

AIMS

Advanced IPP Management Solutions

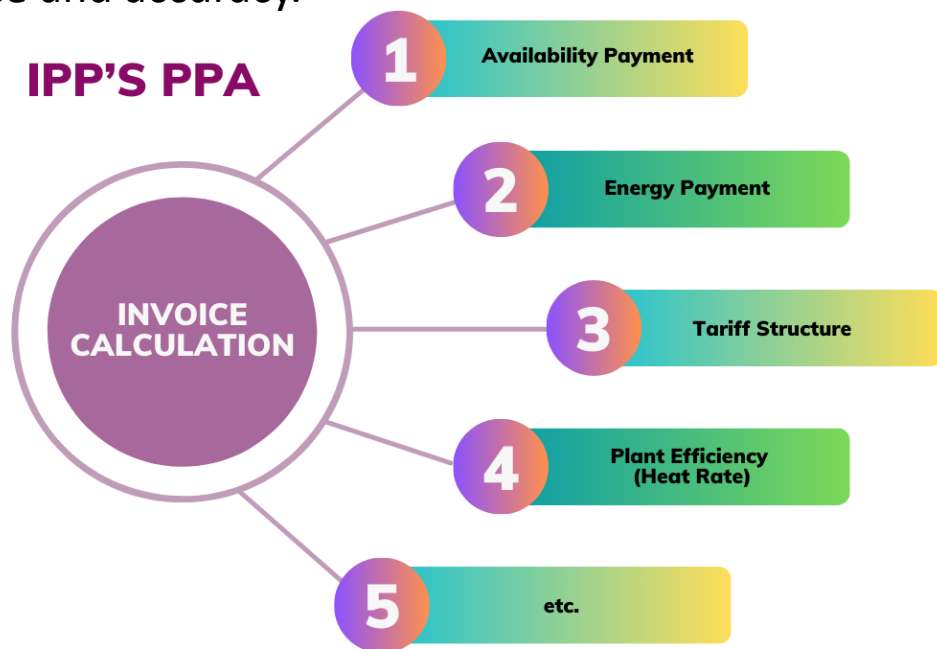


Power Purchase Agreement Division



INTRODUCTION

Electricity billing for Independent Power Producers (IPPs) in Thailand is a challenging task, complicated by the intricate structures of Power Purchase Agreements (PPA). These agreements include diverse tariff models, complex regulatory requirements, and various contract types that demand precise, accurate calculations. Traditional methods of managing IPP billing are often prone to errors, time-consuming, and require substantial manual effort to ensure compliance and accuracy.



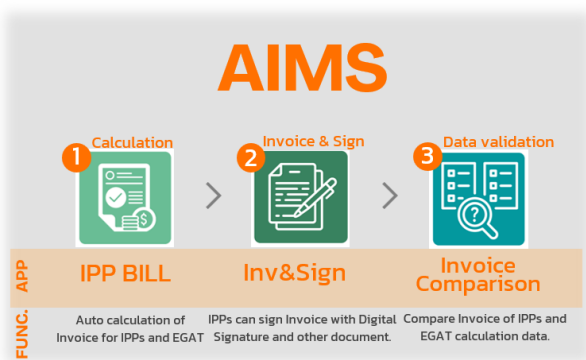
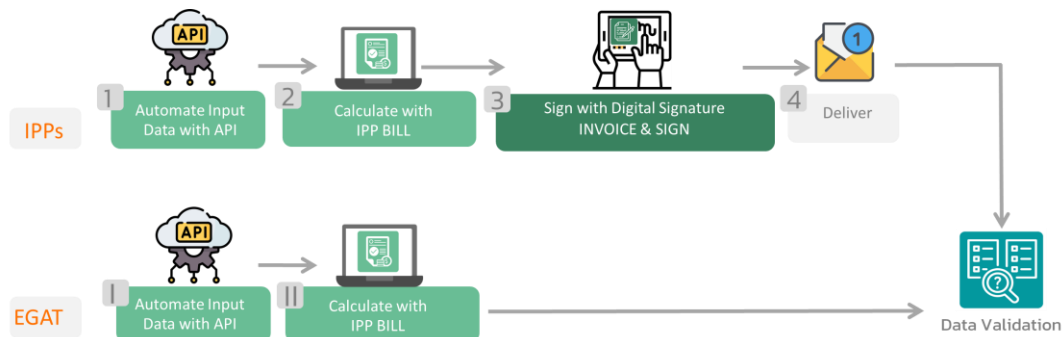
To address these challenges, our platform offers a unified solution that automates the calculation of electricity bills for IPP PPAs, consolidating the many unique elements of these agreements into a single, efficient system. Our platform streamlines processes, enhances accuracy, and reduces the administrative burden associated with PPA billing in Thailand's energy sector. This innovative tool empowers energy companies and regulatory bodies alike, paving the way for transparent, compliant, and error-free billing.



CONCEPTUAL DESIGN

Centralized Platform for Streamlined IPP Contract Management

The **Advanced IPP Management Solutions (AIMS)** platform is a digital, centralized solution created to simplify and unify the management of PPAs between IPPs and EGAT (Electricity Generating Authority of Thailand). The platform addresses key challenges in data handling, process redundancy, and error reduction by automating and standardizing contract-related tasks.



Unified Data Flow: AIMS combines data from multiple sources into a single, cohesive platform, ensuring that all contract data is accessible in one place and organized systematically.

Automated Data Integration:

Leveraging API connections, AIMS automates the entry and transfer of IPP data, reducing the risk of manual input errors and saving significant time in data processing.

Comparison Tools: To further ensure accuracy, AIMS includes a feature that compares billing data from IPPs and EGAT, supporting error detection and data validation.

Digital Billing and Signing:

- IPP BILL Module: Calculates monthly purchase values based on contractual rates, streamlining the billing process.
- Inv&Sign Module: Enables secure, digital signatures for official documents, replacing traditional paper-based approval methods.



RESULTS AND BENEFITS

Efficiency Gains

- 90% reduction in process steps and 30% time savings in document handling.

Paperless Operations

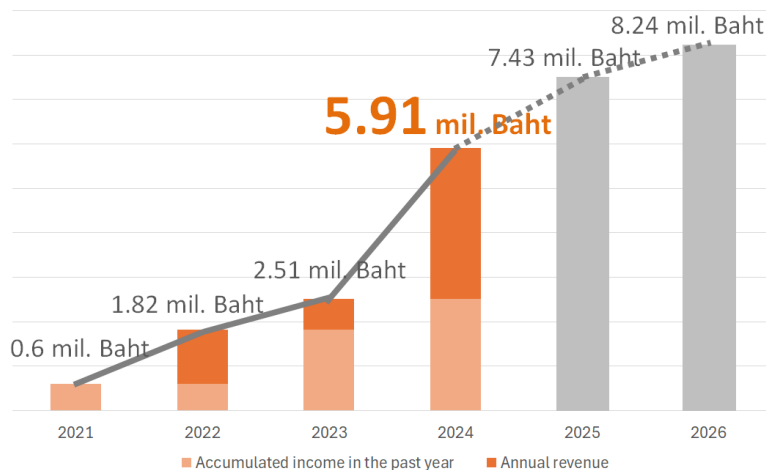
- The complete digitization of workflows has led to a 100% reduction in paper usage

Revenue Generation

- The AIMS platform, as a subscription-based solution, has already generated 5.91 million Baht in accumulated revenue as of 2024.

Emphasis on ESG Impact for Thailand

- **Environmental:** Zero paper usage and a reduced need for travel between IPP and EGAT offices contribute to Thailand's green goals.
- **Social:** Improved access to accurate and timely information empowers stakeholders and strengthens trust in energy management.
- **Governance:** Transparent, digital processes reduce human error and improve compliance with regulatory standards.



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AWARD

Excellence Prize, EGAT
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