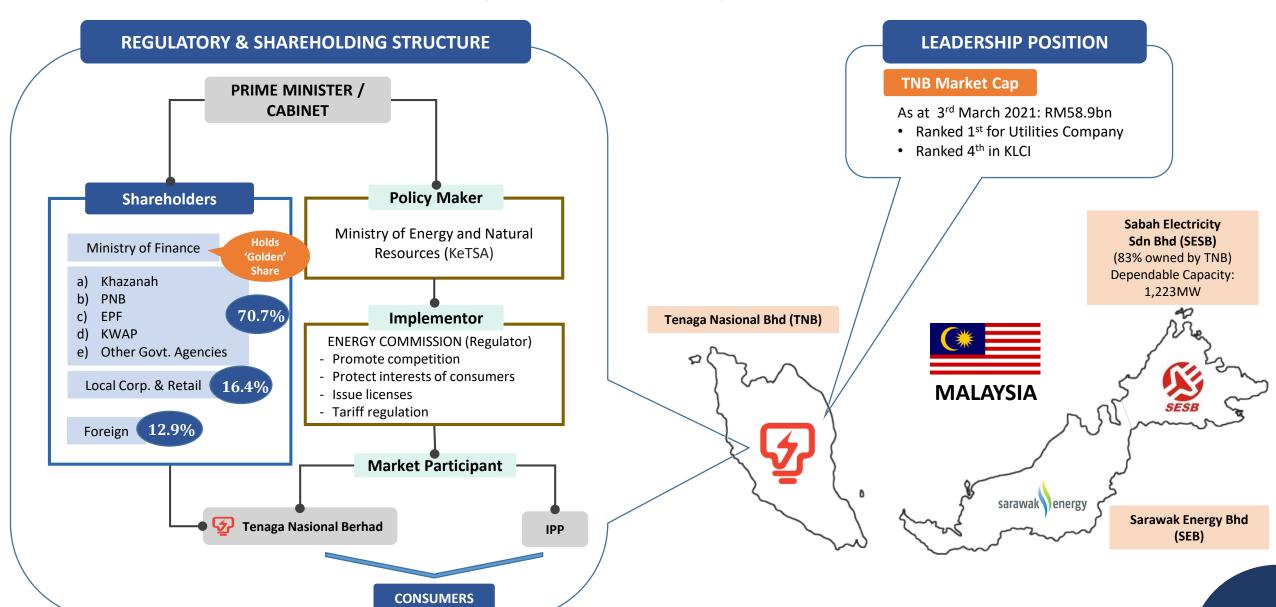




Regulatory & Shareholding Structure



Note: Data / Info as at Dec 2020

Regulated & Non-Regulated Business

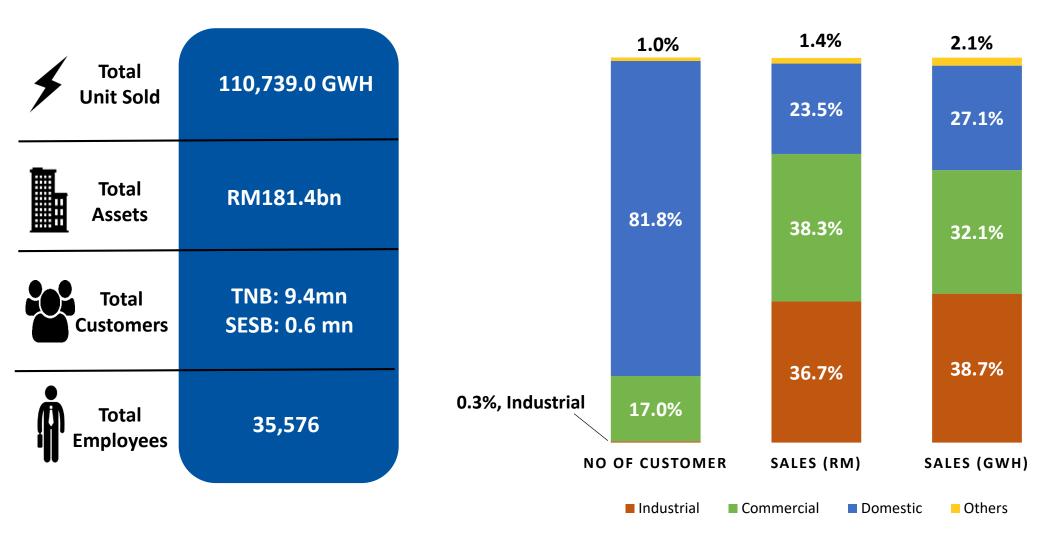
	Gen	eration	Grid/Transmission	Distribution Network & Retail	
ess	Non-Regulated Business		Regulated Business		
	TNB Generation Mix: Installed Capacity: 25,212MW		Transmission Network Length:	Distribution Network Length: 683,008KM	
Business	Solar 0.1%	TNB: 14,561MW @ 57.9% IPP: 10,854MW @ 42.1%	23,964KM	,	
Core Bu	Hydro 6.2%	Generation Market Share: 61.3% Equivalent Availability Factor (EAF): 87.4% Note: TNB installed capacity & Market Share are based on gross capacity	Transmission Substations: 456	Distribution Substations: 83,467	
Co	Gas & LNG 28.8%			SAIDI:	
			Transmission System Minutes: 0.08 mins	45.0mins Customer Satisfaction Index (CSI): 8.1	

Source: TNB Data / Info as at Dec 2020

Main Subsidiaries Business **Non-Regulated Business** Operation & Maintenance (O&M) Renewables, Energy Efficiency & Other Services Education & Research Non-Core • TNB Repair & Maintenance Sdn. Bhd. (REMACO) • TNB Renewables Sdn. Bhd. • TNB Integrated Learning Solution Sdn. Bhd. • GSPARX Sdn. Bhd. (ILSAS) Manufacturing • TNB Energy Services Sdn. Bhd. TNB Research University Tenaga Nasional (UNITEN) • TNB Engineering Corporation Sdn. Bhd. • Tenaga Switchgear Sdn. Bhd. • Integrax Bhd. • Malaysia Transformer Manufacturing Sdn Bhd. • Allo Technology Sdn. Bhd. • Tenaga Cables Industries Sdn. Bhd.

Vertically integrated utility company serving more than 9mil customers throughout Peninsula Malaysia

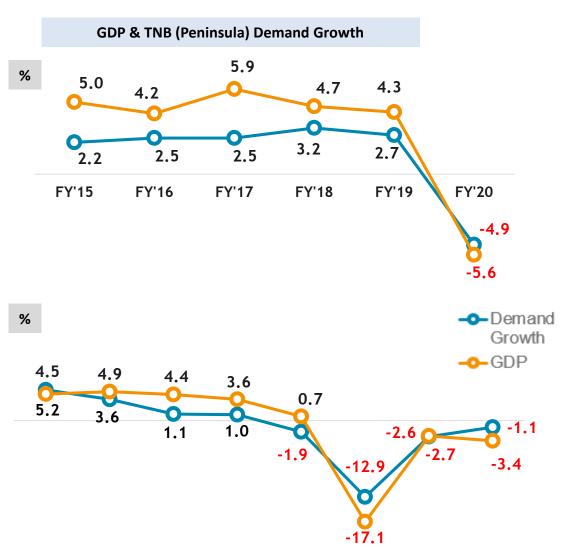
TNB Sectoral Sales Analysis*



Note: Data / Info as at Dec 2020

^{*} Peninsular Malaysia only (TNB exclude SESB and other subsidiaries)

Y-o-Y electricity demand contracted in tandem with GDP



1QFY'19 2QFY'19 3QFY'19 4QFY'19 1QFY'20 2QFY'20 3QFY'20 4QFY'20

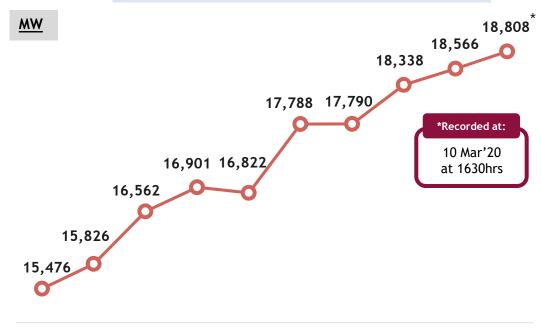
Note:

- i. Data / Info as at Dec 2020
- i. Peninsular Malaysia only (TNB exclude SESB and other subsidiaries)

TNB (Peninsula) Maximum Demand

	4QFY'20	4QFY'19	Variance (%)
Maximum Demand (GWh)	18,037	17,680	2.0

TNB (Peninsula) Yearly Peak Demand



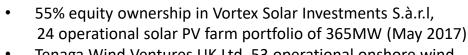
FY'11 FY'12 FY'13 FY'14 FY'15 FY'16 FY'17 FY'18 FY'19 FY'20

TNB's global presence in six countries



FOCUS ON GROWING RENEWABLE ENERGY BUSINESS IN SPECIFIC MARKETS BY LEVERAGING ON ITS INTERNATIONAL AND DOMESTIC **EXPERIENCE, CAPABILITIES AND ASSETS**





- Tenaga Wind Ventures UK Ltd, 53 operational onshore wind portfolio of 26.1MW (Feb 2018)
- 30% equity ownership in GAMA Enerji A.Ş. (Apr 2016)
- Assets include 853MW (gas), 117.5MW (wind) & 131.3MW (hydro)

Saudi Arabia

- 6% equity ownership in Shuaibah Independent Water & Power Project (IWPP)(Aug 2005)
- REMACO O&M Services for 900MW Shuaibah IWPP (Jan 2010)



Kuwait

- REMACO O&M for 225MW Sabiya Power Generation & Water Distillation Plant (July 2014)
- REMACO O&M for Shuaiba North Co-Gen 900MW Power; 204,000 m3/day water (Sept 2013)
- REMACO O&M for 240MW Doha West Water Distillation Plant (Nov 2016)



Pakistan

- Liberty Power Ltd 235MW (Sept 2001)
- REMACO O&M Services Bong Hydro Plant (May 2011)
- REMACO O&M Services Balloki Power Plan (July 2018)



India

- 30% equity ownership in GMR Energy Ltd (Nov 2016)
- Assets include 1,915MW coal, gas and solar plants



INCENTIVE BASED REGULATION (IBR)

A Mechanisms For Tariff Setting With Incentives To Improve Efficiency & Greater Transparency

Regulatory Environment:

1. Clear and Transparent Regulatory Framework

Clear and transparent regulatory framework governed by the Energy Commission provides investors with confidence in TNB's cash flow visibility

2. Consistent and Clear Returns

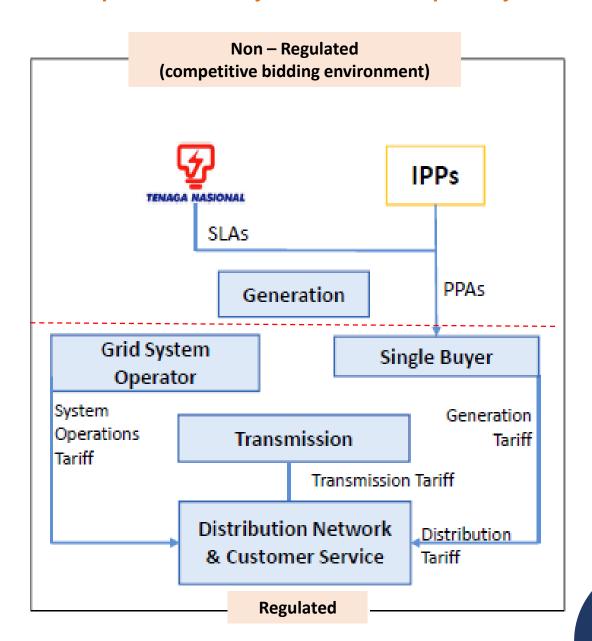
Regulatory WACC of 7.3% provides consistent and clear return to debt and equity holders

3. Shield against Uncontrollable Swings

Imbalance Cost Pass-Through mechanism shields Tenaga against uncontrollable swings in input costs, with a review every 6 months

4. Incentives for Operational Efficiencies

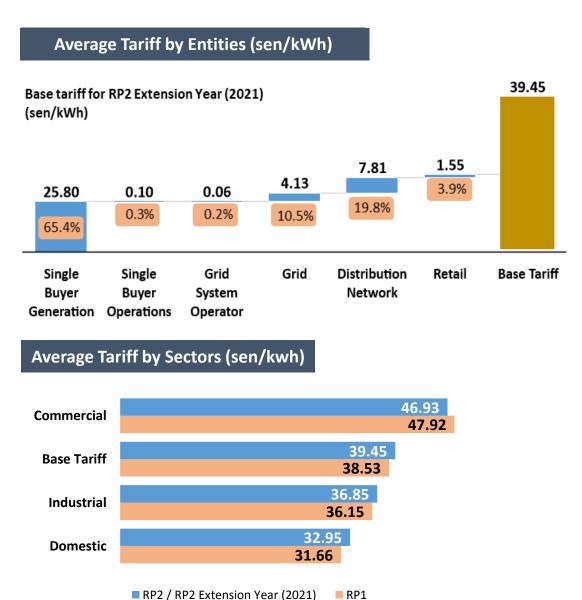
Incentive / Penalty mechanism provides clear incentives for TNB to achieve operational efficiencies



INCENTIVE BASED REGULATION (IBR)

Regulatory Period 2 (RP2) Extension Year (2021)

GAS



Fuel Parameters

COAL USD67.45/MT @ RM4.212/USD

RP2: USD75.00/MT (RM14.47/mmbtu @ RM4.212/USD)

REGULATED RM27.20/mmbtu (Jan'21 – Dec'21)

RP2: RM24.20/mmbtu (Jan'18 - Jun'18) @1,000mmscfd RM25.70/mmbtu (Jul'18 - Dec'18)

RM27.20/mmbtu (Jan'19 - Dec'20)

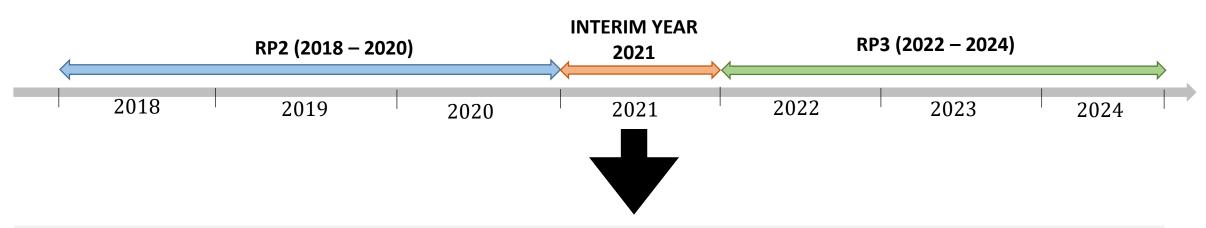
Other Parameters

TARIFF WACC 39.45 sen/kwh 7.3% RP2: 39.45 sen/kwh RP2: 7.3% **CAPEX** OPEX RM7.3bn RM6.30bn (approved OPEX) (approved CAPEX) RP2: RM18.2bn RP2: RM18.8bn (Average per year: RM6.07bn) (Average per year: RM6.63bn)

INCENTIVE BASED REGULATION (IBR)

Regulatory Period 2 (RP2) Extension Year (2021)

Regulatory Period Timeline



- > The Government has approved a one-year extension of the Second RP2 of the IBR for year 2021
- Beginning from 1 January 2021:
 - a) The current base tariff of 39.45 sen/kWh.
 - b) Electricity Tariff Schedule are maintained and will continue to be applicable until 31 December 2021.
- ➤ RP3 is shifted by one year to start on 1 January 2022 and ends on 31 December 2024. This decision was made following the uncertainty in demand outlook for 2021 and the instability of the current global fuel markets following the COVID-19 pandemic.
- We have submitted RP3 proposal to the Energy Commission (EC) on 26th February 2021. Currently, we are in the midst of discussion with ST on the RP3 proposal, with final determination and cabinet approval is expected to obtain by end of this year.



Electricity industry continues to evolve, creating new opportunities and pushing the boundaries for innovation

Inevitable Changes in Industry Landscape



Global Energy Transition

 Climate change drives greater decarbonisation efforts and increased RE



Emergence of Disruptive Technologies

 Disruptive technologies are starting to reach economic viability and mass adoption across the world



Changing Customers' Expectations

 Customers expectations are being shaped by innovative product and across the value chain solution



National Commitments



COP21 commitment is to reduce GHG emissions intensity by 45% by 2030 relative to

2005 consisting of 35% on unconditional basis & 10% conditional with international assistance

Malaysia target to achieve 31% RE capacity mix by 2025

As a developing nation, it is important to implement strategies and action plans that achieve economic aspirations through a model that is sustainable, responsible, yet economical



As the primary driver of the nation's Energy Transition, TNB has a pivotal role in spearheading an evolving industry

TO BE A LEADING PROVIDER OF SUSTAINABLE ENERGY SOLUTIONS IN MALAYSIA AND INTERNATIONALLY



Future Generation Sources 2025 EBIT Target: RM5.0bil

Main Initiatives:

- Operational excellence, plant turnaround, assets and services expansion
- Growing capacity mainly into renewables in domestic and selected international strategic markets with strong growth prospects

2021 Focus:

- Improve performances of existing assets
- Operationalisation of RACo & ReDevCo
- Explore SEA for RE expansion



Grid of the Future 2025 EBIT Target: RM6.1bil

Main Initiatives:

- Upgrading existing grid network into a smart, automated and digitally-enabled network to enhance productivity, efficiency and reliability
- Leveraging innovation in the network to transform customer experience

2021 Focus:

- Complete Smart Meter target installations
- RAB Expansion through utilization of allowed CAPEX on Grid modernization Project
- Reduce System Losses



Winning the Customer 2025 EBIT Target: RM0.7bil

Main Initiatives:

- Enhance customers' experience through innovation of new solutions and service offerings
- Strengthen digital presence via digital solutions, interactions and enterprise

2021 Focus:

- Enhance customer service by ensuring customers experience a seamless interaction with TNB from the start to the end through Network of Teams models
- Expansion of rooftop solar PV



Future Proof Regulation

Main Initiatives:

 Working together with key stakeholders towards a stable and sustainable regulatory landscape

2021 Focus:

- RP3 Proposal Approval
- Shape TNB sustainability agenda

Capital allocation and value creation

Corporate and organization structure

Digital and data analytics

Culture, capabilities and performance management

The increasing emphasis on Sustainable Energy sets the tone for ambitious RE targets

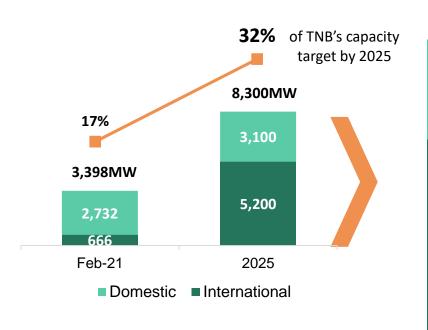
International

* Assumed RP3 proposed numbers

of 8,300MW by 2025

Note: 8,300MW includes domestic and international RE assets, including large hydro

The Group aspires to ensure that the revenue from the coal generation plants does not exceed 25%



■ Coal ■ RE ■ Related to ET ■ Others

Progress

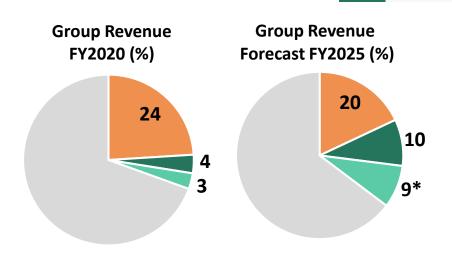
- i. Currently in discussion with EC on the terms and condition for Nenggiri large hydro plant (300MW)
- ii. GSPARX Total 81 MW (secured capacity) as at February 2021
- iii. LSS4 Received Letter of Notification as a Shortlisted Bidder from the EC to develop a 50MWa.c. (75MWd.c.) LSS plant at Bukit Selambau, Kedah

Ambition 1: RACo is currently building up investment pipeline leveraging on wide business network. RACo is expected to contribute 2GW of RE capacity by 2025.

- Binding Offer has been accepted by the seller for the acquisition of FiT wind asset in UK.
- · Solar asset acquisition in the pipeline.

Ambition 2: Finalising definitive JV agreements with Sunseap to explore RE business in Singapore & Vietnam.

- Secure cross border RE sales to Singapore Entered into a binding term sheet of collaboration with Sunseap Group to tap into RE and Corporate PPA in Singapore market.
 - Expand into solar market in Vietnam will acquire a 39% stake in a 21.6MW project comprising 5 rooftop solar plants in Vietnam from Singapore's Sunseap Group.



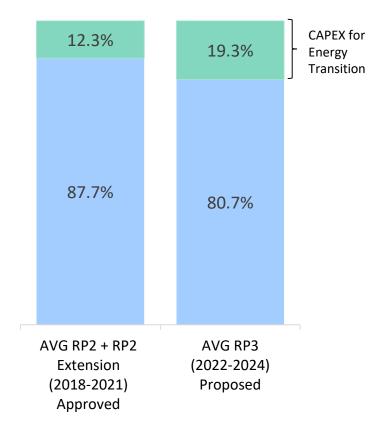


- The major coal plants' PPA are expiring with no like-tolike replacement, therefore our coal related revenue will continue to deplete from 2030 onwards
- TNB has pledged not to invest in greenfield coal plant (Jimah East Power which was commissioned in 2019 is the last new coal plant for TNB)

Investment in infrastructure for regulated business is key towards catalysing a sustainable energy ecosystem

Regulated businesses spends on average ~16% of its CAPEX towards supporting **Energy Transition**

Annual Regulated CAPEX to support Energy Transition





DN is the largest contributor to the Group's overall EBIT target by 2025 of RM3.4 bil

Renewable Energy (RE) Integration

- **Accommodate intermittent** RE generation, EV, **Distributed Energy Resource** (DER) with target of reducing CO₂ emission by up to 50mil kg CO₂
- **Enabling EV charging Station** for electric vehicles up to 500 stations nation wide



Mini

hydro





Battery Energy Electric **Storage Systems** Vehicle (BESS)

Smart & Resilient Grid

- **Grid modernization with Smart Meters** to empower consumers to rationalize and control their consumption as well as enable prosumers to sell back to the Grid
- System to optimise voltage flows to facilitate energy conservation as well as deliver resilient, reliable quality power with bidirectional energy flow



Metering

Infra (AMI)





(VVO)

Advanced **Volt-Voltage** Distribution Optimisation Management System (ADMS)

Energy Efficiency & Sustainability

- Enabling Green Energy program participation to reduce electricity cost consumption
- Providing dynamic supply and energy platform to utilize DER and support introduction of **Green Energy Programs (NEM,** FIT, ToU)







Advanced Metering Infra (AMI)

Smart Energy Management Relamping Infra (SEMI)

LED (LED)

DN will play an important central role in Malaysia's future electricity sector ecosystem, from a traditional electricity service provider to an energy integrator and facilitator of open markets

TNB is empowering customer participation in the Energy Transition and paving the way for electrification efforts

Encouraging voluntary RE programs for customers



- Facilitates the implementation of the Net Energy Metering (NEM) scheme and the Supply Agreement for Renewable Energy (SARE)
- Rooftop PV: Total 81 MW (secured capacity) as at February 2021



- Meets Carbon Disclosure Project (CDP) standard and RE100 best practice guideline
- We have sold 483,400MWh of renewable energy certificates (RECs) out of 870,366MWh tradable units as of February 2021



- Able to purchase green energy without having to install their own solar rooftop
- Total Subscription 4,376,000 kWh with a total of 145 customers as at 11th March 2021

Promoting Energy Efficiency (EE)



EE solutions such as smart home energy monitoring and security solution



 TNB Engineering Corporation Sdn Bhd (TNEC) will be operating latest district cooling technology with higher efficiency in supplying cooling energy and electricity to KLIA's Main Terminal and its associated facilities

stations & Electric Buses



Working with Malaysian Green Technology Corporation (MGTC) to expand electric vehicle charging stations. As at February 2021, 73 ChargEV stations had been installed.



2 electric buses have been introduced at UNITEN as part of the Smart Mobility initiative

TNB continues its Nation-Building legacy through Corporate Responsibility pillars anchored on empowering communities for a better, brighter Malaysia



Education

We believe that education can transform lives of not just one individual but families and generations.

RM111.1mil

- My Brighter Future
- Yayasan Tenaga Nasional
- Trust School
- Ceria Ke Sekolah
- Better Brighter Vision



Community & Social

We believe that capability, social, and community development supports liveability and enhances livelihood by uplifting the economic and social quality of life.

RM61.2mil

- Covid-19 Response Aid (MOH & State Gov.)
- Baiti Jannati
- Hockey Sponsorship
- Mesra Rakyat
- Better Brighter Shelter
- TNB Reskilling Malaysia initiative
- Training & Development



Environment

We believe that the future of our planet and next generation depends on our responsible behaviour today

RM1.6mil

- Firefly Conservation
- Mangrove Planting Programme

TNB upholds the highest standards of corporate governance embedded in a culture that values ethical behaviour, integrity and sustainability

TNB Corporate Governance Framework

- Main Market Listing Requirements of Bursa Malaysia Securities Berhad
- Malaysian Code on Corporate Governance 2017
- Companies Act 2016
- Capital Markets and Services Act 2007
- Benchmark against the ASEAN Corporate Governance Scorecard

Remuneration

- The Board reviews the overall remuneration policy of the Non-Executive Directors, Executive Director and Top Management.
- The remuneration policy aims to attract, retain and motivate executives and Directors who will create sustainable value and returns for the Company's shareholders and other stakeholders.

Board Diversity

- TNB strongly supports diversity within its Board of Directors, including gender, age, professional diversity as well as diversity of thought i.e. TNB Board composition comprises various backgrounds from finance & accounting, legal, engineering and others.
- More than half of the Board comprises Independent Directors.

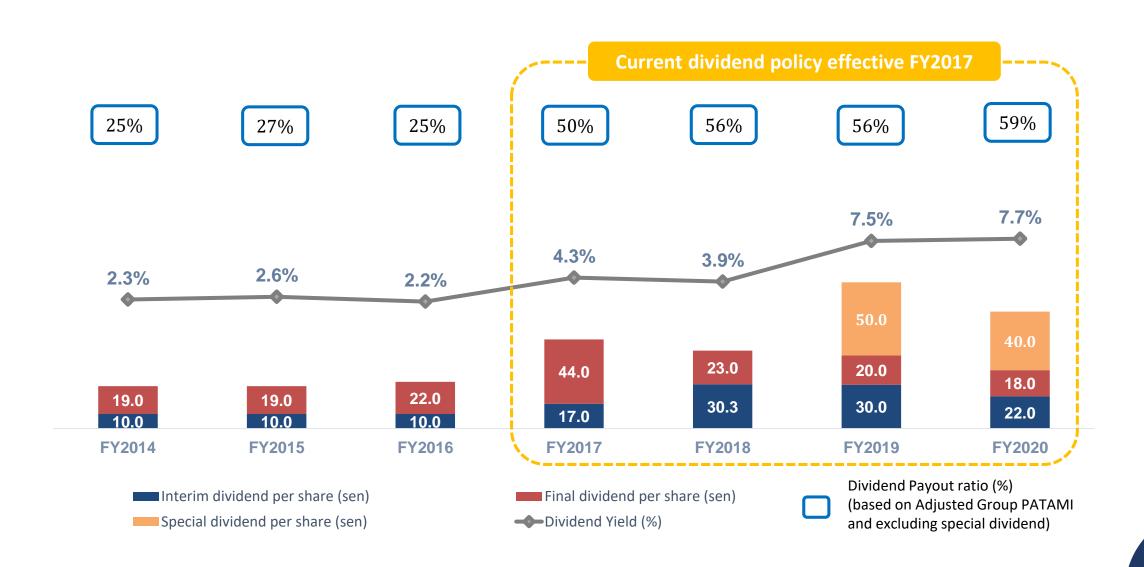
TNB Sustainability Reporting Framework

- Bursa Malaysia's Sustainability Reporting Guidelines
- Global Reporting Initiative (GRI) standards
- United Nations Sustainable Development Goals (UN SDGs)
- Task Force on Climate—related Financial Disclosures (preliminary stage)
- Sustainability Accounting Standards Board (SASB)*
- FTSE4Good*



DIVIDEND

Distribution of dividend is based on 30% to 60% dividend payout ratio, based on the reported Consolidated Net Profit Attributable to Shareholders After Minority Interest, excluding Extraordinary, Non-Recurring items





FY2021 OUTLOOK



Electricity Demand

- Under RP2 extension year, our approved demand forecast is 113,909 GWh or 2.9% growth compared to JPPPET revised FY2020 forecast.
- Given that most of the Industrial and Commercial sectors are allowed to operate during MCO 2.0, we expect the impact of the lockdown to the electricity demand to be less severe than in FY2020.
- Nevertheless, earnings of our regulated revenue cap entities are guaranteed at demand growth as stipulated by the IBR guidelines.

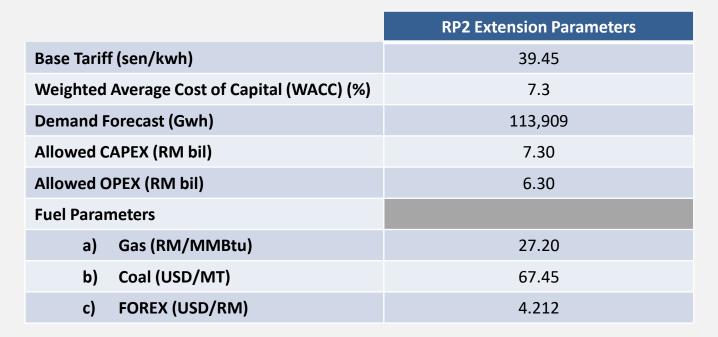


MESI 2.0

- MESI 2.0 is currently under review by the Government. TNB is working closely with the Regulators towards realising the reform plans.
- TNB has been preparing for any future scenario reforms, putting in place a strong business strategy since 2015 i.e. Reimagining TNB. The separation of TNB Power Generation Sdn Bhd (TPGSB) and TNB Retail Sdn Bhd (TRSB) is part of navigating the Group towards being resilient to the industry changes.
- The Group anticipates that changes will happen in a managed and controlled manner. Therefore, impacts from the policy reforms are expected to be manageable.

FY2021 OUTLOOK

- On 23rd Dec'20, EC had approved the RP2 Extension parameters under the IBR framework. This extension instils confidence on the effectiveness of the IBR mechanism to maintain stability in the power industry.
- The RP2 Extension approved parameters are fair and transparent. Our Regulated entities earnings will remain stable at base tariff of 39.45 sen/kwh and WACC of 7.3%.
- In addition, EC has allowed higher ADD of RM200mil for FY2021 (vs RM94.3mil for FY2020), in consideration of impacted collection due to MCO.





Regulatory Framework

FY2021 OUTLOOK



International Business



Dividend Policy



CAPEX

- For 2021, we will be executing a strategy aimed at protecting value from existing assets, which includes Liberty, Shoaiba, GEAS and GEL and creating value for performing assets (Vortex and TWV).
- Part of this strategy involves executing a plan focusing on growing TNB's international Renewable Energy business leveraging on existing assets, capabilities and experience.
- Our immediate strategy is to grow TNB's international Renewable Energy business to sizeable portfolio through:
 - a) acquisitions of operational assets
 - b) greenfield development
- Our focus on Renewable energy is further supported by our observations of the global energy market during Covid-19 induced lockdowns. During this period, RE has shown to be a resilient source, where it has even increased market share amidst changing demand and supply dynamics of the sector.

We will continue to honour our dividend policy of 30% to 60% dividend payout ratio, based on the reported Consolidated Net Profit Attributable to Shareholders After Minority Interest, excluding Extraordinary, Non-Recurring items.

RM9.5 bil

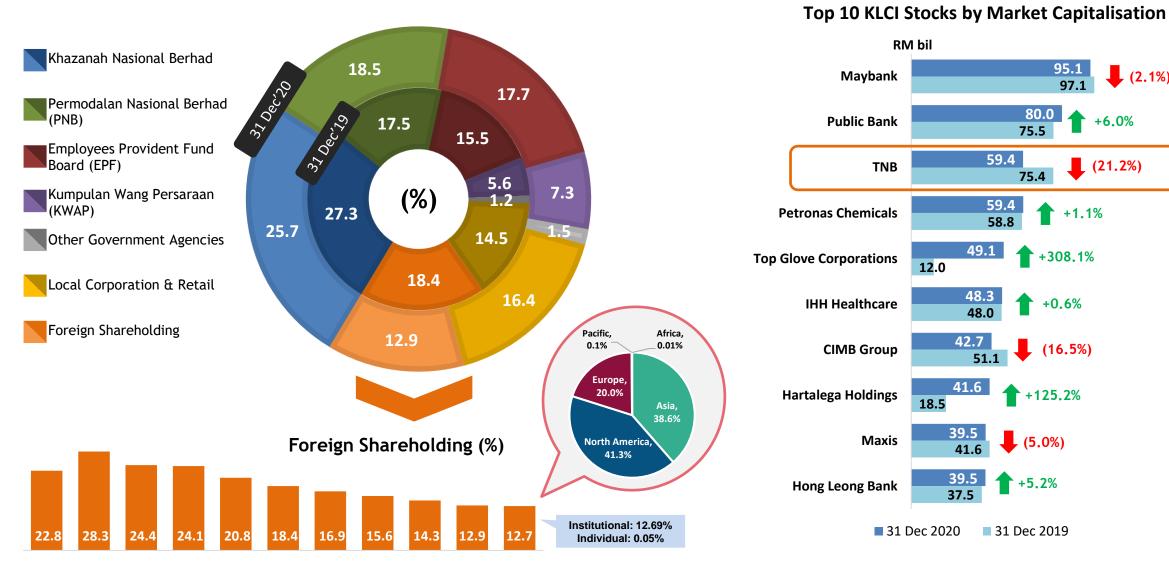


• Regulated Recurring: RM7.3bil

• Others: RM2.2bil



TNB Shareholding Structure



Aug'15 Aug'16 Aug'17 Dec'17 Dec'18 Dec'19 Mar'20 Jun'20 Sep'20 Dec'20 Jan'21

Source: Share Registrar, Bloomberg and IR Internal Analysis

Note:

- 1. Top 10 KLCI ranking by Market Capitalisation as at 31st December 2020
- 2. TNB Latest Market Cap: RM56.5bil (4th), as at 24th February 2021

(2.1%)

+6.0%

1 (21.2%)

+1.1%

+308.1%

+0.6%

(16.5%)

+125.2%

(5.0%)

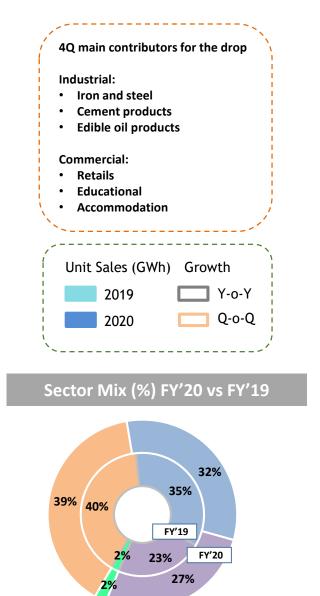
+5.2%

75.5

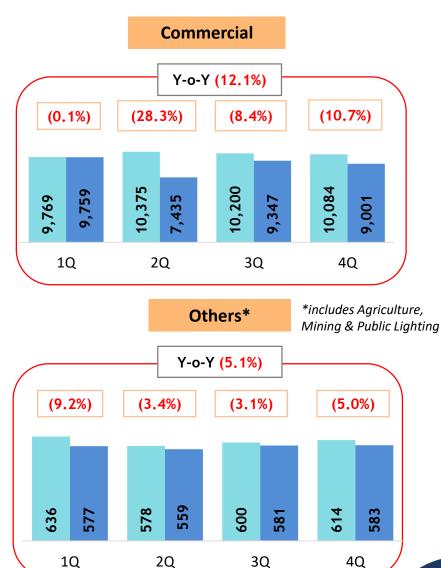
75.4

Electricity Demand By Sectors – Lower electricity demand mainly from sluggish industrial and commercial sectors





■ Industrial ■ Commercial ■ Domestic ■ Others



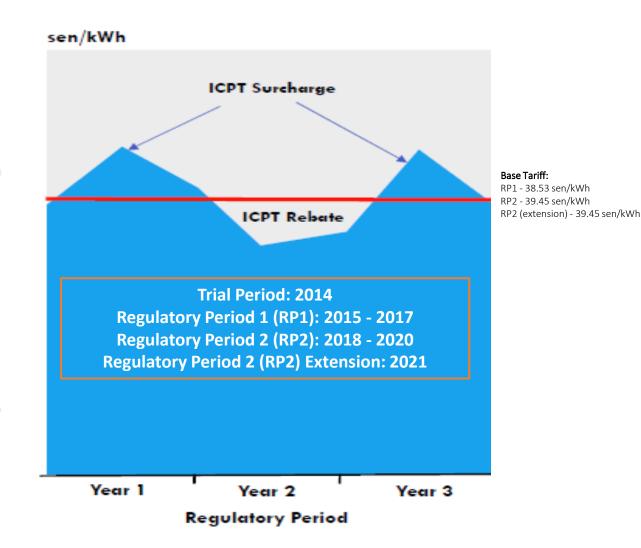
Incentive Based Regulation (IBR) – Imbalance Cost Pass-Through (ICPT) Mechanisms Ensures TNB Remain Neutral

Base Tariff under IBR framework comprises of:

- a) Opex, Depreciation of Regulated Assets & Tax Expenses of Business Entities
 - transmission, grid system operation,
 Single Buyer operation, distribution
 network and customer services
- b) Power purchase cost charged by generators to the Single Buyer
- c) Return on regulated assets (rate base) of Business Entities
 - Reviewed every 3 years

Imbalance Cost Pass-Through (ICPT):

- a) ICPT is 6-monthly pass-through of variations in uncontrollable fuel costs and other generation specific costs (imbalance cost) incurred by utility for the preceding 6-month period
 - Reviewed every 6 months



Principle for ICPT Calculation

Cost components comprise of

• The ICPT is calculated based on an estimated actual fuel cost and generation specific costs for a particular six (6) months period against the corresponding baseline costs in the Base Tariff.

Source: Energy Commission (EC)

Incentive Based Regulation (IBR) – New Features in Electricity Tariff Review for RP2 (2018-2020)

More efficient and reliable electricity supply

- Efficient and reliable electricity supply at the lowest efficient cost;
- Enhancement in safety and reliability with smart grid capabilities.

Support Government's initiatives and aspirations

- Supporting
 Government's
 initiatives in green
 energy and
 sustainability for
 example AMI,
 Distribution
 Automation, Group
 Relamping of
 streetlight, etc.
- Continue the gas price subsidy rationalization by gradual removal of gas price subsidy;

New addition in Key Performance Indicators

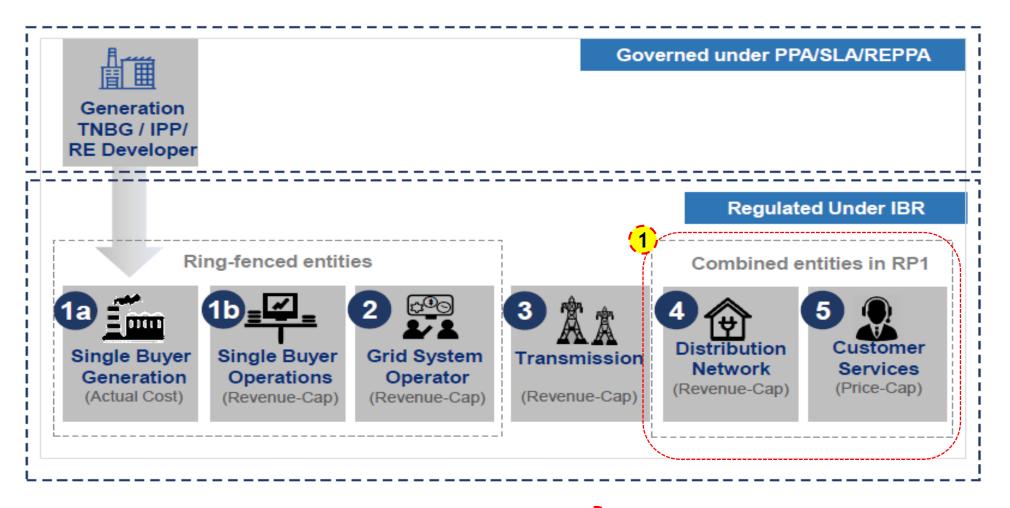
- New performance indicators on each business entity that are in line with Government's policies;
- Enhancement on KPI mechanisms and principles (symmetric and asymmetric).

Separation of Distribution Networks and Customer Services

- Separation of these business entities will enhance the system reliability and consumer experience;
- This will increase the productivity and consumer satisfaction.

Source: Energy Commission (EC)

Incentive Based Regulation (IBR) – IBR Entities



(1)

In RP1, these 2 entity are grouped as Price -Cap entity

Incentive Based Regulation (IBR) – Imbalance Cost Pass-Through (ICPT) Comprises Two Components

Imbalance Cost Pass-through (ICPT)

Fuel Cost Pass Through (FCPT)



Changes in Gas/LNG and Coal Costs

PPAs Power Purchase Agreements

SLAs Service Level Agreements

CSTA Coal Supply and Transportation Agreement

CPC Coal Purchase Contract

GFA Gas Framework Agreement

GSA Gas Supply Agreement

Generation Specific Cost Adjustment (GSCPT)



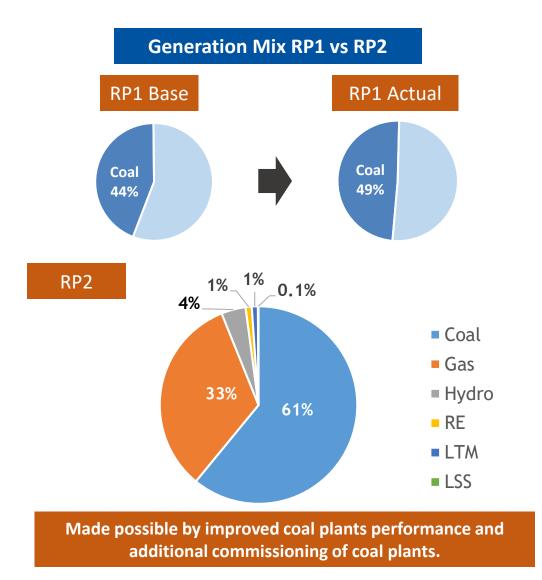
Changes in:

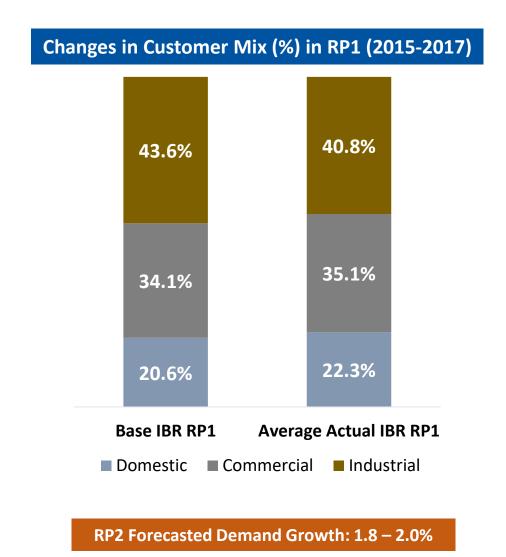
- Other fuel costs such as distillate and oil
- All costs incurred by SB under the power procurement agreements (PPAs, SLAs and etc.) and fuel procurement agreements (CSTA, CPC,
- Renewable energy FiT displaced cost

RP2

ICPT	Surcharge / Rebate	Implementation Period	
Jul – Dec'18	2.15sen/kWh	Jan – Jun'19	
Jan – Jun'19	2.55sen/kWh	Jul – Dec'19	
Jul – Dec'19	2.00sen/kWh	Jan – Jun'20	
Jan – Jun'20	0.00sen/kWh	Jul – Dec'20	
Jul – Dec'20	2.00sen/kWh	Jan – Jun'21	

Incentive Based Regulation (IBR) – Generation and Customer Mix





Sustainability – Our journey towards transitioning into a cleaner and sustainable energy provider

TNB's RE Capacity

WIND 144 MW

International:

UK (TNB Wind Ventures): 26 MW

Turkey (GAMA): 118 MW



Update:

Completed the acquisition of the remaining 20% stake in TNB Wind Ventures, UK in March 2020 with a total combined capacity of 26.1 MW

SOLAR 552 MW

International:

UK (Vortex): 365 MWIndia (GMR): 26MW

Domestic:

Large scale solar: 80 MW

Rooftop PV: Total 81 MW (secured capacity)



 Completed the acquisition of additional 5% controlling stake in Vortex Solar, UK in September 2020

 Received Letter of Notification as a Shortlisted Bidder for Large Scale Solar (LSS) 4 bidding with capacity of 50MW at Bukit Selambau, Kedah (Malaysia)

BIOGAS & BIOMASS 13 MW

V Domest



Domestic:

Biogas: 3MWBiomass: 10MW

HYDRO 2,689 MW

International: Turkey (GAMA): 131 MW Domestic:

Large Hydro: 2,536 MWMini Hydro: 22 MW



TNB's RE Strategy

International

- 1) Renewable Energy Driver (UK / Europe)
- 2) Growing TNB's utility business in South East Asia (SEA)
- 3) Technology Catalyst

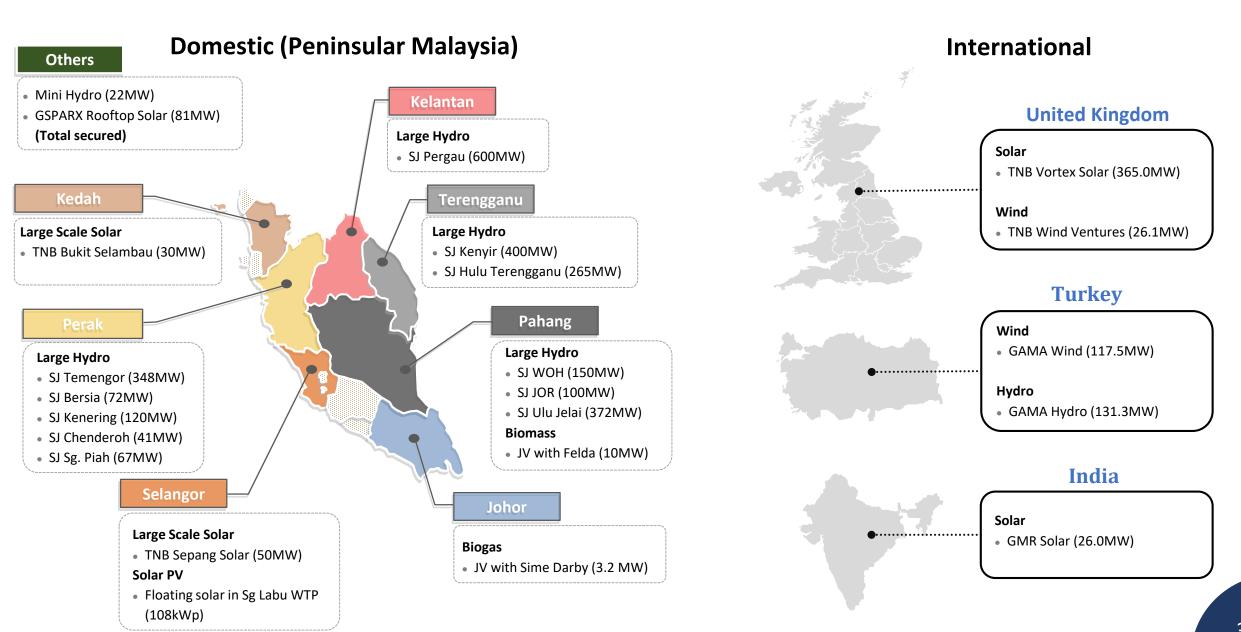
Focus Market

- TNB's growth strategy will focus on selected growth markets and regions where we have presence (UK, Europe and South East Asia) and specific asset classes/technology that are key to the Energy transition.
- The country selection is based on fit to TNB strategy, elimination of high-risk countries, power growth, market attractiveness and openness to foreign investments.

Domestic

- 1) Win LSS Largest driver which focuses on winning local LSS bids, exploration of new entry points through NEDA and Green Corporate PPA as well as expansion on Asset Management Services.
- 2) Secure Small RE Focus on mini hydro, biogas and Waste to Energy through the existing Feed-In Tariff Scheme and other initiatives.
- **3) GSPARX** To be the top solar distributed generation provider in Malaysia with end to end delivery.

Sustainability – TNB's Renewable Energy (RE) Assets



Sustainability (Governance) – Composition of BOD



CHAIRMAN DATO' SERI DIRAJA MAHDZIR KHALID



EXECUTIVE DIRECTOR / CEO DATUK IR. BAHARIN BIN DIN

Independent Non-Executive Directors (Total = 7)



NORAINI BINTI CHE DAN Expertise: Audit & Finance



ONG AI LIN Expertise: Audit & Finance



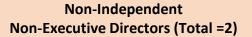
GOPALA KRISHNAN A/L K.SUNDARAM Expertise: Law



DATUK RAWISANDRAN A/L NARAYANAN **Expertise: Business**



DATO' IR NAWAWI BIN AHMAD





AMRAN HAFIZ BIN AFFIFUDIN (Khazanah)



DATO' ASRI BIN HAMIDIN @ HAMIDON (MoF)

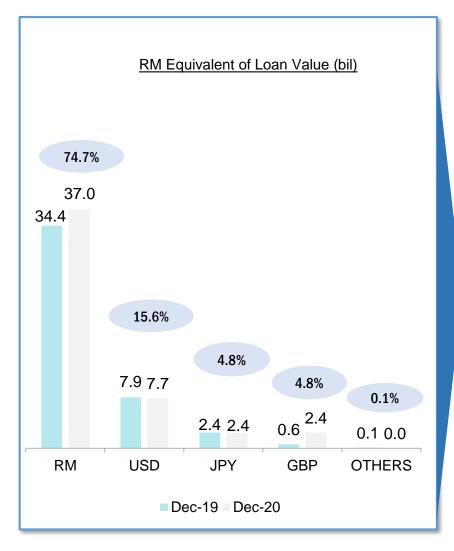
JUNIWATI BINTI RAHMAT HUSSIN

Expertise: Project Management, Corporate Planning and Human Resource



DATO' ROSLINA BINTI ZAINAL Expertise: Business

Gearing – Increased in total debt due to drawdown of new sukuk, however capital headroom remains healthy



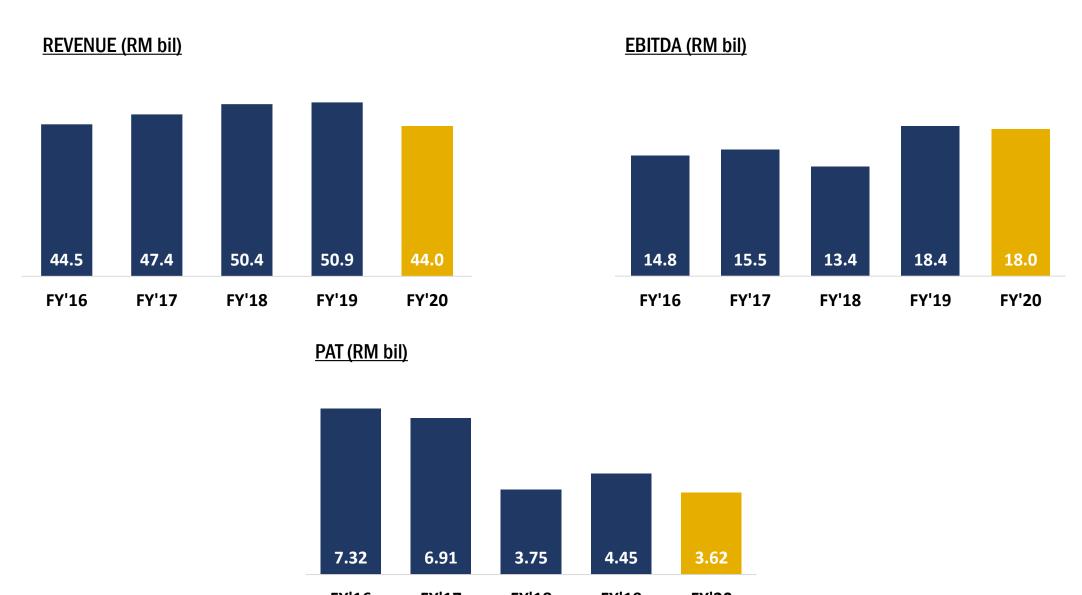
Note:
Debt consists of Principal + Accrued Interest

	Statistics	31 st Dec'20	31 st Dec'19
1	Total Debt (RM' Bil)	49.5	45.4
	Net Debt (RM' Bil)*	36.0	31.2
1	Gearing (%)	46.3	43.4
	Net Gearing (%)	33.7	29.8
	Fixed : Floating		
	Underlying	95:5	98:2
	Final Exposure	99:1	98:2
2	Effective Average Cost of Borrowing (based on exposure) **	4.88	5.06
	* Net Debt excludes deposits, bank and cash balances & inve ** Inclusive of interest rate swap	stment in UTF	

- Increase mainly due to :
 - Issuance of Sukuk Wakalah IMTN of RM3bil on 12th August 2020
 - Loan in Vortex of RM1.5bil due to change of accounting treatment from associate to subsidiary
 - Banker's acceptance of RM1bil for working capital purposes in 1Q'FY20
 - Reduced due to lower interest rate of the new drawdown.

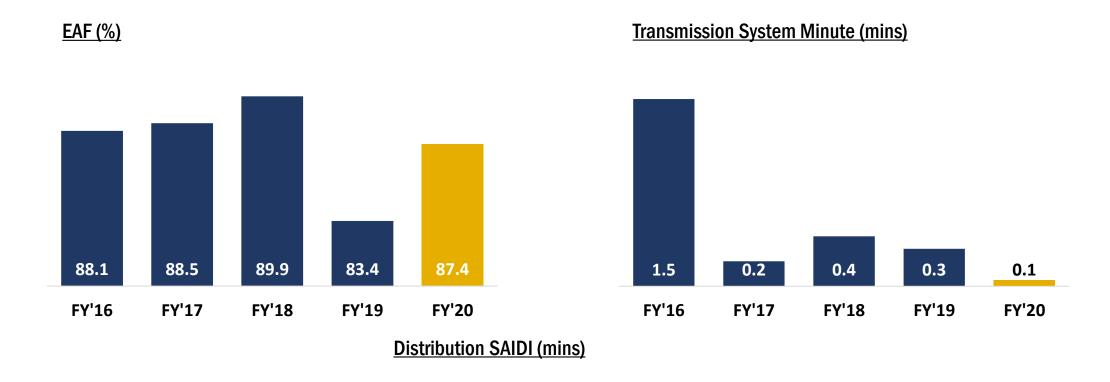
Closing FOREX	31 st Dec'20	30 th Sept'20	30 th Jun'20	31 st Mar'20	31 st Dec'19
USD/RM	4.02	4.18	4.28	4.29	4.09
100YEN/RM	3.90	3.93	3.98	3.96	3.77
GBP/RM	5.48	5.53	5.25	5.30	5.37
USD/YEN	103.12	106.36	107.68	108.24	105.40

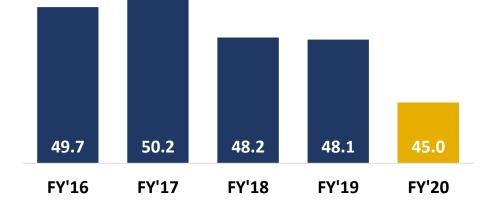
Financial Highlights



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Technical Highlights





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THANK YOU

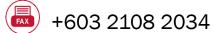
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