



BUSINESS OPPORTUNITIES FAIR



Asian Development Bank Headquarters, Manila, Philippines

9th ADB Business Opportunities Fair

Energy Division, Central West Asia

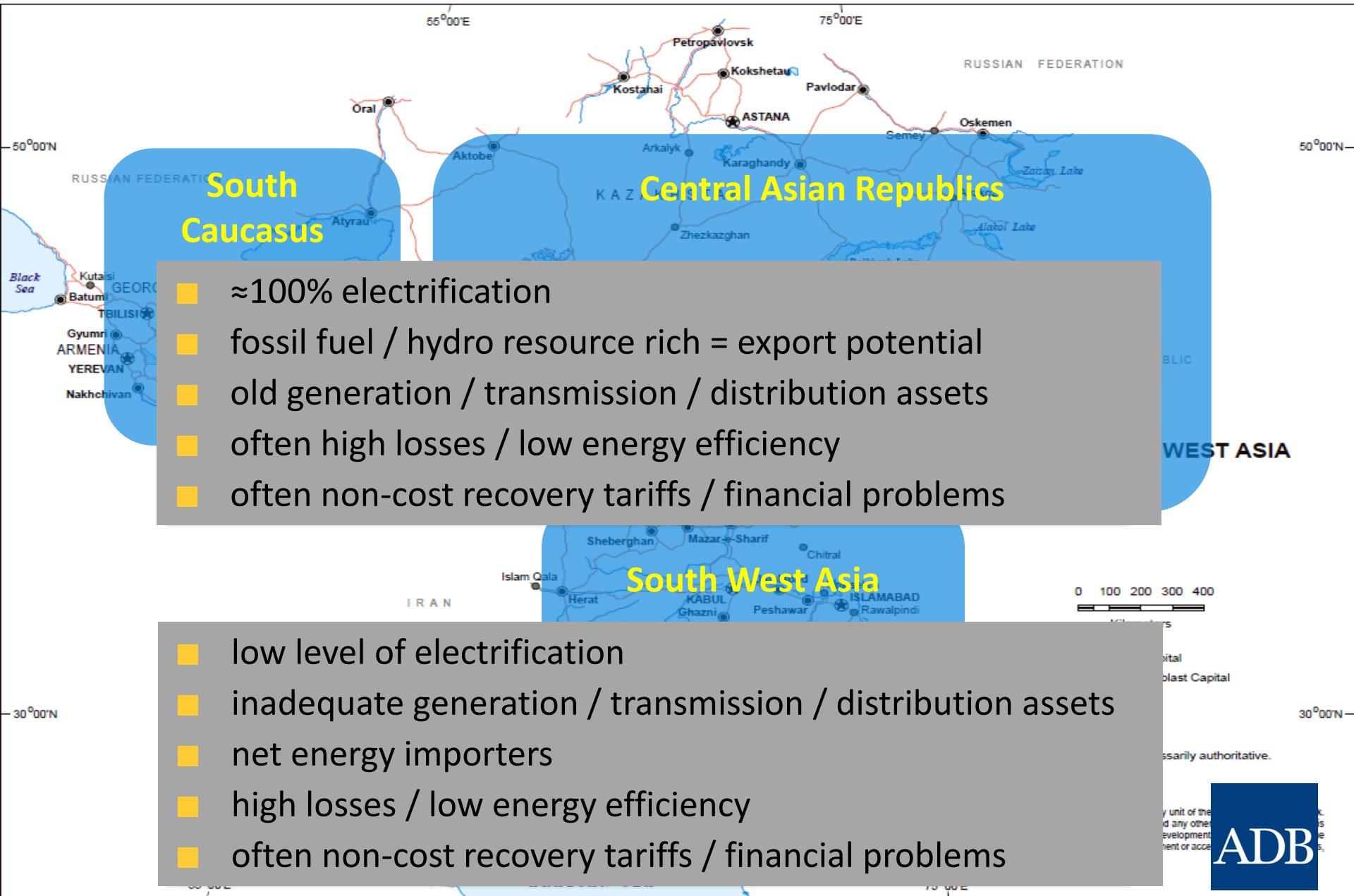
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CWRD Countries



South Caucasus

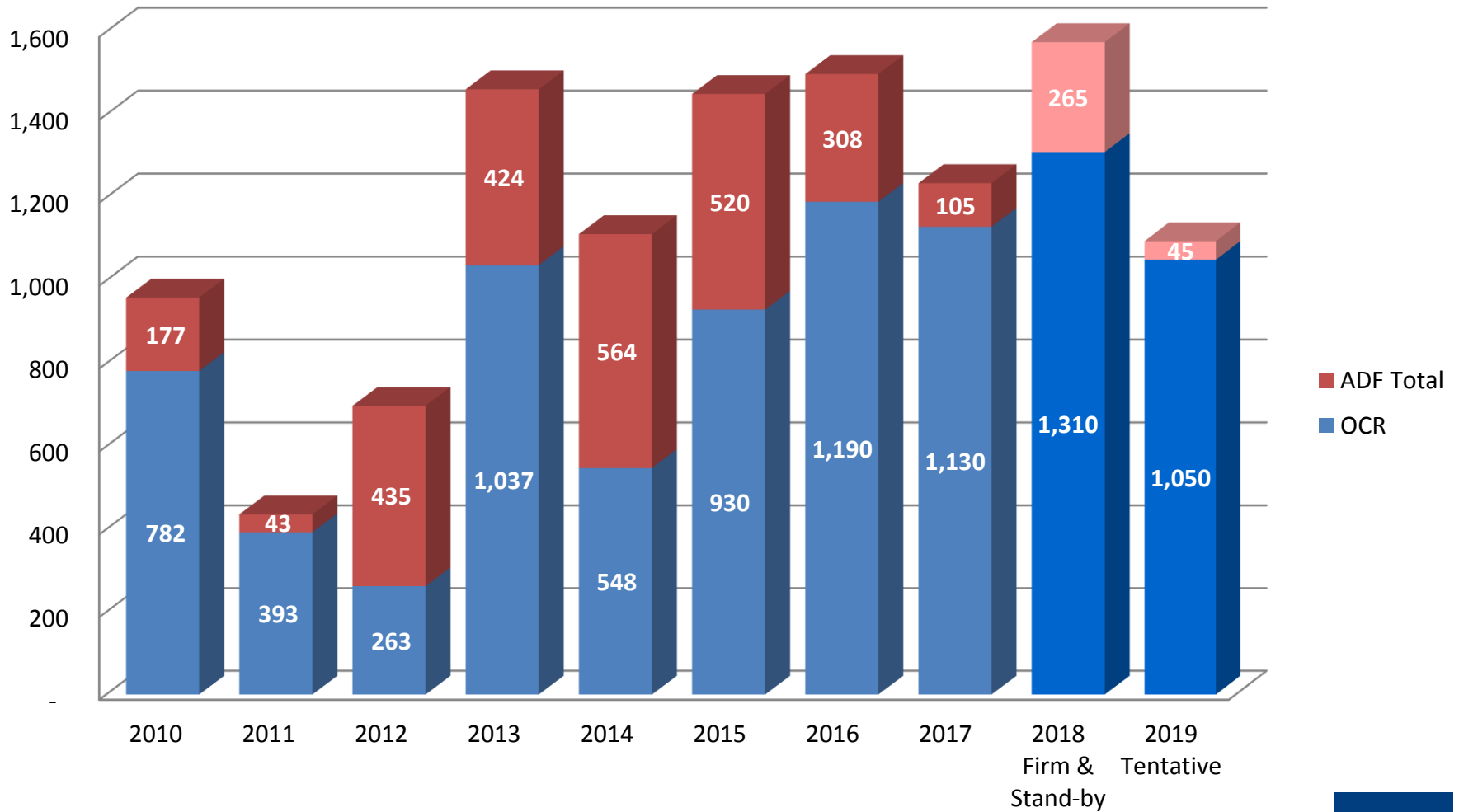
- ≈100% electrification
- fossil fuel / hydro resource rich = export potential
- old generation / transmission / distribution assets
- often high losses / low energy efficiency
- often non-cost recovery tariffs / financial problems

Central Asian Republics

- low level of electrification
- inadequate generation / transmission / distribution assets
- net energy importers
- high losses / low energy efficiency
- often non-cost recovery tariffs / financial problems

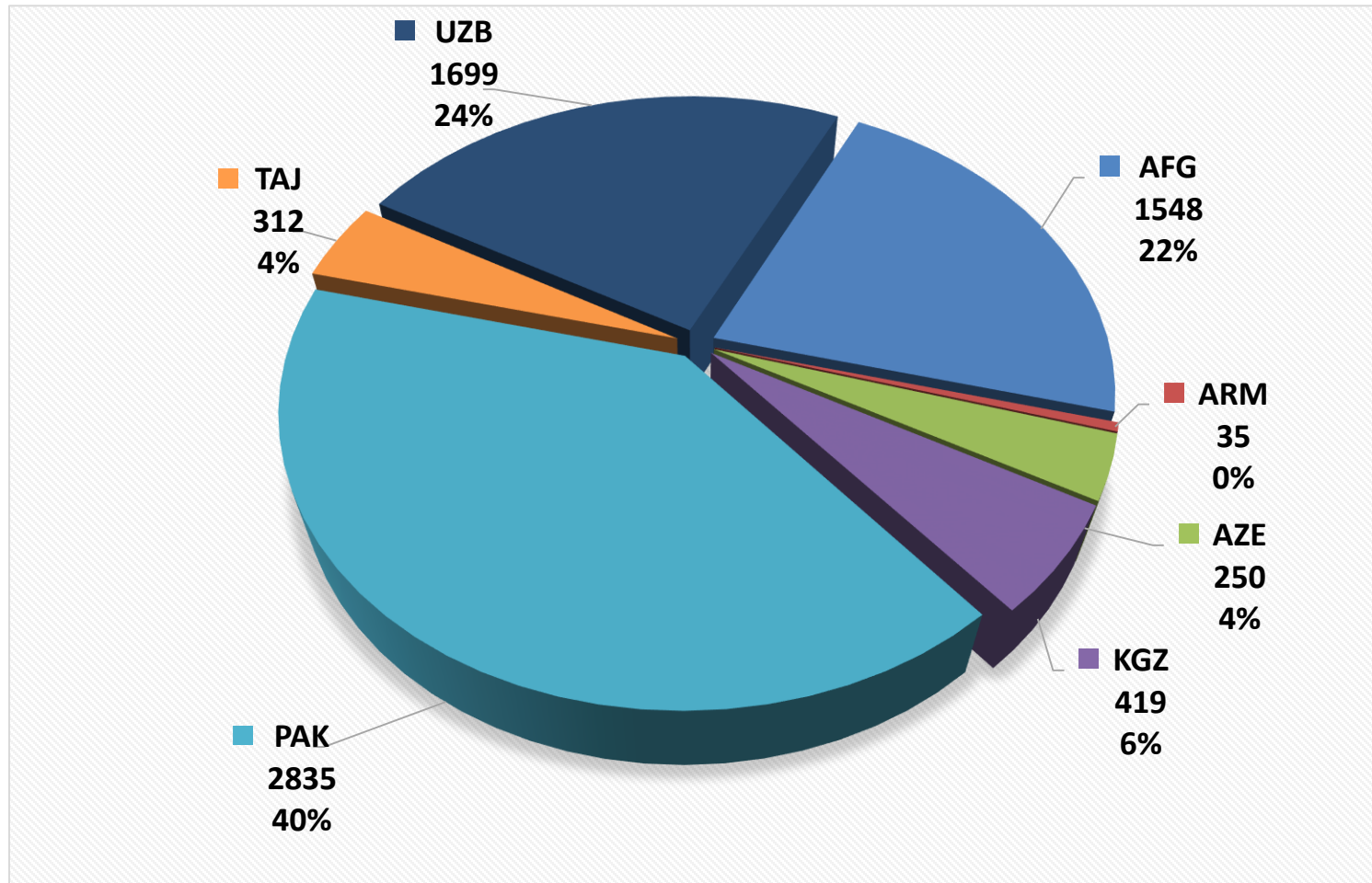
South West Asia

Loan & Grant Approvals (\$ million)



Current Portfolio – Country Distribution

Loans & Grants: \$7.1 billion (35 projects); Technical Assistance: \$31.1 million (24 projects)



CWEN Business Lines

■ Infrastructure Development

- Power generation / transmission / distribution
- Renewable energy (wind / solar / hydro + storage)
- Energy efficiency / loss reduction (supply / demand)
- Gas processing / pipelines / distribution
- Supervisory Control and Data Acquisition (SCADA)
- Energy Management Systems (EMS)
- Smart Metering / Grids

■ Sector Reform / Modernization

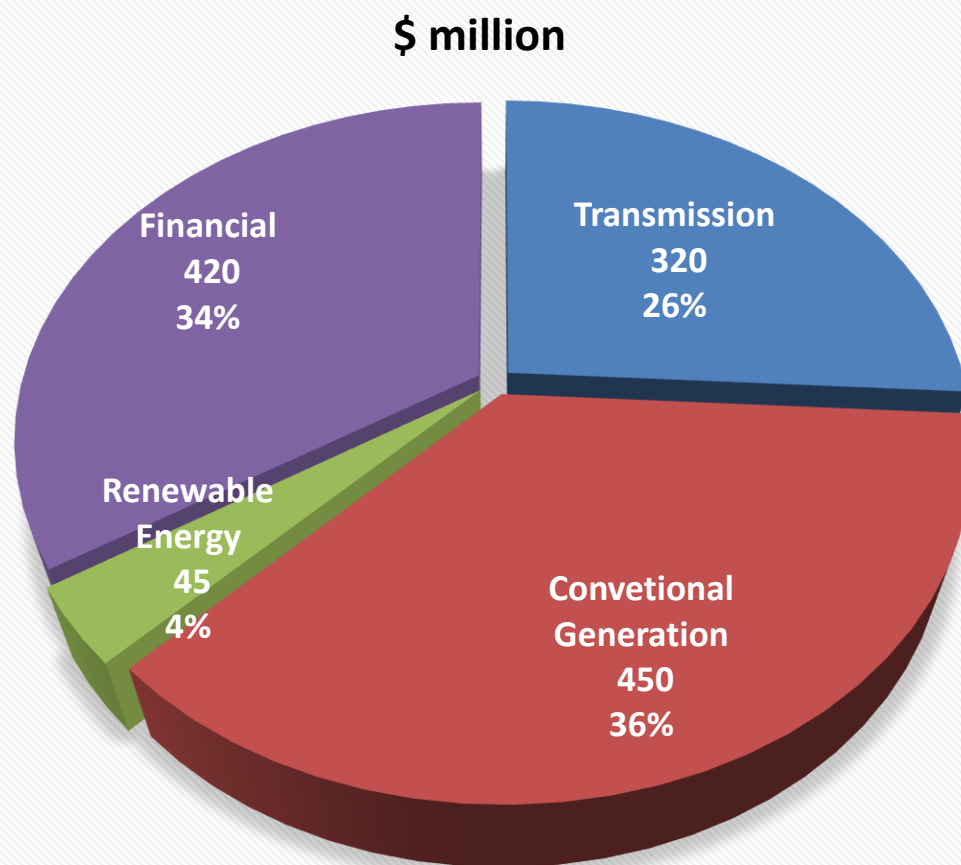
- Sector Restructuring-Unbundling and/or bundling
- Financial Sustainability

■ Regional Cooperation

- Central Asia Regional Economic Cooperation (CAREC)
- Power Master Plans



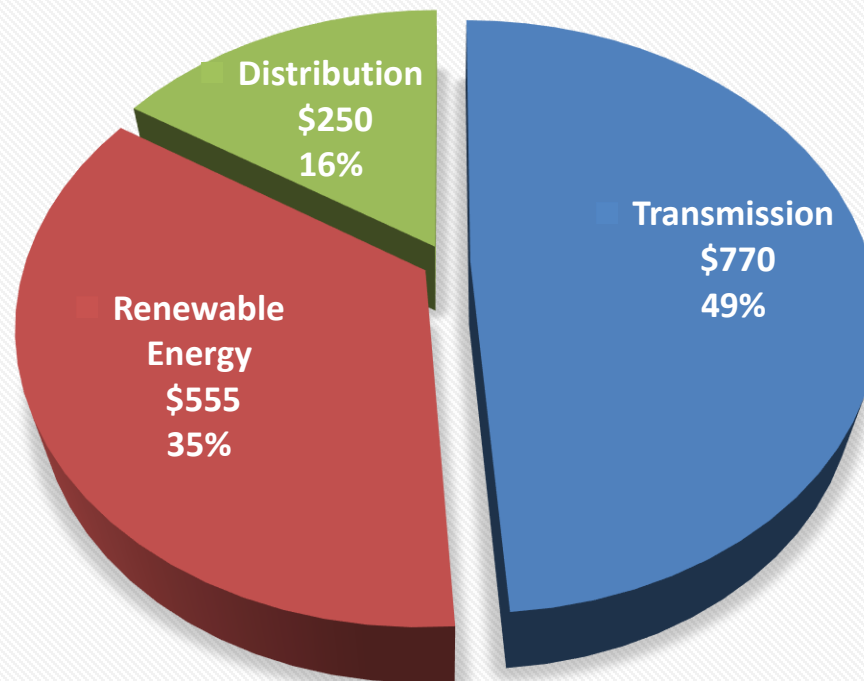
2017 Approved Loans & Grants by Subsector



Note: Excludes cofinancing

2018 Planned Loan & Grant Approval Program

Firm and Stand-by (\$ million)



Note: Excludes cofinancing

Lending Pipeline, 2018-2019

(\$ million)

2018 Firm and Stand-by				
Country	Project Name	Subsector	ADB	Cofinancing
AFG	Turkmenistan, Afghanistan, Pakistan Transmission Line	Transmission	145	55
AFG	MFF Solar Energy Generation Project 2 - Tranche 5	Renewable	-	40
AZE	MFF Power Distribution Enhancement Investment Program Tranche 2	Distribution	250	
GEO	Sustainable Power Transmission Network Rehabilitation	Transmission	50	
KGZ	Uch Kurgan Hydropower Plant Modernization Project	Renewable	105	45
PAK	MFF Second Power Transmission Enhancement Investment Program T3	Transmission	200	
PAK	MFF Hydropower Development Investment Program Tranche 1	Renewable	350	190
TAJ	Regional Power Interconnection	Transmission	15	
TKM	Power Sector Development Project	Transmission	360	120
UZB	Sustainable Hydropower Project	Renewable	100	50
TOTAL			1,575	500
2019 Tentative				
AZE	MFF Power Distribution Tranche 2	Distribution	250	
GEO	Sustainable Power Transmission Development Project	Transmission	50	
KAZ	Energy Sector Development Project	Transmission	150	30
PAK	MFF Hydropower Development Tranche 2	Renewable	200	200
PAK	MFF Second Power Distribution Tranche 2	Distribution	200	100
UZB	Northwest Regional Transmission	Transmission	200	50
TAJ	Power Sector Development Project	Distribution	45	20
TOTAL			1,095	400

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



Nonlending Pipeline, 2018-2019

Project Name	Country	Type	Amount (US\$ '000)	Contact
2018				
Preparing Sustainable Power transmission Development Project	Georgia	TRTA	750	A. Tareen
Energy Sector Development Project	Kazakhstan	TRTA	750	Y. Inoue
Strengthening the Central Power Purchasing Agency (Additional Funding)	Pakistan	CDTA	700	Y. Inoue
Update on Energy Sector Plan	Pakistan	KSTA	300	A. Aleem
Floating Solar Energy Development	Regional	KSTA	3,000	C. Tiangco
2019				
Energy Efficiency Improvement for Industrial Enterprises	Uzbekistan	TRTA	1,000	TBD
Second Northwest Region	Uzbekistan	TRTA	1,000	C. Tiangco

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



Upcoming Major Contracts

Loans / Grants Projects					
Project	Description	Amount	Contract Type	Projected Date of Advertisement	Projected Contract Award Date
Afghanistan					
G0521/0522/0523	HVDC B2B Converter Station at Dashte Alwan	240,000,000	Works	Q1 2018	Q4 2018
G0556	150 km of 220 kV transmission line between Kabul and Jalalabad substation by 200 MVA	50,000,000	Turnkey	Q2 2018	Q1 2019
Kyrgyzstan					
G0419/	EPP business process improvement*	3,500,000	Turnkey	Q3 2018	Q4 2019
L3212(SF)/ L8306	EPP business process improvement consultant*	1,500,000	FTP	Q3 2018	Q4 2019
G0494/	Business process assessment & mngt modernization	5,000,000	Consulting	Q3 2018	Q4 2019
L3422-KGZ(SF)	Corporate financial audit	1,200,000	Consulting	Q3 2018	Q4 2019
	Civil Structure refurbishment	7,500,000	Works	Q3 2019	Q4 2020
	Dam Monitoring System	1,700,000	Works	Q3 2018	Q3 2020
	Project management consultant	3,700,000	Consulting	Q3 2018	Q2 2019
	Project financial statement audit for MOE and EPP	100,000	Consulting	Q4 2018	Q2 2019
Pakistan					
3419/3420-PAK	Project management consultant	600,000	Consulting	Q4 2018	Q1 2019
	IT equipment and systems for project mgmt	80,000	Goods	Q2 2018	Q3 2018
L3577-PAK	Procurement of plant-design supply, installation, testing and commissioning of 220 kV substations	15,000,000	Goods and Works	Q4 2018	Q4 2019
	Project Management consultants	2,000,000	Consulting	Q3 2018	Q2 2019
Tajikistan					
New Interconnection project	EPC for transmission relay protection	12,000,000		Q4 2018	Q3 2019
	Supervision consultant for transmission relay protection	3,000,000	Consulting	Q4 2018	Q3 2019
Uzbekistan					
L3141-UZB	Capacity Development Program manager				
	Corporate Management Capacity Development Consultant				
	Risk Profile Consultant				
L3621-UZB	Project implementation consultant	8,000,000	Consulting	Q2 2018	Q4 2018
	Construction of two combined cycle gas turbine units	738,000,000	Works	Q3 2018	Q2 2019
Technical Assistance Projects					
NA	NA	NA	NA		NA

NOTE: *Combined with the procurement of Package "business process assessment and management modernization" under G0494/L3422-KGZ.

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Thank You

