





Reimagining TNB is TNB's strategic aspiration – a key enabler is the

corporate structure



Aspirations in the Disrupted World anchored on value creation





Build conviction with TNB leadership and employees Value creation and capital allocation implications Corporate structure and capabilities

Malaysia TNB is proactively adapting to anticipated market reforms in



MESI 2.0 launched in 2018 with three objectives¹



Encourage competition along the value chain









Increase consumer choice

MESTECC has announced that extensive reforms will take place in the next 5 years

competitive, to future-proof it. ... It must create value not only to consumers but also investors." "With the current and future challenges we see, the government wants to make the electricity industry more

MESTECC (Sep 2019)

corporatisation Internal reorganisation is focused on Generation and Retail



TNB Power Generation Sdn Bhd (TPGSB)¹ (100% TNB subsidiary)

Power generation IPP (subsidiaries) ³

SLA power plants

Power plant operations and maintenance

Renewable energy generation

Dry bulk terminal operations

Tenaga Nasional Berhad

Single Buyer

Distribution (Network services)

Grid system operator

Transmission

Others 4

TNB Retail Sdn Bhd (TRSB)²

(100% TNB subsidiary)



Corporate and Shared Services

Leading end-to-end generation company

National Transmission & Distribution network, international business, and

corporate centre

TNB Power Generation Sdn. Bhd incorporated on 1 Aug 2019, referred to as TPGSB.

TNB Retail Sdn. Bhd. Incorporated on 1 Aug 2019, referred to as TRSB

Excluding the Excluded Power Plants situated at Ulu Jelai, Pahang and Hulu Terengganu, Terengganu which shall remain in TNB

Including the Excluded Power Plants, other subsidiaries and associated companies, and other division and business units including the power generation IPP (associated companies), international IPPs and international renewable energy generation business

Including TRSB subsidiaries, i.e. GSPARX and TNBX

Retailer of choice for electricity and beyond

Rationale for internal reorganisation: Driven by value, transparency, and preparedness for disruption





Greater focus driving improvements

- Focus on efficiency, agility and performance
- Tailored business strategies, performance management and investment initiatives to meet the specific needs of each business
- Clarity on business performance of each value chain segment



Greater independence

- Separate boards and management for TPGSB and TRSB
- Promotes ownership, entrepreneurship and innovation
- Maintains ability to leverage operational synergy and scale of TNB Group



Preparedness for disruption

- Adapt to expected changes to the electricity supply industry
- Prepare for increased competition
- Separation of regulated and major-unregulated businesses



Flexibility in capital management

- Option for TPGSB and TRSB to raise capital directly
- Increased flexibility to pursue unique new growth opportunities

E2E capabilities to capture domestic growth TNB Power Generation Sdn Bhd (TPGSB): Realise synergies from





Market context

- Lower growth of near-term demand with PPAs¹ expiring
- Potential higher growth of conventional and Renewable Energy (RE) in the medium term
- Potential changes in market structure



Outlook for TPGSB

- Realise synergies and efficiencies of end-to-end (E2E) power generation
- Capture opportunities in RE and medium term conventional prospects



Growth drivers

- Increase conventional capacity (incl. hydro) through potential plantups and repowering projects
- Increase RE generation through continued participation in the Large Scale Solar (LSS) scheme
- Continue international expansion of REMACO²





Efficiency drivers

Leverage synergies through procurement and generation excellence

growth driver TNB: National network operator, strategic guide, and international





Market context

- Expectations for network to support distributed generation, energy efficiency and electric vehicle aspirations
- International opportunities across power value chain



Outlook for TNB

- Sustain and enhance the national grid
- Focus first on turnaround of international assets; take a more hands-on role in overseas ventures



Growth drivers

- Investment into smart grid, supporting distributed generation and variable loads
- Turnaround and strengthen existing international assets ahead of growth through more activist participation
- Continue to identify growth opportunities in the utilities sector



Efficiency drivers

- Optimise network through procurement excellence, and operations & maintenance best practices
- Streamline corporate costs

TNB Retail Sdn Bhd (TRSB): Retailer of choice with leading green

and energy service portfolios





Market context

- Likely market liberalisation and competition
- Higher customer expectations with anticipated choices
- Increasing government support for green prosumers



Outlook for TRSB

- Win customers with enhanced customer service and offerings
- Serve emerging green retail market



Growth drivers

- Lead rooftop solar generation by leveraging TNB's scale and TRSB customer relationships
- Push out beyond meter products such as smart solutions for homes
- and businesses, battery storage, or energy trading platforms
 Push out beyond energy offerings such as multi-utility bundling and billing, Fibre-To-The-Home (FTTH) broadband, or sales of third-party products



Efficiency drivers

- Improve cost-competitiveness of the solar rooftop business through efficient procurement and financing strategies
- Increase customer collection rates even further from today

Internal reorganisation targets Q3 2020 completion





H1 2020 - Court process

Legal process to transfer assets & liabilities through Scheme of Arrangement

In progress



Court Convened Meeting

proposed between TNB and its shareholders pursuant to Section 366(1) Meeting convened to consider and approve a scheme of arrangement of the Companies Act 2016





Q3 2020 - New corporate structure

New corporate structure in place

In progress

consents for internal reorganisation TNB has completed or is in the process of obtaining the major



Consents sought

Shareholder's approval on the Scheme

Status

Purpose of meeting today

Consent from MOF on the Proposed Internal Reorganisation

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Consent from EC on the issuance of the necessary licenses and the change in IPP shareholding

(endorsed by EC board, pending approval by MESTECC)

Consents from financiers/creditors of TNB



Order of the High Court sanctioning the Scheme and granting of the Vesting **Orders** in relation to the Proposed Internal Reorganisation

Target Q2 2020

Note: TNB has obtained approval-in-principle from JICA for OECF and JBIC loans

Q&A



THANK YOU





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