**Document Status:** Choose an item.

Project Number: Click or tap here to enter text.

Project Name: Click or tap here to enter text.

Recipient: Click or tap here to enter text.

Project Summary: Click or tap here to enter text.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Deliverable Intent:**

The intent of this document is to identify and communicate metric targets at the beginning stage of the agreement. The metrics should provide constructive targets for the performance of the technology or project and how the metric will be measured and evaluated.

**Document Process:**

The performance metrics will be developed by the recipient and provided to the CAM for the kickoff meeting and to the Technical Advisory Committee to be discussed at the first Technical Advisory Committee meeting. The recipient will coordinate with the CAM to update and finalize the performance metrics based on input received at the first Technical Advisory Committee meeting. The metrics will be reviewed and accessed at each CPR meeting and the final meeting. (Tracking of the metrics to be uploaded into PIMS database).

**Performance Metric Content:**

For each performance metric, the recipient should provide the following information:

* A short description of the *performance metric*.
* Performance Metrics:
	+ Benchmark – Current industry standard or status (If applicable)
	+ Current – Performance demonstrated to date (If applicable)
	+ Low Target – Low goal for successful results
	+ High Target – High goal for successful results
* The *target performance* that is the high expectation that can be achieved beyond the baseline. This is the ultimate goal for the specific project’s or technology’s metric to achieve by the end of the project.
* The *evaluation method* that will be used to assess or measure the metric or target. If not evaluated during final analysis a date of measure may be useful in this section.
* The *significance of the metric* or target to the research or technology’s success and beneficial impact. This should address how meeting or failing to meet the performance metric might impact the project or technology on a high level.

**Performance Metrics Table**

Metrics should address advancements of the technology being studied that represent that the technology is being advanced relative to the expected goal; examples include electrical efficiency, operating temperature, or cycles per minute. Additionally, critical measurements can be included that justify results of the project; examples include test cycles performed, participants sampled, or test units produced.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Performance Metric | Benchmark Performance | Current Performance | Low Target Performance | High Target Performance | Evaluation Method | Significance of Metric |
| Ex. 1) Example metric description. | 5 units | 4 unit | 5 units | 10 units | Example evaluation. Date. | Example significance statement. |
| Ex. 2) Energy Efficiency of system | 70% | 65% | 70% | 90% | 100 test cycles or charge and discharge | The industry standard currently is 70% and to be competitive be must meet that same standard.  |
| Ex. 3) Applications to the administered program | NA | NA | 30 applicants | 60 applicants | Internal tracking of completed and screened applications | To have valid programmatic success we estimate that 30 applications is sufficient but believe we reach 60 applications with effective outreach. |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |