



MESYUARAT AGUNG TAHUNAN

Tenaga Nasional Berhad Ke-30

30 Jun 2020



In FY2019 We Saw Achievements Translated In Our Results Of 18.7% Growth In Profit After Tax, Locked-in The Approved Regulated Return Under The IBR Framework & Successfully Commissioned Our Last Coal Plant In The Portfolio



Revenue

RM 50,939.7 million

RM 50,392.5 million
in FY2018

1.1%



EBITDA

RM 18,395.7 million

RM 13,366.9 million
in FY2018

37.6%

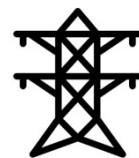


Profit After Tax

RM 4,445.0 million

RM 3,745.0 million
in FY2018

18.7%



Regulated Business

RM 3,841.0 million

RM 3,713.0 million
in FY2018

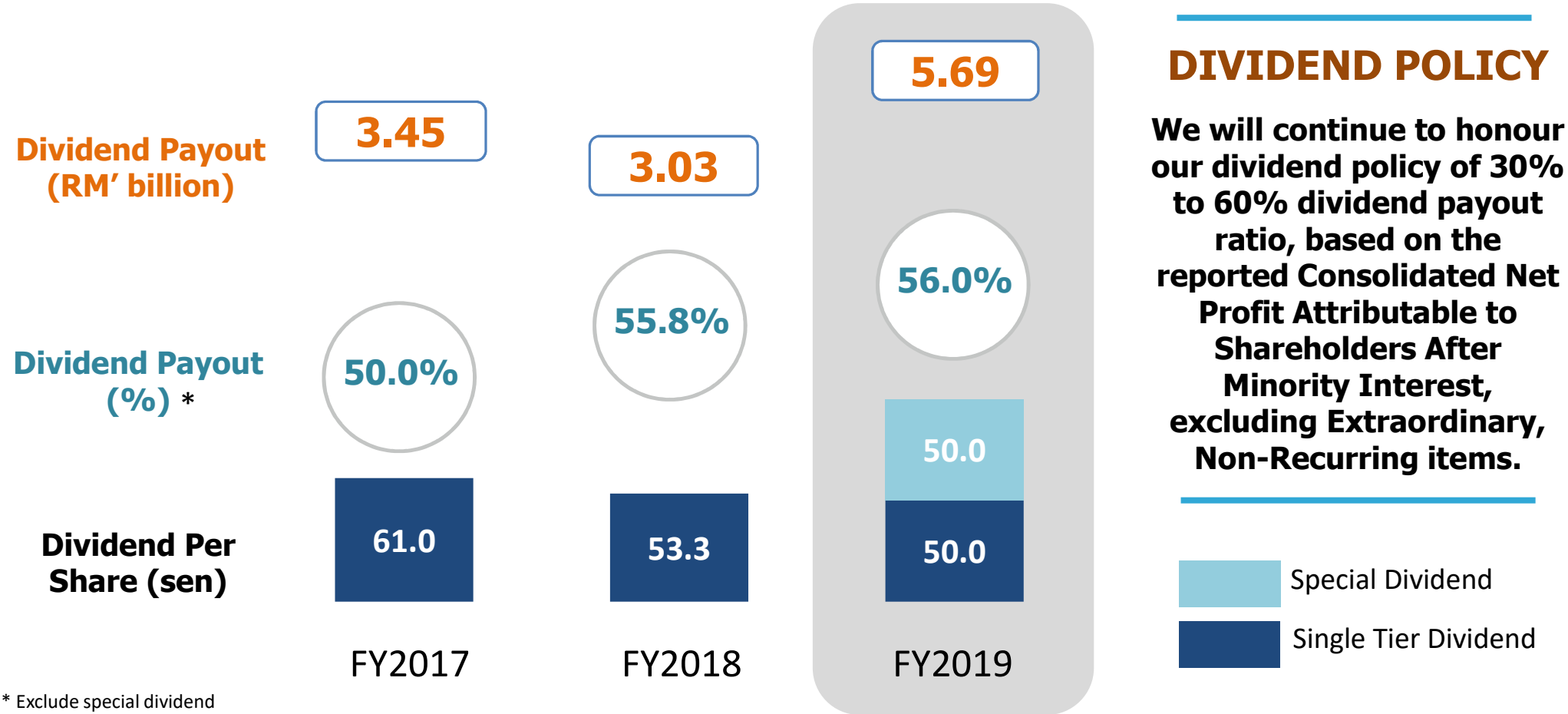
3.5%



**Jimah East Power (Coal)
2,000MW**

- Contribute to TNB Group Revenue through **Capacity & Energy Payments**
- Utilise ultra-supercritical (USC) technology, an efficient coal-burning technology with **40% efficiency**
- **TNB's 3rd USC plant** & the fourth in Malaysia

**With These Achievements, We Are Pleased To Distribute Dividend Payout Of RM5.6bn
Comprising Of A 50.0sen Special Dividend On Top Of 50.0sen Single Tier Dividend To Our Loyal
Shareholders, By Balancing The Company's Growth With Proactive Capital Management**



* Exclude special dividend

We Believe Our Green Efforts Will Be The Seeds Of Growth For Our Long Term Sustainability

Wind



In the portfolio International: Total **144 MW**

Completed the acquisition of the remaining **20% stake** in March 2020 with a total combined capacity of 26.1 MW

The acquisition is in line with our strategy to grow the RE business leveraging on existing assets, capabilities and experience

Biogas & Biomass



In the portfolio

- Domestic Biogas: Total 3.2MW
- Domestic Biomass: Total 10MW

Solar



In the portfolio

- International: Total 391 MW
- Domestic LSS: Total 50 MW
- Rooftop Solar: Total 27 MW (Total secured capacity)

Upcoming LSS:

TNB Bukit Selambau (30 MW), to be COD in Dec 2020

Hydro



In the portfolio

- International: Total 131 MW
- Domestic: Large Hydro - total 2,596 MW
- Mini Hydro: Total 22 MW

Upcoming Mini Hydro:

- Sg. Tersat, Kuala Berang (4MW), to be COD in Dec 2020
- Sg. Telom, Lemoj, Jelai Kecil (44.6 MW) – currently in negotiation
- Sg. Pelus (25.8 MW) – currently in negotiation



Total GHG Emissions Mitigation
5.75 million tCO2e through
renewable assets



Total Subscription **37,266,400 kWh** with
a total of 153 customers as at June 2020



Renewable Energy Certificates of **1,003,226 MWh** tradable units as at April 2020

With Our Commendable Performance, We Are Mindful Of The Role We Can Play In Creating A Sustainable Future For All, While Remaining Attentive To Our Main Responsibility To The Communities We Serve



Economic & Social



212 households benefitted from Projek Baiti Jannati and Program Mesra Rakyat by refurbishing or building new homes through a total contribution of **RM9.96 million**



TNB's contribution of **RM6 million** including sponsorships to the Malaysian Hockey Confederation



Approximately **RM3.49 million** has been allocated to Better Brighter Shelter programme, provide accommodation via dormitories whose members are undergoing treatment in the hospitals



Education



700 students awarded YTN scholarship with a total amount of **RM66.1 million**



RM21.2 million for **3,564 students** from low-income families in the fields of Science, Technology, Engineering and Mathematics through Dermasiswa My Brighter Future (MyBF) Programme



TNB has contributed a total of **RM2.19 million** to 18 schools under the Pintar Schools Adoption Programme



Career Development



More than **RM183 million** contributed in training & development



RM10 million spent to cultivate **705 youth** potentials through PROTÉGÉ



38,000 hours for Leadership Training & Total **1,085,160** training hours

We Uphold The Highest Standards Of Corporate Governance Embedded In A Culture That Values Ethical Behaviour, Integrity And Respect. Our Unwavering Commitment Is Towards Ensuring The Long Term Success Of The Company And Delivery Of Sustainable Value To All Our Stakeholders

TNB Board Committees

- Board Audit Committee
- Board Risk Committee
- Board Finance And Investment Committee
- Board Long Term Incentive Plan Committee
- Board Tender Committee
- Board Integrity Committee
- Board Nomination And Remuneration Committee

Governance Pillars



Leadership & Effectiveness



Internal Audit Function



Relations with Stakeholders

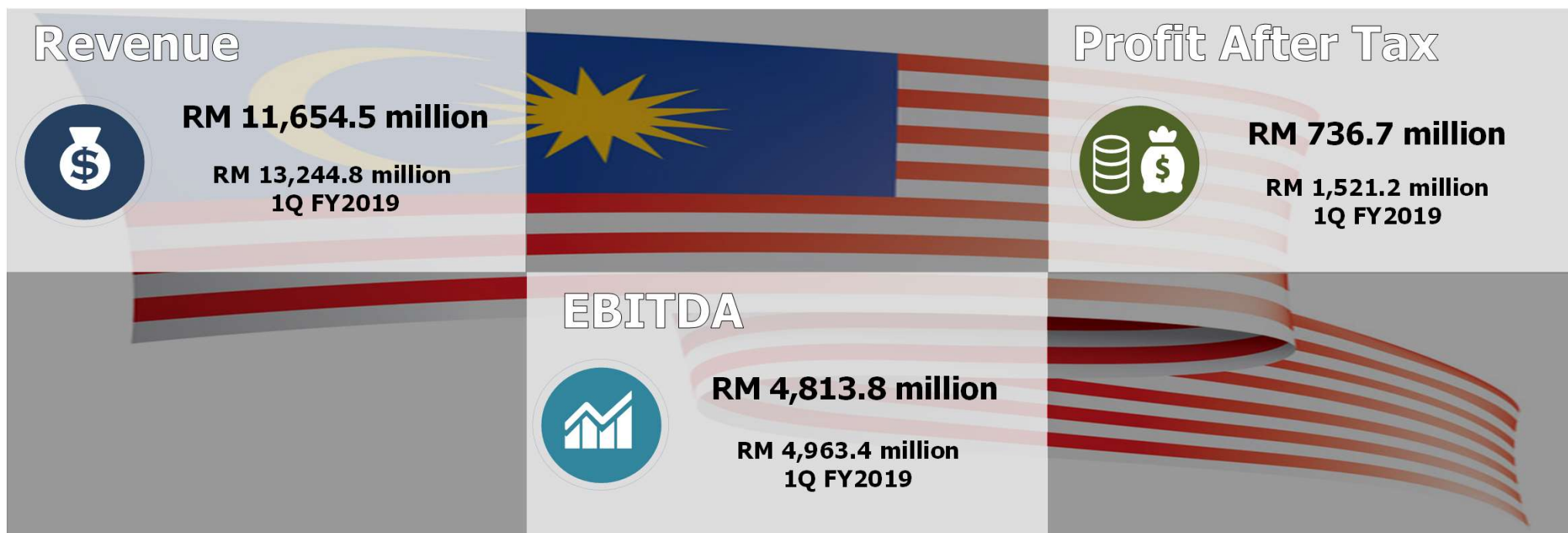


Statement on Risk Management & Internal Controls



Ethics, Integrity & Trust

The Uncertainties In The Global Economy Has Caused The Malaysia Ringgit To Weaken, Impacting Our 1QFY2020 Financials



As Malaysia Endures MCO Due To COVID-19 Pandemic, We Have Suspended All Meter Reading Operations As Part Of The MCO Guidelines, For The Safety Of Our Customers And Employees

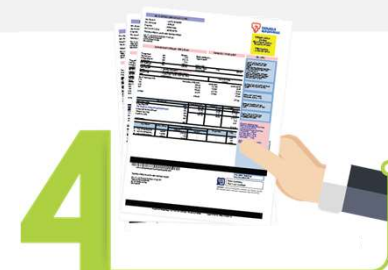
Meter reading activities were discontinued & Estimated bill reading was carried out from 18th March – 15th May 2020



Actual meter reading activities have resumed in stages starting 15th May 2020



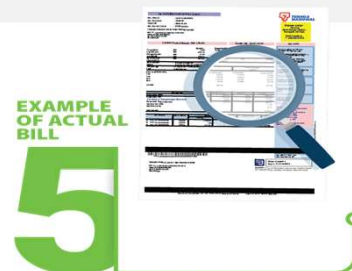
Amount received is the actual bill for the past 3 months' usage (Mar, Apr & May)



Customers are given an option to make instalments payments through our **Easy Payment Plan**



For example: Total electricity usage for 3 months is 1,050kWh. This amount will be divided equally



The Energy Commission Has Reaffirmed And Approved The Billing Calculation Methodology

TNB Is Among The Leading Corporation And One Of The Notable Contributor In Helping Our Communities During This Pandemic

"This is a fight that we are all in. As heads of corporate companies whose successes were built on the shoulders of millions of Malaysians, we must now come together to give back"
- Datuk Seri Amir Hamzah Azizan, President and Chief Executive Officer of TNB.

Staggered electricity bill discounts for 6 months
 (April – September 2020)

TNB supports the Government with **RM250 million** while the balance will be funded by the Government and KWIE (EIF)

Industry	Prihatin & Bantuan Prihatin Elektrik	
	Apr – June 2020	July – Sep 2020
Hotel Operators, Travel Agencies, Local Airlines Offices, Shopping Malls, Convention Centers and Theme Parks	15%	15%
Commercial	2%	2%
Industrial	2%	2%
Specific Agriculture	2%	2%
Domestic :		
1) 0 - 200 kWh	100%	50%
2) 201 - 300 kWh	100%	25%
3) 301 - 600 kWh	15%	15%
4) 601 - 900 kWh	10%	10%
5) >900 kWh	2%	2%

Medical Supplies



RM10 million for the Ministry of Health's purchase of medical equipment and supplies.



RM17.5 million to the State Governments to procure the necessary medical equipment like ventilators and other supplies.



RM1 million contribution from staff through TNB Women's Association (PELITAWANIS) to help the B40 community & orphanages and to purchase materials to make personal protective equipment for the medical frontliners.

Easy Payment Plan for residential customers' electricity bills

During This Health Crisis Which Is Weighing Down Economic Activities Both Global And Domestic, Our Regulated And Generation Businesses Will Continue To Remain Stable Due To IBR Framework And Long-term Power Purchase Agreement. Alongside With Our Robust Balance Sheet, We Will Continue To Honour Our Dividend Policy

Regulated Business



Grid & Distribution Network **will be neutral** as it will not be materially affected by the volatility of the electricity demand



Price Cap Entity

Retail business is exposed to the volatility of the electricity demand, in terms of the shortfall in Kwh.

However the price cap entity is **able to recover** if the Average Selling Price falls below the base tariff

Generation Business



Capacity Payment

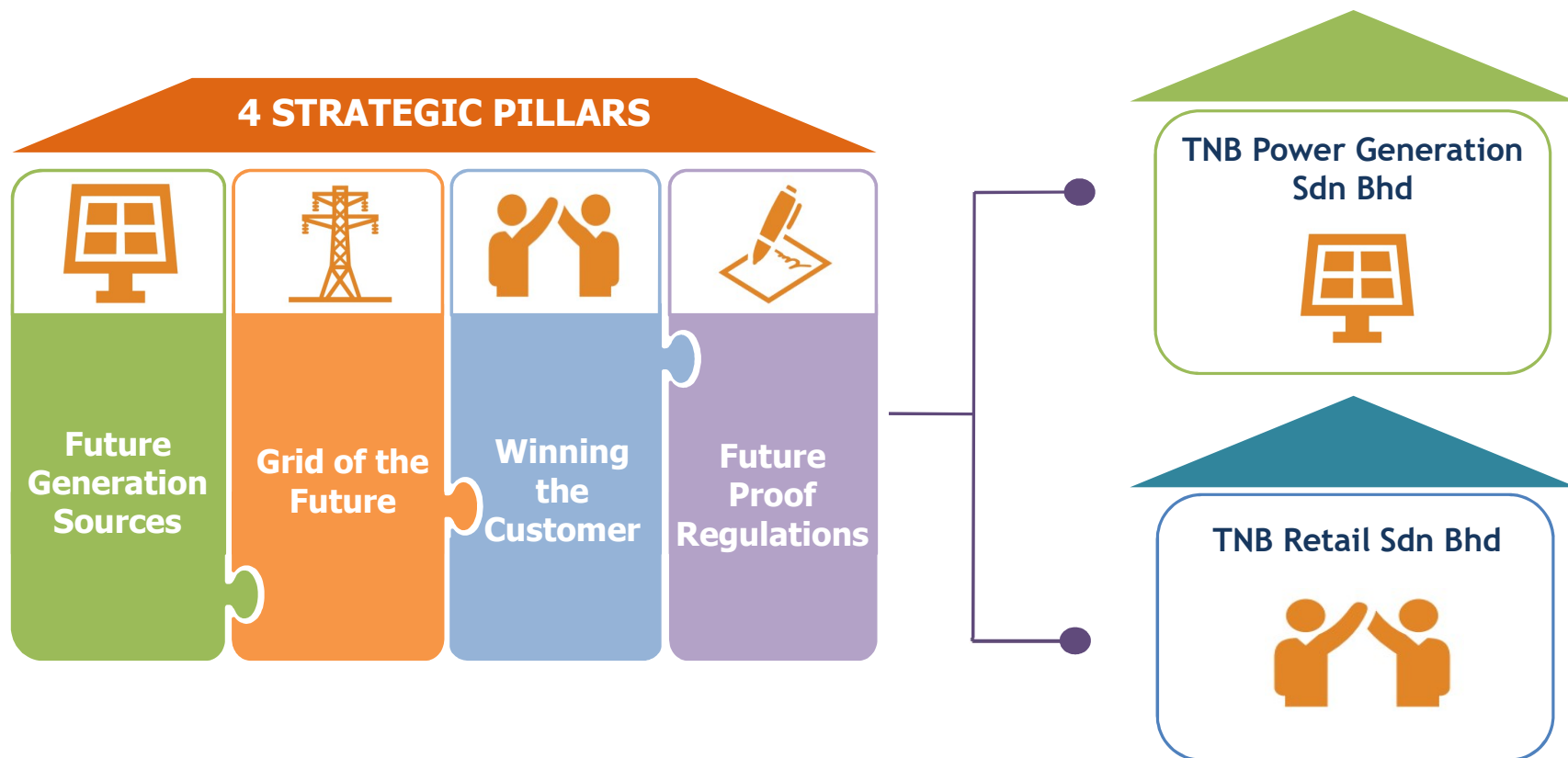
Capacity payment **will not be impacted** as long as the plant is available to dispatch



Energy Payment

Energy payment **will not be materially impacted** as it comprises mainly of fuel cost which is fully pass-through via ICPT

We Will Continue Our Efforts To Achieve Reimagining TNB 2025, Despite Covid-19 Lockdown Challenges



Our internal reorganization exercise will continue as planned

We See Potential Opportunities To Grow Our Domestic Business Through Large Scale Solar And Maintenance Business While Generating Returns Through Our Expired Generation Assets Via NEDA+

TNB Power Generation Sdn Bhd



- **Current TNB power plants:**

- ❑ Coal: 7,680 MW
- ❑ Gas: 4,294 MW
- ❑ Hydro: 2,596 MW
- ❑ Solar: 50MW



- **Upcoming power plants in 2020:**

- ❑ Gas: Southern Power Generation – 1,440 MW
- ❑ Solar: TNB Bukit Selambau – 30 MW



- **Power plant operations & maintenance**



- **Dry bulk terminal operations**

Turnaround Programme To Improve Power Plants Energy Efficiency



- **RM121 million** of cost savings at TNB Janamanjung (TNBJ)
- Overall potential value of **RM220 million** has been identified from TNBJ, TNB Connaught Bridge, TNB Prai, Tuanku Jaafar Power Station and Kapar Energy Ventures

Opportunities

Increase Domestic Renewable Energy Generation through continued participation in the Large Scale Solar scheme

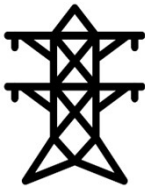
Unlocking Value from expired generation assets through New Enhanced Dispatch Arrangement (NEDA+)

Expanding REMACO for growth opportunities

Our Grid Enhancement Initiatives Allow For Faster Response Through Remote Operations And Lower Our System Minutes & SAIDI Significantly

The Grid remains with TNB

Completed **RM6.9 billion** worth of grid enhancements through:

- 
- Installation of **2,441 new substations**
 - Additional **26,471 circuit-km of new lines**
 - Upgraded **3,850 distribution substations**
 - Implementation of Advanced Metering Infrastructure: As of May 2020: **335,609 smart meters installed**
 - Replace high pressure streetlights to Light LED streetlights: As of May 2020: **415,679 units installed**

Opportunities

➤ **Digitised & Smart Utility Infrastructure** through Smart Grid & Smart Meters

➤ **Completed our Regulatory Period 3 (2021–2023) proposal** and have submitted it to the Government in January 2020

System Minutes & SAIDI Improved Further in FY2019

System Minutes

0.27 minutes in FY2019

0.35 minutes in FY2018

SAIDI

48.13 minutes in FY2019

48.22 minutes in FY2018

Customer-centricity Remains Our Top Priority, To Provide Seamless And Meaningful Experience For Our 9.25 Million Customer Base

TNB Retail Sdn Bhd



- ❑ Deliver our services and interactions towards “Click”, “Call” and “Come Over” channels
- ❑ Further enhanced the performance and features for the myTNB app and portal towards customer needs

Rooftop Solar Business



- ❑ 27MW from 189 secured projects with a potential revenue of **RM16 million** contributing to the Group

Broadband Business



- ❑ Allo signed agreements with Maxis & Astro to expand its broadband services
- ❑ TNB will be expanding into another 14,700 houses in Melaka. As of May 2020, 3,200 houses in Alor Gajah have been implemented.

Opportunities

➤ **Enhancing Customers’ Experience** by offering beyond meter products such as smart solutions for homes and businesses, battery storage, or energy trading platforms

➤ **New Products & Services** to capture more growth opportunities such as multi-utility billing solution, Broadband services, or sales of third-party products

➤ **Uplift our solar business** through Net Energy Metering (NEM) scheme & Supply Agreement for Renewable Energy (SARE)



8.1 Customer Satisfaction Index
for the **4th consecutive year**
in FY2019



**Our Frontliners Have
Played A Vital Role
During The Covid-19
Pandemic**

**We Thank You For Your
Endless Support To
Ensure Sufficient
Power Supply For This
Country**

THANK YOU