Da Afghanistan Breshna Sherkat

Investment Opportunities

In Energy Sector

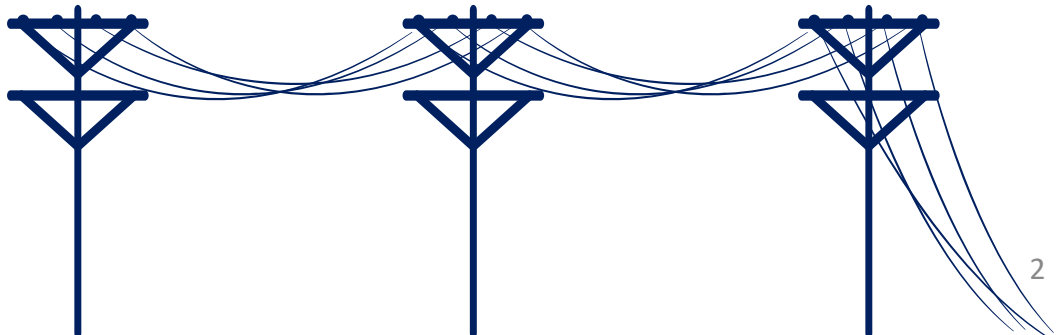


October, 2026

Investment Opportunities

DABS has prioritized the investment opportunities in the following majors:

- Construction of Power Plants:
  - 1) Solar
  - 2) Wind
  - 3) Hydro
  - 4) Thermal
- Suspended Projects of DABS
- Construction of Substations
- Extension of Transmission Lines
- Extension of Distribution Networks



Solar's Energy Mini- Grid Investment Opportunities

No	Kind of Projects	Province	Location	Capacity (MW)
1	Solar-Power Plant With BESS	Daikundi	Nilli	5MW SPP + 10MWh BESS
2	Solar-Power Plant With BESS	Ghor	Ferooz Koh	5MW SPP + 10MWh BESS
3	Solar-Power Plant With BESS	Farah	Farah Center	5MW SPP + 10MWh BESS
4	Solar-Power Plant With BESS	Uruzgan	Trinkot	5MW SPP + 10MWh BESS
5	Solar-Power Plant With BESS	Paktika	Sharana	5MW SPP + 10MWh BESS
6	Solar-Power Plant With BESS	Nangarhar	Momand Dara	5MW SPP + 10MWh BESS
7	Solar-Power Plant With BESS	Nimroz	Khash	5MW SPP + 10MWh BESS
8	Solar-Power Plant With BESS	Farah	Gulistan	5MW SPP + 10MWh BESS
9	Solar-Power Plant With BESS	Ghor	Lal Sarjangle	5MW SPP + 10MWh BESS
10	Solar-Power Plant With BESS	Daikundi	Miramor	5MW SPP + 10MWh BESS
11	Solar-Power Plant With BESS	Uruzgan	Dehrawat	5MW SPP + 10MWh BESS
12	Solar-Power Plant With BESS	Ghazni	Nawur	5MW SPP + 10MWh BESS
13	Solar-Power Plant With BESS	Paktika	Wazakhwa	5MW SPP + 10MWh BESS
14	Solar-Power Plant With BESS	Balkh	Kishindah	5MW SPP + 10MWh BESS
15	Solar-Power Plant With BESS	Sari Pul	Kuhistanat	5MW SPP + 10MWh BESS
16	Solar-Power Plant With BESS	Faryab	Kohistan	5MW SPP + 10MWh BESS
17	Solar-Power Plant With BESS	Herat	Shindand	5MW SPP + 10MWh BESS
18	Solar-Power Plant With BESS	Helmand	Garm Seer	5MW SPP + 10MWh BESS
19	Solar-Power Plant With BESS	Kandahar	Shorabak	5MW SPP + 10MWh BESS
20	Solar-Power Plant With BESS	Zabul	Shamal Zayee	5MW SPP + 10MWh BESS

Solar's Energy Mini- Grid Investment Opportunities

No	Kind of Projects	Province	Location	Capacity (MW)
21	Solar-Power Plant With BESS	Paktiya	Zurmat	5MW SPP + 10MWh BESS
22	Solar-Power Plant With BESS	Wardak	Chak	5MW SPP + 10MWh BESS
23	Solar-Power Plant With BESS	Parwan	Sya Gerd	5MW SPP + 10MWh BESS
24	Solar-Power Plant With BESS	Paktika	Zarghon	5MW SPP + 10MWh BESS
25	Solar-Power Plant With BESS	Baghlan	Dashte ghori	5MW SPP + 10MWh BESS
Total Capacity				**125MWp + 250MWh BESS**

Electrification of 80 Districts across different provinces of Afghanistan

No	Project Name	Location	Capacity (MW)	Descriptions
1	**Electrification of 80 Districts across different provinces of Afghanistan**	Different Provinces	Electrification through extending the grid; **Or** Construction of 5 -10 MW SPP/ MHP for each district.	• DABS has planned to expand its area of electrification to the new **80 districts**, that currently are suffering from lack of electricity. • The project includes construction of SPPs or MHP, and/or 20kV distribution networks. • The projects are under feasibility study and the detailed information shall be documented vey soon.

Wind's Energy Investment Opportunities

No	Kind of Projects	Location	Capacity (MW)	Pre-Feasibility
1	Wind-Power Plant	Herat, Dasht-e-Hawz	40	Available
2	Wind-Power Plant	Herat, Dasht-e-Taraka	40	Available
3	Wind-Power Plant	Balkh, Nayeb Abad 1	40	Available
4	Wind-Power Plant	Balkh, Nayeb Abad 2	40	Available
5	Wind-Power Plant	Balkh, Hairatan	40	Available
6	Wind-Power Plant	Khulm, Balkh	50	Available
	Total Capacity		**250 MW**	
7	Wind Potential for next 10 years	Afghanistan	2000 MW	Planned

Hydro's Energy Investment Opportunities

No	Location	Capacity (MW)	Distance from SS
1	Gulbahar, Panjshir	120	3.5km from Gulbahar SS
2	Kabul ,Surobi 2	180	3.48km from Sarobi SS
3	Badakhshan Qhochi	332	NS
4	Kunar, Dab	450	NS
5	Kunar, Sagay	300	NS
6	Kunar,shaal	798	NS
7	Takhar, Gurda Gaw	237	101.16km from Taliqan SS
8	Kunar, Choonak	390	NS
9	Takhar, Qala Momayai(Kokcha)	445	30.2km from Taliqan SS
10	Badakhshan, Robat	141	NS
11	Kapisa, Baghdara	240	13.74km from Tapa-e Ahmad Bek SS
12	Kabul, 2nd phase of Surobi 1	2x11	3.48km from Sarobi SS
13	Rehabilitation of Darunta Hydro Power Plant (Nangarhar)	3x3.85 MW	Connected to the Grid
14	Rehabilitation of Pul-e-Khumri hydro power plant (Baghlan)	3x3 MW	Connected to the Grid
15	Rehabilitation of Jabal -Saraj hydro power plant (Parwan)	5x0.5 MW	Connected to the Grid
Total Capacity		**3,678 MW**	

Hydro's Energy Mini- Grid Investment Opportunities

NO.	Projects Name	Province	District	Village Name	Proposed Capacity (KW)
1	Zari Project 500KW MHP	Balkh	Zari district	Centre and village	500
2	KUSHUNDA 500kW Balkh MHP	Balkh	Koshunda	Aqkobrog	500
3	Sholgara 500 kW MHP	Balkh	Sholgara		500
4	Yangi Qala 600 KW MHP	Takhar	Yangiqala	Kildesh	600
5	Shahre Kohna 400 kW MHP	Takhar	Dasht-e-Qala		400
6	Baharak 110kw MHP	Takhar	Baharak	Centre	110
7	Dahan-e-Abigak 2.47MW MHP	Daikondi	Khadir	Centre	2470
8	Pol-e-sokhtok 13.8 MW MHP	Daikondi	Nili	Nili	13800
9	Qol Feeroz 5 MW MHP	Daikondi	Ashtarlay		5100
10	Naiqol 190 kW MHP	Bamyan	Panjab		190
11	Koh-e-do brodaran 563 kW MHP	Bamyan	Waras		563
12	Qala-e-Saeed 275kW MHP	Wardak		Hese Awal Behsod	275
13	Kaftar khana 11.38MW MHP	Nooristan	Wama		11380
14	Ishlook 4.77 MW MHP	Nooristan	Paroon		4770
15	Tangi Dawlat Shah (4-5)lMW Hpp	Laghman	Dawlat shah	Dawlat shah	4000-5000
16	Watan Gatu (3-8)lMW HPP	Laghman	Ali Shang	Ali Shang	3000-8000
17	Poza leach 4.1 MW MHP	Ghor	Chagh charan	Chagh charan	4100
18	Kochak Kishem HPP	Badakhshan	Kishem	Kishem	2000
19	Energizing Bakhshabad dam HPP	Farah	Bakhshabad	Bakhshabad	2000
20	Spogmee MHP – Badakhshan	Badakhshan	Spogmee	Spogmee	2500
21	Kuran Wa Munjan MHP Project – Badakhshan	Badakhshan	Kuran- Munjan	Kuran- Munjan	1500
22	Rehabilitation of small HPP	Logar	Charkh district	Charkh district	600
Total Capacity					**66.258 MW**

Thermal's Energy Investment Opportunities

No	Kinds of Project	Location	Capacity (MW)
1	Coal-Fired Power Plant	Balkh, Qosh Tapa	400-1000
2	Coal-Fired Power Plant	Baghlan, Khenjan	100
3	Coal-Fired Power Plant	Baghlan, Khawja Alwan	300
4	Coal-Fired Power Plant	Bamyan, Kahmard Saighan	400
5	Coal-Fired Power Plant	Balkh, Sholgarah,	750
6	Coal-Fired Power Plant	Herat, Karokh	150
7	Gas-Fired Power Plant	Jawzjan/Sheberghan	300
8	Coal-Fired Power Plant	Kapisa/Tapa-e Ahmad Bek	100
Total Capacity			**3,100 MW**

Biomass's Energy Investment Opportunity

Kabul, Khak-e-Jabar Biomass Power Plant (Planned)

- Biomass projects can use of organic materials such as wood, rice husks, bagasse, corn cobs, and coconut shells, which can be used to generate heat, steam, and/or electricity;
- Organic wastages of Kabul city have been collected since many years at Gazak area, Khak-e Jabar district of Kabul;
- **The preliminary survey indicates that a capacity of about 30-100MW power generation is available in this area.**



Transmission Line and Substation (Investment Opportunities)

No.	Project	Location	Voltage	Capacity (MVA)	Description	Category
1	500kv Transmission Line from Turkmenistan to Herat and Kandahar, along with its Substations	Herat, Kandahar	500 kV	3×133 MVA 3×160 MVA	786 km	TL+SS
2	Transmission Line from Shindand to Farah and Farah Substation	Herat, Farah	220/20kV	2x40 MVA	176 km	TL+SS
3	Transmission Line from Pole-Hashemi to Shindand and Shindand Substation	Herat	220/20kV	2x16 MVA	135km	TL+SS
4	Transmission Line from Ghazni to Sharana and Sharana New Substation & Ghazni Substation Expansion	Ghazni, Paktika	220/20kV	2x16 MVA	68.5km	TL+SS
5	Transmission Line from Gulbahar to Panjshir and Panjshir Substation	Parwan	110/20kV	2x16 MVA	40km	TL+SS
6	Transmission Line from Gulbahar to Barik Aab	Parwan	220/20kV	-	38km	TL
7	Transmission Line from Rbat Kashan to Bala Murghab SS and Bala Murghab SS	Badghis	220/20kV	2X10MVA	52 Km Single circuit	TL+SS
8	Uncompleted project of Transmission Line from Doshi to Bamyan and Bamyan SS + Distribution Network	Bamyan	220/20kV	2X16MVA	169km Double circuit	TL+SS
9	Adraskan Substation and its Related TL	Herat	220/20kV	2x16 MVA	-	SS+TL
10	Transmission Line from Taluqan SS to Kishem SS, and Kishem SS	Badakhshan	220/20kv	2x16MVA	65km, DC	TL+SS
11	Transmission Line from Kishem to Faizabad, Extension of Kishem SS & Substation at Faizabad	Badakhshan	220/20kv	3x16 MVA	105km, DC	TL+SS
12	Transmission line from Turkmenistan border to Bala Murghab, and Bala Murghab SS	Badghis	110/20kV	2x16MVA	15km, SC	TL+SS
13	U connection line from Turkmenistan - Qala Naw line to Sang Atash SS, and Sang Atash SS	Badghis	110kV	2x10 MVA	0.60km, SC	TL+SS

Transmission Line and Substation (Investment Opportunities)

No.	Project	Location	Voltage	Capacity (MVA)	Description	Category
14	Transmission line from Qala Naw SS to Darah Boom SS, and Darah Boom SS	Badghis	110kV	2x10 MVA	48.20Km, SC	TL+SS
15	Transmission line from Khenjan/Gazagil SS to Andarab SS, and Andarab SS & Extension of Khenjan SS	Baghlan	220/20kV	2x16 MVA	55Km, SC	TL+SS
16	Transmission line from Baghlan SS to Nahreen, and Nahreen SS & Extension of Baghlan SS	Baghlan	220/20kV	2x16 MVA	50km, SC	TL+SS
17	U Connection Line from Khenjan Bamyan Line to Tala wa Barfak and Tala wa Barfak SS	Baghlan	220/20kV	2x16 MVA	-	TL+SS
18	U connection line from Mazar-Sheberghan line to Chahar Bulak SS and Chahar Bulak SS	Balkh	220/20kV	2x25 MVA	17.5km, SC	TL+SS
19	Transmission line from Chahar Bulak SS to Shor Tepah SS, and Shor Tepa SS	Balkh	220/20kV	2x10 MVA	54km, SC	TL+SS
20	Transmission line from Comp-e-Shahin SS to Shol Gara SS, Shol Gara SS + Line Bay Extension at Comp-e-Shahin SS	Balkh	220/20kV	2x16 MVA	43km, SC	TL+SS
21	Transmission line from Bamiyan SS to Yakawlang SS, and Yakawlang SS + Line Bay Extension at Bamiyan SS	Bamiyan	220/20kV	2x10 MVA	85km, SC	TL+SS
22	Transmission line from Kandahar to Urozgan, Urozgan SS (with line bays for Daikundi TL)+Line Bay Extension at Kandahar East SS	Urozgan	220kv/20	2x16 MVA	137.50 km, SC	TL + SS
23	Transmission line from Urozgan to Daikundy, and Daikundy SS	Daikundy	220kv/20	2x16 MVA	150.00 km, SC	TL + SS
24	Transmission line from Iran border to Farah SS	Farah	220kv/20	-	120.00 km, SC	TL
25	Transmission line from Farah SS to Delaram district SS, and Delaram SS	Nimroz	220kv/20	2x16 MVA	126kM, DC	TL + SS
26	Transmission line from Delaram SS to Ghor Ghori SS, and Ghor Ghori SS	Nimroz	220kv/20	2x25 MVA	115.00 km, DC	TL + SS

Transmission Line and Substation (Investment Opportunities)

No.	Project	Location	Voltage	Capacity (MVA)	Description	Category
27	Transmission line from Ghor Ghori SS to Nimroz, and Zaranj SS	Nimroz	220kv/20	2x25 MVA	97.00 km, DC	TL + SS
28	Transmission line from Iran border to Nimroz SS	Nimroz	220kv/20	-	35.00 km, SC	TL
28	Transmission line from Delaram SS to Washir distict SS, and Washir SS	Helmand	220kv/20	2x25 MVA	86kM, DC	TL + SS
30	Transmission line from Washir distict SS to New Dorahi SS, and New Dorahi SS	Helmand	220kv/20	2x63 MVA	65kM, DC	TL + SS
31	Transmission line from Kajaki to Musa Qala, and Musa Qala SS, + Line Bay Extension at Kajaki SS	Helmand	110kv/20	2x25 MVA	30.00 km, SC	TL + SS
32	Transmission line from existing Lashkargah SS to Nawa District, and Nawa SS + Lashkargah SS Extension	Helmand	110kv/20	2x16 MVA	30.00 km, SC	TL + SS
33	Transmission line from Musa Qala to Naw Zad, and Naw Zad SS	Helmand	110kv/20	1x16 MVA	36.30 km, SC	TL + SS
34	Transmission Line from New Dorahi SS to Kandahar East SS	Kandahar	220/20kv		108.00 km, DS	TL
35	Transmission line from Kandahar East SS to Spin Boldak, and Spin Boldak SS + Line Bay Extension at Kandahar East SS	Kandahar	220/20kv	2x16 MVA	87.00 km, SC	TL+SS
36	Transmission line from Aqina Border to Andkhoy East SS	Faryab	220/20kv		33.00 km, SC	TL
37	Transmission line from Andkhoy East SS to New Maimana SS, and Maimana New SS 220/110/20KV, 220/20KV	Faryab	220/20kv	72 MVA	139.20 km, SC	TL+SS
38	Transmission line from New Maimana SS to Gurziwan SS, and Gurziwan SS + Line bay Extension at New Maimana SS	Faryab	220/20kv	2x16 MVA	55.00 km, SC	TL+SS
39	Transmission line from New Maimana SS to Almar SS, and Almar SS + Line bay Extension at New Maimana SS	Faryab	220/20kv	2x16 MVA	39.00 km, SC	TL+SS

Transmission Line and Substation (Investment Opportunities)

No.	Project	Location	Voltage	Capacity (MVA)	Description	Category
40	Transmission line from Almar SS to Qaisar SS, and Qaisar SS	Faryab	220/20kv	2x16 MVA	38.00 km, SC	TL+SS
41	Connection line between new Maimana SS and Old Maimana SS	Faryab	220/20kv		3.00 km, SC	TL
42	Transmission line from Pul-e-Hashimi (TAP SS) to Andkhoy switch station, and SWS at Andkhoy	Faryab	500kv	-	400.00 km, SC	TL
43	Transmission line from Jumabazar to Khwaja Musa and Khwaja Musa SS	Faryab	220/20kv	2x16 MVA	-	TL+SS
44	Transmission line from Gurziwan SS to Ghor SS, and Ghor SS + Gurziwan SS Extention	Ghor	220/20kv	2x 16 MVA	162.00 km, SC	TL+SS
45	Transmission Line from Salma HPP to Tolak SS, and Tolak SS	Ghor	110/20kv	2x10 MVA	70.00 km, SC	TL+SS
46	Transmission line from Turkmenistan to Khamab (6km) & Transmission line from Khamab TL to Qarqin (30km), and Khamab + Qarqin SS	Jawzjan	110/20kv	8MVA + 8MVA	36.00 km, SC	TL+SS
47	Transmission line from Sar-e-Pul to Sang Charak and Sang Charak SS + extension of new busbar at Sar-e-Pul SS	Sar-e-Pul	110/20kv	2x25 MVA	59.00 km, SC	TL+SS
48	Transmission line from Dasht Abdan SW Station to Qala-e-Zal and Qala-e Zal SS+ Dasht Abdan SS Extension,	Kundoz	110/20kv	2x25 MVA	31.60 km, SC	TL+SS
49	Transmission line from Kunduz 110KV SS to Seh Darak 35KV SS	Kundoz	110-35/20kv	-	5.00 km, SC	TL+SS
50	Transmission line from Taloqan SS to Khwaja Ghar SS and Khwaja Ghar SS + Line Bay Extension at Taloqan SS	Takhar	220/20kv	2x16 MVA	43.00 km, DC	TL+SS
51	Transmission line from Khwaja Ghar SS to Khwaja Bahawodin, and Khwaja Bahawodin SS + Khwaja Ghar SS Extension	Takhar	220/20kv	2x25 MVA	35.00 km, SC	TL+SS
52	Transmission line from Khwaja Bahawodin SS to Rustaq, and Rustaq SS + Khwaja Bahawodin SS Extension	Takhar	220/20kv	2x16 MVA	42.50 km, SC	TL+SS

Transmission Line and Substation (Investment Opportunities)

No.	Project	Location	Voltage	Capacity (MVA)	Description	Category
53	Transmission line from Rustaq SS to Chah Ab SS, and Chah Ab SS + Line Bay Extension at Rustaq SS	Takhar	220/20kv	2x16 MVA	49.50 km, SC	TL+SS
54	Transmission line from Taloqan SS to Eshkamish SS, and Eshkamish SS+ Busbar expansion at Taloqan SS	Takhar	220/20kv	2x25 MVA	42.00 km, SC	TL+SS
55	Transmission line from Shaikh Mesri SS to Batikot and Batikot SS+ Sheikh Mesri SS extension	Nangarhar	220/20kv	2x16 MVA	48.00 km, SC	TL+SS
56	Transmission line from Shaikh Mesri SS to Kunar SS and Kunar SS + Sheikh Mesri SS extension	Kunar	220/20kv	2x40MVA	95.00 km, DC	TL+SS
57	Transmission line from Kunar to Nooristan, and Nooristan SS + Extension of Line Bay at Kunar SS	Nooristan	220/20kv	2x16 MVA	65.00 km, DC	TL+SS
58	Transmission line from Pushteh Surkh SS to Syagerd, and Syagerd SS + Pushteh Surkh Line Bay Extension	Parwan	220/20kv	2x25 MVA	48.00 km, SC	TL+SS
59	Transmission line from Gardez SS to Ahmad Khail, and Ahmad Khail SS + Gardez SS Line BayExtention	Paktia	220/20kv	2x25 MVA	46.00 km, SC	TL+SS
60	Transmission line from Khost SS to Jani Khail, and Jani Khail SS + Expansion of Khost SS	Khost	220/20kv	16MVA+16MVA	33.83 km	TL+SS
61	Transmission line from Qarabagh to Jaghoori (Loman), and Jaghori (Loman) SS & Extension of Qarabagh SS	Ghazni	220/20kv	2x16MVA	60.00 km	TL+SS
62	U connection line for Arghandeh -Ghazni line to Maidan Shahr SS (Dasht-e-Shohada)	Maidan Wardak	220/20kv	-	9.30 km	TL
63	Transmission line from Ghazni SS to Jaghato new SS, and Jaghato SS	Maidan Wardak	220/20kv	2x16MVA	25.00 km	TL+SS
64	Extension of Pushte Surkh substation	Parwan	220/20kv	1x25 MVA	-	SS
65	Expansion of Aqcha Substation	Jawzjan	220/20 kV	1x16 MVA	-	SS

Distribution Network (Investment Opportunities)

No.	Project	Location	Voltage	Capacity (MVA)	Category
1	Distribution Network at Mosahi	Kabul	20/0.4kV	5MW	Distribution
2	Distribution Network at Deh Sabz	Kabul	20/0.4kV	5MW	Distribution
3	Distribution Network at Barik Ab	Kabul	20/0.4kV	5MW	Distribution
4	Distribution Network at Bala Morghab	Badghis	20/0.4kV	5MW	Distribution
5	Distribution Network at Sang Atash district	Badghis	20/0.4kV	5MW	Distribution
6	Distribution Network at Darah Boom	Badghis	20/0.4kV	5MW	Distribution
7	Distribution Network at Andarab	Baghlan	20/0.4kV	5MW	Distribution
8	Distribution Network at Nahreen	Baghlan	20/0.4kV	5MW	Distribution
9	Distribution Network at Khost & Fereng	Baghlan	20/0.4kV	5MW	Distribution
10	Distribution Network at Gozargah Noor	Baghlan	20/0.4kV	5MW	Distribution
11	Distribution Network at Dehsalah	Baghlan	20/0.4kV	5MW	Distribution
12	Distribution Network at Pul-e-Hesaar	Baghlan	20/0.4kV	5MW	Distribution
13	Distribution Network at Burka	Baghlan	20/0.4kV	5MW	Distribution
14	Distribution Network at Khwaja Hejran	Baghlan	20/0.4kV	5MW	Distribution
15	Distribution Network at Tala wa Barfak	Baghlan	20/0.4kV	5MW	Distribution
16	Distribution Network at Dawlat Abad District	Balkh	20/0.4kV	5MW	Distribution
17	Distribution Network at Char Bulak District	Balkh	20/0.4kV	5MW	Distribution
18	Distribution Network at Shor Tepah District	Balkh	20/0.4kV	5MW	Distribution
19	Distribution Network at Sholgarah District	Balkh	20/0.4kV	5MW	Distribution
20	Distribution Network at Yakawlang district + Distribution Network for Park Mili Band-e-Amir	Bamiyan	20/0.4kV	5MW	Distribution

Distribution Network (Investment Opportunities)

No.	Project	Location	Voltage	Capacity (MVA)	Category
21	Distribution Network at Nili City	Daikundy	20/0.4kV	5MW	Distribution
22	Distribution Network at Kheder District	Daikundy	20/0.4kV	5MW	Distribution
23	Distribution Network at Pato District	Daikundy	20/0.4kV	5MW	Distribution
24	Distribution Network at Ishterlai District	Daikundy	20/0.4kV	5MW	Distribution
25	Distribution Network at Shahristan District	Daikundy	20/0.4kV	5MW	Distribution
26	Distribution Network at Gity District	Daikundy	20/0.4kV	5MW	Distribution
27	Distribution Network at Farah	Farah	20/0.4kV	5MW	Distribution
28	Distribution Network at Pusht Road district	Farah	20/0.4kV	5MW	Distribution
29	Distribution Network at Almar	Faryab	20/0.4kV	5MW	Distribution
30	Distribution Network at Qaisar	Faryab	20/0.4kV	5MW	Distribution
31	Distribution Network at Belcheragh	Faryab	20/0.4kV	5MW	Distribution
32	Distribution Network at Garziwan	Faryab	20/0.4kV	5MW	Distribution
33	Distribution Network at Pashton Kot	Faryab	20/0.4kV	5MW	Distribution
34	Distribution Network at Chihil Gazay	Faryab	20/0.4kV	5MW	Distribution
35	Distribution Network at Khwaja Musa	Faryab	20/0.4kV	5MW	Distribution
36	Distribution Network expansion at Ghazni city	Ghazni	20/0.4kV	5MW	Distribution
37	Distribution Network at Deh Yak District	Ghazni	20/0.4kV	5MW	Distribution
38	Distribution Network at Khwaja Omari District	Ghazni	20/0.4kV	5MW	Distribution
39	Distribution Network at Jaghatoo District	Ghazni	20/0.4kV	5MW	Distribution
40	Distribution Network at Jaghori District	Ghazni	20/0.4kV	5MW	Distribution

Distribution Network (Investment Opportunities)

No.	Project	Location	Voltage	Capacity (MVA)	Category
41	Distribution Network at Ander District	Ghazni	20/0.4kV	5MW	Distribution
42	Distribution Network at Waghaz District	Ghazni	20/0.4kV	5MW	Distribution
43	Distribution Network at Wali Mohammad Shahid District	Ghazni	20/0.4kV	5MW	Distribution
44	Distribution Network at Giro District	Ghazni	20/0.4kV	5MW	Distribution
45	Distribution Network at Zana Khan District	Ghazni	20/0.4kV	5MW	Distribution
46	Distribution Network at Ab Band District	Ghazni	20/0.4kV	5MW	Distribution
47	5 Distribution Networks for Qalat, Shajoi, Qarabagh, Moqor and Gelan	Ghazni, Zabul	20/0.4kV	5MW	Distribution
48	Distribution Network at Ghor	Ghor	20/0.4kV	5MW	Distribution
49	Distribution Network at Tolak	Ghor	20/0.4kV	5MW	Distribution
50	Distribution network in Helmand province (Greshk, Nawa, Qasaba areas)	Helmand	20/0.4kV	5MW	Distribution
51	Distribution network for Musa Qala district	Helmand	20/0.4kV	5MW	Distribution
52	Distribution network for Nawzad district	Helmand	20/0.4kV	5MW	Distribution
53	Distribution Network at Shindand	Herat	20/0.4kV	5MW	Distribution
54	Distribution Network at Adraskan	Herat	20/0.4kV	5MW	Distribution
55	Distribution Network at Khamab and Qarqin	Jawzjan	20/0.4kV	5MW	Distribution
56	Distribution Network at Faizabad District	Jawzjan	20/0.4kV	5MW	Distribution
57	Distribution Network at Khanaqah	Jawzjan	20/0.4kV	5MW	Distribution
58	Distribution Network at Mangjak	Jawzjan	20/0.4kV	5MW	Distribution
59	Distribution Network at Mardeyan	Jawzjan	20/0.4kV	5MW	Distribution
60	Distribution Network at Spin Boldak	Kandahar	20/0.4kV	5MW	Distribution

Distribution Network (Investment Opportunities)

No.	Project	Location	Voltage	Capacity (MVA)	Category
61	Distribution Network at Pashmool & Maiwand Districts	Kandahar	20/0.4kV	5MW	Distribution
62	Distribution Network at Asad Abad City	Kunar	20/0.4kV	5MW	Distribution
63	Distribution Network at Mara Wara District	Kunar	20/0.4kV	5MW	Distribution
64	Distribution Network at Sar Kani District	Kunar	20/0.4kV	5MW	Distribution
65	Distribution Network at Narang Wa Badil District	Kunar	20/0.4kV	5MW	Distribution
66	Distribution Network at Sawki District	Kunar	20/0.4kV	5MW	Distribution
67	Distribution Network at Khan Abad	Kundoz	20/0.4kV	5MW	Distribution
68	Distribution Network at Qala-e-Zal	Kundoz	20/0.4kV	5MW	Distribution
69	Distribution Network at Aqtash	Kundoz	20/0.4kV	5MW	Distribution
70	Distribution Network at Kalbad	Kundoz	20/0.4kV	5MW	Distribution
71	Distribution Network at Mohammad Agha District	Logar	20/0.4kV	5MW	Distribution
72	Distribution Network at Khoshi District	Logar	20/0.4kV	5MW	Distribution
73	Distribution Network at Batikot	Nangarhar	20/0.4kV	5MW	Distribution
74	Distribution Extension Network at Kama	Nangarhar	20/0.4kV	5MW	Distribution
75	Distribution Extension Network at Koz Kunar	Nangarhar	20/0.4kV	5MW	Distribution
76	Distribution Extension Network at Chapar Har	Nangarhar	20/0.4kV	5MW	Distribution
77	Distribution at Chaghansur District	Nimroz	20/0.4kV	5MW	Distribution
78	Distribution at Keng District	Nimroz	20/0.4kV	5MW	Distribution
79	Distribution at Delaram District	Nimroz	20/0.4kV	5MW	Distribution
80	Distribution at Ghor Ghori District	Nimroz	20/0.4kV	5MW	Distribution

Distribution Network (Investment Opportunities)

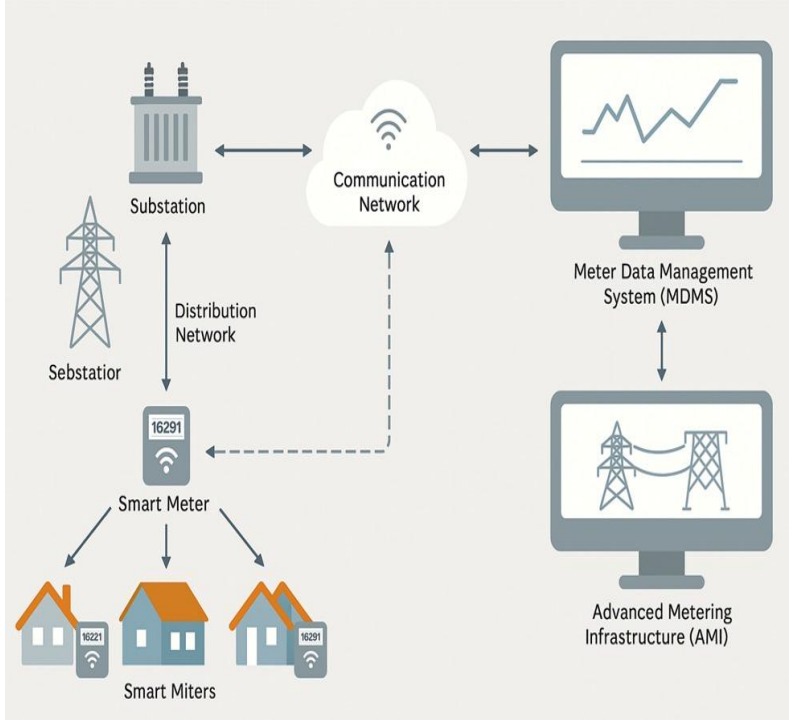
No.	Project	Location	Voltage	Capacity (MVA)	Category
81	Distribution Network at Nooristan	Nooristan	20/0.4kV	5MW	Distribution
82	Distribution Network at Sharana	Paktika	20/0.4kV	5MW	Distribution
83	Distribution Network at Sar-e-Houz	Paktika	20/0.4kV	5MW	Distribution
84	Distribution Network at Yusuf Khail	Paktika	20/0.4kV	5MW	Distribution
85	Distribution Network at Mata Khan	Paktika	20/0.4kV	5MW	Distribution
86	Distribution Network at Sang Charak District	Sar-e-Pul	20/0.4kV	5MW	Distribution
87	Distribution Network at Gosfandi District	Sar-e-Pul	20/0.4kV	5MW	Distribution
88	Distribution Network at Sozma Qala District	Sar-e-Pul	20/0.4kV	5MW	Distribution
89	Distribution Network at Yangi Qala District	Takhar	20/0.4kV	5MW	Distribution
90	Distribution Network at Darqad District	Takhar	20/0.4kV	5MW	Distribution
91	Distribution Network at Khwaja Ghar District	Takhar	20/0.4kV	5MW	Distribution
92	Distribution Network at Khwaja Bahawoldin	Takhar	20/0.4kV	5MW	Distribution
93	Distribution Network at Rostaq	Takhar	20/0.4kV	5MW	Distribution
94	Distribution Network at Chah Ab District	Takhar	20/0.4kV	5MW	Distribution
95	Distribution Network at Kalafgan	Takhar	20/0.4kV	5MW	Distribution
96	Distribution Network at Eshkamish	Takhar	20/0.4kV	5MW	Distribution
97	Distribution Network at Urozgan / Trinkot	Urozgan	20/0.4kV	5MW	Distribution
98	Distribution Network at Jani khail	Khost	20/0.4kV	5MW	Distribution
99	Distribution Network at Shamal district	Khost	20/0.4kV	5MW	Distribution
100	Distribution Network at Said Abad	Maidan Wardak	20/0.4kV	5MW	Distribution

Smart Grid & Smart Metering Investment Opportunities

Purpose: Upgrade Kabul's distribution network into a **Smart Grid** by retrofitting **4,991 Distribution Transformers (DTRs)** with smart technologies to improve efficiency, reliability, and transparency.

1. **Smart Metering**

- Deployment of **advanced smart meters** at transformer and consumer levels.
- **Real-time monitoring** of energy use and accurate billing.
- Supports **demand response** and reduction of commercial losses.



1. **Smart Grid Infrastructure**

- Automation of MV/LV systems with fault detection & self-healing grid.
- Volt/VAR optimization for efficiency and stability.
- Telecommunication backbone: fiber optics, PLC, wireless mesh.
- Enhanced cybersecurity protections.

1. **Control & Data Center**

- Establishment of a modern Control Center with ADMS & SCADA integration.
- Real-time grid visualization & monitoring (video wall, servers, operator stations).
- Central hub for data analytics, fault management, and system optimization.