ENERGY

Creation of solar power plant



Project location:

Samarkand region, Koshrabad district, Koshrabad terr.



Project cost:

\$40.4 million



Annual market need:

104,5 million KWt/hours



Production capacity (per year):

50,0 mWt



Project payback:

10 years



IRR (fin):

12,1%



Jobs created:

10 people



NPV (fin):

\$1,6 million



Project implementation period:

24 months



Establishment of a wind farm on land allocated by the Kungrad district



Project location:

Republic of Karakalpakstan, Shumanay district, Diykhanabad VGC



Project cost:

\$28 million



Annual market need:



Production capacity (per year):

13 mW



Project payback:

48 months



IRR (fin):

34%



Jobs created:

50 people



NPV (fin):

\$31,8 million



Project implementation period:



Kambarota 1 HPP construction project in Kyrgyzstan



Project location:

Ravatkhodzha region



Project cost:

\$2,9 billion



Annual market need:



Production capacity (per year):

1860 MWt



Project payback:



IRR (fin):



Jobs created:



NPV (fin):



Project implementation period:



Coal production from Sanjar coalfield



Project location:

Surkhandarya region, Boysun district, Inkabod MFY



Project cost:

\$30,0 million



Annual market need:

5,06 million tons



Production capacity (per year):

30,000 tons



Project payback:

48 months



IRR (fin):

18%



Jobs created:

50 people



NPV (fin):

\$2,2 million



Project implementation period:

12 months



Biological production of diesel fuel



Project location:

Navoi region Khatirchi district



Project cost:

\$20 000 000



Annual market need:



Production capacity (per year):

Biodiesel 21 500 tons Glycerol 3 500 tons



Project payback:

108 months



IRR (fin):

11,5%



Jobs created:

150 people



NPV (fin):

\$1 410 944



Project implementation period:

12 - 24 months



Creation of a biotechnological cluster using renewable energy sources



Project location:

Tashkent region



Project cost:

\$500 million



Annual market need:



Production capacity

\$200 million



Project payback:



IRR (fin):

11%



Jobs created:



NPV (fin):

\$20 million



Project implementation period:

65 months

