Title : Performance Index Management System for Hydropower Plants

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✓ **Cooperative Education**

ABSTRACT

This project aims to develop and enhance the data visualization system for the Performance Index (PI) of the Bhumibol Dam Hydropower Plant, Electricity Generating Authority of Thailand (EGAT). The existing system code has been upgraded to support data provided by the operation team, along with the design and development of a dashboard that presents information in graphical formats that are easy for management to interpret. In addition, an A performance index has been designed to enable data integration across different departments within the organization, ensuring systematic and efficient data management. The outcomes of the project contribute to faster data accessibility, reduced workload in report preparation, and more effective managerial decision-making.