

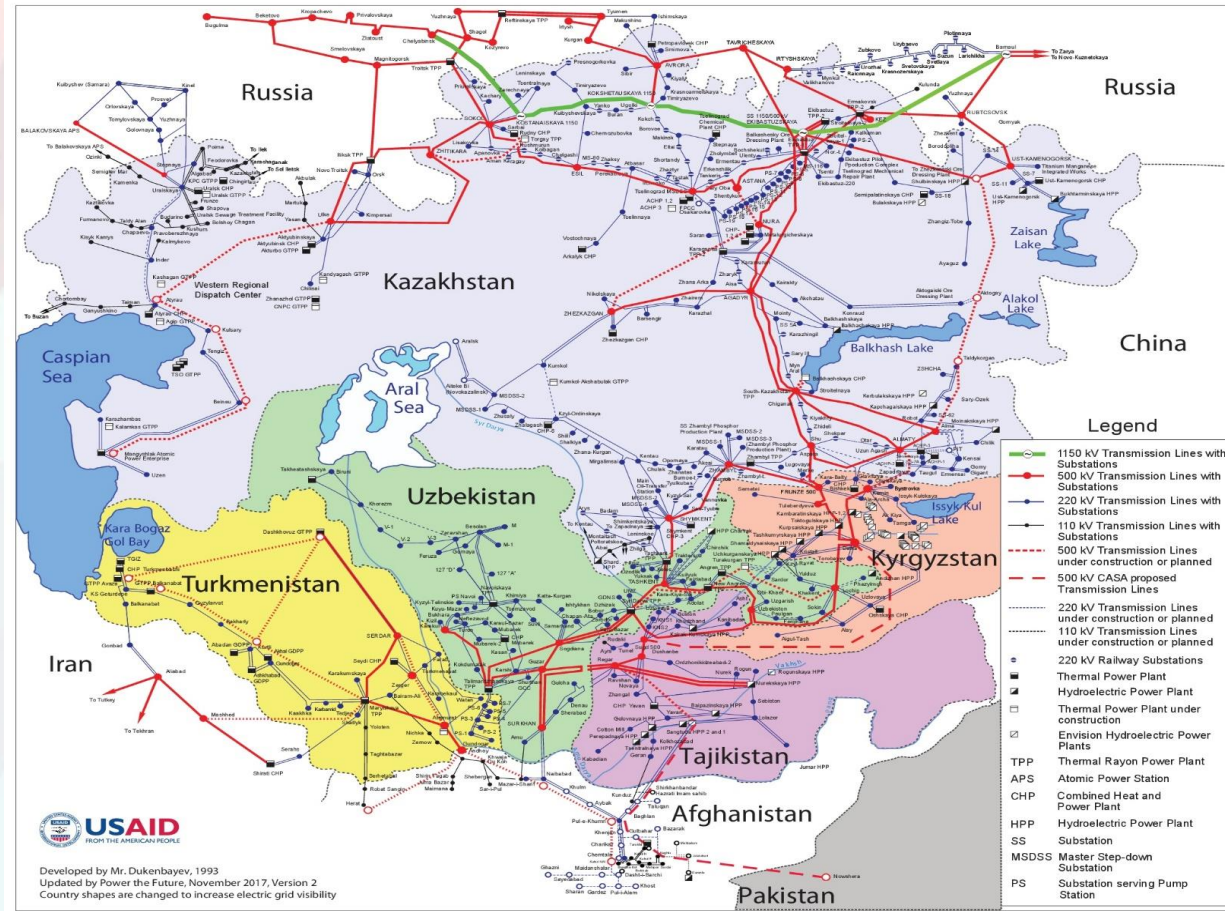


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ENHANCING REGIONAL POWER MARKET IN CENTRAL ASIA

Central Asia Regional Economic Cooperation
Energy Sector Coordinating Committee
March 13-14, 2018
Ashgabat, Turkmenistan

CENTRAL ASIA ELECTRIC GRID



SNAPSHOT: CENTRAL ASIA (2017)

Country	Area, thousand km ²	Population, mln	Installed Capacity, MW	Power Generation, billion kWh
Kazakhstan	2724,9	18	22 056	103,1
Turkmenistan	491,2	5,6	4 001	22,3
Uzbekistan	448,9	32,1	12 930	59
Kyrgyzstan	199,9	6,2	3 786	14,9
Tajikistan	143,1	8,9	5 200	17,2
TOTAL	4 008	71	47 973	217

ENHANCING THE CENTRAL ASIA POWER SYSTEM (CAPS)

- Emerging Opportunity to Advance CAPS
- Regional focus on 5 Central Asian Countries:
 - Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan
- Potential Linkages with Afghanistan and Pakistan via TUTAP and CASA (aka CASAREM)



SUGGESTED FRAMEWORK FOR ACTION

First Stage - Expand Opportunities for Regional Electricity Trading

- Diplomatic discussions with Central Asian countries ministries and embassies
- Coordination with International Finance Institutions and other donors
- Agreements and MOUs with Countries
- Establish Intergovernmental Council and Working Groups
- Develop Road Map for Implementation and Integration
- Agreements on Principles for Trading
- Strengthen CDC Energia
- Agreement on Regional Market Operator

SUGGESTED FRAMEWORK FOR ACTION (con't)

Second Stage – Develop Standards and Agreements

- Regulatory Structure
- Grid Codes and Market Rules
- Tariffs for Trading, Wheeling, and Transit
- Emergency Supply Procedures
- More



Photo: google.com



KEY PARTNERS

- Ministries
- Regulators
- Electric utilities
- Research institutions
- Business community
- International Finance Institutions, Donors and Local Community



SUGGESTED NEXT STEPS

- Diplomatic discussions with Central Asian Countries
- Coordination with International Finance Institutions (IFIs) and other donors.
- USAID Technical Assistance (pending funding approval)
- Assistance to be Provided with Countries' Commitments and Consent.



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