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AFGHANISTAN ENERGY INFRASTRUCTURE MAP BOOK

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AEIC Afghan Energy Information Center
د افغان د انرژی معلوماتی مرکز
مرکز معلوماتی انرژی افغان

This map was produced for review by the United States Agency for International Development (USAID). It was prepared by the Afghan Energy Information Center (AEIC) project implemented by Advanced Engineering Associates International, Inc. (AEAI).

October 25, 2011

Table of Contents

- Planned Afghanistan Energy Systems to Year 2015 (1394)
- Existing Power Plants
- Future Power Plants to Year 2015 (1394)
- Existing Substation
- Future Substations to Year 2015 (1394)
- Existing Transmission Lines
- Future Transmission Lines
- Existing Kabul System
- Future Kabul System to Year 2015 (1394)
- Existing South East Power System
- Future South East Power System
- Eastern Power System
- Western Existing Power System
- Western Future Power System
- Nimroz Energy System
- Proposed CASA 1000
- The North East Power System (NEPS)
- Data Tables

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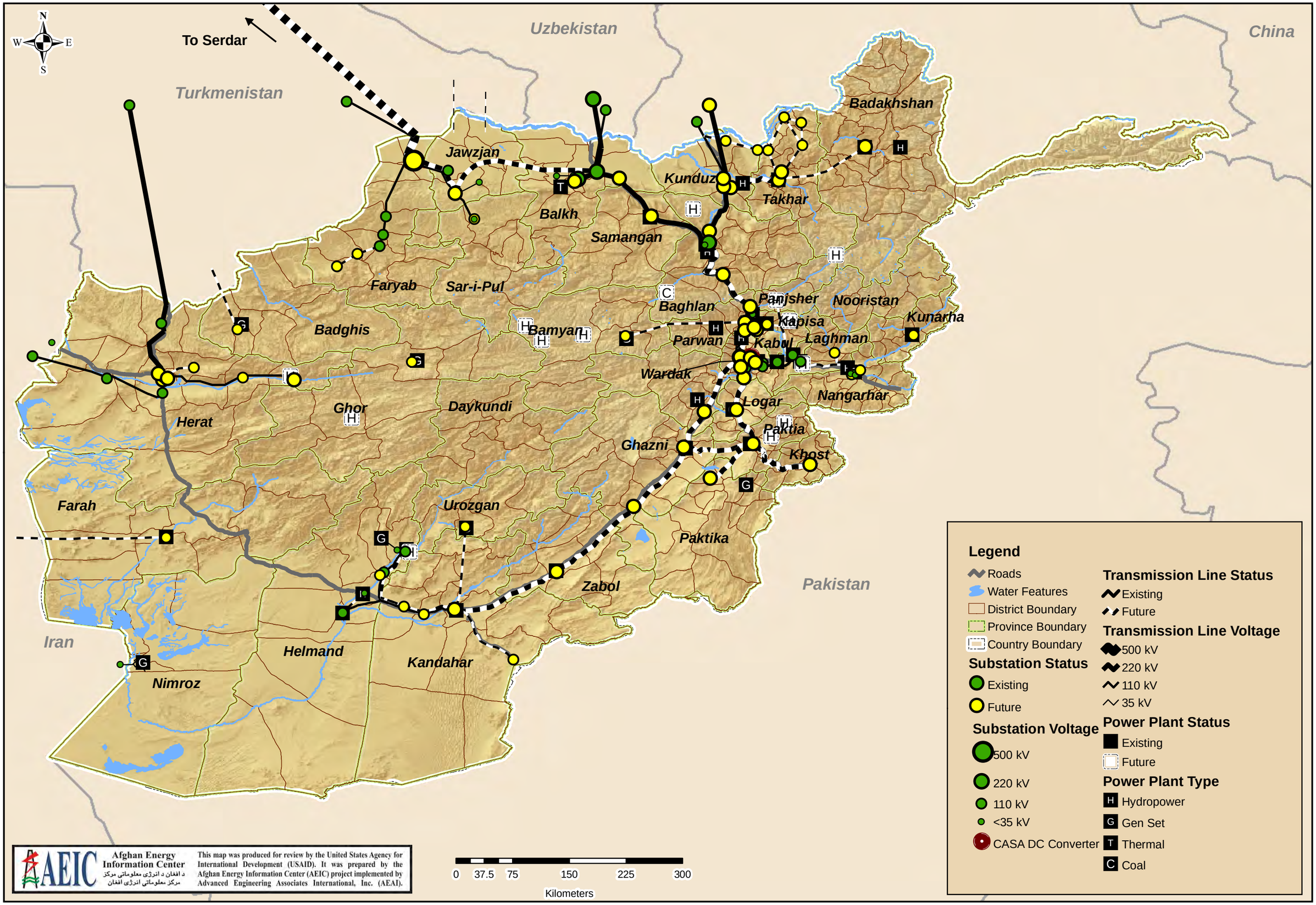
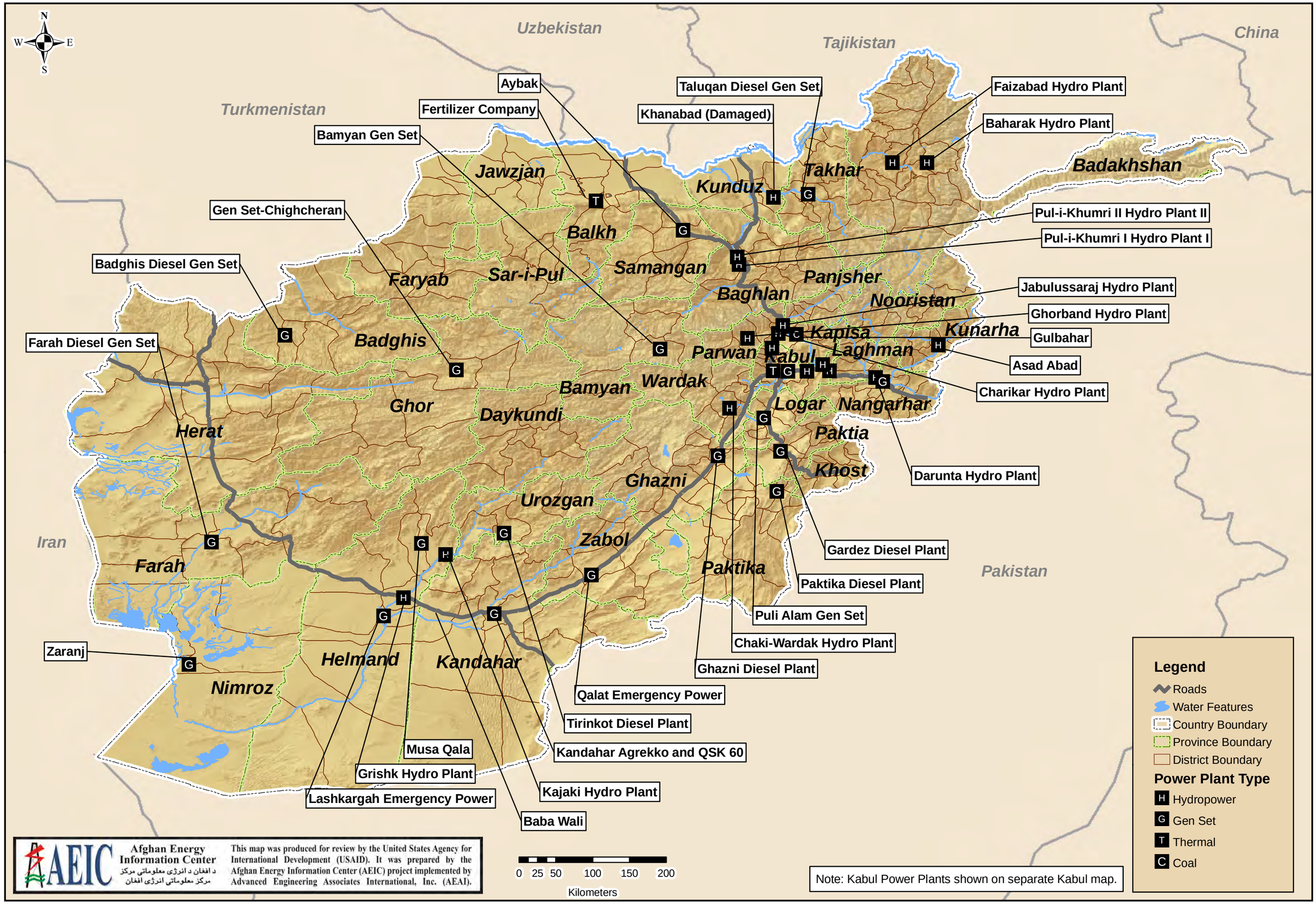
Map Definitions:
- Existing: Line existed prior to recent development projects.
- Future: Project proposed by government or donor but not necessarily fully planned or funded.

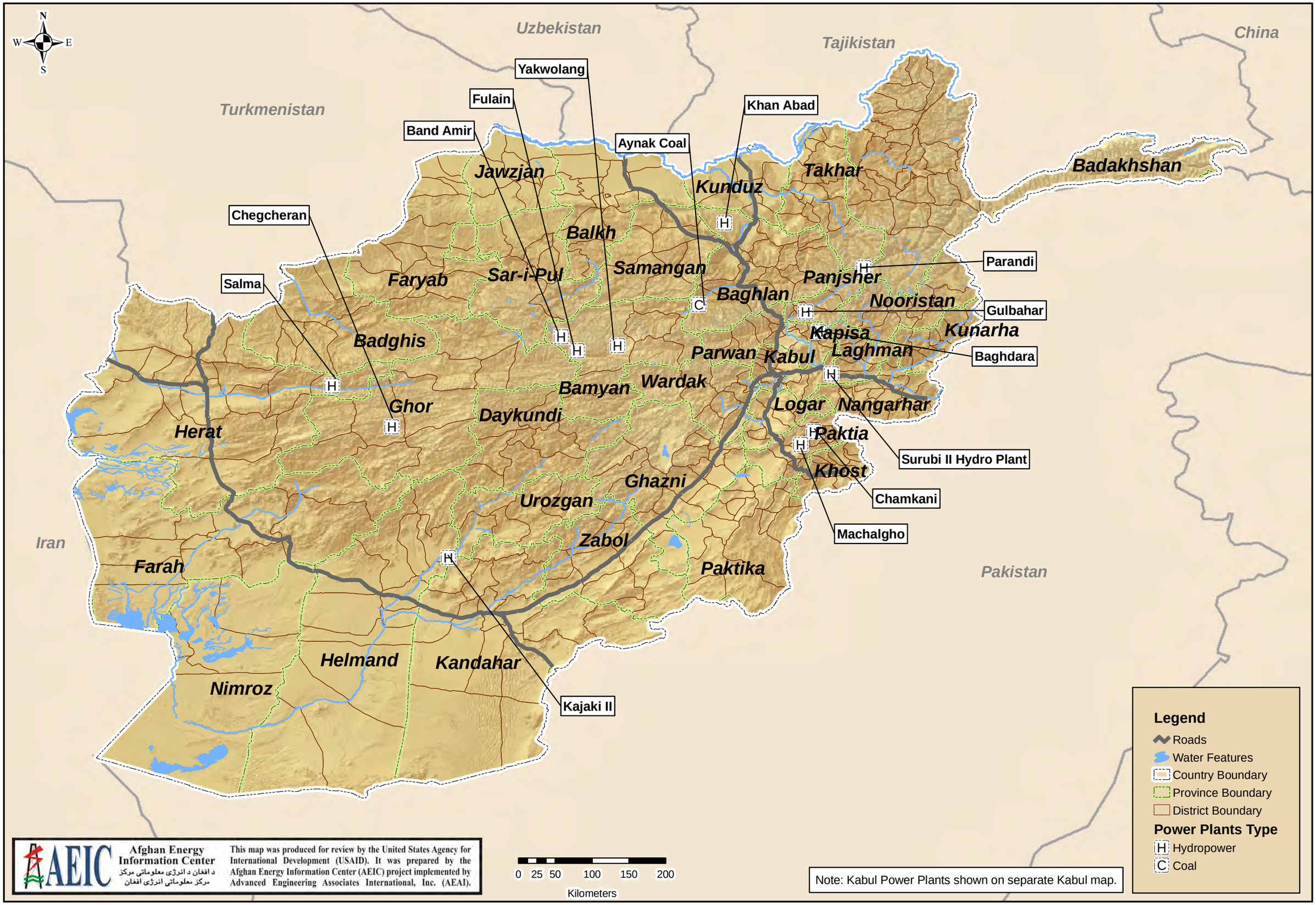
Planned Afghanistan Energy Systems to Year 2015 (1394)



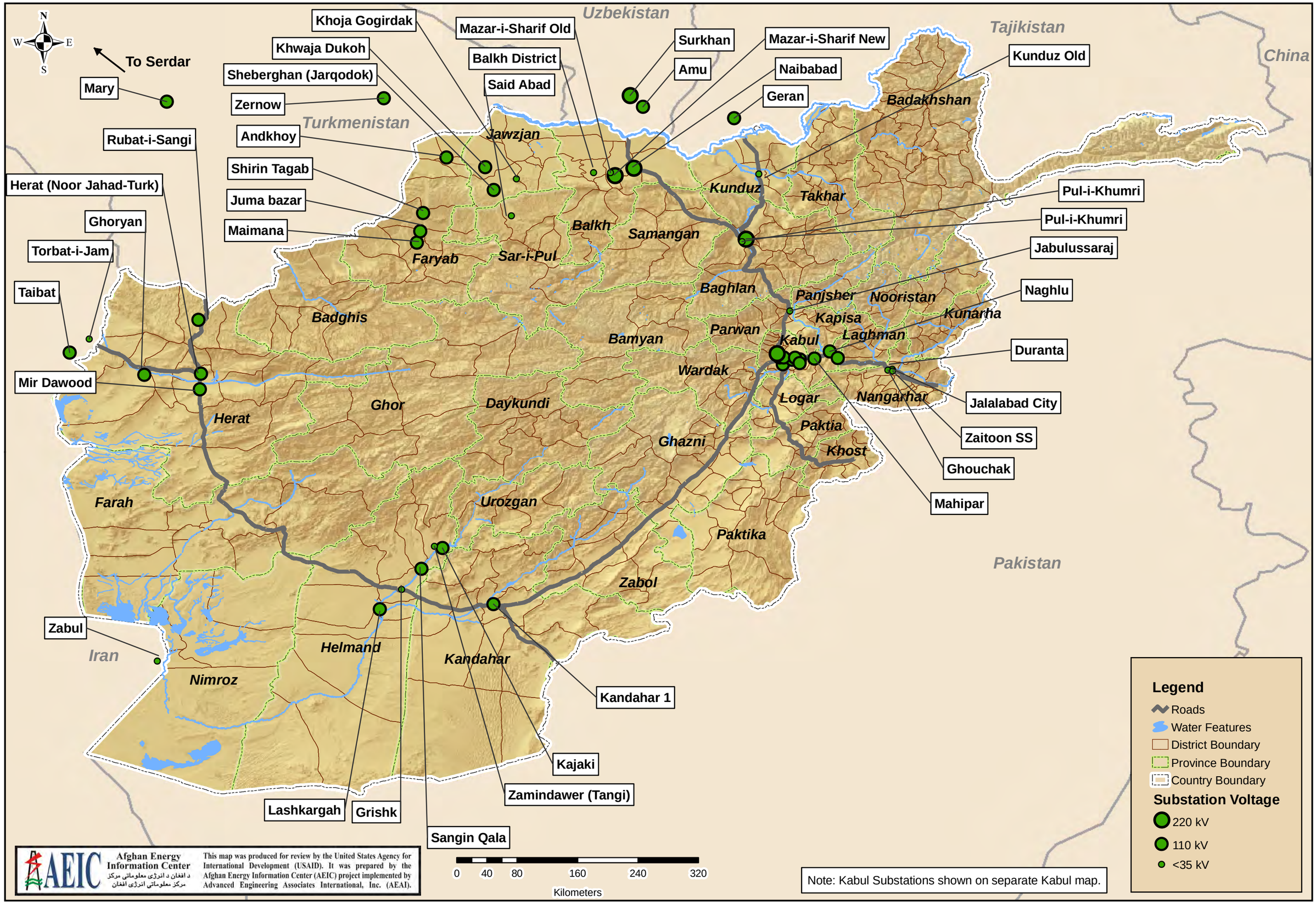
Existing Power Plants



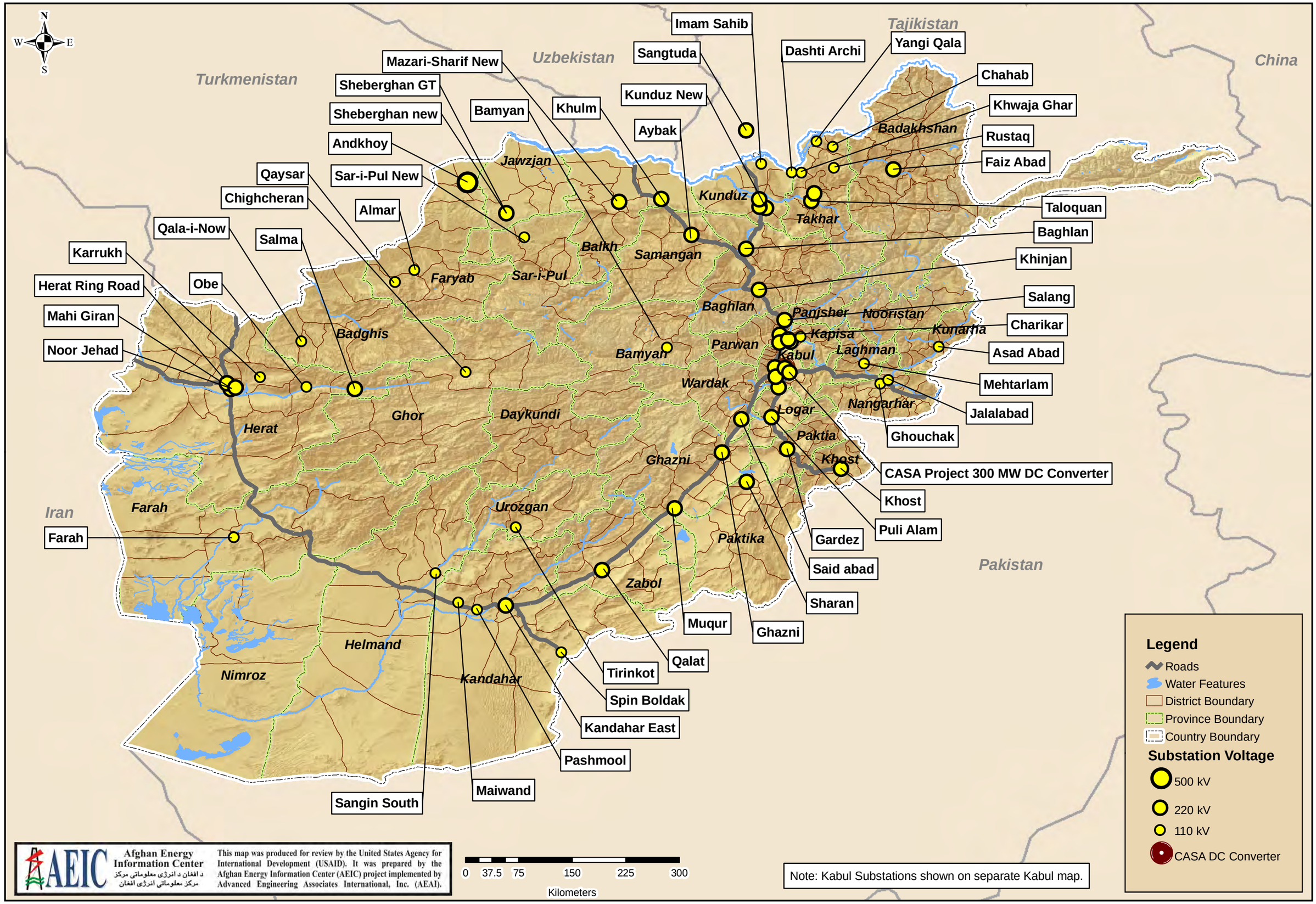
Future Power Plants to Year 2015 (1394)



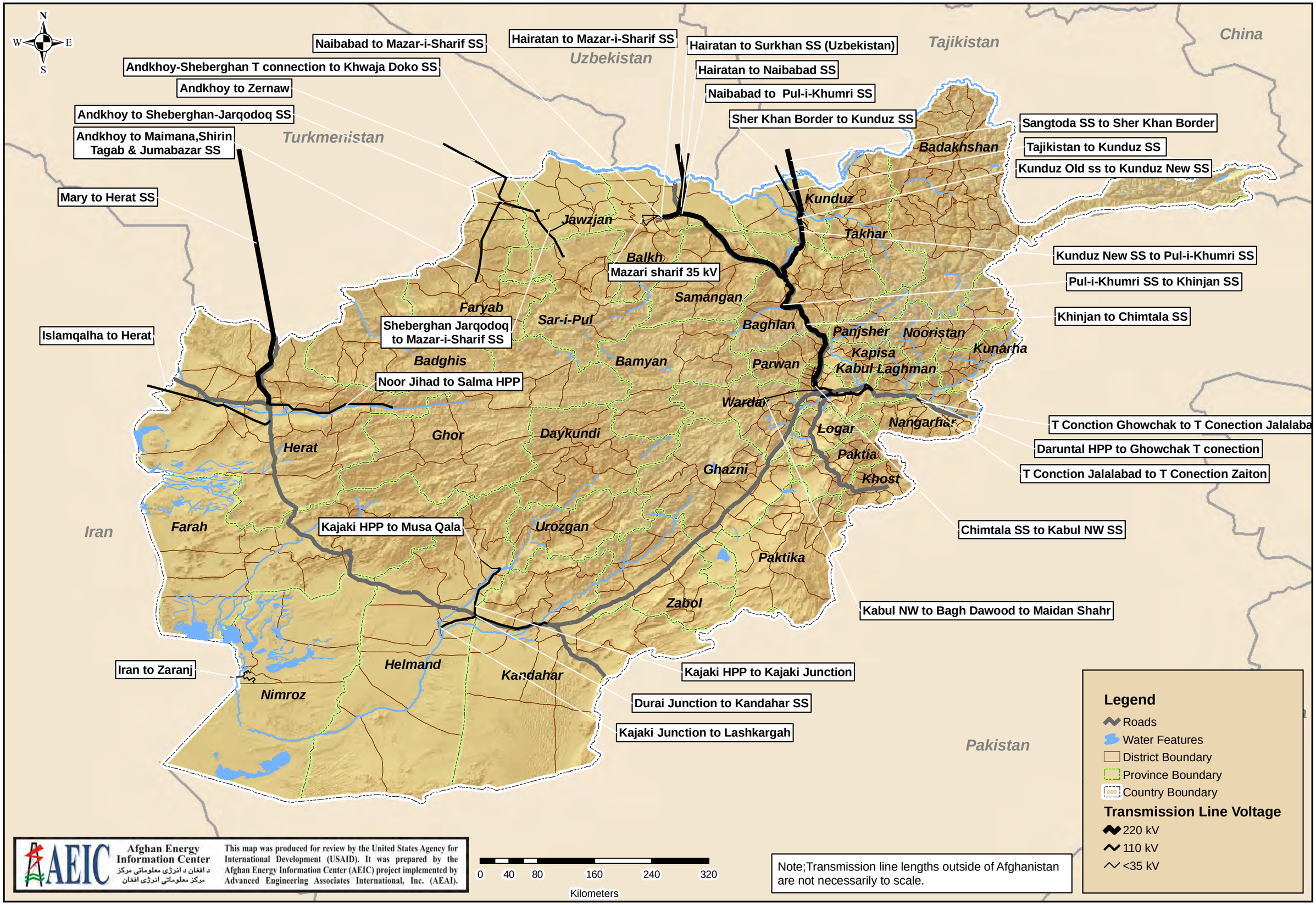
Existing Substations



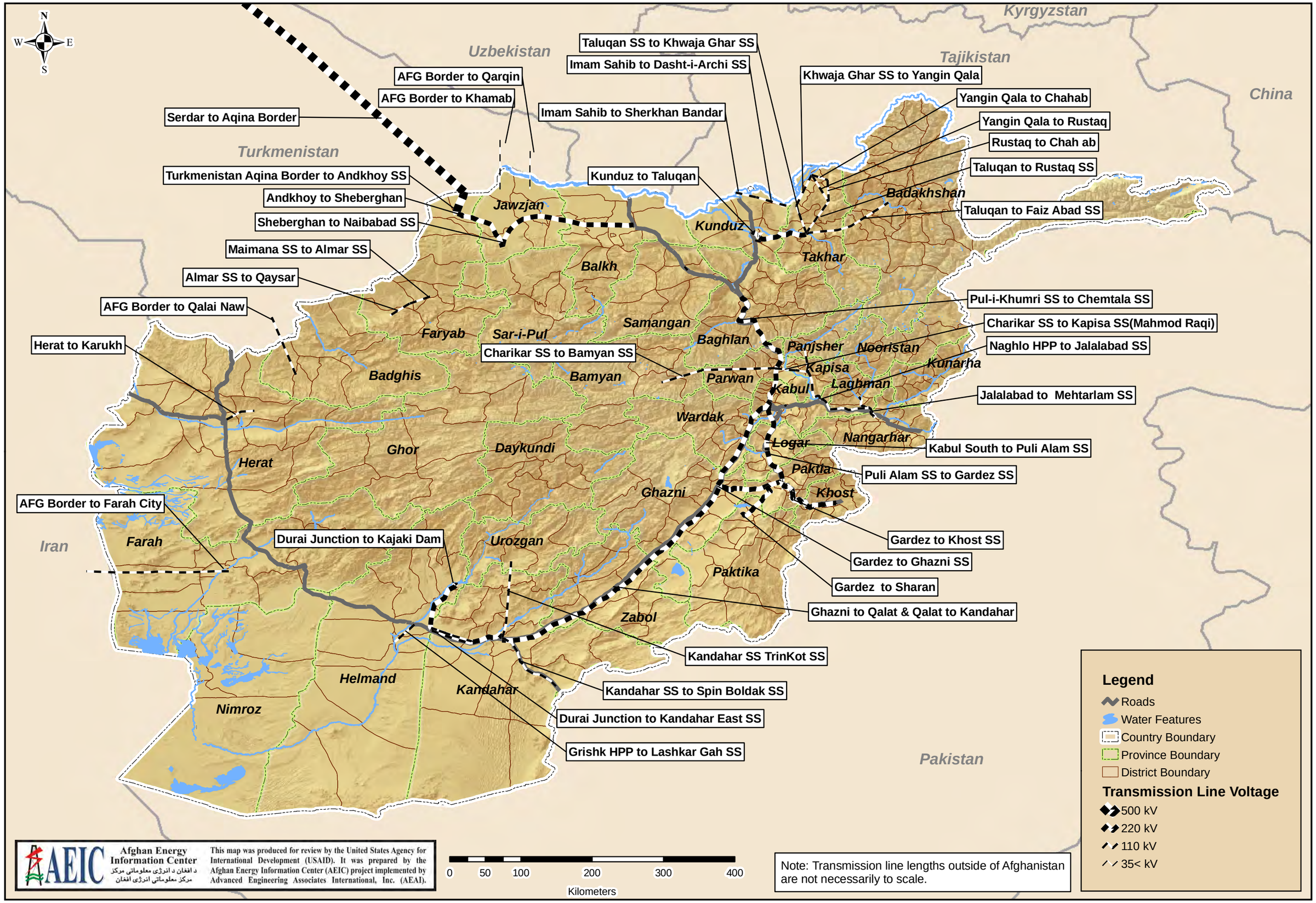
Future Substations to Year 2015 (1394)



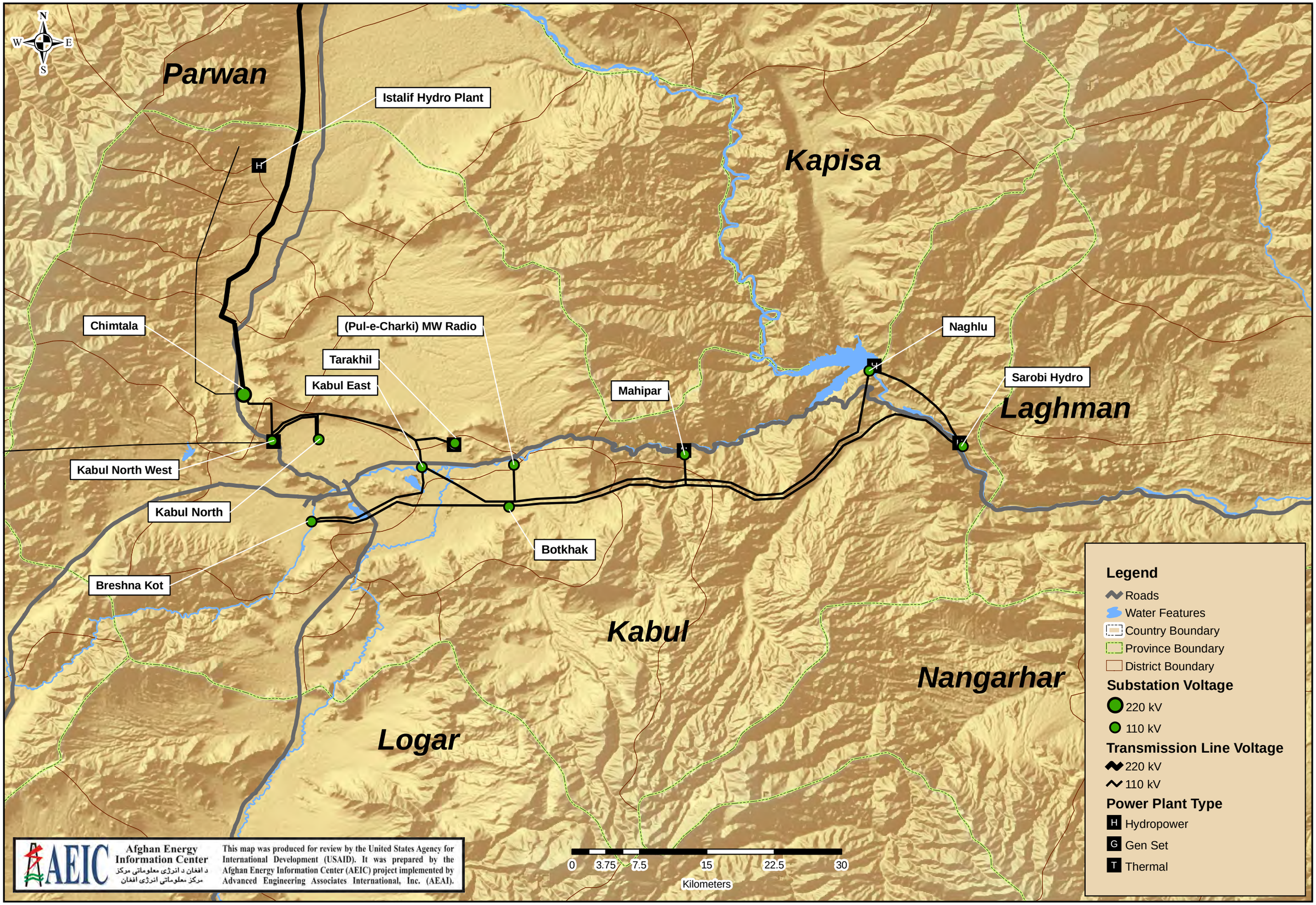
Existing Transmission Lines



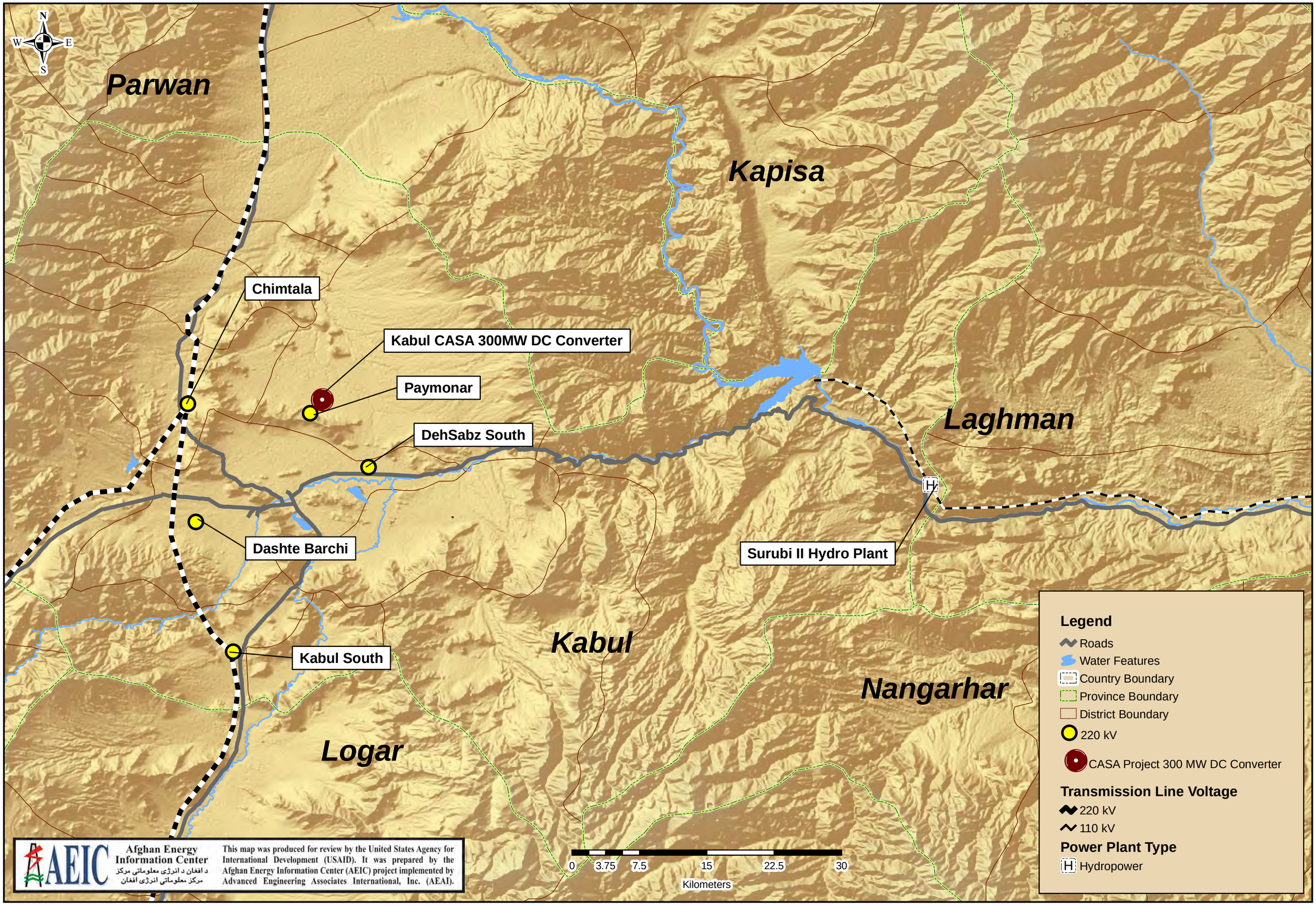
Future Transmission Lines



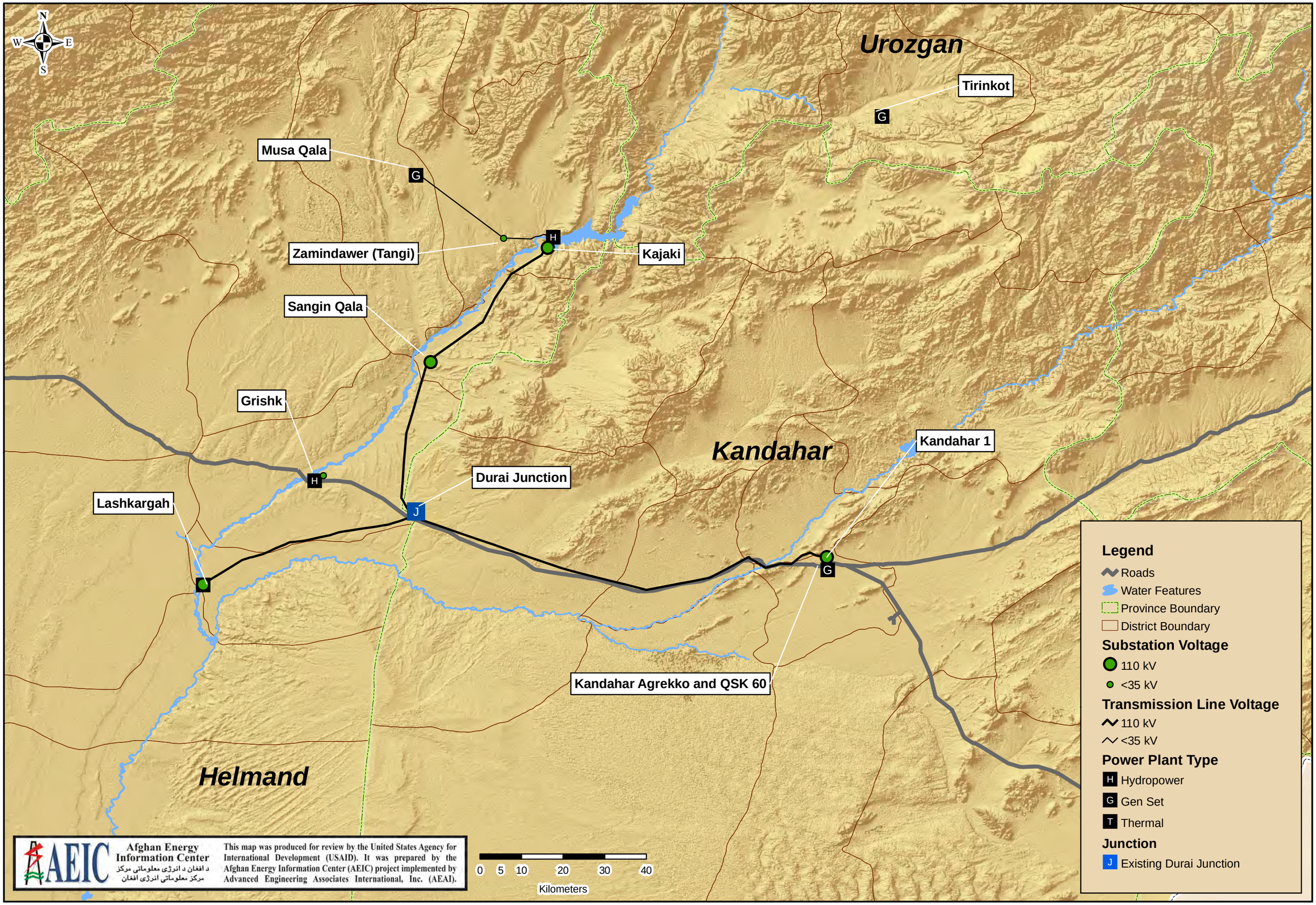
Existing Kabul System



Future Kabul System to Year 2015 (1394)



Existing South East Power System



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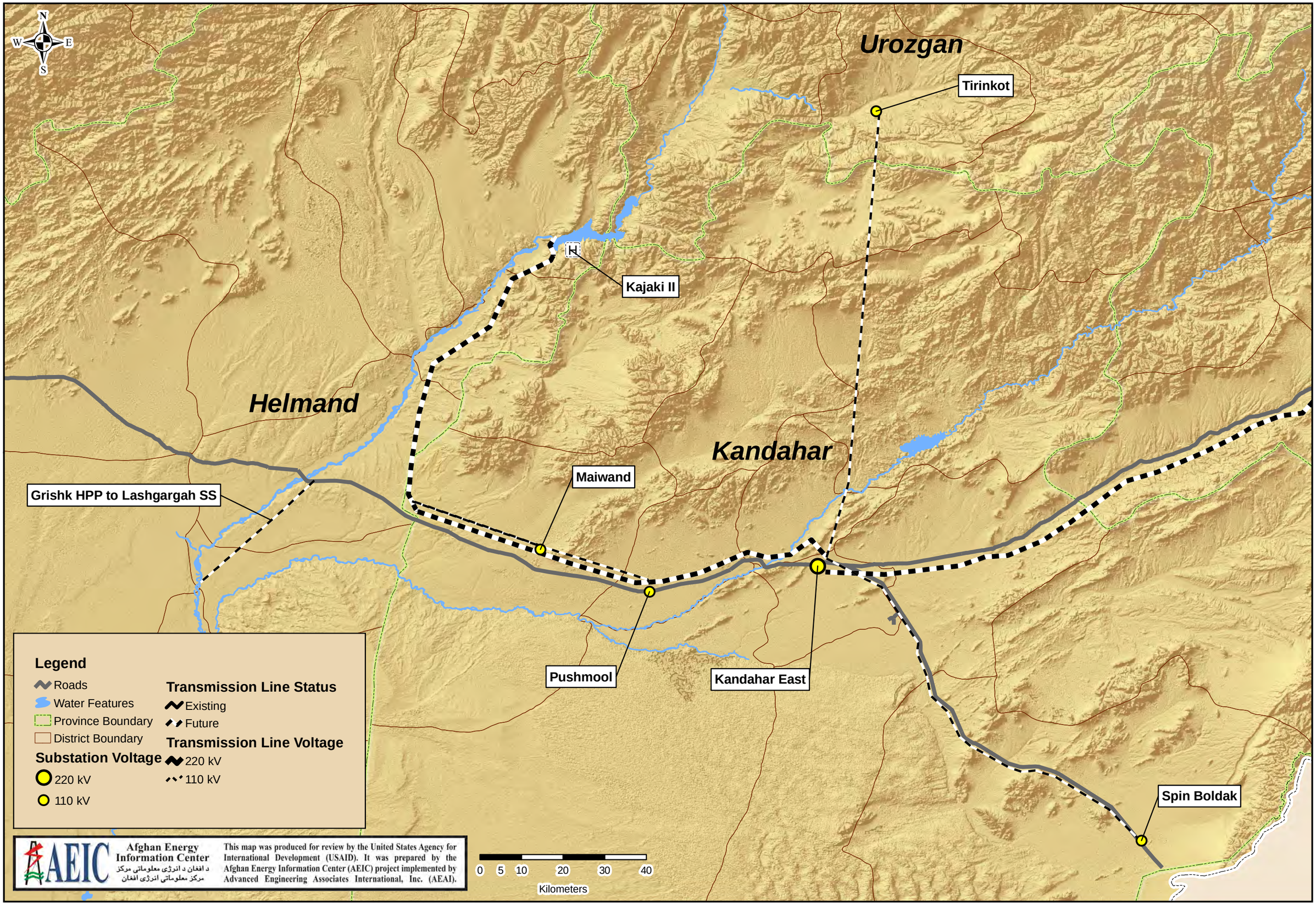
Future South East Power System



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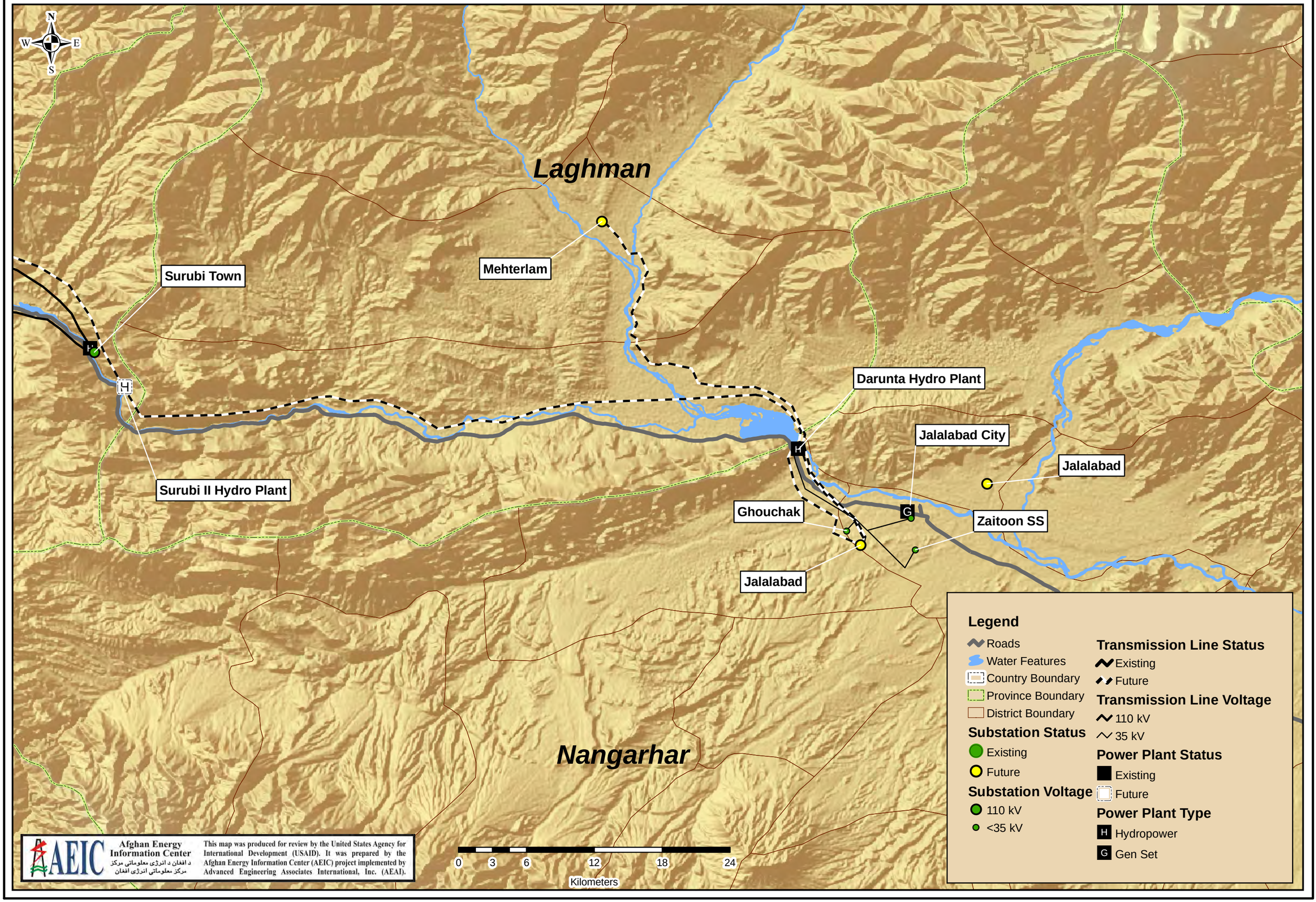
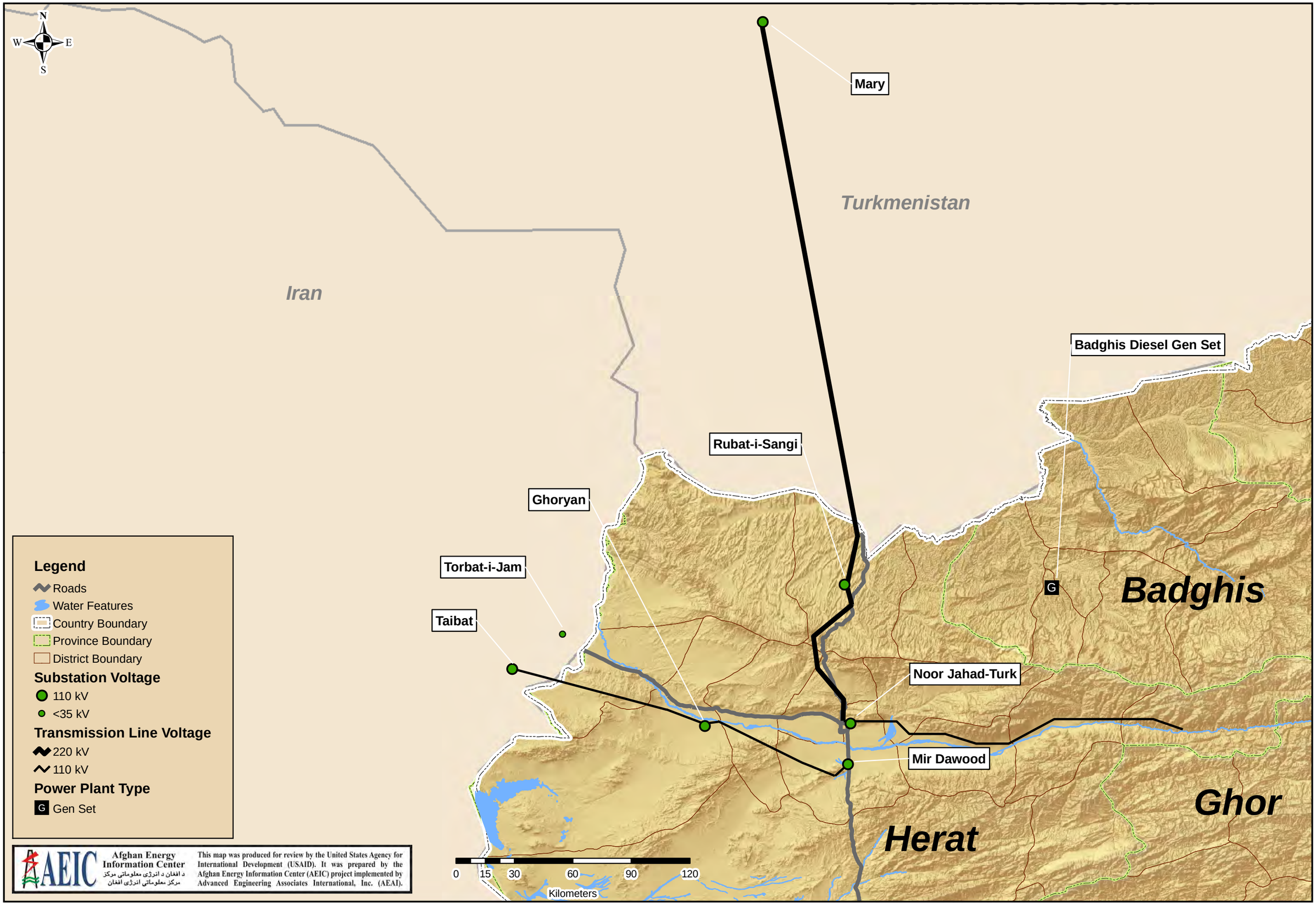
Eastern Power System



Western Existing System



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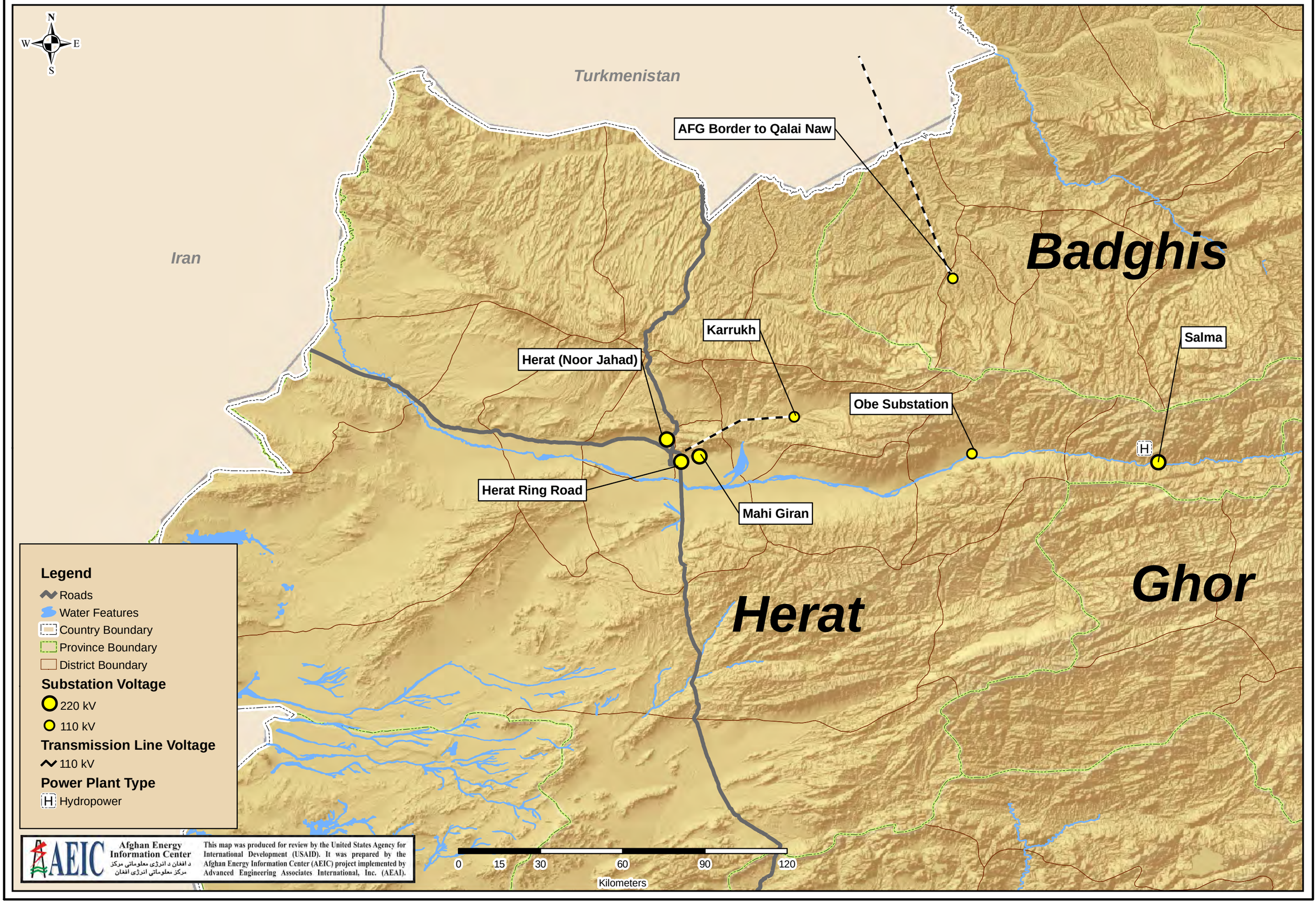
Western Future System



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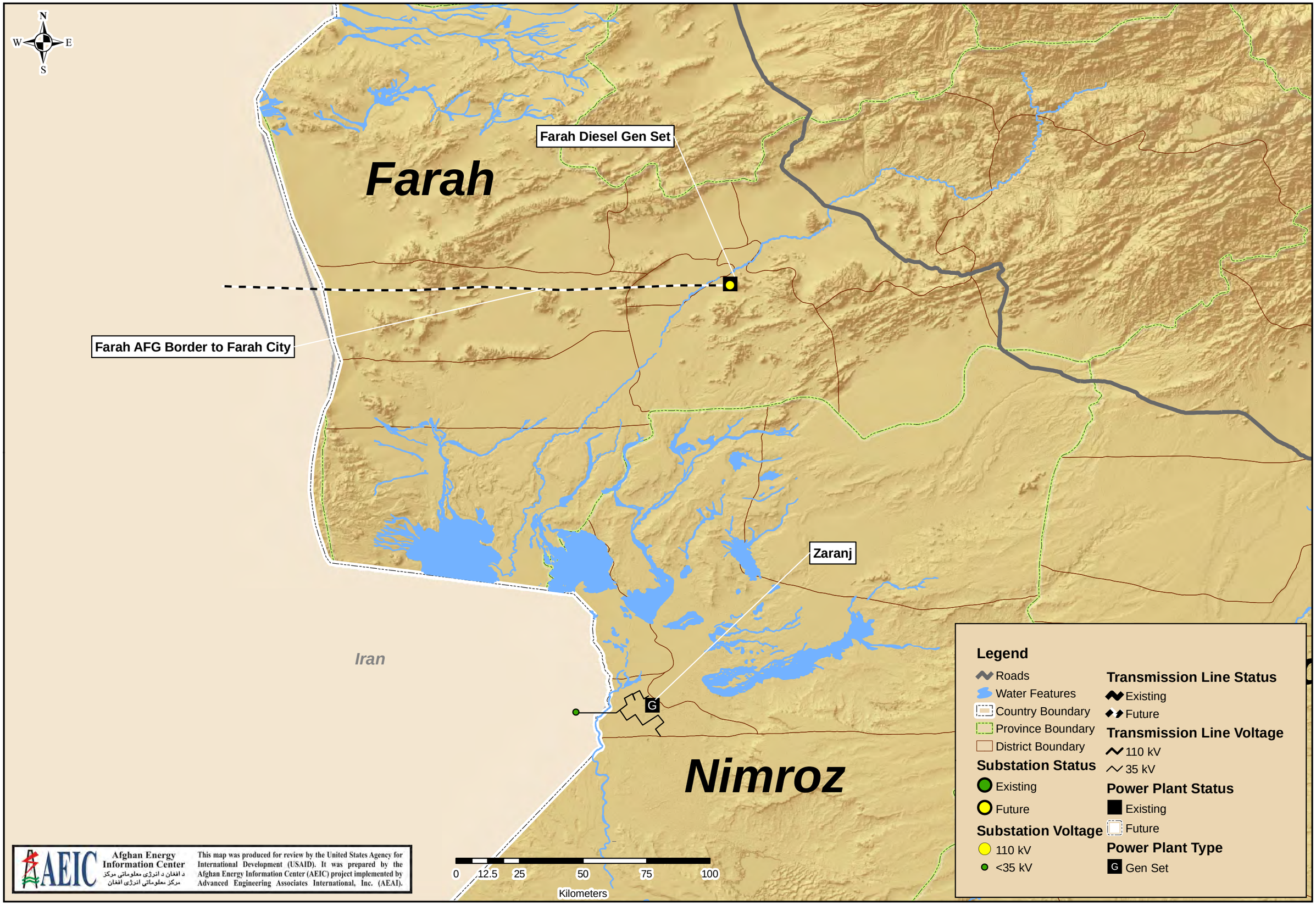
Nimroz Energy System



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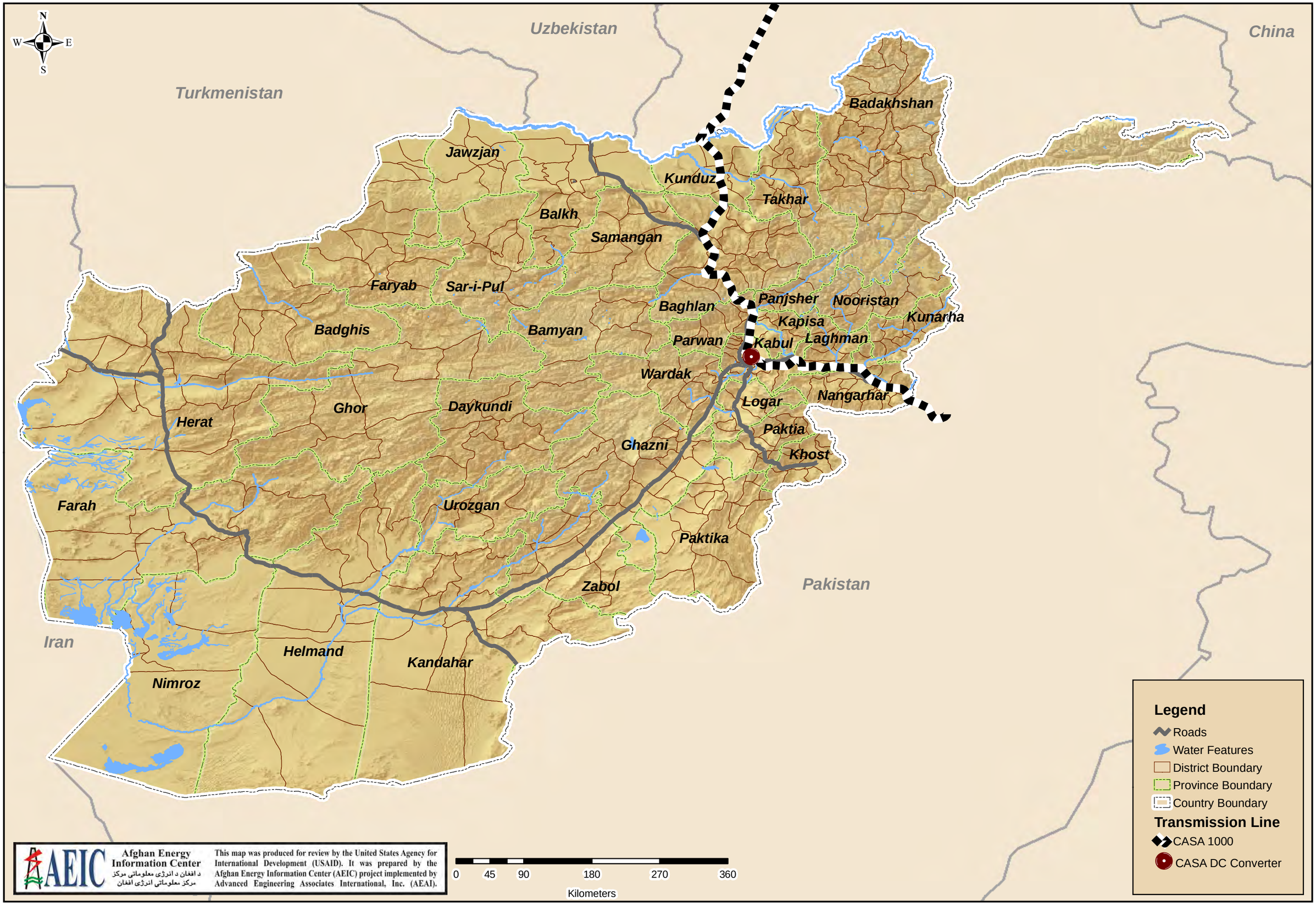
Proposed CASA 1000



The North East Power System (NEPS)

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To Serdar

Turkmenistan

Uzbekistan

Tajikistan

Turk border to Khamab

Turk border to Qarqin

Mary

Zernow

Andkhoy

Jawzjan

Mazar-i-Sharif

Surkhan

Amu

Sangtuda

Geran

Naibabad

Khulm

Kunduz

Kunduz

Imam Sahib

Chahab

Rustaq

Faiz Abad

Taluquan

Badakhshan

Sheberghan

Faryab

Balkh

Shirin Tagab

Said Abad

Sar-i-Pul

Juma bazar

Maimana

Aybak

Samangan

Pul-i-Khumri

Takhar

Doshi/Khinjan

Sar-i-Pul

Baghlan

Panjshir

Nooristan

Rubat-i-Sangi

Badghis

Bamyan

Charikar

Asad Abad

Qala-i-Now

Ghowr

Parwan

Kapisa

Laghman

Mehtarlam

Herat

Karokh

Salma

Wardak

Kabul

Nangarhar

Logar

Ghazni

Puli-Alam

Paktia

Ghazni

Gardez

Khost

Sharana

Khost

Paktika

Zabul

Chimtala

Naghlu

Kabul North

Tarakhil

Mahipar

Kabul NW

Kabul East

MW Radio

Suru

Breshna Kot

Botkhak

Kilometers

0 50 100 200

October 25, 2011

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Turkmenistan Uzbekistan Tajikistan Iran Afghanistan Pakistan India

Legend

Roads

Water Features

Country Boundary

Province Boundaries

District Boundaries

Powerplants

Type, Status

- C Coal, Operating
- G Gen-Set, Existing
- H Hydropower
- H Hydropower, Future
- T Thermal, Existing
- T Thermal, Future

Substations Status

- Complete
- Incomplete
- Future
- Existing

Transmission Lines Status

- Complete
- Incomplete
- Unfunded
- Future

Substations Voltage

- 500 kV
- 220 kV
- 110 kV
- < 44 kV

Transmission Voltage

- 500 kV
- 220 kV
- 110kV
- 35 kV

Donor

- ARTF
- ADB
- GOI
- IsDB
- IRoA
- KfW
- USAID
- WB
- Existing
- DABS