

TITLE Potential and Present Extent of Hydro-Electric and Fuel Power Development in China.

DEFINITION OF TOPIC

To include both engineering and economic studies of the resources & potential development of China's electric resources, as a means towards her industrialization and better utilization of labour power. It would involve (a) Investigation of river flows, potential conservation of flood waters, ^{and navigation (aa) integration of} integration with irrigation projects, (b) Analysis of costs both of construction, maintenance, transmission and distribution (c) Analysis of potential demand in industry, domestic and municipal use, traction etc (d) estimates based on ^{local} population trends of future absorption of such power at economic rates of the sections (c) & (d) are purely economic, while (b) would require collaboration with engineering investigation, and (a) ^(aa) would be largely engineering.)

PURPOSE & NEED OF INVESTIGATION.

From the experience of other nations in modern industrial competition, China's future industrialization must depend to an ever increasing extent on her ability to multiply human effort with mechanical processes, this in turn depending upon cheap and abundant power. This is becoming increasingly evident in Metallurgical and Electro-Chemical industry. The absence of forest resources in China renders ^{the development of} this division of industry even more vital, when a central government with the power to enforce law and order is established in China. Incidentally it is a *sine qua non* of rising standards of living, and increased trade, as well as of solving her problem of over-population, and thus should fit in with the purposes of the Institute of Pacific Relations.