

Mitigation Specific Modeling Inputs (ME Values Tab)

- Provides mitigation effectiveness values at driver/sub-driver level as applicable. Includes a discussion on the rationale/data sources used to develop the mitigation effectiveness values.
- Provides useful life and discussion on the rationale.

| Field Name | Field Description | Field Value Constraints |
|--|---|---|
| Control / Mitigation ID | The ID of the Control / Mitigation as it appears in the RAMP report. | Text (i.e. C1) |
| Control/Mitigation Name | The name of the control / mitigation as it appears in the RAMP report. | Text (i.e. Targeted Undergrounding) |
| Useful Life | The value used for the useful life of the applicable control / mitigation, typically represented as years. | Number (i.e. 10) |
| Useful Life Rationale | The rationale, including any data sources used to estimate the useful life of the control / mitigation. | Text |
| Driver Number | The number of the driver as used throughout the RAMP report. | Text (i.e. D1) |
| Driver ID | Any abbreviation or identification of the driver as used in the RAMP report. This could be formatted differently depending on the risk. | Text (Examples include: D-CFO, D1 – Seismic Event) |
| Sub-driver ID / Name | A sub-driver ID or name used in the RAMP report, as applicable. This could be formatted differently depending on the risk. | Text (For example D-CFO may have multiple CFO sub-drivers (vegetation, vehicle, animal)). |
| Mitigation Effectiveness Value (Driver) | The numerical value used in the risk analysis. | % from 0 – 100%. |
| Mitigation Effectiveness Value Rationale (Driver) | The rationale including any data sources used to estimate the mitigation effectiveness of the control / mitigation. | Text |
| Consequence Attribute | The consequence attribute. This could be Safety, Reliability, Financial or any other consequence attribute used in the risk analysis. | Text |
| Mitigation Effectiveness Value (Consequence) | The numerical value used in the risk analysis for each applicable consequence attribute. | % from 0 – 100%. |
| Mitigation Effectiveness Value Rationale (Consequence) | The rationale including any data sources used to estimate the mitigation effectiveness of the control / mitigation. | Text |

Mitigation Costs and Work Unit Forecasts (Costs and Units Tab)

- Provides unit costs by year by tranche as, applicable.
- Provides work units (i.e, circuit miles) by year by tranche, as applicable
- Provides foundational costs by year by tranche, as applicable.

| Field Name | Field Description | Field Value Constraints |
|--|--|--|
| Risk | The name of the applicable RAMP risk. | Text (i.e. Wildfire) |
| Control/Mitigation ID | The ID of the Control / Mitigation as it appears in the RAMP report. | Text (i.e. C1) |
| Control/Mitigation Name | The name of the control / mitigation as it appears in the RAMP report. | Text (i.e. Targeted Undergrounding) |
| Tranche ID | The tranche ID designation used in the RAMP report. | Text or Number (i.e. Tranche 1, Tranche A) |
| Spend Category | The type of spend forecast. This could be Expense (O&M), Capital and/or Foundational. | Text |
| RAMP Estimate (\$) | This would be the annual estimated spending amount including expense, capital and/or foundational costs per year per tranche as forecast in the RAMP report. | Number (i.e. \$120,000) |
| RAMP Estimate (Work Units) | This would be the annual estimated work units as forecast in the RAMP report, as applicable. | Number (i.e. 1,200) |
| Unit Type | This would be a description of the work unit type, as applicable. | Text (i.e. Circuit Miles) |
| GRC Forecast (\$) | This would be the annual forecast spending amount including expense, capital and/or foundational costs per year per tranche as forecast in the GRC. | Number (i.e. \$120,000) |
| GRC Forecast (Work Units) | This would be the annual forecast work units as forecast in the GRC, as applicable. | Number (i.e. 1,200) |
| Variance (GRC less RAMP) for \$ and Work Units | This would be the difference in both dollars and work units forecast in the GRC less the estimate in the RAMP report. | Number (i.e. \$120,000 or 1,200) |

Baseline Risk Inputs Template – (Baseline Input Tab)

Includes baseline risk driver frequency and consequence information and the data sources used by year by tranche, as applicable. The following data field would be represented.

| Field Name | Field Description | Field Value Constraints |
|--|---|--|
| Tranche ID | The tranche ID designation used in the RAMP report. | Text or Number (i.e. Tranche 1, Tranche A) |
| Tranche ID Description | Brief description of the tranche as applicable. | Text |
| Tranche ID Exposure | The risk exposure by tranche. Includes a description of the units as applicable. | Text or Number (i.e. 1,200 employees, 106,000 circuit miles) |
| Driver ID | Any abbreviation or identification of the driver as used in the RAMP report. This could be formatted differently depending on the risk. | Text (Examples include: D-CFO, D1 – Seismic Event) |
| Driver Frequency Data Source / Rationale | The rationale including any data sources used to estimate the baseline driver frequency by risk. | Text |
| Outcome %'s | The outcome % by outcome by tranche. | Percentage from 0 – 100%. |
| Outcome % Rationale/Data Source | The rationale including any data sources used to estimate the outcome percentage by outcome by tranche. | Text |
| Outcome Consequence Value – Safety | The Safety consequence attribute natural units by tranche for each outcome. | Number (i.e. 1.0) |
| Outcome Consequence Value – Reliability | The Reliability consequence attribute natural units by tranche for each outcome. | Number (i.e. 100,000) |
| Outcome Consequence Value – Financial | The Financial consequence attribute natural units by tranche for each outcome. | Number (i.e. \$1,000) |
| Outcome Consequence Values Rationale/Data Source | The rationale including any data sources used to estimate the baseline driver frequency by risk. | Text |

Summary – (Summary Tab in Excel File)

| Field Name | Field Description | Field Value Constraints |
|---------------------------------|--|--|
| Risk Name | The name of the applicable RAMP risk. | Text (i.e. Wildfire) |
| Control / Mitigation ID | The ID of the Control / Mitigation as it appears in the RAMP report. | Text (i.e. C1) |
| Control/Mitigation Name | The name of the control / mitigation as it appears in the RAMP report. | Text (Targeted Undergrounding) |
| Tranche ID | The tranche ID designation used in the RAMP report. | Text or Number (i.e. Tranche 1, Tranche A) |
| Scenario | Indicates the appropriate scenario (Proposed, Alternative 1 or Alternative 2). | Text |
| Year(s) | The applicable year of the analysis Pre-Test Year, Test Year, Post Test Year or Cumulative GRC Cycle). | Number (YYYY or YYYY – YYYY) |
| Discount Rate Scenario | The applicable discount rate scenario applied. IOU would indicate which scenario was used and the appropriate rates used in a footnote or other accompanying document. | Text or Number (i.e. Discount Scenario 1, 1) |
| Pre-Mitigated Driver Frequency | The sum of all Pre-Mitigated driver frequencies. | Number |
| Pre-Mitigated Consequence | The sum of all consequence attributes prior to control / mitigation implementation. | Number |
| Pre-Mitigated Risk | The product of Pre-Mitigated Driver Frequency and Pre-Mitigated Consequences. | Number |
| Post-Mitigated Driver Frequency | The sum of all Post-Mitigated driver frequencies after the control / mitigation is applied. | Number |
| Post-Mitigated Consequence | The sum of consequence attributes after the control / mitigation is applied. | Number |
| Post-Mitigated Risk | The product of Post-Mitigated Driver Frequency and Post-Mitigated Consequences. | Number |
| NPV Benefits | The net present value of the benefits of the control / mitigation. | Number |
| NPV Spend | The net present value of the forecasted spend (includes expense, capital and foundational costs as applicable). | Number |
| Benefit to Cost Ratio (BCR) | The result of NPV Benefits / NPV Spend. | Number |