



MORS Power and Energy Workshop *Synthesis WG*

Chair – Mr. Dennis Baer

Nov 30 – 3 Dec 2009



Synthesis WG Purpose/Focus

1. Provide common finding, recommendations, and opportunities/actions amongst all working groups
2. Provide any independent insights
3. Provide integrated summary



Synthesis WG Approach

- One synthesis member per working group
- Compilation of findings synthesized at end of day – report to WG chairs and workshop chairs
- Synthesis provided at brief out and report



Synthesis WG Members

Working Group	Member
1 - Analysis and Valuation	Mr. Dennis Baer
2 - Science and Technology (S&T)	Mr. Jim Henderson
3 - M&S for Campaign Analysis	Mr. Tim Hope
4 - M&S for Systems Engineering	Ms. Trena Lilly
5 - Installation Energy Issues	Mr. Rafael Matos

Note: Ms. Chris Fawcett roamed amongst all groups.



Findings

<u>WGs Involved</u>	<u>Findings</u>
1, 2, 3, & 4	<ul style="list-style-type: none">•Lack of common data structures / methodologies/scenarios•Should have OSD and Joint staff support and involvement
1 & 4	Lack of common understanding of FBCF (E) and Energy KPP
1, 2, & 3	Lack of understanding of trade space between mission effectiveness (assurance) and P&E efficiency. This includes both operational and technical risk.



Recommendations

<u>WGs Involved</u>	<u>Recommendation</u>
1, 3, and 4	Develop standardized methodology framework, definitions, metrics, databases, & scenarios/mission profiles.
2, 3, and 4	Develop Joint Community of Interest (COI) and include OSD/Joint Staff involvement and incorporation into analytic agenda
1, 3, and 4	Standardize elements of Fully Burdened Cost of Fuel (FBCF) and FBCF energy Key Performance Parameter (KPP)



Opportunities/Actions

Immediate/Long-Term

<u>WGs Involved</u>	<u>Immediate Opportunity/Action</u>
1, and 4 3 (long-term)	Community of Interest / Practice (MORS or Collaboration Site)
1, 2, and 4 5 (long-term)	Interagency, Joint, or OSD support

<u>WGs Involved</u>	<u>Long-Term Opportunity/Action</u>
1, 3, and 5	Standardized definitions, mission profiles, scenarios, and methodology

Summary

- Interagency and inter-service collaboration must increase to enhance governance, policies, and procedures
- Balance Power & Energy performance/effects with combat effectiveness
- Working Group (WG) 5 Installations findings/recommendations were less common with the other WGs, because WG5 was the only group whose objective were more specific in nature.