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ASIAN DEVELOPMENT BANK BUSINESS OPPORTUNITIES FAIR 2026

21-24 SEPTEMBER 2026 | ADB HEADQUARTERS, MANILA

VALUE FOR MONEY: DRIVING QUALITY INFRASTRUCTURE

Viet Nam: 500 kV Transmission Backbone Strengthening Project

Strengthening Viet Nam's power grid for reliability and renewable energy integration

Proposed ADB financing: \$390 million | Total project cost: ~\$720 million

Expected to be ADB's first sovereign energy investment in Viet Nam in about a decade

Why This Project Matters

A strategic re-engagement in Viet Nam's transmission sector

A major investment need

- ~12,900 km of new 500 kV transmission lines planned during 2025–2030
- \$18.1 billion estimated transmission grid investment during 2026–2030
- Rapid renewable energy growth requires stronger bulk transmission between generation areas and major load centers

A landmark ADB operation

- \$720 million project, including \$390 million proposed ADB financing
- Expected first ADB sovereign energy investment in Viet Nam in about a decade
- Platform for renewed ADB–EVNNPT cooperation on priority transmission infrastructure

ADB value addition

- Long-term financing to diversify funding sources
- Independent technical and power-system due diligence
- Climate-resilient design and international environmental and social standards
- Potential digital grid solutions and stronger implementation capacity
- Domestic backbone enabling future regional power connectivity

VIET NAM / EVN • 21 JULY 2026

“EVNNPT and ADB Advance ODA Financing Arrangements for Power Transmission Projects”

EVNNPT highlighted the importance of ADB financing as transmission investment needs rise and domestic commercial financing remains challenging.

[Source: Electricity of Viet Nam \(EVN\)](#)

A Major Expansion of Viet Nam's 500 kV Backbone

Rapid demand growth, renewable energy expansion, and increasing bulk power transfers are driving transmission investment.

184–236 GW

Target installed generation capacity by 2030

500–558 TWh

Projected electricity demand by 2030

~12,900 km

New 500 kV transmission lines planned during 2025–2030

\$18.1 bn

Estimated transmission grid investment during 2026–2030

Binh Dinh–Krong Buk

- ~188 km 500 kV double-circuit transmission line
- Series compensation and telecommunications facilities
- Strengthens South Central Coast–Central Highlands transmission

Son La 1–Son Tay

- ~168 km 500 kV double-circuit transmission line
- New ~1,800 MVA Son La 1 500 kV substation
- ~4 km associated connection
- Strengthens Northwest–northern Viet Nam transmission

More transmission capacity



Stronger grid reliability



Greater renewable energy integration

Project-specific transfer capacity, congestion, N-1 reliability, curtailment and loss benefits will be validated during due diligence.

Business Opportunities & Indicative Timeline

Significant opportunities are expected for consultants, contractors, and equipment suppliers.

Opportunity	Indicative Scope	Timing
Project preparation	Technical, economic, financial, environmental and social due diligence	Q4 2026 onward
Transmission lines	Towers, conductors, insulators, OPGW and associated equipment	2027 onward
Civil & installation works	Foundations, tower erection, stringing and associated works	2027 onward
Substations & specialized equipment	500 kV substation equipment, transformers, series compensation, protection, control and telecommunications	2027 onward

\$720m

Total project cost

\$390m

Proposed ADB financing

2027

Target ADB approval /
procurement commencement*

* Procurement packaging, contract values, methods and timing are indicative and will be confirmed during project preparation.



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Thank you!

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