

RIPBAM OVERVIEW



ABS Group's RIPBAM services can help increase operational performance and profitability

ABS Group's risk-informed performance-based asset management (RIPBAM) services apply state of the art decision analysis tools and techniques to issues impacting the financial performance of power plants, while simultaneously taking into consideration safety and other constraints.

The RIPBAM methodology reviews historical plant performance and predicts performance indicators that support critical plant and corporate management decisions regarding change management.

RIPBAM generates probabilistic predictions of performance measures (such as projected earnings or net present value) so that managers can determine "confidence levels" in their critical decision-making processes.

Key features of RIPBAM include:

- Determination of asset value for plant equipment and processes
- Structured, systematic process for incorporating risk informed performance-based insights into prudent change management
- Applies "constraint performance measures" (i.e., safety) in addition to profitability



- Identification of potential "win-win" changes; i.e., reductions in O&M cost, reduction in revenue losses and increased profitability, while maintaining safety
- Equipment LCM planning at the plant level
- Optimized asset allocation for plant improvement
- Potential increase in net power generation per year at lower cost
- Experienced decision support for plant change decisions.

- Incorporates uncertainty analysis to aid in decision-making.

Our experience and expertise in RIPBAM technology are built on a strong foundation of plant knowledge and extensive evaluations of plant systems. We have been applying RIPBAM methodology and tools to assist clients in the utilities industry to optimize performance and minimize the financial risks resulting from the operation and maintenance of plants and systems.



Questions?

Contact us for more information on how ABS Group can help improve the safety, risk and reliability of your nuclear plant operations

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