

### focus on QUALITY

Our top priority remains complete client satisfaction. Stakeholder interest remains in constant focus. Have won widespread recognition for quality and caliber of our services over the years - backed by expert management systems in line with ISO 9001. From the very outset of every project we work closely with our clients to tailor our services to their exact requirement and deliver the project with highest possible standards.

Demonstrating our complete and total commitment to quality and client satisfaction at the threshold of repeat business.

### we DELIVER

- Innovation
- Sustainable Solutions
- Excellence
- Partnership for Success

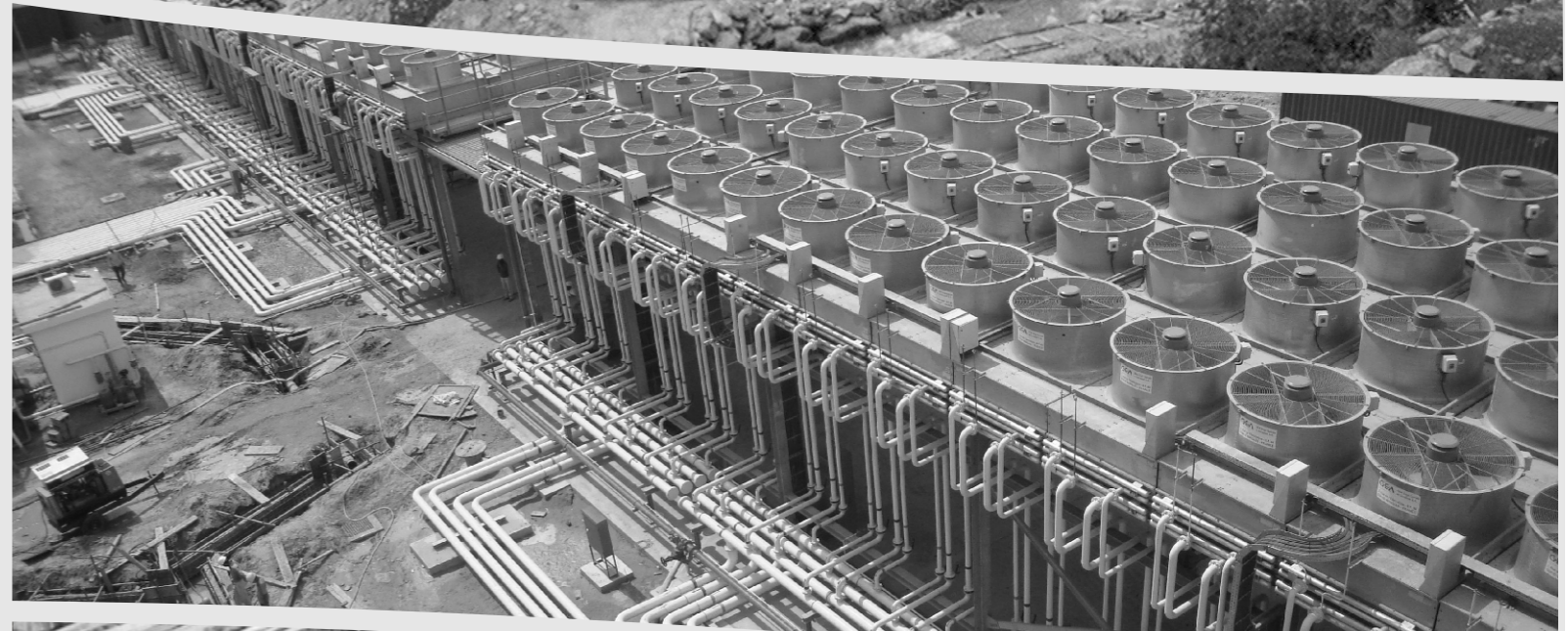
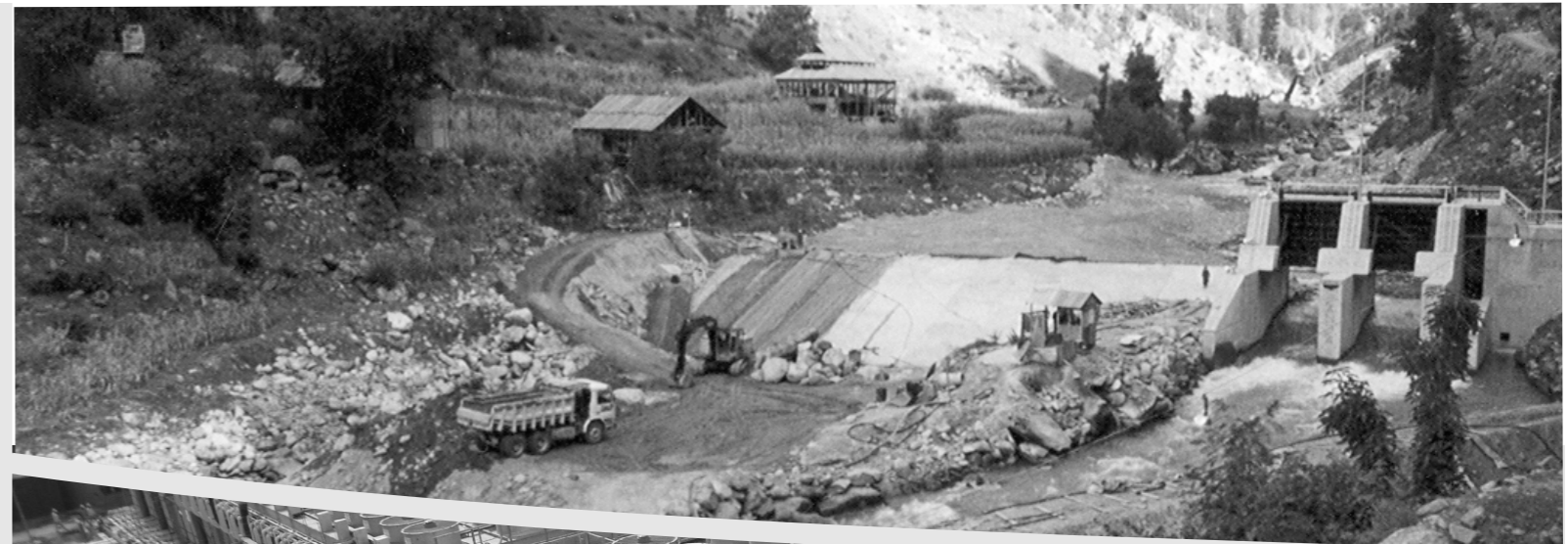
### we are DIFFERENT

- Multi sectoral and multi skill
- Local but with global experience
- Leading in International standard Safety measures
- Give primacy to Stake Holder Interest

### how we make a DIFFERENCE?

- One of Pakistan's leading engineering management consultancy.
- Engaged in development and influencing diverse aspects of everyday life from transport, industry and utilities to water and environment.
- Company with over 700 staff members equipped with strong values, structure and systems support.
- Our in-house expertise and resources cover full spectrum of engineering and associated disciplines.
- Our integrated quality assured one-stop services to clients from concept stage to completion.
- We comprehend client and stakeholder needs, add value to their business through our solutions and deliver projects with efficiency.

220 MW Korangi Power Plant



# Power

We offer one stop consultancy in Power Sector both in Hydro & Thermal from conception to completion. Our capability continues to be available for country's development initiatives through program & project management services.

Our truly multisector, multi skilled capability enables us to put together the right team for every power project of any size.

The corner stone of our practice is the cost effective services without compromising on the qualitative aspects of the project.

Our majority experience is through our partnership on projects with International Consulting Group (MML).



**WE ARE PROUD TO RENDER SERVICES ON WORLD RENOWNED PAKISTAN'S LARGEST TARBELA DAM 4th EXTENSION**

Increasing power output from Tarbela by 1.35 GW-nearly 400MW more than initially thought feasible using existing water resources. Careful attention to the length, size and geometry of pipelines connecting to a new hydropower station at Tarbela Dam is enabling 40% more electricity to be generated than originally envisaged. Also designing a US\$ 700million project to harness the energy from irrigation water supplies released from the dam. Our solution minimizes energy losses and thanks to that we are able to incorporate three 450MW turbine and generator units in the powerhouse instead of the two 480MW units originally envisaged. We are providing services to MM led consortium for this assignment.



We provided Project Management, Construction Supervision and design review services for the Karachi Electricity Supply Company KESC for a **220 MW combined cycle generation plant** in Karachi. The Power plant was built to address a critical energy shortage in the area and now supports the area to ensure a continuous power supply.

**TARBELA DAM 5TH EXTENSION**



We have recently been involved in for further additional augmentation of Tarbela Dam generation. MMP being local partner to Mott Macdonald consortium for 1410MW Feasibility Study and Detailed Design for conversion of 5th irrigation outlet into a power scheme by utilizing the spilled water.

Punjab Power Development Company (PPDCL) intends to install identical **Coal based power plants each having capacity 110MW** at Industrial estates in Sunder and Faisalabad to ensure continuous and un-interrupted power supply to industries to boost up industrial production. MMP has been contracted for Feasibility Study, EIA reports, Preparation of PC-1, Tender & contract documents, Construction supervision, testing and commissioning of projects.



Keeping in view the current energy situation of the country we have recently completed fast track Feasibility Study on time for this first Coal project for Govt. of Punjab.

The **Jagran Hydroelectric project** is located in the almost inaccessible dramatically beautiful but hostile environment of the Neelum valley in AJK. the project is of the paramount importance to the AJK Government which needs to increase power generation and encourage the Socio-economic and cultural development of the area.

MMPakistan, with assistance of Mott Macdonald has undertaken the project management, design review and construction supervision of the 30mw run of river, underground power plant which include five 6 MW Pelton turbines rated at a net head of 244m.

**HYDRO**

We have a proven ability to manage fast track projects with Wapda, country's largest Hydropower client. We take pride in every project, no matter the size.

We possess impressive hydro track record and our services ranging from inception to completion stage of hydro schemes.

We seek to deliver innovative, inclusive, safe and sustainable solutions with a net positive, social, environment and economic impact.

Project	Services
7200 MW Bunji Hydropower	Feasibility Study, Detailed Design & Tender Documents
Tarbela 4th Extension Hydropower	Detailed Design, tender Documents, PC-1, Construction Design & Supervision, Project Management & Contract Management
83 MW Kurrum Tangi Hydropower	Detailed Design and Construction Supervision
Tarbela Sediment Study	Surveys & Studies (Environmental, Geological & Seismic)
Satpara Dam	Detailed Engineering Design

**Working with Private Sector**

The first Independent Power Project (IPP) staff feasibility study of **Sukki Kinari Hydropower Project** was completed in 2008. The proposed dam site of 840 MW Suki Kinari hydropower project is located about 3 km upstream of Kaghan town in Mansehra district. The proposed project consists of concrete dam to supply water to an underground power station through a 7 m diameter tunnel. Two alternative schemes have been proposed for the location of the dam.

The **7200MW US\$8 billion BUNJI Hydropower** project on the Indus river with relatively low environmental impact and carbon release, makes a very significant contribution to overcoming current energy shortage in the country.

The total construction period of the project is estimated to be 7.5 years. We provided local technical team as consortium partner with MM to produce Feasibility Study and design.

Our proposed design increased the output capacity of the dam from 5400MW to 7200MW, which will operate through 560m long underground power station. The height of the RCC dam will be 190m.



**THERMAL**

RFP Preparation, Evaluation of Bids & Contract Award	KESC 560 MW Bin Qasim	UCH-II RFP Preparation	We have necessary resources to contribute alongwith International inputs in Thermal, Coal, Transmission & Distribution.	
Design Review, Project Management / Construction Monitoring	HUBCO - Narawal 213 MW Power Project	KESC 220 MW extension at Korangi	Total solutions to all Power projects through our locally tailored services. We provide services as Owner's and Lender's engineers as per client requirements.	
Lender's Engineer / Technical Audits/ Analysis	National bank of Pakistan 135 MW Japan Power Project 1292 MW HUBCO 117 MW SEPCOL	ENGRO Energy Thermal Analysis of 225 MW EPC documentaiton	KESC 225 MW Korangi Due Diligence	TAPAL Tender's technical review - 160 MW project

**213.6 MW Diesel engine Hubco power plant** is now commercially operating and supplying much needed electrical power to national grid system, it is evident that plant has greatly established the region's electricity supply and reduced the frequency of load shedding in the immediate area.

We provided OE services in association with Mott Macdonald in the second phase of the project.

