

## 7<sup>th</sup> ADB Business Opportunities Fair

Energy Sector, Southeast Asia By: Rehan Kausar 16 March 2016

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# **Region/Country Strategy**

- Cambodia Transmission network expansion
- Indonesia Renewable energy, inter-island and regional interconnection
- Lao PDR GMS power sharing/regional grids
- Malaysia Non-sovereign operations and regional interconnection(s)
- Philippines Energy efficiency, policy-based work
- Thailand GMS regional interconnection and policy dialogue
- Viet Nam Transmission network expansion, GMS regional interconnection



### Lending Pipeline, 2016-2018

Туре	DMC	Project	Financing		
			Source	Amount (in US\$ mil)	ADB Approval
Loan	INO	Electricity Grid Strengthening– Eastern Indonesia Program		600.00	2016
Loan	VIE	Power Transmission Investment Program (Tranche 4)	OCR	150.00	2016
Loan	INO	Sustainable and Inclusive Energy Program (Subprogram 2)	OCR	300.00	2017
Loan	INO	Electricity Grid Strengthening–Java Bali Program	OCR	600.00	2017
Loan	INO	Eastern Indonesia Sustainable Energy Access Sector Project	OCR	500.00	2017
Grant	INO	Pilot Carbon Capture and Storage Activity in the Gas Processing Sector in Indonesia	CEFPF	16.00	2017
Loan	VIE	Power Sector Reform Program	OCR	200.00	2017
Loan	VIE	Rural Electrification Project	OCR TBD	325.00 55.00	2017
Loan	MYA	Power Network Development Program I	ADF	175.00	2018
Loan	VIE	Distribution Grid Development Project For Viet Nam Power Corporations	OCR AIF	335.00 25.00	2018

Note: Projects are indicative, pending ADB Management and Board approval, and approval timelines are subject to change.



#### Non-lending Pipeline, 2016-2018

Туре	DMC	Project	Financing		
			Source	Amount (in US\$ mil)	ADB Approval
РРТА	INO	Eastern Indonesia Sustainable Energy Access Sector Project		1.40	2016
ΡΑΤΑ	INO	Sustainable and Inclusive Energy Program (supplementary)		0.54	2016
ΡΡΤΑ	MYA	Power Network Development Program I	TASF	2.00	2016
РРТА	VIE	Distribution Grid Development Project For Viet Nam Power Corporations	TASF	1.00	2016
CDTA	INO	Support the Prep of Improved Engineering Services for Clean Energy Project and Implementation of Grid Strengthening Project	Others	1.50	2017
PATA	INO	Support for the Sustainable and Inclusive Energy Program	Others	2.00	2017
ΡΡΤΑ	VIE	Power Transmission System Strengthening Program 1	TASF	0.80	2017
CDTA	VIE	Power Sector Infrastructure Development	Others	1.00	2017
CDTA	REG	Development of FMS Coordination Center for Regional Power Trade	Others	3.00	2017
ΡΡΤΑ	REG	GMS Power Transmission Backbone Project		1.50	2017
ΡΡΤΑ	MYA	Power Network Development Program 2	TASF	1.50	2018
PPTA	VIE	Power Sector Reform Program	TASF	1.00	2018

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#### 2016 Procurement Pipeline Major ICB Packages

Loan/ Grant No.	Project Name	Package Amount (in \$ mil)	Description
3084-MYA	Power Distribution Improvement Project	15.89	2–3 additional goods packages for substation equipment and materials to utilize loan savings (tentative IFB in Q2)
3330-MYA	Power Transmission Improvement Project	9.54	Package 1: Design, Supply, Installation and Commissioning of 230 kV transmission lines from Thida to Thaketa and from Thaketa to Kyaikasan (tentative IFB in Q2)
		49.96	Package 2 - Design, Supply, Installation and Commissioning of extension of Thaketa substation; upgrade of Kyaikasan substation, and new South Okkalapa, and West University substations (tentative IFB in Q2)
2964-PHI	Market Transformation Through Introduction of Energy Efficient Electric Vehicles	30.00	Package 2: eTrike Units (IFB in Q3)



#### 2016 Procurement Pipeline Major ICB Packages

Loan/ Grant No.	Project Name	Package Amount (in \$ mil)	Description
	Power Transmission Investment Program, Tranche 3	9.54	Supply/Construction for the Extension of 500kV Cau Bong/220kV Tra Vinh, 220kV Duc Hoa and 220kV Uyen Hung Substations (IFB Q2; 4 packages)
		36.47	Supply/Construction for the 500kV/220kV Chon Thanh Substation (IFB Q2; 3 packages)
3374-VIE		27.59	Supply/Construction for the 220kV Binh Long-Tay Ninh Transmission Line (IFB Q2; 3 packages)
		87.68	Supply/Construction for the 500kV/220kV Duc Hoa Substation and Connections (IFB Q2; 8 packages)
		32.87	Supply/Construction for the 500kV My Tho-Duc Hoa Transmission Line (IFB Q2 2016; 3 packages)



#### **Issues for your consideration**

- The dates in the presentation are tentative and not firm
- Procurement packages are driven by the Borrower
- Technical assistance consultant engagement is driven by ADB
- Invest in a long term engagement in Southeast Asia
- It maybe urgent for you, but it may not be urgent for the client



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