Transmission Network Connection Guidelines

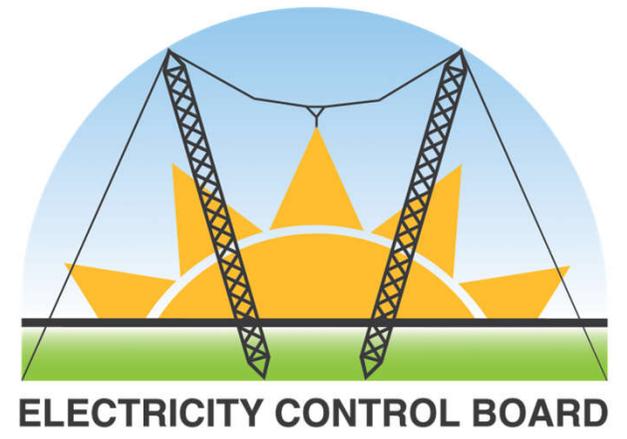ELECTRICITY CONTROL BOARD

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Executive: Technical Regulation
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Presentation Outline

1. Introduction
2. Objectives of the Guidelines
3. Guiding Principles
4. Grid Capacity Allocation Procedure
5. Application and Impacts of the Guidelines to Date
6. Conclusion

1. Introduction (1/2)

Guidelines were **developed in August 2024 – Export Licensee.**
Inadequate defined process in Quality of Supply Service Standards (QoSS)

The connection of **new generation capacity** to the national grid requires that there be sufficient grid connection capacity

Grid capacity must **be allocated based on principles of non-discriminatory and open access** to the grid.

Grid capacity allocation rules give effect to the principle of "first ready, first served" in grid capacity allocation.
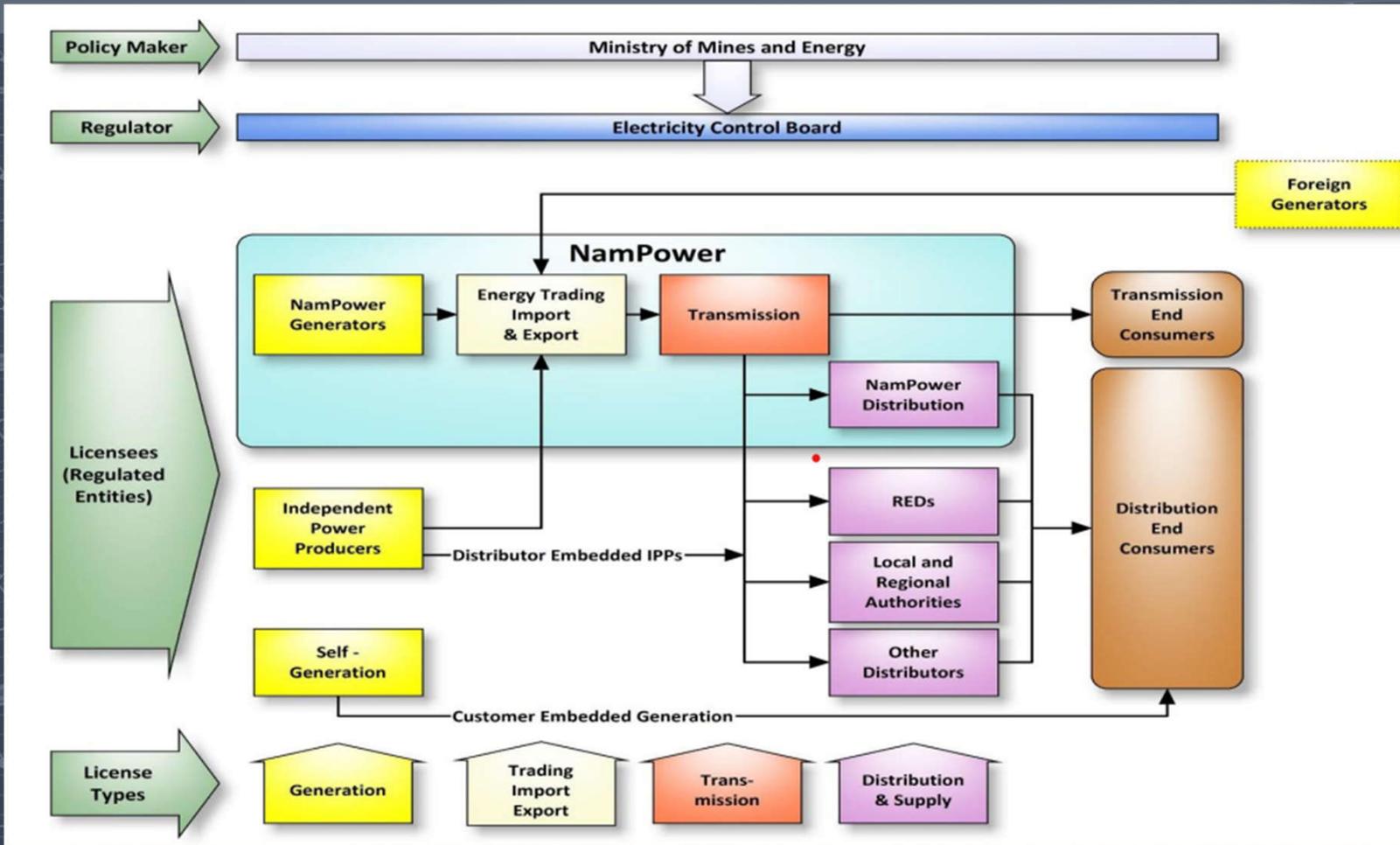
2. Objectives of the Guidelines

To act as regulatory tool to bring **efficiency in connecting Independent Power Producers (IPPs)** to the transmission network.

To be used in **resolving connection conflicts** between NamPower and prospective IPPs.

Provide **process and acceptable timelines** when NamPower shall respond to IPP connection applications

3. Guiding Principles

Non-discriminatory

First-ready, first-served principle

The Transmission Company to revoke any grid capacity reserved due to failure by the applicant.

Preference given to Government IPP procurement programme and NamPower Strategic Projects.

Additional information to be provided to confirm readiness

4. Grid Capacity Allocation Procedure (1 of 3)
Part 1 – Application

Step	Activity	Responsible	Period	Comment
1	Application submission	IPP	-	List of application requirements/documents as per the guideline section 2 item (1). In line with MSB market rules and NamPower load and generation connection application form.
2	Application accepted as complete or rejected as incomplete – applicant notified	Transmission Company	14 days from application submission	
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Part 2 – Budget Quote and Engineering Fee

Step	Activity	Responsible	Period	Comment
3	Budget Quote (BQ) letter with Engineering Fees (≤ 10% of BQ) issued	Transmission company	60 days from application fee payment	Indicative project cost (QoSS)
4	Budget Quote Acceptance	IPP	30 days from sent date of BQ letter	Only minor changes to application can be negotiated at this point, significant changes will require new application.
5	Engineering Fee Invoice	Transmission Company	14 days from BQ acceptance	
6	Engineering Fee Payment	IPP	60 days from date of Engineering Fee Invoice	If the fee is not paid the application is discarded.
	…			

NB: Engineering Fee Payment confirm placement of Capacity Allocation by TX company

4. Grid Capacity Allocation Procedure (3 of 3)
Part 3 – Offer Letter and Guarantee

Step	Activity	Responsible	Period	Comment
7	Offer Letter issued	Transmission company	**16 weeks <50MW / 6 months >50MW from Engineering Fee** payment / otherwise as agreed (in case of significant backbone impact)	**Allows differentiation per connection size**
8	Offer letter acceptance	IPP	**12 weeks from Offer Letter issue**	If the Offer Letter is not accepted the application is discarded
9	**Guarantee provision (Less Engineering Fee)**	IPP	Per Offer letter	If the Guarantee is not provided the application is discarded.
10	Offer letter and other agreements conditions fulfilment	IPP	As per the conditions	If the conditions are not met the application is discarded.
11	Project execution			

5. Application and Impacts of the Guidelines to Date

- About **70 MW** of 110MW capacity allocated to export licenses being processed utilizing guidelines

- Reduction of **grid access queries to Transmission Company-** except Export capacity currently with Moratorium

- Transmission Network Connection Capacity Status (TNCC) Report still to be finalized.

6. Conclusion

Transmission Company **± 7 to 9 months** complete application

IPP **± 8 months** to accept application

ECB to continue **monitoring implementation and initiate changes** where necessary