



Farab



Hydro Power Plant Projects (Executed Projects - 9637.4 MW)

- Karkheh HPP - 400 MW
- Karun 1 HPP - 1000 MW
- Masjed-e-Soleyman HPP - 1000 MW
- Karun 3 HPP - 2000 MW
- Extension of Masjed-e-Soleyman HEPP - 1000 MW
- Karun 4 HPP - 1000 MW
- Kouhrang HPP - 39.3 MW
- Lavarak HPP - 47 MW
- Shahid Rajaee HPP - 13.5 MW
- Tana HPP (Kenya) - 25 MW
- Sangtudeh 2 Dam and HPP (Tajikistan) - 220 MW
- Upper Gotvand HPP - 1000 MW
- Siah Bishe HPP - 1000 MW
- Seymareh HPP - 480 MW
- Shahryar Dam (Hydromechanical Equipment)
- Azad HPP - 10 MW
- Kindaruma HPP (Kenya)
- Terem HPP (Kenya) - 5 MW
- Daryan HPP - 210 MW
- Sardasht HPP - 150 MW
- Deralok 2 HPP (Kurdistan Region - Iraq) - 37.6 MW

(Under Execution Projects - 884 MW)

- Khoda Afarin HPP - 102 MW
- Gavoshan HPP - 4.6 MW
- Azad PSPP - 510 MW
- Megri Hpp (Armenia) - 100 MW
- Uma Oya Multipurpose Project (Sri Lanka) - 120 MW
- Yala1 HPP (Kenya) 10 MW
- Esteghlal Tunnel Facilities (Tajikistan)

Thermal Power Plant Projects (Executed Projects 1900 MW)

- Siri GTPP (26 MW) - IRAN
- Ilam Petrochemical Complex OCPP & HRSG (120 MW) - IRAN
- Abadan OCPP & HRSG (210 MW) - IRAN
- Shirkooh CCPP (484 MW) - IRAN
- AISadder GTPP (320 MW) - IRAQ
- Parsian GTPP & Substation (120 MW) - IRAN
- Dalahoo CCPP (620 MW) - IRAN

(Under Execution Projects 4179 MW)

- Dalahoo CCPP (293 MW) - IRAN
- South Pars Central CCPP (500 MW) - IRAN
- Shahroud CCPP (160 MW) - IRAN
- Ghayen CCPP (320 MW) - IRAN
- East of Isfahan CCPP (968 MW) - IRAN
- Khorramabad CCPP (1008 MW) - IRAN
- Tehran 2 (varamin) CCPP (930 MW) - IRAN
- Medium-scale Power Plants: Khatam, Shush, and Dorood – BOP Construction Project
- Construction of Two Dual-Fuel Boilers at Khuzestan Green Paper Mill
- Electricity Sales from Expansion Turbine Generation at Shahid Montazeri Power Plant in Isfahan for Cryptocurrency Mining
- Electricity Sales from Expansion Turbine Generation at Ramin Power Plant in Ahvaz for Cryptocurrency Mining



Oil, Gas and Petrochemical (Executed Projects)

- Phase 3 of Pardis Petrochemical Complex (Utility & Ammonia Units)
- Nar Gas Compressor Station
- Bandar Abbas Gas Condensate Refinery Project
- South Pars Phases 22, 23, and 24
- Khark NGL – Utility Units
- Al-Sadr Gas Power Plant Pressure Reducing Station (Iraq)
- Varavi Gas Compressor Station
- Kangan Gas Compressor Station
- Utility and Offsite Units of Bushehr Petrochemical Complex
- Electricity and Steam Production Units of Ilam Petrochemical
- Parsian Gas Compressor Station
- Phase 1 Development of Kish Gas Field
- Oil Production Unit – Sefid Oil Field
- Reconstruction of Basra Crude Oil Storage Tank
- Construction of Storage Facilities and Gas Condensate Metering Stations in Asaluyeh

(Under Execution Projects)

- Renovation and Modernization of Forouzan Offshore Platforms – EPC Method
- Construction of Iran LNG Sweetening Units – EPC Method
- EPC of Sour Crude Oil Pipeline (Sabzab Rey)
- EPC of Normal Hexane Solvent Unit – Tehran Refinery
- EPC of Paydare Gharb and Aban Oil Field Development
- Construction of Siraf Methanol Complex – Execution Phase
- EPC of Processing Units – Bandar Abbas Refinery
- Investment & Construction of Associated Gas Collection Complexes in Masjed Soleyman Oil Fields

Civil (Executed Projects)

- Water Transfer Tunnel from Azad Dam to Qorveh Plain (10860 m)
- Ordubad Dam (Azerbaijan)
- Thermal Power Plant Construction Projects (Shirkouh, Dalahu)
- Construction & Installation of Hydromechanical Equipment (Shahriar Dam)
- Construction of Dam & Hydropower Plant – (Sangtudeh 2)
- Construction of Kindaruma Hydropower Plant

(Under Execution Projects)

- Construction of Second Lane of Kalar-Kifri Road
- Water Transfer from Persian Gulf to Shahr-e Babak Copper Complex
- Construction of Access Tunnels – Golgohar Iron Ore Mine No. 6
- Construction of 50,000 m³ Raw Water Reservoir – Jahan Foolad Sirjan Complex
- Surface Water Collection & Flood Control – Sungun River
- Procurement of Equipment for First Section of Second Module – North Kish Wastewater Treatment Plant
- Construction of Two RCC Dams – Uma Oya (Sri Lanka)
- Construction of Esteghlal Tunnel Facilities (Tajikistan)
- Construction of Part of Masjed Soleyman–Godar Highway
- Razan Gas Compressor Station

Water

- Kish Water & Wastewater Treatment
- Qeshm Desalination Plant (Capacity: 10,000 m³/day)
- Bandar Abbas desalination plant (100000 m³/day)
- Utility & Process Units – Persian Gulf Star Refinery (Capacity: 12,000 m³/day)



- Lavizan Wastewater Treatment (86000 m³/day)
- South Pars Central CCPP desalination plant (8000 m³/day)
- Water supply and transmission from Oman Sea to eastern provinces of Iran

Rail (Executed Projects)

- Urban Underground Pass of Tehran - Tabriz Railway
- Golshahr - Hashtgerd Urban Railway / (Implemented)
- Construction Part of Kermanshah Urban Railway Tunnel / (Implemented)
- Tehran - Parand Urban Railway Line (Imam Airport)
- Maintenance and Repair of part of the Equipment of Tehran Metro Line 3
- Maintenance and Repair of part of the Equipment of Tehran Metro Line 5

(Under Execution Projects)

- Mashhad Metro Line 2
- Tehran Metro Line 7
- Qom Metro Line A
- Shiraz Metro Line 2

Operation and Maintenance (3614 MW)

- Sangtuda 2 HPP (Tajikistan) - 220MW
- Shirkouh Yazd CCPP - 484MW
- Azad HPP - 10 MW
- Seymareh HPP - 480 MW
- Upper Gotvand HPP - 1000 MW
- Daryan HPP - 210MW
- Sardasht HPP - 150MW
- Dalahoo CCPP - 620MW
- Roodbar Lorestan HPP – 440 MW

Renewable Energy Projects

- 10 MW Solar Power Plant – Ashkezar (BOO-EPC)
- 10 MW Solar Power Plant – Ardakan (EPC)
- 10 MW Solar Power Plant – Zahedan (EPC)

Smart Water & Energy Management Projects

- Boushehr AMI Project (200000 Metering Points)
- Zanzan AMI Project (200000 Metering Points)
- Design & Manufacturing of Smart Meter Modems (Electricity)
- Conversion of Cooling Systems in Direct Reduction Units – Mobarakeh Steel Co. – to Hybrid Systems
- Collection of Associated Petroleum Gas – Masjed Soleyman, Haft Shahr, Rag Sefid Fields
- Construction of a Biomass Power Plant Using the Digester Method (BOT-EPC)
- Design & Execution of Dalahu CCPP Eslamabad-e-Gharb (BOT-EPC)

Company Profile

Farab Company is a pioneer and reputable multi-discipline general contractor, operator, investor and producer of technological products involved in Iran and overseas projects. Farab started its activities in 1992 as the main contractor in the fields of design, procurement, construction, installation and commissioning the hydro power plants. In this respect, Farab has designed, manufactured, installed and commissioned more than 86 units of hydro turbine-generator together with all their pertinent ancillaries / auxiliaries with the total capacity of around 16500 MW during the last two decades. After obtaining its prosperous experiences in successful implementation and commissioning hydro power plants, the company expanded its domain to thermal power plants, railway industry and civil infrastructures, oil, gas and petrochemical plants, energy management and renewable energies, mining, smart grids and smart metering systems.

Farab has executed the E&M parts of more than 140 km Iran urban railway projects in the last 10 years. Farab Group, by relying on its technological and technical capabilities and with other international consultants, contractors and suppliers, have been turned into one of the strongest contractors in the region. In continuation of its powerful presence in local markets and in order to continue its sustainable progress, Farab has developed its activities to overseas markets including Africa, South East Asia, Middle East, Eurasia and CIS countries.

In line with Farab's never-ending successes, Farab Company has achieved the exemplary exporter of the year reward in Iran over the past 9 years. Last not the least, Farab group collaborates with its stakeholders to create sustainable values and form a better life by implementing huge capital infrastructure projects at the world-class level.

Field of Activities

- Power
- Oil, Gas & Petrochemical
- Rail
- Operation & Maintenance
- Water
- Civil
- Smart Water & Energy Management
- Renewable Energy



Achievements

- 99% of the total installed capacity of Iran's hydropower plants since 1995 completed
- Design, construction, and installation of the first Iranian hydro turbine and governor – Azad HPP
- National Exemplary Exporter of Engineering Services (2009, 2010, 2011, 2013, 2014)
- Top Exporter of Engineering Services – (2016, 2017, 2018, 2019)
- Only “Outstanding Exporter” in Iran's Water & Power Sector – 2016 (by Ministry of Energy)
- Obtaining the Export Honor Medal in 2019
- Ranked 1st in Engineering Services Productivity – 2012 (4th National Productivity Festival)
- Top Company in Engineering Services – 2020 (National Engineering Day)
- Ranked 2nd among Top Contracting Companies in Iran – 2018
- 2nd National Renewable Energy Award – 2020

