

IGS MC IS PLEASED TO ANNOUNCE WEBINAR ON RISKS AND MITIGATION IN DEVELOPMENT OF HYDROPOWER PROJECTS

Date: June 13, 2021 (Sunday), 4:30 PM (IST)

Weblink:

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Number: 184 748 8468

Password: suV2dyu5Jw7

Speaker



Mr. Ajay Chaudhary

**Account Leader, Hydropower
Mott MacDonald UK**

About the presentation:

Hydropower is a sustainable source of renewable energy and is part of the solution to climate change. However, the development and construction period of a hydropower project is very long and therefore it is very challenging to finance them. The International Financial Institutions (IFIs) that typically finance hydropower projects as lenders have a mandate to achieve positive measurable sustainable outcomes on a project. The role of the Lender's Engineer is possibly of an arbitrator enabling them to accomplish that objective by harnessing the healthy tension between the sponsor and the lenders regarding their approach to project development, construction and operation and perception of risks. The resulting project updates that are considered and agreed results in not only realising a successful project but also achieve positive outcomes for both the sponsor and the lender.

IGS Mumbai Chapter



Mumbai Chapter

The presentation will focus on the anatomy of key technical including significant geological/geotechnical risks that need to be very well understood, E&S risks as well as the governmental and financial risks in the financing of a hydropower project. The lender's perspective and the approach that should be taken to effectively mitigate the risks for hydropower development will also be discussed.

About the speaker:

Ajay Chaudhary holds B.E. degree in Civil Engineering (IIT Roorkee) and M.Tech. in Water Resources Engineering (NIT Kurukshetra). He is a member of the Mott MacDonald Hydro management team with over 25 years' international experience in the hydropower sector. Particularly responsible for leading the development and commercial management of the hydropower business for South Asia, Europe, Africa and the Americas.

Ajay has facilitated Financial Close of many greenfield hydropower projects with total installed capacity of the order of 1.5GW. He has knowledge and understanding of all aspects including technical, environmental and social, contractual and permitting related to generation, transmission and distribution during the development and operation of hydropower projects. He has undertaken project and design management roles with multi-disciplinary and multi-cultural teams engaged on major hydropower projects internationally from pre-feasibility, construction supervision to operation.

Ajay is deeply familiar with thermal, wind, solar and other renewable power generation technologies. Countries of work experience include UK, India, Iceland, Spain, Turkey, Georgia, Uganda, DR Congo, Cameroon, Sierra Leone, Gabon, Ivory Coast, Ukraine, Madagascar, Brazil, South Africa, Nepal, Afghanistan, USA, Russia, Ghana, Qatar, Laos, Peru, Colombia, Panama and Zambia.

Prof. Ashish Juneja
(Secretary)