EFCOG Risk Management Survey

This survey is being conducted by the EFCOG Project Management Working Subgroup, Risk Management Task Team.

The Energy Facility Contractors Group (EFCOG) is a self-directed group of contractors of U.S. Department of Energy (DOE) facilities. The purpose of the EFCOG is to promote excellence in all aspects of operation and management of DOE facilities in a safe, environmentally sound, secure, efficient, and cost-effective manner through the ongoing exchange of information and corresponding improvement initiatives.

The goal of this survey is to gather data which will help guide EFCOG in developing recommendations to DOE and to also identify problem areas where new initiatives can be launched to investigate, evaluate and recommend solutions.

The Risk Management Task team will assemble the data and provide each participant in the survey, summary level results to all of the questions. These summary level results will be helpful to each participant in understanding the current trends within the DOE Complex.

This survey targets the following topical areas:

- Types of Risk Management Software currently in use
- Processes used for developing and handling Management Reserve (MR)
- Processes used for developing and handling Schedule Reserve (Schedule Margin)
- Handling Operational Vs Capital Funding on Capital projects

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Please enter your details below:

Site	
Company	
Name (optional)	
Contact info (optional)	

CONTEXT

Please check the Risk Management Process(es) applicable to your activities:

☐ **Enterprise Risk Management**
☐ **Business Risk Management**
☐ **Program Risk Management**
☐ **Capital Asset project Risk Management**
☐ **Non-Capital Asset project Risk Management**
☐ **Operational Activity Risk**
☐ **Other (please describe)**

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Which best describes your contract?

☐ **FAR-Based**
☐ **M&O**
☐ **Other (please describe)**

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Do you utilize an EVMS process?

○ **Yes**
○ **No**

If Yes, is your EVMS System currently certified?

○ **Yes**
○ **No**

RISK MANAGEMENT SOFTWARE

Which software application is used for your Risk Register?

☐ **Microsoft Access**

☐ **Active Risk Manager (ARM)**

☐ **Acumen**

☐ **Deltek**

☐ **@Risk**

☐ **Excel**

☐ **Other (please list)**

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Overall, how would you rate your Risk Register software?

○ **Does not always meet my needs**

○ **Meets my needs**

○ **Always meets and consistently exceeds my needs**

List "Pros" of your Risk Register software?

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List "Cons" of your Risk Register software?

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Do you perform a single integrated risk and uncertainty analysis including both cost and schedule?

○ **Yes**

○ **No**

If Yes, which software is used for your cost and schedule integrated analysis?

- ○ **Acumen**
- ○ **Deltek**
- ○ **@Risk**
- ○ **Primavera Risk**
- ○ **Other (please list)**

[text box   ]

List "Pros" of your integrated cost and schedule analysis software

[text box   ]

List "Cons" of your integrated cost and schedule analysis software

[text box   ]

If not performing a single integrated analysis including cost and schedule,
Which software application is used for your discrete risk analysis (cost)?

- ○ **Active Risk Manager (ARM)**
- ○ **Acumen**
- ○ **Deltek**
- ○ **@Risk**
- ○ **Oracle Crystal Ball**
- ○ **Primavera**
- ○ **Other (please list)**

[text box   ]

List "Pros" of your discrete risk analysis (cost) software

[ ]

List "Cons" of your discrete risk analysis (cost) software

[ ]

If not performing an integrated analysis for cost and schedule, do you perform a combined analysis of discrete schedule risk and schedule uncertainty?

○ **Yes**

○ **No**

If yes, which software is used for you combined schedule risk and schedule uncertainty analysis?

○ **Acumen**

○ **Deltek**

○ **@Risk**

○ **Primavera Risk**

○ **Other (please list)**

[ ]

List the "Pros" of your schedule risk and uncertainty analysis software

[ ]

List the "Cons" of your schedule risk and uncertainty analysis software

[ ]

If you do not perform a combined schedule risk and schedule uncertainty analyis, which software application is used for your schedule uncertainty analysis?

○ **Active Risk Manager (ARM)**

○ **Acumen**

○ **Deltek**

○ **@Risk**

○ **Primavera Risk**

○ **Other (please list)**

List the "Pros" of your schedule uncertainty analysis software

List the "Cons" of your schedule uncertainty analysis software

If you do not perform a combined schedule risk and schedule uncertainty analyis, which software application is used for your discrete risk analysis (schedule)?

○ **Active Risk Manager (ARM)**

○ **Acumen**

○ **Deltek**

○ **@Risk**

○ **Primavera Risk**

○ **Othe (please list)**

List the "Pros" of your discrete risk analysis (schedule) software

List the "Cons" of your discrete risk analysis (schedule) software

Which software application is used for your estimate uncertainty analysis?

- ○ **Acumen**
- ○ **Deltek**
- ○ **@Risk**
- ○ **Oracle Crystal Ball**
- ○ **Excel**
- ○ **Other (please list)**

List the "Pros" of your estimate uncertainty analysis software

List the "Cons" of your estimate uncertainty analysis software

MANAGEMENT RESERVE

Contractor Management Reserve (MR) value

For your Capital Asset Projects, Management Reserve value is:

○ **Not Applicable (No Capital Asset Projects)**
○ **Calculated at agreed percentile (CL) and used without adjustment**
○ **Calculated by other method (please describe)**

[text box]

For your Non-Capital Asset Projects, Programs or Operations Activities, Management Reserve value is:

○ **Not Applicable (No Non-Capital Asset Projects, Programs or Operations**
○ **Calculated at agreed percentile (CL) and used without adjustment**
○ **Calculated at agreed percentile (CL), with some reduction for managem**
○ **Calculated, but reduced during alignment of budget with funding**
○ **Determined by management**
○ **Calculated by other method (please describe)**

[text box]

Contractor MR Spend Plan

For your Capital Asset Projects, a Management Reserve Spend Plan is:

○ **Not Applicable (No Capital Asset Projects)**
○ **Not developed**
○ **Developed and presented as a straight line**
○ **Developed using risks and uncertainties with regard to when they can**
○ **Developed by other methods (please describe)**

[text box]

For your Non-Capital Asset Projects, Programs or Operations Activities, a Management Reserve Spend Plan is:

○ **Not Applicable (No Non-Capital Asset Projects, Programs or Operations**

○ **Not developed**

○ **Developed and presented as a straight line**

○ **Developed using risks and uncertainties with regard to when they can**

○ **Developed by other methods (please describe)**

SCHEDULE RESERVE (MARGIN)

Contractor Schedule Reserve (Margin):

For your Capital Asset Projects schedule reserve (margin) is:

○ **Not Applicable (No Capital Asset Projects)**

○ **Calculated at agreed percentile (CL) and used without adjustment**

○ **Developed using other method (please describe)**

For your Non-Capital Asset Projects, Programs or Operations Activities schedule reserve (margin) is:

○ **Not Applicable (No Non-Capital Asset Projects, Programs or Operations**

○ **Calculated at agreed percentile (CL) and used without adjustment**

○ **Calculated at agreed percentile (CL), with some reduction for managem**

○ **Selected by management**

○ **Calculated by other method (please describe)**

Contractor Schedule Reserve (Margin) Cost

For your Capital Asset Projects schedule reserve (margin) cost is:

○ **Not Applicable (No Capital Asset Projects)**
○ **Calculated by using an estimated hotel load**
○ **Calculated by other method (please describe)**

For your Non-Capital Asset Projects, Programs or Operations schedule reserve (margin) cost is:

○ **Not Applicable (No Non-Capital Asset Projects, Programs or Operations**
○ **Calculated by using an estimated hotel load**
○ **Calculated by using an estimated hotel load, with some reduction for m**
○ **Calculated by using an estimated hotel load, but reduced during alignm**
○ **Calculated by other method of deriving schedule reserve (margin) cost**

Contractor Schedule Reserve (Margin) Use

For your Capital Asset Projects schedule reserve (margin) value is:

○ **Not Applicable (No Capital Asset Projects)**
○ **Shown in the project schedule as a milestone**
○ **Shown in the project schedule as an activity bar**
○ **Shown using other method (please describe)**

For your Non-Capital Asset Projects, Programs or Operations Activities schedule reserve (margin) value is:

○ Not Applicable (No Non-Capital Asset Projects, Programs or Operations

○ Shown in the project schedule as a milestone

○ Shown in the project schedule as an activity bar

○ Shown using other method (please describe)

[text box]

OPERATIONAL VS CAPITAL FUNDING FOR CAPITAL ASSET PROJECTS

Division of risk impacts (for Capital Asset Projects only)

Are operational cost impacts and capital funded cost impacts separately identified for each risk?

○ Yes

○ No

Are risks related to operationally funded project activities separated from those related to capital funded activities?

○ Yes

○ No

Is another method used to separate operational and capital risk impacts?

○ Yes

○ No

If "Yes" please describe

[text box]

Are separate operational and capital MR spend plans developed?

○ Yes

○ No

Is one integrated MR spend plan is developed?

○ **Yes**

○ **No**

Are there any unique risks you have encountered in balancing funding levels between operating costs and capital costs that you can share? (please identify)

GENERAL QUESTION

This EFCOG Risk Management Sub-task Team has been chartered to promote the sharing of Risk Management Knowledge and identification and resolution of emergent issues. Please add any additional information you may feel would be helpful to us (e.g. Risk managemet issues you may be encountering, Risk Management success stories etc,

Thank you for completing our survey.