Adani Energy Solutions Limited
(Formerly known as Adani Transmission Limited)
Q2 FY24 Results Presentation
November 2023
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Adani: A World Class Infrastructure & Utility Portfolio

Flagship

Incubator

(72.6%)
AEL

Infrastructure and Utility
Core Portfolio

Energy & Utility

(56.3%)
AGEL
Renewables

AEL
Equity stake in its subsidiaries

(37.4%)
ATGL2
Gas Discom

(73.2%)
AESL
T&D

(70.0%)
APL
IPP

Transport & Logistics

(65.5%)
APSEZ
Ports & Logistics

(100%)
AdaniConneX3
Data Centre

Primary Industry

Materials, Metal &
Mining

(63.2%)
Cement4

Emerging B2C

Direct to Consumer

(44.0%)
AWL
Food FMCG

(64.71%)
NDTV

(100%)
ADL
Digital

(100%)
PVC

(100%)
Copper, Aluminum

(100%)
Specialist
Manufacturing5

(100%)
Mining Services &
Commercial Mining

(100%)

A multi-decade story of high growth centered around infrastructure & utility core

Adani Portfolio: Decades long track record of industry best growth with national footprint

Secular growth with world leading efficiency

Growth 3x
EBITDA 70% 1,2

Growth 4x
EBITDA 92% 1,4

Growth 1.4x
EBITDA 19% 1,3

National footprint with deep coverage

Adani's Core Infra. Platform – 320 Mn Userbase

Note: 1. Data for FY23; 2. Margin for Indian ports business only. Excludes forex gains/losses; 3. EBITDA = PBT + Depreciation + Net Finance Costs – Other Income; 4. EBITDA Margin represents EBITDA earned from power supply; 5. Operating EBITDA margin of transmission business only, does not include distribution business; PBT: Profit before tax, ATGL: Adani Total Gas Limited, AEL: Adani Enterprises Limited, APSEZ: Adani Ports and Special Economic Zone Limited, AESL: Adani Energy Solutions Limited, APL: Adani Power Limited, AGE: Adani Green Energy Limited 1. Growth represents the comparison with respective industry segment. 6. Growth pertains to expansion and development aligned with market growth. Growth of respective Adani portfolio company vs. Industry growth is as follows: APSEZ’s cargo volume surged from 113 MMT to 339 MMT (13%) between 2014 and 2023, outpacing the industry’s growth from 972 MMT to 1433 MMT (4%). AGEL’s operational capacity expanded from 0.3 GW to 8.1 GW (60%) between 2016 and 2023, surpassing the industry’s growth from 46 GW to 125 GW (15%). AESL’s transmission length increased from 6,950 ckm to 19,779 ckm (16%) between 2016 and 2023, surpassing the industry’s growth from 3,41,551 ckm to 4,71,341 ckm (5%). ATGL expanded its geographical areas from 6 to 52 (31%) between 2015 and 2023, outperforming the industry’s growth from 62 to 293 (21%).
Adani: Repeatable, robust & proven transformative model of investment

Phase
Centre of Excellence
Development
Project Management & Assurance Group
Operations
Post Operations

Activity

Origination
Site Development
Construction
Operation
Capital Mgmt

Performance

- Analysis & market intelligence
- Viability analysis
- Strategic value

India's Largest Commercial Port (at Mundra)

- Site acquisition
- Concessions and regulatory agreements
- Investment case development

Longest Private HVDC Line (Mundra – Mohindergarh)

- Engineering & design
- Sourcing & quality levels
- Equity & debt funding at project

2,140 MW Hybrid cluster operationalized in Rajasthan in FY23

- Life cycle O&M planning
- Asset Management plan

Energy Network Operation Center (ENOC)

- Redesigning the capital structure of the asset
- Operational phase funding consistent with asset life

Centralized continuous monitoring of plants across India on a single cloud-based platform


March 2016
March 2023

<table>
<thead>
<tr>
<th>PSU</th>
<th>Pvt. Banks</th>
<th>Bonds</th>
<th>DII</th>
<th>Global Int. Banks</th>
<th>PSU – Capex LC</th>
<th>NFCs and FIs</th>
</tr>
</thead>
<tbody>
<tr>
<td>14%</td>
<td>31%</td>
<td>55%</td>
<td>29%</td>
<td>34%</td>
<td>15%</td>
<td>3%</td>
</tr>
</tbody>
</table>
**AESL: A platform well-positioned to leverage growth opportunities in energy domain**

<table>
<thead>
<tr>
<th>Development</th>
<th>Operations</th>
<th>Returns and Equity Value Creation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Execution Prowess</strong></td>
<td><strong>Strategic Presence</strong></td>
<td><strong>RAB expansion through Asset Hardening in Discoms</strong></td>
</tr>
<tr>
<td>Transmission Network of 19,862 ckm(^1)</td>
<td>Transmission - Presence in 14 states</td>
<td>8% CAGR growth in RAB in Mumbai Discom in 5 years (since acquisition)</td>
</tr>
<tr>
<td>Built Longest Private HVDC Line(^2)</td>
<td>Distribution - Integrated utilities catering to Mumbai (AEML) and Mundra (MUL)</td>
<td>AEML growth strategy is emulated in MUL</td>
</tr>
<tr>
<td></td>
<td>Smart Meters - Presence in 4 states</td>
<td></td>
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<tr>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Operating Efficiency</strong></td>
<td><strong>Consumer-centricity</strong></td>
<td><strong>Embedded ESG Framework</strong></td>
</tr>
<tr>
<td>Robust network availability of 99.7%</td>
<td>Supplier of choice for 12 million+ consumers with a green power option</td>
<td>Decarbonisation of Grid (Achieved 38% RE power and on track to reach 60% by FY27)</td>
</tr>
<tr>
<td>One of lowest Distribution losses in the country (5.93% in FY23 in AEML)</td>
<td>Smart Metering (78 million potential consumer base)</td>
<td>Installed 3.36 MWp solar capacity for auxiliary consumption at substations</td>
</tr>
<tr>
<td>Highest EBITDA margin in the sector (91% in Transmission)</td>
<td>CSAT surveys for 12 critical processes for high consumer satisfaction (top 3%)</td>
<td>Board Diversity and Strengthening</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Equity Partnerships(^3)</strong></td>
<td><strong>Construction Framework Agreement</strong></td>
<td><strong>Significant Growth Potential</strong></td>
</tr>
<tr>
<td>Secured primary and secondary equity investments from marquee investors – QIA in AEML in 2019 and GQG Partners in 2023 in AESL (infusion of US$ 1,130 million)</td>
<td>Fully funded plan, AESL has raised US$ 700 mn (US$ 1.1 bn fully drawn) revolving facility, additional US$ 2 bn GMTN program in place for AEML Capex program</td>
<td>Parallel Licensing, Smart Metering and Cooling Solutions</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Increasing participation in renewable grid (eg: HVDC Mumbai, Khavda)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Green industrial cluster in Mundra</td>
</tr>
</tbody>
</table>

**Note:**
1) Transmission network is as of October 2023 and includes operational, under-construction assets.
2) HVDC: High voltage direct current – Longest at the time of commissioning.
3) QIA’s Investment in AEML: US$ 452 mn (Rs 32 bn) total investment (US$ 170 mn of Equity and US$ 282 mn of shareholder sub-debt), Qiao Investment of Rs. 5,637 Cr (US$ 77 million) for 6.76% stake based on closing price of Rs 810 dated September 29, 2023.

QIA: Qatar Investment Authority; IHC: International Holding Company; TOD Tariff: Time of Day Tariff; AMI: Advanced Metering Infrastructure, MUL: MPSEZ Utilities Limited; EBITDA: Earning before interest tax, depreciation & amortization; O&M: Operation and Maintenance; MWp: Megawatt Peak; SS: Sub-station; Ckm: Circuit Kilometer; ESG: Environmental, Social and Governance; ROE: Return on Equity; GMTN: Global Medium Term Note; AEML: Adani Electricity Mumbai Limited; CAGR: Compounded Annual Growth Rate; RE: Renewable Energy; CSAT: Consumer Satisfaction.
AESL - Executive Summary and Key Focus Areas
AESIS: Executive Summary – Q2 FY24

**Operational Update:**
- Added 219 ckms to operational network during the quarter with total network at 19,862 ckms.
- During the quarter, operationalized WKTL & KTL and charged KVTL line. Received LOI for Sangod Transmission line.
- Received LOA for four smart metering projects in Maharashtra, AP and Bihar totaling 14.76 million smart meters with a contract value of Rs. 174 billion during the quarter.
- Maintained robust system availability upwards of 99.68%.
- 9.53% YoY growth – units sold 2,446 million units vs. 2,233 million units last year on account of uptick in energy demand.
- Distribution loss improving consistently and stands at 5.81% in Q2FY24 and maintained supply reliability (ASAI) of more than 99.9%.
- The share of Renewable power supplied to Mumbai circle increased to 38% at the end of September 30, 2023, as committed under the July 2021 SLB issuance.

**Financial Update (YoY):**
- Consolidated Revenue increased by 13% to Rs. 3,421 Cr.
- Consolidated operational EBITDA grew by 10% to Rs. 1,368 Cr and EBITDA at Rs 1,443 Cr grew by 6%.
- PBT of Rs. 370 Cr was 48% higher YoY (PBT in Q2 last year was lower on account of adverse forex movement (MTM) of Rs 138 Cr (MTM adjustment on foreign currency loans)).
- PAT ended 46% higher at Rs 284 Cr.
- Consolidated cash profit of Rs 757 Cr during the quarter was 1.2% higher YoY.
- Net debt to EBITDA stands at 3.8x as of September 2023.

**Other Key Updates:**
- "Platinum Award" for Occupational Health and Safety under the 8th Apex India Occupational Health and Safety Award 2023 by Apex India Foundation.
- Economic Times HR World honoured Adani Electricity Mumbai Limited in July’23 with the highest award in the category of Best Innovative Leadership Development Programme for Adani Electricity’s ‘AE-Marvels’.
- AESL received the ‘Emerging Company of the Year Award 2022’ at the ET Awards on Corporate Excellence in recognition of its growth, scale, and sustainable business practices.
- AEML, Mumbai’s primary and most preferred power utility, is now also India’s No. 1 power utility, per the Ministry of Power’s 11th Annual Integrated Rating and Ranking for Power Distribution, a report prepared by McKinsey & Company and PFC (the nodal agency).
- AESL is in the Top 50 of India’s Most Sustainable Companies in the annual ranking of BW Business World. AESL was featured in the top 3 most sustainable companies by prioritising sustainable practices.
- Single-use Plastic Free, Zero Waste to Landfill (ZWL), and Net Water Positive certification from independent agencies like DNV, Intertek, and CII.
**AESC: Key Focus Areas – FY24 and Beyond**

### Financial Summary – Q2 FY24
- Achieved **double digits** revenue growth of **13%** in Q2FY24
- Consolidated PBT rose by **48%** to **Rs 370 Cr** in Q2FY24
- Consolidated PAT increased by **46%** to **Rs 284 Cr** in Q2FY24
- Net debt to EBITDA as of 1H FY24 stands at **3.8x**
- Fixed Asset Coverage (Fixed Assets / Net Debt) as of 1H FY24 stands at **1.7x**

### Locked-in Growth and Outlook
AESC well placed to capture future growth through multiple avenues:
- Robust under-construction pipeline worth **Rs. 150 bn in Transmission** and **Rs 230 bn in Smart metering**
- **Distribution**: Expansion into newer geographies through parallel license (Navi Mumbai, Greater Noida, Mundra Subdistrict)
- Strong growth potential in the **Smart Metering business**
- Annual capex plan of **Rs. 50-60 bn** out of which Rs. 13-15 bn to grow RAB at AEML business

### Robust Capital Management
- AESC continues to focus on shoring up equity, reducing the cost of debt, and bringing in marquee partners to share global corporate practices (Induction of QIA and GQG as equity partners)
- Continue to **diversify debt sources and elongate the maturity profile**
- **Investment grade ratings remain intact**: Strong thrust on the maintenance of the IG rating by constantly improving liquidity ratios, ensuring credit quality (BBB- / Baa3)

### Integrated ESG Framework with a defined glidpath
- Announced commitment to become **Net Zero by 2050**
- Achieved **38% renewable** power procurement as of September **2023** as against target of 30%. Targeting 60% by FY27.
- Enhanced **resolve and contribution towards SDGs** by achieving Zero Waste to Landfill (ZWL), Single Use Plastic (SuP) Free sites, and Net Water Positive Status for all O&M sites by the end of FY23
- **ESG Rankings**: MSCI (2023): BBB; S&P CSA (2022) scored 59/100 vs. a world electric utility average of 31; FTSE (2023): 4/5 (a world utility average of 2.7/5)

**Note**: Net-debt to EBITDA ratio calculation considered only long-term debt at hedge rate and excluded sub debt. For Asset Coverage ratio considered Fixed Asset of Rs. 39,957 Cr and Net debt of Rs 23,606 Cr (ex QIA sub-debt).
Revenue         EBITDA            PAT
Rs. 3,421 Cr     Rs. 1,443 Cr      Rs. 284 Cr
13% up YoY       6% up YoY        46% up YoY

Q2 FY24 Financial Highlights (YoY)
AESL: Consolidated Financial Highlights Q2FY24 YoY

Note: #Q2 FY23 PAT was lower on account of adverse forex movement (MTM) of Rs 138 Cr (MTM adjustment on foreign currency loans). Cash profit calculated as PAT + Depreciation + Deferred Tax + MTM option loss.
AESL: Segment-wise Financial Highlights Q2FY24 YoY

### Operational Revenue

<table>
<thead>
<tr>
<th>Segment</th>
<th>Q2FY23 (In Rs Cr)</th>
<th>Q2FY24 (In Rs Cr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transmission</td>
<td>868</td>
<td>941</td>
</tr>
<tr>
<td>Distribution</td>
<td>2164</td>
<td>2480</td>
</tr>
</tbody>
</table>

### EBITDA

<table>
<thead>
<tr>
<th>Segment</th>
<th>Q2FY23 (In Rs Cr)</th>
<th>Q2FY24 (In Rs Cr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transmission</td>
<td>834</td>
<td>907</td>
</tr>
<tr>
<td>Distribution</td>
<td>528</td>
<td>536</td>
</tr>
</tbody>
</table>

### PAT

<table>
<thead>
<tr>
<th>Segment</th>
<th>Q2FY23 (In Rs Cr)</th>
<th>Q2FY24 (In Rs Cr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transmission</td>
<td>239</td>
<td>259</td>
</tr>
<tr>
<td>Distribution</td>
<td>25</td>
<td>-45#</td>
</tr>
</tbody>
</table>

Note: #Q2 FY23 PAT was lower on account of adverse forex movement (MTM) of Rs 138 Cr (MTM adjustment on foreign currency loans). Cash profit calculated as PAT + Depreciation + Deferred Tax + MTM option loss.
**AESL: Transmission Utility - Revenue and Operating EBITDA Bridge Q2FY24 YoY**

(In Rs Cr)

<table>
<thead>
<tr>
<th></th>
<th>Q2 FY24</th>
<th>New revenue contribution from new line elements</th>
<th>Q2 FY23</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Revenue</strong></td>
<td>915</td>
<td></td>
<td>847</td>
</tr>
<tr>
<td><strong>Newly operational SPVs</strong></td>
<td>83</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Additional revenue basis tariff order</strong></td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Normal revenue decrease as per applicable tariff</strong></td>
<td>(27)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Operating EBITDA up 9% driven by strong revenue**

<table>
<thead>
<tr>
<th></th>
<th>Q2 FY24</th>
<th>Revenue (refer to revenue bridge)</th>
<th>Incentive</th>
<th>Operating expenses (newly commissioned projects)</th>
<th>Q2 FY23</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Revenue</strong></td>
<td>854</td>
<td>68</td>
<td>4</td>
<td>(5)</td>
<td>786</td>
</tr>
</tbody>
</table>

Revenue (excluding incentive) up 8% supported by revenue contribution from new line elements
AESL: Distribution (AEML+MUL) - Revenue and Operating EBITDA Bridge Q2FY24 YoY

Revenue up 15% driven by higher energy demand

Operating EBITDA ended 13% higher

Note: Distribution segment includes AEML Mumbai and MUL Mundra assets; Mundra Utility Ltd. (MUL) acquisition was done in Dec'21
1H FY24 Financial Highlights (YoY)

<table>
<thead>
<tr>
<th>Revenue</th>
<th>EBITDA</th>
<th>PAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rs. 7,042 Cr</td>
<td>Rs. 2,821 Cr</td>
<td>Rs. 466 Cr</td>
</tr>
<tr>
<td>16% up YoY</td>
<td>5% up YoY</td>
<td>28% up YoY</td>
</tr>
</tbody>
</table>
**AESL: Consolidated Financial Highlights 1HFY24 YoY**

<table>
<thead>
<tr>
<th>Indicator</th>
<th>1HFY23 (In Rs Cr)</th>
<th>1HFY24 (In Rs Cr)</th>
<th>Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operational Revenue</td>
<td>6081</td>
<td>7042</td>
<td>16%</td>
</tr>
<tr>
<td>EBITDA</td>
<td>2688</td>
<td>2821</td>
<td>5%</td>
</tr>
<tr>
<td>PAT</td>
<td>363^</td>
<td>466</td>
<td>28%</td>
</tr>
<tr>
<td>Cash Profit</td>
<td>1479</td>
<td>1406#</td>
<td>-5%</td>
</tr>
</tbody>
</table>

**Note:**
- #Consolidated cash profit of Rs 1,406 Cr in 1HFY24 was 5% lower YoY due to the one-time tax impact of Rs. 65 Cr on dividend from AEML and additional cash outgo of Rs. 20 Cr for hedging cost on moving to CCS from option contracts.
- ^1H FY23 PAT was lower on account of adverse forex movement (MTM) of Rs 138 Cr (MTM adjustment on foreign currency loans).
- Cash profit calculated as PAT + Depreciation + Deferred Tax + MTM option loss.
## AESL: Segment-wise Financial Highlights 1HFY24 YoY

### Operational Revenue

<table>
<thead>
<tr>
<th></th>
<th>1HFY23</th>
<th>1HFY24</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transmission</td>
<td>1704</td>
<td>1825</td>
</tr>
<tr>
<td>Distribution</td>
<td>4377</td>
<td>5217</td>
</tr>
</tbody>
</table>

### EBITDA

<table>
<thead>
<tr>
<th></th>
<th>1HFY23</th>
<th>1HFY24</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transmission</td>
<td>1644</td>
<td>1769</td>
</tr>
<tr>
<td>Distribution</td>
<td>1044</td>
<td>1052</td>
</tr>
</tbody>
</table>

### PAT

<table>
<thead>
<tr>
<th></th>
<th>1HFY23</th>
<th>1HFY24</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transmission</td>
<td>473</td>
<td>421</td>
</tr>
<tr>
<td>Distribution</td>
<td>-110#</td>
<td>45</td>
</tr>
</tbody>
</table>

### Cash Profit

<table>
<thead>
<tr>
<th></th>
<th>1HFY23</th>
<th>1HFY24</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transmission</td>
<td>948</td>
<td>918</td>
</tr>
<tr>
<td>Distribution</td>
<td>531</td>
<td>488</td>
</tr>
</tbody>
</table>

Note: #1H FY23 Distribution PAT of Rs 110 Cr was lower on account of adverse forex movement (MTM) of Rs 138 Cr (MTM adjustment on foreign currency loans). Cash profit calculated as PAT + Depreciation + Deferred Tax + MTM option loss.
### AESL: Transmission Utility - Revenue and Operating EBITDA Bridge 1HFY24 YoY

**Revenue (excluding incentive) up 7% supported by revenue contribution from new line elements**

<table>
<thead>
<tr>
<th></th>
<th>1HFY24</th>
<th>Newly operational SPVs</th>
<th>Additional revenue basis tariff order</th>
<th>Normal revenue decrease as per applicable tariff</th>
<th>H1 FY23</th>
</tr>
</thead>
<tbody>
<tr>
<td>H1 FY24</td>
<td>1,773</td>
<td></td>
<td></td>
<td></td>
<td>1,658</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Operating EBITDA up 7% driven by strong revenue**

<table>
<thead>
<tr>
<th></th>
<th>1HFY24</th>
<th>Revenue (refer to revenue bridge)</th>
<th>Incentive</th>
<th>Operating expenses (newly commissioned projects)</th>
<th>H1 FY23</th>
</tr>
</thead>
<tbody>
<tr>
<td>H1 FY24</td>
<td>1,661</td>
<td></td>
<td>6</td>
<td></td>
<td>1,553</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(In Rs Cr)
**AESL: Distribution (AEML+MUL) - Revenue and Operating EBITDA Bridge 1HFY24 YoY**

**Revenue up 19% driven by higher energy demand**

|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Operating EBITDA ended 7% higher YoY**

| H1 FY24 | Revenue (as per Revenue bridge) | 961 | Revenue gap/ (Surplus) | (1,067) | Fuel/ External power purchase | 281 | Operation & Maintenance expenses | 45 | Employee benefit expenses | (39) | H1 FY23 | 901 |

Note: Distribution segment includes AEML Mumbai and MUL Mundra assets; Mundra Utility Ltd. (MUL) acquisition was done in Dec'21.
AESL’s Capital Management Program elongates debt maturity and significantly improves credit quality

Notes: 1) Debt maturity in 1 to 5 year bucket is high due to bullet repayment due for Obligor-1 in August 2026 which will be refinanced through amortizing bond; 2) For Net Debt considered long-term debt and short-term debt excluding unsecured sub-debt from shareholder Rs. 2,342 Crs in 1H FY24; 3) For net debt to EBITDA calculation we have considered long-term debt at hedge rate and excluded short-term debt and QIA sub-debt of Rs. 2,342 Cr in 1H FY24.
Q2 FY24 Operational Highlights (YoY)

- Average Transmission System Availability: 99.68%
- Transmission Network at 19,862 ckm added 219 ckm
- Supply Reliability (ASAI) in AEML is above 99.99%
- Distribution Loss in AEML further improved to 5.81%
### AESL: Transmission Utility – Key Operating Metrics Q2FY24 (YoY)

#### Transmission Network Length\(^{(2)}\) (ckm)

<table>
<thead>
<tr>
<th></th>
<th>Q2 FY24</th>
<th>Q2 FY23</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>19,862</td>
<td>18,795</td>
</tr>
</tbody>
</table>

- **Addendum:** Added 219 ckm to the operational network in Q2 with total network at 19,862 ckm.

#### Power Transformation Capacity\(^{(2)}\) (MVA)

<table>
<thead>
<tr>
<th></th>
<th>Q2 FY24</th>
<th>Q2 FY23</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>53,161</td>
<td>40,001</td>
</tr>
</tbody>
</table>

- **Addendum:** Continuous expansion in transformation capacity on account of new project addition.

#### Average System Availability\(^{(1)}\) (%)

<table>
<thead>
<tr>
<th></th>
<th>Q2 FY24</th>
<th>Q2 FY23</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>99.68%</td>
<td>99.76%</td>
</tr>
</tbody>
</table>

- **Addendum:** Maintained system availability around 99.7% level.

**Notes:**
1. Availability figures are provisional in nature and are subject to change. Average System availability is calculated basis revenue-weighted line availability.
2. Includes Operational and Under-construction projects.
**AESL: Distribution Utility (AEML) – Key Operating Metrics Q2FY24 (YoY)**

**Supply Reliability (ASAI) (%)**

<table>
<thead>
<tr>
<th></th>
<th>Q2 FY24</th>
<th>Q2 FY23</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASAI (%)</td>
<td>99.999%</td>
<td>99.999%</td>
</tr>
</tbody>
</table>

Maintained supply reliability of more than 99.9%

**Transmission Availability (%)**

<table>
<thead>
<tr>
<th></th>
<th>Q2 FY24</th>
<th>Q2 FY23</th>
</tr>
</thead>
<tbody>
<tr>
<td>Availability</td>
<td>99.47%</td>
<td>99.88%</td>
</tr>
</tbody>
</table>

Transmission system availability remains above 99%

**SAIDI (mins), SAIFI (nos.) and CAIDI (mins)**

<table>
<thead>
<tr>
<th></th>
<th>Q2 FY24</th>
<th>Q2 FY23</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAIDI (mins)</td>
<td>0.06</td>
<td>1.98</td>
</tr>
<tr>
<td>SAIFI (nos.)</td>
<td>32.72</td>
<td>27.45</td>
</tr>
<tr>
<td>CAIDI (mins)</td>
<td>1.98</td>
<td>27.45</td>
</tr>
</tbody>
</table>

Reliability parameters like SAIDI and SAIFI remains robust

**Plant Availability Factor - ADTPS (%)**

<table>
<thead>
<tr>
<th></th>
<th>Q2 FY24</th>
<th>Q2 FY23</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant</td>
<td>98.84%</td>
<td>86.07%</td>
</tr>
</tbody>
</table>

Plant availability remained well above regulatory norms

Notes: 1) **SAIDI** - System Average Interruption Duration Index indicates average outage duration for each customer served. **SAIFI** - System Average Interruption Frequency Index indicates average number of interruptions. **CAIDI**: indicates average time required to restore service during a predefined period.
AESC: Distribution Utility (AEML) – Key Operating Metrics Q2FY24 (YoY)

**Consumer base (million)**

<table>
<thead>
<tr>
<th>Q2 FY24</th>
<th>Q2 FY23</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.15</td>
<td>3.10</td>
</tr>
</tbody>
</table>

- Higher the better

**Distribution Loss (%)**(1)

<table>
<thead>
<tr>
<th>Q2 FY24</th>
<th>Q2 FY23</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.81%</td>
<td>6.00%</td>
</tr>
</tbody>
</table>

- Distribution loss improving consistently and stands well below regulatory norms
- Distribution efficiency remains higher than 100% due to past recoveries

**E-payment (% of total collection)**

<table>
<thead>
<tr>
<th>Q2 FY24</th>
<th>Q2 FY23</th>
</tr>
</thead>
<tbody>
<tr>
<td>79.19%</td>
<td>74.86%</td>
</tr>
</tbody>
</table>

- E-payments share increasing with greater adoption of digital payment channels

**Collection Efficiency (%)**

<table>
<thead>
<tr>
<th>Q2 FY24</th>
<th>Q2 FY23</th>
</tr>
</thead>
<tbody>
<tr>
<td>102.21%</td>
<td>100.76%</td>
</tr>
</tbody>
</table>

- Higher the better

**Number of Complaints**

<table>
<thead>
<tr>
<th>Q2 FY24</th>
<th>Q2 FY23</th>
</tr>
</thead>
<tbody>
<tr>
<td>129,258</td>
<td>132,563</td>
</tr>
</tbody>
</table>

- Consumer complaints falling depict higher satisfaction

Number of Complaints:

- 129,258 Q2 FY24
- 132,563 Q2 FY23

Increase in consumer base reflecting AEML as a supplier of choice

Collection efficiency remains higher than 100% due to past recoveries

Distribution loss improving consistently and stands well below regulatory norms

E-payments share increasing with greater adoption of digital payment channels

Consumer complaints falling depict higher satisfaction
AESL is now certified
- Single Use Plastic (SUP) Free
- Net Water Positive
- Zero-Waste-to-Landfill
For all its operating O&M sites as of 1HFY24

Won the prestigious
"Golden Peacock Award in Environment Management (GPEMA)" award for underscores company's commitment to sustainable practices.

Continue to maintain
Best-in-class ESG ratings
From global rating agencies:
- MSCI ESG Rating of ‘BBB’
- DJSI-S&P Global Corporate Sustainability Assessment score of 59/100
- FTSE Score of 4.0/5 (world utilities avg. 2.7/5)
**AESL: ESG Framework**

- **Guiding Principles and Disclosure Standards**
  - United Nations Global Compact
  - GHG Protocol
  - SBTi
  - TCFD
  - Integrated Reporting framework
  - CDP disclosure
  - TNFO
  - UN Sustainable Development Goals
  - GRI Standards

**Policy Structure**

- **E**
  - Environment, Energy, Water & biodiversity Policies
  - Energy Management System
- **S**
  - Corporate Social Responsibility Policy
  - Occupational Health & Safety Policy
  - Customer Grievance Redressal Mechanism
- **G**
  - Corporate Social Responsibility Committee
  - Corporate Responsibility Committee
  - Risk Management Committees
  - Stakeholders Relationship Committee

**Focus Areas**

- **UNSDG aligned:**
  - Affordable & Clean Energy
  - Responsible consumption & production
  - Sustainable Cities and Communities
  - Climate Action
  - Good Health & well being
  - Decent Work And Economic Growth
  - Quality Education
  - Industry, Innovation & Infrastructure
- **Others:**
  - Consumer empowerment

**ESG Ranking**

- MSCI (2023): BBB
- S&P CSA (2022) scored 59/100 vs. world electric utility average of 31
- FTSE (2023): 4/5 (world utilities avg. 2.7/5)

**Our Commitment:**

- Increase renewable power procurement to 60% by FY27 (achieved 38% RE in Q2FY24) (SDG 7)
- Reduce GHG Emission Intensity\(^{(1)}\) to 40% by FY25, 50% by FY27 and 60% by FY29 (SDG 13)
- Achieve Zero Waste to Landfill\(^{(2)}\) for all operational sites (achieved in FY23)
- Achieve Single Use Plastic Free\(^{(2)}\) (achieved in FY23)

---

Notes: 1) GHG Emission Intensity = tCO2 / Rs Cr EBITDA; 2) Confederation of Indian Industry – ITC Centre of Excellence for Sustainable Development (CII-ITC CESD) certified SUP Free status to 37 operational sites of AESL, i.e., 30 substations and 7 transmission line clusters including stores; 3) AEML, being subsidiary of AESL with ~40% of reported EBITDA share, reports disclosures through AESL; 4) AEML is in process to adopt the guiding principles for independent reporting | UNSDG – United Nation Sustainability Development Goals | TCFD - Task Force on Climate-Related Financial Disclosures | TNFD - Taskforce on Nature-related Financial Disclosures | SBTi - Science Based Targets Initiative | CDP - Carbon Disclosure Rating GHG – Green House Gas
## AESL: Key Environmental Indicators and Milestones

<table>
<thead>
<tr>
<th>Key Performance Indicators</th>
<th>Current Status</th>
<th>Baseline</th>
<th>Medium to Long-term Targets</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Energy Mix &amp; Emission Intensity</strong></td>
<td>AEML has <strong>achieved 38% renewable</strong> in power mix in September 2023</td>
<td>3% FY19</td>
<td>30% by 2023 (achieved 38%)</td>
</tr>
<tr>
<td>- RE share in power procurement</td>
<td>3% FY19</td>
<td>3% FY19</td>
<td>30% by 2023 (achieved 38%)</td>
</tr>
<tr>
<td>- GHG Emission Intensity Reduction</td>
<td>FY19 2,254 tCO2e/EBITA</td>
<td>40% by FY25</td>
<td>70% by FY30</td>
</tr>
<tr>
<td><strong>Waste Reduction and Biodiversity Management</strong></td>
<td>Secured ZWL status from Intertek</td>
<td>No certification in FY19-20</td>
<td>Achieved <strong>ZWL for all O&amp;M sites</strong> in May 2022</td>
</tr>
<tr>
<td>- Zero waste to landfill (ZWL)</td>
<td>Covered all operational sites (substations and TLs) of AESL</td>
<td>No certification in FY19-20</td>
<td>Achieved <strong>ZWL for all O&amp;M sites</strong> in May 2022</td>
</tr>
<tr>
<td></td>
<td>Achieved landfill diversion rate exceeding 99%</td>
<td>No certification in FY19-20</td>
<td>Achieved <strong>ZWL for all O&amp;M sites</strong> in May 2022</td>
</tr>
<tr>
<td>- Single use plastic (SuP) free sites</td>
<td>Attained SUP free status from CII-ITC CESD</td>
<td>No certification in FY19-20</td>
<td>Achieved <strong>SUP free status for 37 sites</strong> in March 2023</td>
</tr>
<tr>
<td></td>
<td>Covered 37 operational sites of AESL</td>
<td>No certification in FY19-20</td>
<td>Achieved <strong>SUP free status for 37 sites</strong> in March 2023</td>
</tr>
<tr>
<td></td>
<td>Strengthening alignment with UNSDG 12</td>
<td>No certification in FY19-20</td>
<td>Achieved <strong>SUP free status for 37 sites</strong> in March 2023</td>
</tr>
<tr>
<td>- India Business Biodiversity Initiative (IBBI) and ensure no net loss to biodiversity</td>
<td>Signatory to IBBI and submitted first progress report in 2020</td>
<td>No water neutrality in FY 19-20</td>
<td>Secured <strong>Net Water Positive Certification</strong> for all O&amp;M sites in November 2022</td>
</tr>
<tr>
<td></td>
<td>Afforestation of 441 hectares area in FY21-22</td>
<td>No water neutrality in FY 19-20</td>
<td>Secured <strong>Net Water Positive Certification</strong> for all O&amp;M sites in November 2022</td>
</tr>
<tr>
<td>- Water Neutrality (Water conservation)</td>
<td>Achieved &quot;Net Water Positive&quot; status for 30 substations and 07 TL clusters under UNSDG 6</td>
<td>No water neutrality in FY 19-20</td>
<td>Secured <strong>Net Water Positive Certification</strong> for all O&amp;M sites in November 2022</td>
</tr>
<tr>
<td></td>
<td>Carried-out rainwater harvesting feasibility study and implemented water metering across all sites</td>
<td>No water neutrality in FY 19-20</td>
<td>Secured <strong>Net Water Positive Certification</strong> for all O&amp;M sites in November 2022</td>
</tr>
<tr>
<td><strong>Energy Efficiency and Management</strong></td>
<td>3.362 MWp solar capacity at Mahendragarh, Akola, Koradi, Sami, Morena, Rajnandgaon</td>
<td>Solar capacity of 1.7 MWp in FY19-20</td>
<td>Coverage across all transmission Sites</td>
</tr>
<tr>
<td>- Reduction in auxiliary consumption through solar power</td>
<td>Solar capacity of 1.7 MWp in FY19-20</td>
<td>Coverage across all transmission Sites</td>
<td></td>
</tr>
</tbody>
</table>
AESL: Social Philosophy and Focus Areas

United Nations Sustainable Development Goals 2030

Access to Education
1. No Poverty
4. Quality Education

Community Health
3. Good Health & Well Being

Women's Empowerment
2. Zero Hunger
5. Gender Equality
8. Decent Work & Economic Growth

Sustainable Livelihood
2. Zero Hunger
8. Decent Work & Economic Growth

Ecology
7. Affordable and Clean Energy
13. Climate Action
15. Life on Land

Water Secure Nation
6. Clean Water and Sanitation

Social licensing to operate at various locations with a goal to improve quality of life imperatives

Notes: 1. Adani Foundation leads various social initiatives at Adani Group; ASDC: Adani Skill Development Centre; Swachhagrah: a movement to create a culture of cleanliness; SuPoshan: A movement to reduce malnutrition among children

Our social Initiatives are mapped to UNSDG 2030

- **Access to Education**
  - Tiroda, Dahanu and Sami village
  - Physical infrastructure and e-learning platform in rural areas
  - Educational Kits (2830 students benefited) & School Uniforms to Anganwadi children (5780 students benefited)
  - Education & awareness in areas of Cleanliness and Safety (1900 Schools Covered)

- **Community Health**
  - Multiple locations
  - Distribution of Dura Oxygen Cylinders to various hospitals in Dahanu Taluka for medical treatment of COVID patients
  - Infrastructure development of two vaccination centers enhance Covid vaccination drive: >17K vaccination done at the two centers

- **Women’s Empowerment**
  - Dahanu and Mumbai
  - Saksham: Skill development of women through social program through National Skill Training Institute (Women)
  - Inducted first ever All Women Team of meter readers
  - Sanginis: Identifying and nurture women as a change agent in rural hamlets; developed 123 Sanginis till date

- **Sustainable Livelihood**
  - Dahanu
  - Provide support for livelihood for landless laborers in association with NABARD covering 11 villages of Dahanu and 1,000 land-owning families

- **Ecology**
  - Mumbai and Dahanu
  - AEMIL has achieved 38% renewable in power mix in September 2023
  - Plantation of mangroves (>20 Mn cumulative)
  - >50% open area converted in green land

- **Water Secure Nation**
  - Multiple locations
  - Drinking water filtration plant at Agwan village of capacity 5m3/hr, where around 5,500 people benefited
  - Rain-water harvesting and Borewell for increasing ground water table

Notes: 1. Adani Foundation leads various social initiatives at Adani Group; ASDC: Adani Skill Development Centre; Swachhagrah: a movement to create a culture of cleanliness; SuPoshan: A movement to reduce malnutrition among children
**AESL: Key Social Indicators and Milestones**

<table>
<thead>
<tr>
<th>Material Categories</th>
<th>Material Themes</th>
<th>Key Performance Indicators</th>
<th>Baseline</th>
<th>Target (FY23-24)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Health &amp; Safety</strong></td>
<td>Work related injury</td>
<td>Rate of fatalities per million hours worked</td>
<td>Zero (FY 20-21)</td>
<td>Zero</td>
</tr>
<tr>
<td></td>
<td>Work related injury</td>
<td>Rate of recordable work-related injuries per million man-hours worked</td>
<td>0.33 (FY 20-21)</td>
<td>Zero</td>
</tr>
<tr>
<td></td>
<td>Safety awareness and training</td>
<td>Average hours of training provided per person on health and safety</td>
<td>15.6 (FY 20-21)</td>
<td>Further improve from baseline</td>
</tr>
<tr>
<td><strong>Diversity and Inclusion</strong></td>
<td>Measurement of Diversity and Inclusion Metrics and</td>
<td>• Women as a percentage of new hires and total workforce (%)</td>
<td>New Hire: 5 %</td>
<td>New Hire: 10%</td>
</tr>
<tr>
<td></td>
<td>Enforcement of policies</td>
<td>• Mapping &amp; Disclosure of Regional &amp; ethnic diversity</td>
<td>Total Workforce: 5%</td>
<td>Total Workforce: 6%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Mapping &amp; Disclosure of inclusiveness</td>
<td>Regional &amp; Ethnic diversity: NO mapping</td>
<td>Regional &amp; Ethnic diversity: 100% mapping</td>
</tr>
<tr>
<td><strong>Human Rights</strong></td>
<td>Training on human rights</td>
<td>• Employees trained in human rights (%)</td>
<td>-</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Security Personal trained in human rights (%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Due diligence of business &amp; value chain</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Skills for the future</strong></td>
<td>Skill development trainings</td>
<td>Training and development expenditure for employees (INR)</td>
<td>Rs 3.81 Cr (FY 20-21)</td>
<td>Rs 4.69 Cr</td>
</tr>
<tr>
<td><strong>Responsible Procurement</strong></td>
<td>Proportion of spending on local suppliers (%)</td>
<td>• Spend on local suppliers against the total procurement budget (%)</td>
<td>99.4 % (FY 20-21)</td>
<td>Maintain FY21 Performance</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Due diligence of supply chain</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Supplier screening on ESG metrics</td>
<td>Suppliers screened on ESG criteria (%)</td>
<td>100% (Critical New Suppliers)</td>
<td>100% (Critical All Suppliers)</td>
</tr>
</tbody>
</table>
AESL: Governance Philosophy and Focus Areas

**Governance**

**Policies**
- Environment Policy covered in BR Policy
- Water Policy
- Bio-diversity Policy
- Due diligence for CoC, HR, ESG etc
- Corporate Social Responsibility Policy
- Occupational Health and Safety Policy
- Human Rights covered in BR policy
- Related Party Transaction Policy
- Dividend Distribution and Shareholder Return
- Nomination and Remuneration
- Code for Fair Disclosure of UPSI

**Committees**
- Corporate Responsibility Committee
- Risk Management Committee
- Corporate Social Responsibility Committee
- Stakeholder Relationship Committee
- Audit Committee (100% independent directors)
- Nomination and Remuneration Committee (100% independent directors)
- Risk Management Committee
- Info tech and data security committee

**Assurance**

**Corporate Responsibility Committee**
Established "CRC" to provide assurance for all ESG commitments comprising of 100% Independent directors

**Enabling board backed assurance leading to lower risk to stakeholders**

Notes: UNSDG – United Nations Sustainable Development Goals
## AESL: Key Governance Indicators and Milestones

<table>
<thead>
<tr>
<th>Material Categories</th>
<th>Material Themes</th>
<th>Key Performance Indicators</th>
<th>Baseline</th>
<th>Actions Taken and Goals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Board Gender Diversity</td>
<td>Board Gender Diversity</td>
<td>Balance the board composition in terms of men and women directors</td>
<td>16.6% - women directors in board as of FY21</td>
<td>% of women directors in board improved to 28.5% (2 of 7 board members)</td>
</tr>
</tbody>
</table>
| Board Independence        | Great Board Independence and Improved Disclosures | • Improve board strength and independence   
• Incorporate non-statutory committees   
• Enhance disclosures in board & committee meetings | • 6 directors as of FY21   
• Only statutory committees as of FY21   | Board now comprises of total 7 directors with 4 (58%) independent directors   
• Enhanced disclosures through formation of new committees with min. 50% IDs (CRC, RMC, PCC, IT & Data Security)   
• Committees chaired by Independent Directors (Audit, NRC, STC) |
| Code of Conduct           | Corruption and Bribery Cases         | • Number of Corruption cases and Bribery and Associated Risks   
• Adoption of Anti Corruption and Bribery Policy   
• % of Governance body members and employees trained on anti-corruption | • Zero corruption cases | Company Adopted Anti Corruption and Bribery Policy   
• Zero Case on Corruption and Bribery   
• Identification and Assessment of risks   
• Yearly DD for CoC for board, employees, suppliers & ABAC policy |
| Anti-competitive Practices | Fines and Settlements                | • Fines or settlements paid related to anti-competitive business practices (INR)          | Zero as of FY21                                                                              | Zero in FY23 and beyond   
• Yearly ABAC due diligence |
| Customer orientation and satisfaction | Consumer Satisfaction            | • Affordable tariffs   
• Service reliability   
• Sustainable power | • Distribution loss reduction   
• CSAT surveys   
• Reliability metrics | Competitive tariff through RE power   
• Option to switch to Green power tariff   
• Advanced metering implementation for 12 million consumers |
| Corporate Governance Standing | ESG Ratings                          | Improvement in ratings through improved disclosures and adoption of best practices      | • CSA: 59/100 (2022);   
• FTSE: 3.3/5 (2022) | Target 2023-24:   
• CSA – 67/100 (Achieved 59/100 in FY22)   
• FTSE: 4/5 (Achieved in FY23) |

Notes:
A) List of non-statutory committees - CRC: Corporate Social Responsibility & Sustainability Committee; PRC: Public Consumer Committee; Information Technology & Data Security Committee; RMC: Risk Management Committee;
B) List of statutory committees: SRC: Stakeholders’ Relationship Committee, NRC: Nomination and Remuneration Committee, STC: Securities and Transfer Committee, Audit Committee;
C) Sub-committees under Risk Management Committee; Mergers & Acquisitions Committee; Legal, Regulatory & Tax Committee; Reputation Risk Committee.
AESL: Enhanced Safety Culture

Safety Initiatives During Q2FY24

- **Safety training**: 55,999 man-hours of safety training and awareness during Q2 FY24
- **Positive Safety Culture**:
  - Campaign on ‘UCHAAI: Knowing Heights Better’ conducted at multiple sites on 5C model (Climb, Control, Competence, Capacity and Check)
  - Monthly Safety Quiz Series and developed a reference book guiding ‘When to Stop the Job’ to enhance safety awareness
  - 2 Days of “URJA” - Electrical Safety Campaign on 5E Model (Exposure, Enable, Educate, Equip and Ensure) was conducted at various sites.
  - Contractor safety audit was conducted at HVDC Kudus project site
- **Safety Checks and Assurances (SCA)**: To strengthen safety and increase the effectiveness of safety management at sites, quarterly safety checks and assurance on 3 pre-declared topics are given by sites
- “Saksham” - Mandatory Contractor Workmen Incubation & Induction Program was conducted at various sites to enhance training effectiveness
- **Apex India Occupational, Health, & Safety Award 2023**: Adani Energy Solutions Limited selected as “Platinum Award Winner” under Apex India Occupational, Health, & Safety Award 2023 in transmission sector.

Safety Performance in Q2FY24

<table>
<thead>
<tr>
<th>Safety Parameters</th>
<th>Transmission</th>
<th>Distribution (AEML)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Near Miss Reporting (Awareness)</td>
<td>Q2FY24 1,326</td>
<td>Q2FY23 1,493</td>
</tr>
<tr>
<td></td>
<td>Q2FY24 1,727</td>
<td>Q2FY23 1,674</td>
</tr>
<tr>
<td>Suraksha Samwad (Safety Dialogue)</td>
<td>Q2FY24 1,578</td>
<td>Q2FY23 2,781</td>
</tr>
<tr>
<td></td>
<td>Q2FY24 9,174</td>
<td>Q2FY23 2,680</td>
</tr>
<tr>
<td>LTI</td>
<td>Q2FY24 1</td>
<td>Q2FY23 0</td>
</tr>
<tr>
<td></td>
<td>Q2FY24 3</td>
<td>Q2FY23 1</td>
</tr>
<tr>
<td>Fatalities</td>
<td>Q2FY24 0</td>
<td>Q2FY23 2</td>
</tr>
<tr>
<td></td>
<td>Q2FY24 0</td>
<td>Q2FY23 0</td>
</tr>
<tr>
<td>LTIFR (LTI Frequency Rate)</td>
<td>Q2FY24 0.35</td>
<td>Q2FY23 0.64</td>
</tr>
<tr>
<td></td>
<td>Q2FY24 0.59</td>
<td>Q2FY23 1.65</td>
</tr>
<tr>
<td>LTI (LTI Severity Rate)</td>
<td>Q2FY24 3.58</td>
<td>Q2FY23 3,882.78</td>
</tr>
<tr>
<td></td>
<td>Q2FY24 11.11</td>
<td>Q2FY23 23.09</td>
</tr>
<tr>
<td>Safety training (in Man-Hours)</td>
<td>Q2FY24 34,633</td>
<td>Q2FY23 37,945</td>
</tr>
<tr>
<td></td>
<td>Q2FY24 21,366</td>
<td>Q2FY23 2,399</td>
</tr>
</tbody>
</table>

Notes: LTI frequency rate and LTI severity rate lower the better; LTI Frequency Rate: Reportable loss time injury (RLTI)*1000000/Man hours worked; LTI severity Rate: Man days Lost (MDL)*1000000/Man hours Worked
Recent Award and Achievements
AESL: Recent Awards & Achievements

AESL received the ‘Emerging Company of the Year Award 2022’ at the ET Awards on Corporate Excellence in recognition of its growth, scale, and sustainable business practices.

AEML secured Rank 1 out of 71 discoms evaluated and scored 99.6% out of 100 in the Integrated Discom Ranking released by the Ministry of Power. The evaluation is based on financial sustainability, performance excellence, and external environment.

AESL is in the Top 50 of India’s Most Sustainable Companies in the annual ranking of BW Business World. AESL was featured in the top 3 most sustainable companies by prioritising sustainable practices.

AESL’s 37 operational sites are now certified as ‘Single-use Plastic Free’ strengthening our commitment to SDG 12.

“Platinum Award” for Occupational Health and Safety under the 8th Apex India Occupational Health and Safety Award 2023 by Apex India Foundation.

Economic Times HR World honoured Adani Electricity Mumbai Limited in July’23 with the highest award in the category of Best Innovative Leadership Development Programme for Adani Electricity’s ‘AE-Marvels’.

AESL achieved Zero Waste to Landfill (ZWL) certificate for all O&M sites from Intertek.

Enlightened Growth Leadership Award 2022 for best-in-class sustainable business practices from Frost & Sullivan Institute.

Attained Water Positive certification from DNV which signifies water credit is higher than the water consumed.
Annexure– Rating and Operational and Under-construction Asset Portfolio
### AESL and AEML Credit Ratings

#### International – ATSOL Obligor Group (Transmission business) (Reg S/ 144A)

<table>
<thead>
<tr>
<th>Rating Agency</th>
<th>Facility</th>
<th>Rating/Outlook</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fitch</td>
<td>Dollar Bond</td>
<td>BBB-/Stable</td>
</tr>
<tr>
<td>Moody’s</td>
<td>Dollar Bond</td>
<td>Baa3/Negative</td>
</tr>
</tbody>
</table>

#### International – AESL USPP (Transmission business) (Reg D)

<table>
<thead>
<tr>
<th>Rating Agency</th>
<th>Facility</th>
<th>Rating/Outlook</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fitch</td>
<td>Dollar Bond</td>
<td>BBB-/Stable</td>
</tr>
<tr>
<td>Moody’s</td>
<td>Dollar Bond</td>
<td>Baa3/Stable</td>
</tr>
</tbody>
</table>

#### International – AEML US$ 1 bn (Reg S/144A) and US$ 300 mn GMTN (Distribution business)

<table>
<thead>
<tr>
<th>Rating Agency</th>
<th>Facility</th>
<th>Rating/Outlook</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fitch</td>
<td>Dollar Bond (for both)</td>
<td>BBB-</td>
</tr>
<tr>
<td>S&amp;P</td>
<td>Dollar Bond (US$ 1 bn)</td>
<td>BBB-/Negative</td>
</tr>
<tr>
<td>Moody’s</td>
<td>Dollar Bond (for both)</td>
<td>Baa3/Negative</td>
</tr>
</tbody>
</table>

#### SPV Ratings - Domestic

<table>
<thead>
<tr>
<th>Company</th>
<th>Rating Agency</th>
<th>Rating</th>
<th>Outlook</th>
</tr>
</thead>
<tbody>
<tr>
<td>AESL</td>
<td>India Ratings</td>
<td>AA+</td>
<td>Negative</td>
</tr>
<tr>
<td>AESL</td>
<td>ICRA</td>
<td>A1+</td>
<td>-</td>
</tr>
<tr>
<td>MEGPTCL</td>
<td>India Ratings</td>
<td>AA+</td>
<td>Negative</td>
</tr>
<tr>
<td>ATIL</td>
<td>India Ratings</td>
<td>AA+</td>
<td>Negative</td>
</tr>
<tr>
<td>WTGL</td>
<td>India Ratings</td>
<td>AAA</td>
<td>Stable</td>
</tr>
<tr>
<td>WTPL</td>
<td>India Ratings</td>
<td>AA+</td>
<td>Stable</td>
</tr>
<tr>
<td>MTSCL</td>
<td>India Ratings</td>
<td>AA-</td>
<td>Stable</td>
</tr>
<tr>
<td>ATCL</td>
<td>CARE</td>
<td>A</td>
<td>Stable</td>
</tr>
<tr>
<td>ATBSPL</td>
<td>India Ratings</td>
<td>AA</td>
<td>Stable</td>
</tr>
<tr>
<td>FBTL</td>
<td>CARE</td>
<td>AA</td>
<td>Stable</td>
</tr>
<tr>
<td>OBT</td>
<td>CARE</td>
<td>A</td>
<td>Stable</td>
</tr>
<tr>
<td>AEML</td>
<td>India Ratings</td>
<td>AA+</td>
<td>Stable</td>
</tr>
<tr>
<td>JKTL</td>
<td>India Ratings</td>
<td>A-</td>
<td>Stable</td>
</tr>
<tr>
<td>WKTL</td>
<td>India Ratings</td>
<td>A-</td>
<td>Stable</td>
</tr>
<tr>
<td>Alipurduar</td>
<td>India Ratings / Crisil</td>
<td>AAA</td>
<td>Stable</td>
</tr>
<tr>
<td>ATBSOL</td>
<td>India Ratings</td>
<td>AA+</td>
<td>Negative</td>
</tr>
</tbody>
</table>
### AESL's Operational Asset Portfolio as of Q2FY24 (1/2)

#### Adani Energy Solutions Limited

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transaction line length</td>
<td>Transformation capacity</td>
<td>Residual concession life / License period</td>
<td>Contract Type</td>
<td>Counterparty</td>
<td>Asset Base(1)</td>
</tr>
<tr>
<td>3,384 km</td>
<td>1,217 km</td>
<td>573 km</td>
<td>148 km</td>
<td>397 km</td>
<td>3,063 km</td>
</tr>
<tr>
<td>6,630 MVA</td>
<td>6,000 MVA</td>
<td>3,250 MVA</td>
<td>360 MVA</td>
<td>1,360 MVA</td>
<td>-</td>
</tr>
<tr>
<td>c. 27 years</td>
<td>c. 30 years</td>
<td>c. 14 years</td>
<td>c. 11 years</td>
<td>c. 29 years</td>
<td>c. 30 years</td>
</tr>
<tr>
<td>Centre / State</td>
<td>State</td>
<td>State</td>
<td>State</td>
<td>State</td>
<td>Centre</td>
</tr>
<tr>
<td>INR 49.6 Bn</td>
<td>INR 57.7 Bn</td>
<td>INR 75 Bn</td>
<td>INR 0.4 Bn</td>
<td>INR 3.9 Bn</td>
<td>INR 18.2 Bn</td>
</tr>
</tbody>
</table>

**Notes:**
- **ATIL:** Adani Energy Solutions (India) Limited; **MEGPTCL:** Maharashtra Eastern Grid Power Transmission Co. Limited; **AEMI:** Adani Electricity Mumbai Limited (Distribution business); **ATBSPL:** Adani Energy Solutions Bikaner Sikar Private Limited; **STL:** Sipat Transmission Limited; **RRWTL:** Raipur Rajnandgaon Warora Transmission Limited; **CWTL:** Chhattisgarh WR Transmission Limited; **ATR:** Adani Energy Solutions (Rajasthan) Limited; **ATSL:** Aravali Transmission Service Company Limited; **MTSCL:** Maru Transmission Service Company Limited; **WRSS M & G:** Western Region System Strengthening Scheme Maharashtra, WRSS G - Western Region System Strengthening Scheme Gujarat; (1) Asset base for operational assets as per project cost and Mumbai OTD (AEMI) as per Regulated Asset Base.
## AESL's Operational Asset Portfolio as of Q2FY24 (2/2)

### Projects Recently Commissioned

<table>
<thead>
<tr>
<th>Projects</th>
<th>Transmission line length</th>
<th>Transformation capacity</th>
<th>Residual concession life/License period</th>
<th>Contract Type</th>
<th>Counterparty</th>
<th>Asset Base(1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Obra-C Badaun (A)</td>
<td>630 ckms</td>
<td>950 MVA</td>
<td>c. 35 years</td>
<td>Fixed tariff (TBCB)</td>
<td>State</td>
<td>INR 7.4 Bn</td>
</tr>
<tr>
<td>Lakadia Banaskantha</td>
<td>352 ckms</td>
<td>3000 MVA</td>
<td>c. 35 years</td>
<td>Fixed tariff (TBCB)</td>
<td>Centre</td>
<td>INR 7.0 Bn</td>
</tr>
<tr>
<td>WRSS – XXI (A)</td>
<td>292 ckms</td>
<td>2500 MVA</td>
<td>c. 35 years</td>
<td>Fixed tariff (TBCB)</td>
<td>Centre</td>
<td>INR 8.1 Bn</td>
</tr>
<tr>
<td>Jam Khabballiya</td>
<td>100%</td>
<td>3500 MVA</td>
<td>c.35 years</td>
<td>Fixed tariff (TBCB)</td>
<td>Centre</td>
<td>INR 3.2 Bn</td>
</tr>
<tr>
<td>Karur Transmission</td>
<td>1,756 ckms</td>
<td>1,000 MVA</td>
<td>35 years</td>
<td>Fixed tariff (TBCB)</td>
<td>Centre</td>
<td>INR 35 Bn</td>
</tr>
<tr>
<td>Karur Transmisson</td>
<td>10 ckms</td>
<td>N/A</td>
<td>c.35 years</td>
<td>Fixed tariff (TBCB)</td>
<td>Centre</td>
<td>INR 2 bn</td>
</tr>
</tbody>
</table>

### Notes:
### AESL's Under-construction Asset Portfolio as of Q2FY24

Since AESL's evolution its Transmission Network (ckms) has grown 3.5x and expanded into Distribution Businesses

#### AESL's "Grid-to-Switch" Integrated Platform
- Transmission Line (Ckms)
- Distribution Customers (mn)

#### Under Construction

**Notes:**
1. Asset base for under-construction assets – as per the estimated project cost as of September 2023.
2. Provisional Commercial Operation Date (COD).

<table>
<thead>
<tr>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
<th>FY21</th>
<th>FY22</th>
<th>FY23</th>
</tr>
</thead>
<tbody>
<tr>
<td>5,450 Ckm</td>
<td>8,600 Ckm</td>
<td>13,562 Ckm</td>
<td>14,740 Ckm</td>
<td>18,336 Ckm</td>
<td>18,795 Ckm</td>
<td>19,779 Ckm</td>
</tr>
<tr>
<td>12 mn+</td>
<td>12 mn+</td>
<td>12 mn+</td>
<td>12 mn+</td>
<td>12 mn+</td>
<td>12 mn+</td>
<td>15 mn+</td>
</tr>
</tbody>
</table>

### Transmission Line length

- FY17: 5,450 Ckm
- FY18: 8,600 Ckm
- FY19: 13,562 Ckm
- FY20: 14,740 Ckm
- FY21: 18,336 Ckm
- FY22: 18,795 Ckm
- FY23: 19,779 Ckm

### Transmission capacity

**Notes:**
- Transmission capacity (Ckms)
- Distribution Customers (mn)

#### Transmission capacity

<table>
<thead>
<tr>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
<th>FY21</th>
<th>FY22</th>
<th>FY23</th>
</tr>
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<tbody>
<tr>
<td>12 mn+</td>
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<td>12 mn+</td>
<td>12 mn+</td>
<td>12 mn+</td>
<td>12 mn+</td>
<td>15 mn+</td>
</tr>
</tbody>
</table>

### Residual concession life / License period

- FY17: 3 years
- FY18: 3 years
- FY19: 3 years
- FY20: 3 years
- FY21: 3 years
- FY22: 3 years
- FY23: 3 years

### Contract type

- FY17: Fixed tariff (TBCB)
- FY18: Fixed tariff (TBCB)
- FY19: Fixed tariff (TBCB)
- FY20: Fixed tariff (TBCB)
- FY21: Fixed tariff (TBCB)
- FY22: Fixed tariff (TBCB)
- FY23: Fixed tariff (TBCB)

### Counterparty

- FY17: Centre
- FY18: Centre
- FY19: Centre
- FY20: Centre
- FY21: Centre
- FY22: Centre
- FY23: Centre

### Asset base

- FY17: INR 18.9 Bn
- FY18: INR 6.7 Bn
- FY19: INR 12 Bn
- FY20: INR 4 Bn
- FY21: INR 2 Bn
- FY22: INR 2 Bn
- FY23: INR 1.6 Bn

### COD

- FY17: Sept - Nov '23
- FY18: Dec '23
- FY19: Mar '24
- FY20: Jan '24
- FY21: Aug '24
- FY22: Mar '25
- FY23: Jan '25

---

**Notes:**
1. Asset base for under-construction assets – as per the estimated project cost as of September 2023.
2. Provisional Commercial Operation Date (COD).

#AEMIL - Adani Electricity Mumba Infra Limited 100% shares are currently being held by AEMIL. Due to CERC restrictions 5% shares are pledged in favor of AESL.
# AESL's Smart Metering Under-construction Portfolio as of Q2FY24

## Adani Energy Solutions Limited

<table>
<thead>
<tr>
<th>Under Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BEST</strong></td>
</tr>
<tr>
<td>BEST Smart Metering Ltd. (Mumbai)</td>
</tr>
</tbody>
</table>

### Smart Meters Qty (in million)

| A | 1.1 | 0.8 | 0.8 | 1.0 | 1.3 | 6.3 | 5.2 | 2.8 |

### Contract Value (in Rs Billion)

| B | 13.0 | 8.4 | 10.5 | 12.8 | 17.9 | 75.9 | 62.9 | 31.0 |

### Contract Period (months)

| C | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 |

### Capex + O&M

| D | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

### Contract Type

| E | DBFOOT | DBFOOT | DBFOOT | DBFOOT | DBFOOT | DBFOOT | DBFOOT | DBFOOT |

### Month of Award


Notes: The Discoms are our customers and AESL is executing these contracts through 100% owned SPVs; DBFOOT: Design-Build-Finance-Own-Operate-Transfer; BEST: Brihanmumbai Electricity Supply and Transport; APDCL: Assam Power Distribution Company Ltd; APEPDCCL: Andhra Pradesh Eastern Power Distribution Co Ltd; APCPDCL: Andhra Pradesh Central Power Distribution Co Ltd; APSPDCL: Andhra Pradesh Southern Power Distribution Co Ltd.; MSEDCL: Maharashtra State Electricity Distribution Company Limited
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HUM KARKE DIKHATE HAIN.

#HumKarkeDikhateHain