Applicant Name:

Project Name:

Instructional/example text is in blue.

**Deliverable Intent:**

This document is intended for the applicant to identify project-specific metric targets at the beginning of the agreement. The performance targets should be a combination of scientific, engineering and techno-economic metrics that provide the most significant indicator of the research or technology’s potential success. The metrics should provide constructive targets for the performance of the technology or project and how the metric will be measured and evaluated, during the project and after the project is complete.

**Performance Metric Content:**

For each performance metric, the applicant 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.* |
| <insert> | <insert> | <insert> | <insert> | <insert> | <insert> | <insert> |
| <insert> | <insert> | <insert> | <insert> | <insert> | <insert> | <insert> |