Adapting Contemporary Decision Tools to Inform the Department of Energy’s Investment Strategy

Kacy Gerst, S.M. in Management and Engineering, SDM Program (expected in 2011)
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Related Publications
Gerst, K., Rhodes, D., Ross, A., Adapting Contemporary Decision tools to Inform the Dept of Energy’s Investment Strategy, Systems Design and Management Pulse, Fall 2010

Improving Portfolio Design through Tradespace Techniques and Epoch-Based Thinking

Improving the Portfolio Selection Process
Multi-Attribute + Climate Model

The DOE Faces Diverse and Enormous Challenges....

Loan Guarantee Program - Using RO to Improve Project Selection & Valuation
Example: Two next-gen Biofuel companies looking for a Loan Guarantee to jump-start commercial scale production.

When could RO be utilized in Loan Guarantee’s current Process?

Implications of Real Options Analysis to R&D Strategy Formulation

Using Options Thinking to Improve DOE's High-Level Strategy

NASA Example – Augustine Report

For more information, please visit: http://seari.mit.edu

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