General Conditions

By:

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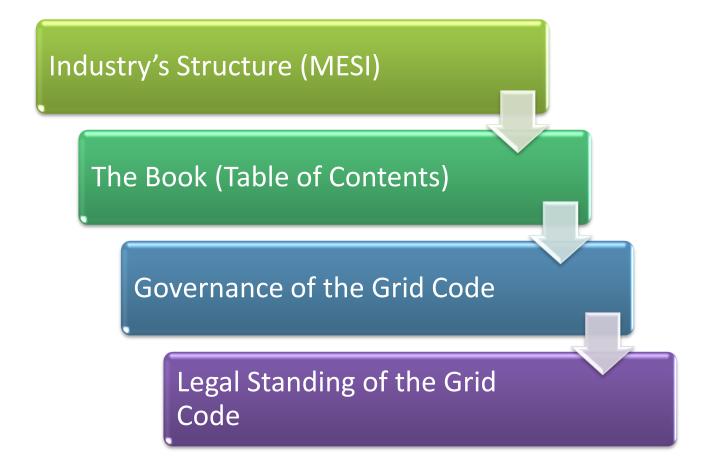
18 April 2013





The Malaysian Grid Code Awareness Programme Funded by Akaun Amanah Industri Bekalan Elektrik (AAIBE)

Agenda

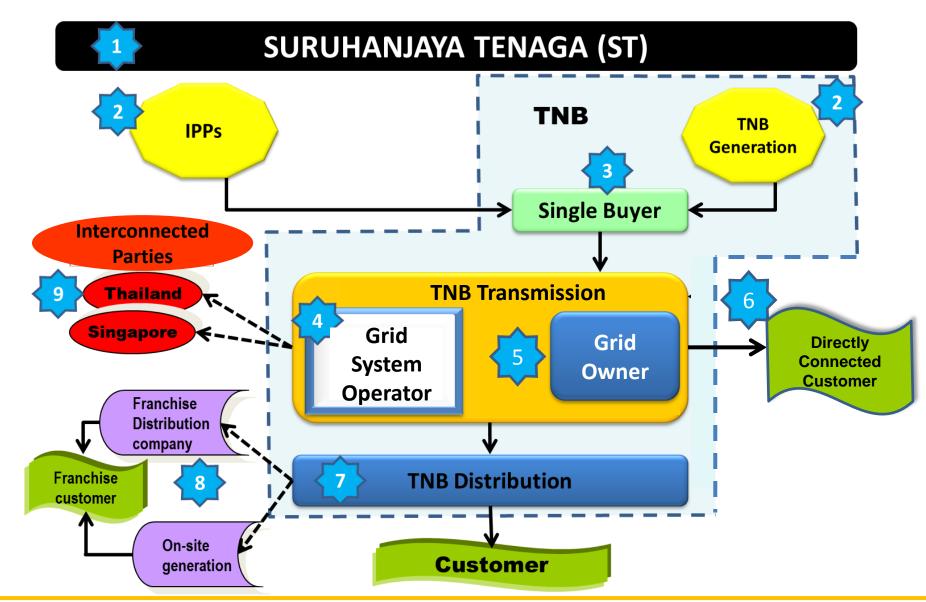


Suruhanjaya Tenaga

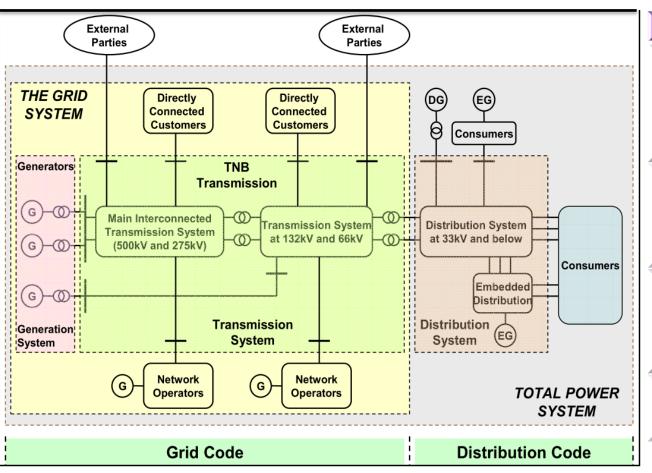
The Grid Code has been adopted and published by ST in the discharge of its function

"to promote efficiency, economy and safety in the generation, production, transmission, distribution, supply and use of electricity"

Parties in The Grid Code



Power System, Parties & Codes



Users	Description	e.g.
Generators	• TNB Generators • IPPs	• JMJG • TBIN • Kenyir
Directly Connected Customer	Bulk supply customers connected to 132kV and above	КТМВ
Network Operators	Operates network at any voltage and may import/export to the Grid	NUR
External Parties	Outside Malaysia	EGAT

"Rules of The Game"

The Grid Code is a document which sets out the principles that govern the relationship between the <u>Industry Players</u> and contains Obligations that facilitate:

- a) coordinated planning;
- b) coordinated design;
- c) coordinated <u>development</u>;

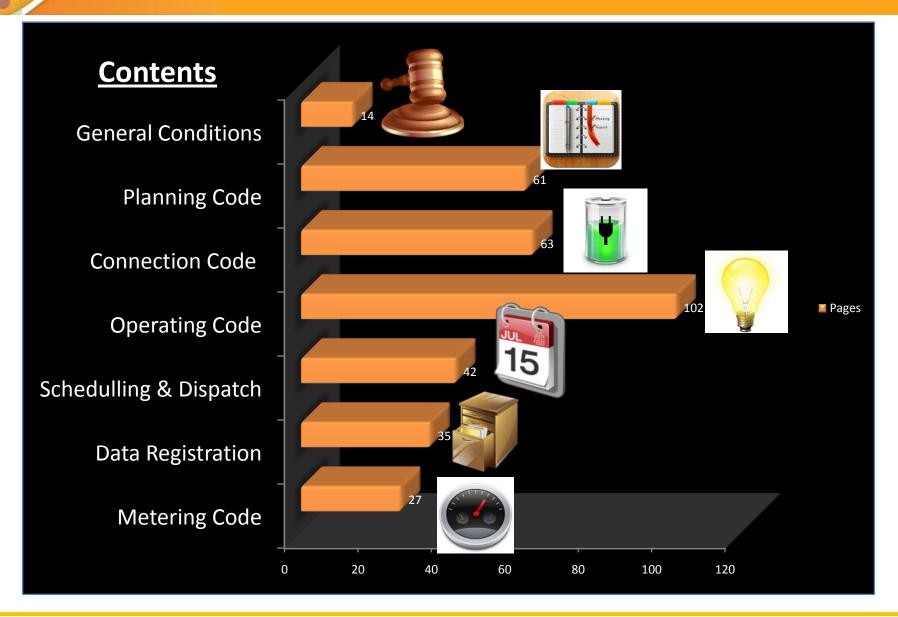
for a <u>secured</u>, <u>efficient</u> and <u>least-cost</u> <u>operation</u> of the <u>Grid System</u>

"Work hard & play by the rules"

Run Like Clockwork 24/7/365



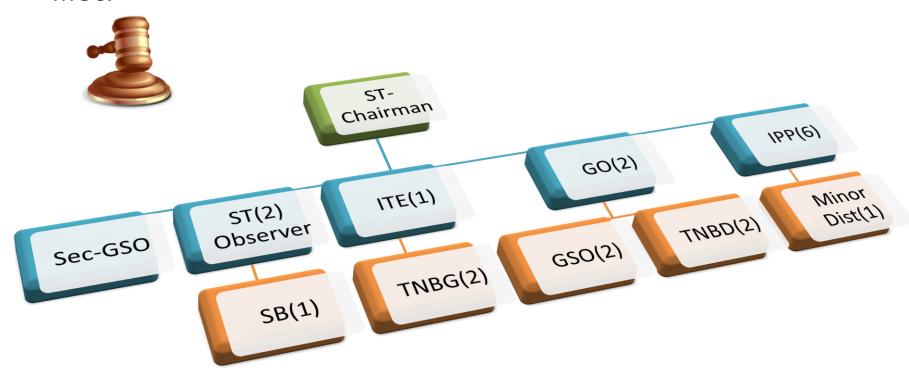
THE MALAYSIAN GRID CODE 2010



GC5 Grid Code Committee (GCC)

Governance

> ST to establish and maintain the GCC to oversee the implementation of the MGC.



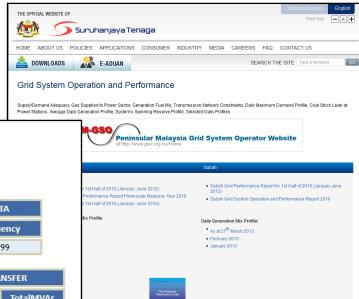
GC7 External Audit

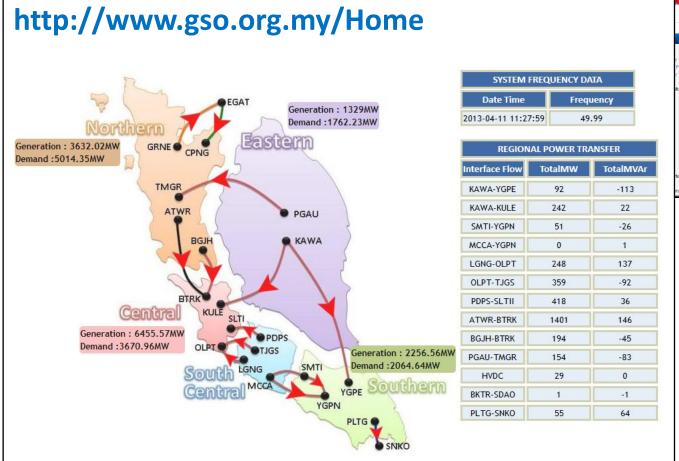
"The GCC shall appoint an independent External Auditor to perform, among other functions, to review the GSO and Single Buyer operations and performance in compliance with the provisions of the Grid Code."



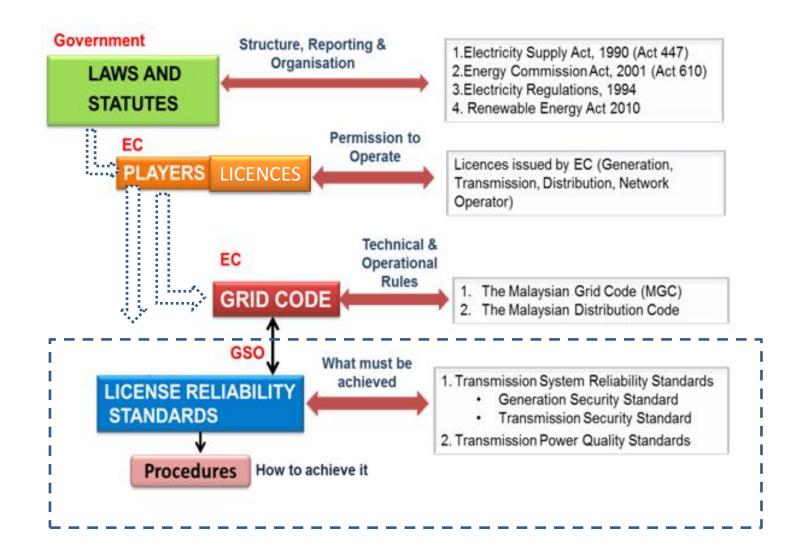
GSO Website

"The GSO is entrusted to discharge its duties in a non-discriminatory and transparent manner through the provisions of the Grid Code."





Applicable Acts, Codes and Standards



Proposed Amendments to the MGC

GC6 General Procedure for GCC

Proposed Chairman and GCC decides or Amendment to Secretary appoints MGC submitted informs GCC of technical Proposed experts Amendment GCC deliberates Decision / ST approves for final Recommendations Proposed agreement and circulated to Amendment submission to ST affected Licensees

Public Consultation

GC10 Derogations and Exemptions

Derogation Request and Issue Process

Request for ST discusses ST may seek Derogation derogation clarification or submitted to ST request with expert Grid assistance Owner, User, GS O and GCC ST decides on derogation – Temporary derogation / long term derogation

GC15 Grid Code Disputes

Dispute between
the Grid
Owner, Users, Singl
e Buyer, GSO in
relation to the Grid
Code



Either party may issue notice and attempt to resolve by way of negotiation



If not successful, may refer to ST

ST determines the dispute



ST refers the matter to arbitration



THANK YOU





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