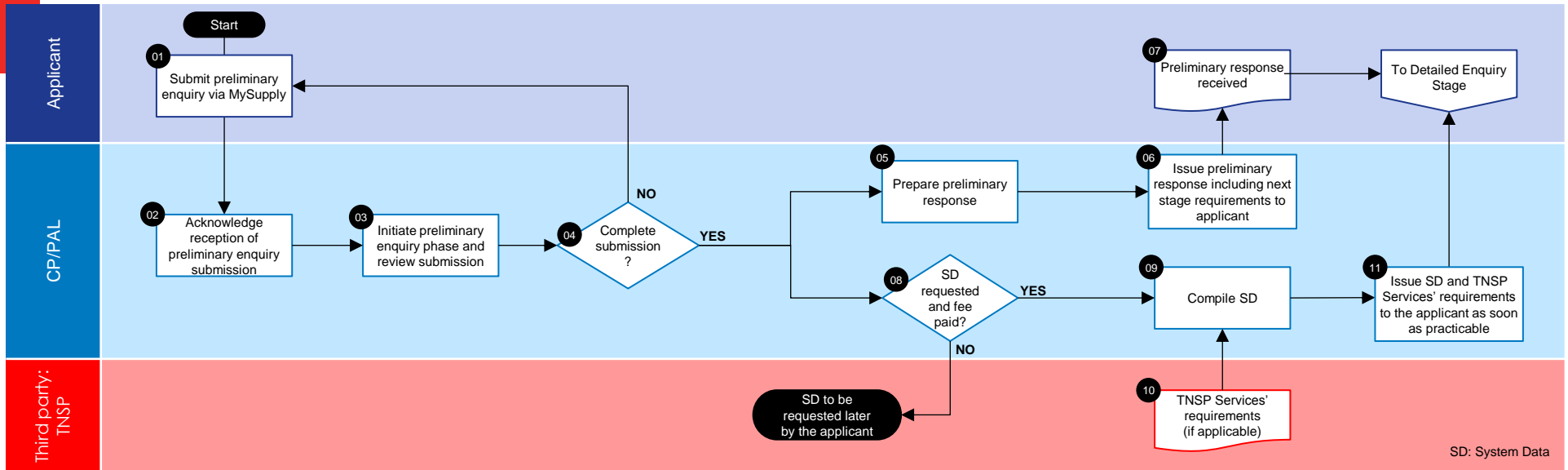
- This process concerns large embedded generation connection applications typically above 5 MW
- The above timeframes do not include the time taken for applicant to prepare their own submissions
- Costs will depend on offers provided by TNSP Services for transmission augmentation works, where applicable

1 Preliminary Enquiry – Typically 3 weeks from complete submission



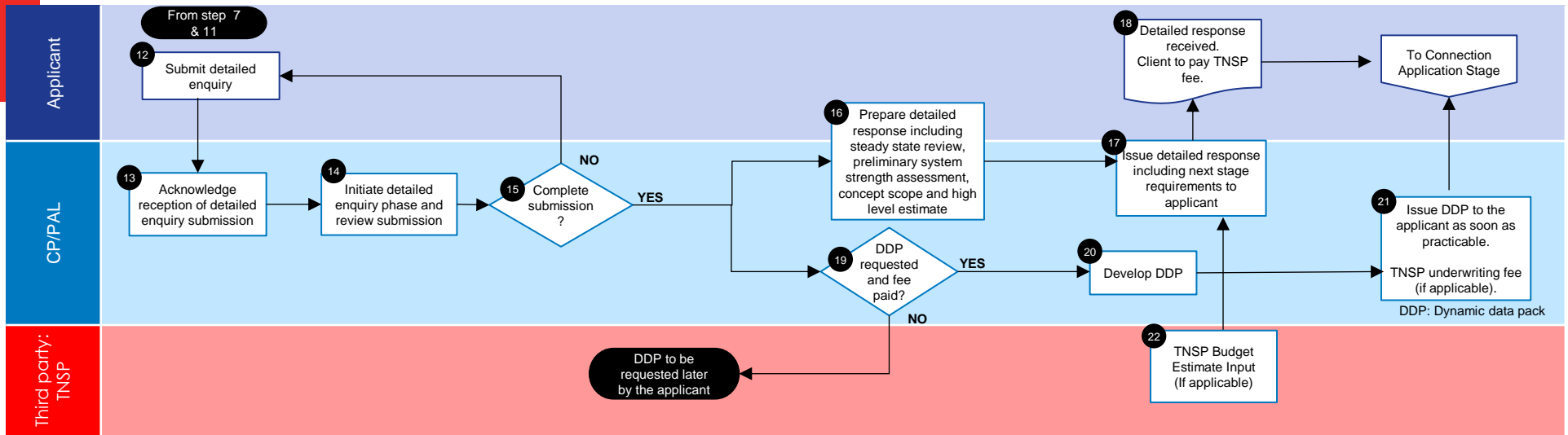
	Applicant	CP/PAL
1	<ul style="list-style-type: none"> ✓ The preliminary enquiry stage commences when the applicant lodges a preliminary enquiry to CP/PAL through 'MySupply' website. ✓ The applicant may notify intent to request system data from CP/PAL in the preliminary enquiry application. 	
2 - 4		<ul style="list-style-type: none"> ✓ Upon receiving the preliminary enquiry application, CP/PAL provides an automated response to the applicant to acknowledge receipt. ✓ If the enquiry is incomplete, CP/PAL informs the applicant within 5 business days in regard to any deficiency and/or any rectification required. The applicant will have to resubmit a complete application.
5 - 6		<ul style="list-style-type: none"> ✓ If the application is complete, a preliminary response is provided to the applicant generally within 15 business days. ✓ The preliminary response includes requirements for the applicant to proceed to the next stage.
7	<ul style="list-style-type: none"> ✓ The applicant receives the preliminary response from CP/PAL. ✓ If the applicant decides to proceed to the next stage, the applicant must lodge the detailed enquiry application, pay the applicable fee and lodge the steady state studies for future review. 	

1 Preliminary Enquiry – Typically 3 weeks from complete submission



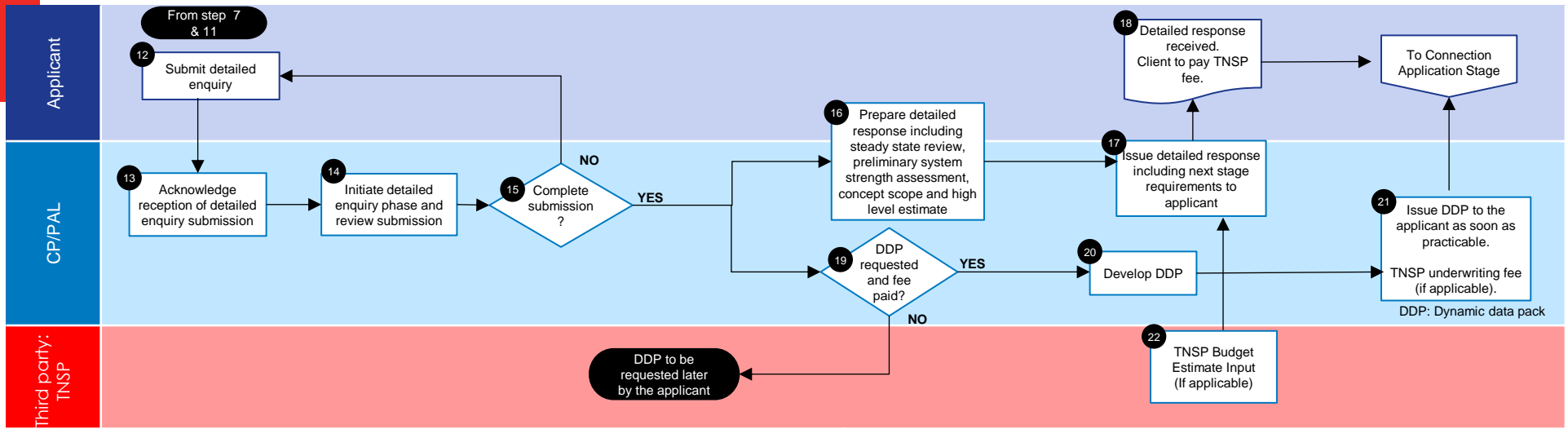
	Applicant	CP/PAL
8 - 11	<ul style="list-style-type: none"> ✓ Where system data are requested as a part of the preliminary enquiry stage, a fee is payable to CP/PAL. ✓ All system data requirements and associated costs will be set out in correspondence to the applicant to support their decision making process for transitioning to the next stage. ✓ Note: The system data will allow the applicant to submit the steady state studies required within the detailed enquiry application. 	<ul style="list-style-type: none"> ✓ System data are compiled and provided to the applicant upon request and payment of invoice to CP/PAL. CP/PAL offers the system data compilation as a fast tracking option as part of the preliminary enquiry stage, and will use best endeavours to issue it as soon as practicable. ✓ If required, information from TNSP Services will be provided to the applicant as soon as practicable.

2 Detailed Enquiry – Typically 6 weeks from complete submission



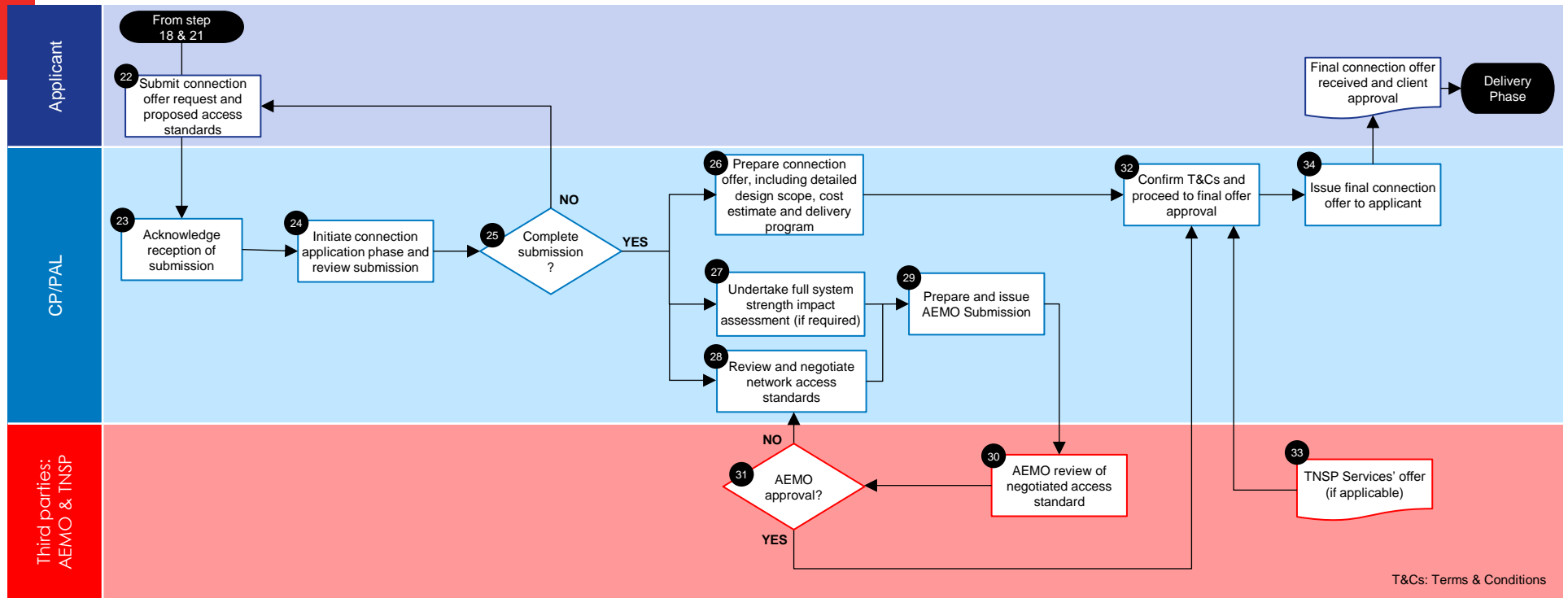
	Applicant	CP/PAL
12	<ul style="list-style-type: none"> ✓ The detailed enquiry stage commences when the applicant submit a detailed enquiry to CP/PAL. The application is complete if: <ol style="list-style-type: none"> The detailed enquiry fee is paid; A complete detailed enquiry application is lodged; All information previously requested is provided (including steady state studies). ✓ The applicant may notify intent to request the Dynamic Data Pack in the detailed enquiry application. 	
13-15		<ul style="list-style-type: none"> ✓ Once the applicant has made a detailed enquiry, CP/PAL acknowledges receipt of the application within 5 business days. ✓ If the enquiry is incomplete, CP/PAL informs the applicant within 10 business days in regard to any deficiency and/or any rectification required. The applicant will have to resubmit a complete application.
16-17		<ul style="list-style-type: none"> ✓ If the application is complete, CP/PAL prepares the detailed response, which will be generally provided to the applicant within 30 business days, unless otherwise agreed. ✓ As part of the detailed response preparation, CP/PAL: <ol style="list-style-type: none"> Undertakes the review of the steady state studies; Undertakes a preliminary system strength assessment; Develops the concept scope; Provides commercial information in the form of a non-binding initial estimate; Provides standard T&Cs.

2 Detailed Enquiry – Typically 6 weeks from complete submission



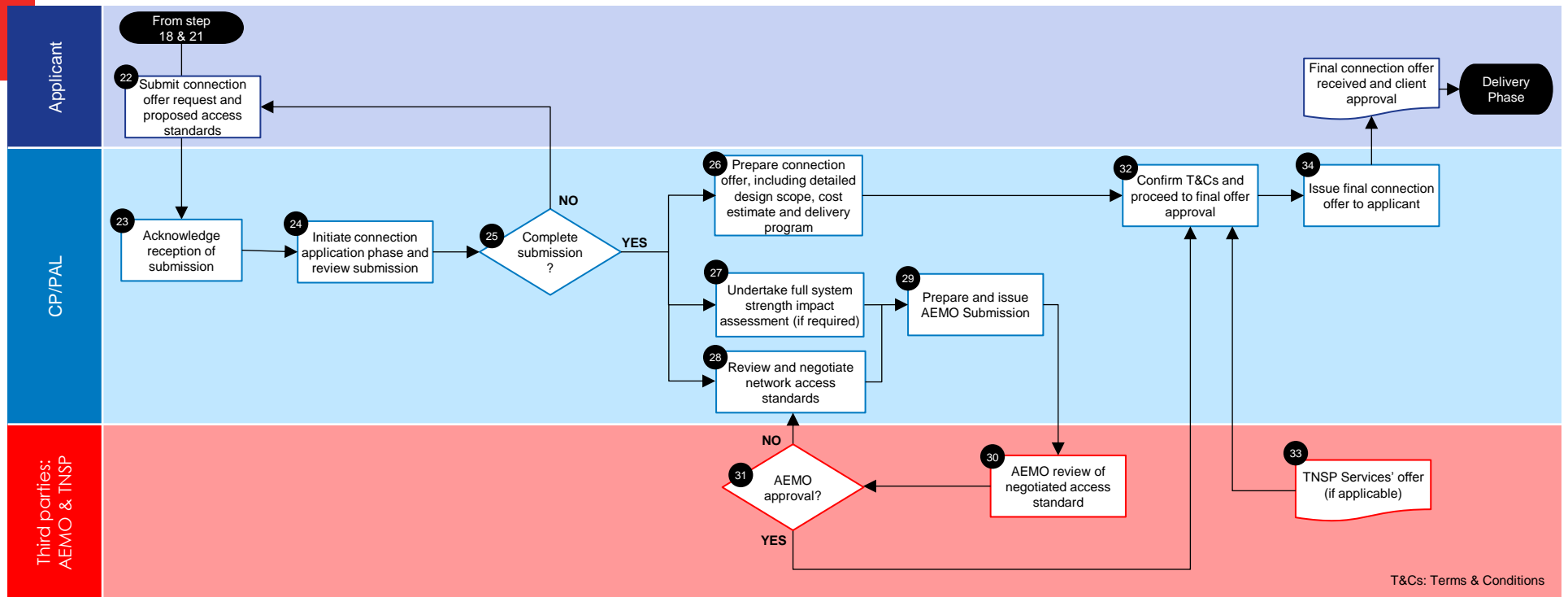
	Applicant	CP/PAL
18	<ul style="list-style-type: none"> ✓ The applicant receives the detailed response from CP/PAL, including: <ol style="list-style-type: none"> The steady state studies reviewed; The outcome of the Preliminary Impact Assessment; A concept scope associated with a non-binding initial estimate; A provision of standard T&Cs. ✓ The applicant has then the opportunity to review the material contained in the detailed response from CP/PAL and decide whether to proceed to the connection application stage. If applicable, the applicant decides whether to require a firm price quote from TNSP Services. ✓ If the applicant opts to proceed, an additional fee for the connection application is payable to CP/PAL and (if applicable) to any third parties to proceed to the connection application. For the connection application, the applicant is also requested to provide proposed access standard and comments on the T&Cs. 	
19-21	<ul style="list-style-type: none"> ✓ Where the Dynamic Data Pack is requested as a part of the detailed enquiry stage, a fee is payable to CP/PAL. ✓ Note: The Dynamic Data Pack allows the applicant to propose access standard, required as an input for the connection application if the network automatic access standard is not met. 	<ul style="list-style-type: none"> ✓ The Dynamic Data Pack is developed and provided to the applicant upon request and payment of invoice to CP/PAL. CP/PAL offers the Dynamic Data Pack development as a fast tracking option as part of the detailed enquiry stage, and will use best endeavours to issue it as soon as practicable.
22		<ul style="list-style-type: none"> ✓ CP/PAL will request a budget estimate from the TNSP (if applicable).

3 Connection Application – Typically 4 months from complete submission



	Applicant	CP/PAL
22	<ul style="list-style-type: none"> ✓ The connection application stage commences when the applicant submits a connection offer request to CP/PAL. The application for connection must be in accordance with the information specified in the detailed response including payment of the applicable fee (including relevant TNSP and AEMO fees) for an application to connect. 	<ul style="list-style-type: none"> ✓ Note: CP/PAL suggests that T&Cs are confirmed within the first two months to avoid potential delays reaching agreement.
23-25	<ul style="list-style-type: none"> ✓ CP/PAL will generally provide an offer to connect within 4 months subject to: <ol style="list-style-type: none"> A technically compliant application being lodged by the applicant; Payment of the relevant fee; Provision of information from third-parties as required. ✓ Note: Where a technical dispute arises and requires resolution, the timeframe may be extended beyond a 4 month period. 	<ul style="list-style-type: none"> ✓ Once CP/PAL has received the application to connect, it is reviewed by CP/PAL. ✓ If the application is incomplete, CP/PAL informs the applicant within 10 business days in regard to any deficiency and/or any rectification required. The applicant will have to resubmit a complete application.

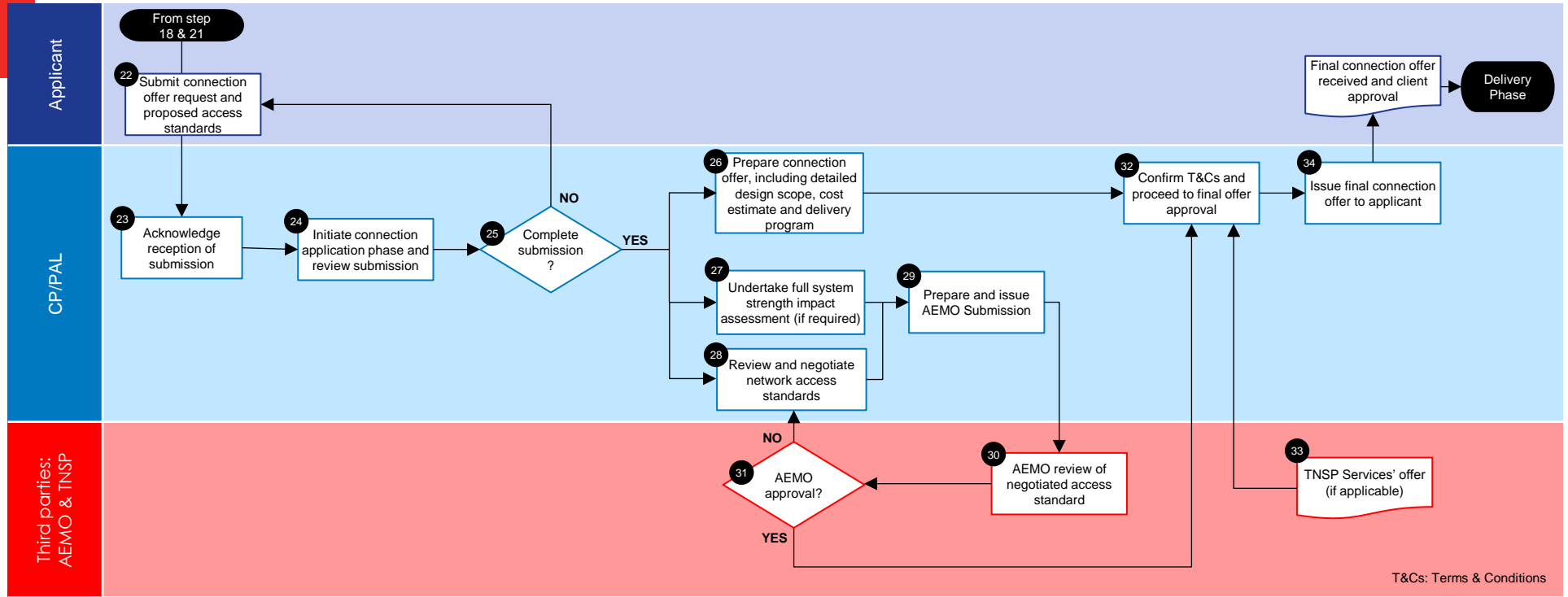
3 Connection Application – Typically 4 months from complete submission



T&Cs: Terms & Conditions

	Applicant	CP/PAL
26		✓ As part of the connection offer, CP/PAL will develop the detailed design scope, a cost estimate and the delivery program.
27-28	<ul style="list-style-type: none"> ✓ Where the applicant has not met the automatic access standards, a negotiated access standard needs to be agreed between CP/PAL and the applicant within 30 business days. ✓ Note: Where the applicant wishes to extend the negotiation beyond the 30 business day period, the time taken for CP/PAL to provide a connection offer may be extended by mutual agreement. ✓ Where a full system strength impact assessment is required, the applicant is required to have an AEMO approved PSCAD model for use. 	<ul style="list-style-type: none"> ✓ Where the application does not meet the network automatic access standards, CP/PAL will review and accept/reject the proposed negotiated access standard. ✓ CP/PAL will notify AEMO on receipt of the negotiated access standards and will submit to the AEMO once they are agreed between CP/PAL and the applicant. ✓ If required, as a result of the preliminary system strength impact assessment, a full assessment will be undertaken.
29-30	<ul style="list-style-type: none"> ✓ AEMO carries out the review and responds to CP/PAL with the decision outcome in 20 business days. If the AEMO rejects the model or requires further changes, CP/PAL will inform the applicant and discuss the next steps. 	

3 Connection Application – Typically 4 months from complete submission



	Applicant	CP/PAL
31-33		<ul style="list-style-type: none"> ✓ CP/PAL prepares the formal connection offer, including an itemised statement of costs, payment schedule and a construction schedule. ✓ CP/PAL issues the formal connection offer to the applicant for consideration. The offer is typically open for a period of 20 business days. ✓ CP/PAL require a formal offer from the TNSP before a connection offer will be provided.
34	<ul style="list-style-type: none"> ✓ The applicant accepts the connection offer from CP/PAL and enters into a connection agreement. The applicant may proceed with construction of the embedded generator. 	






Appendix



Glossary & legend

Acronyms	
AEMO	Australian Energy Market Operator
CP/PAL	CitiPower & Powercor
TNSP	Transmission Network Service Provider
DDP	Dynamic Data Pack
SD	System Data
T&Cs	Terms & Conditions

Symbols	
	Process
	Document
	Decision