

ABSTRACT

This research aims to analyze the barriers and challenges in developing Indonesia's first Pumped Storage Hydropower Plant, focusing on a case study of PLTA Pumped Storage Upper Cisokan under PT PLN (Persero). The research employs a qualitative method with a case study approach. Data is collected through in-depth interviews with key project stakeholders at PT PLN (Persero) Unit Induk Pembangunan Jawa Bagian Tengah (UIP JBT). Data analysis techniques used in this research are data reduction, coding, and data display. The conclusion drawing method is through descriptive narrative.

The research findings indicate that the primary barriers and challenges in developing PLTA Pumped Storage Upper Cisokan lie in the technical aspects, particularly the dynamic changes in construction design during the development process. These changes stem from various external factors such as geological conditions and government regulations. Non-technical barriers include complex project financing and funding requirements that must be met to ensure continuous financing.

Keywords: *barriers and challenges, qualitative method with case study, Indonesia's first pumped storage hydropower plant*

