

Exhibit F – Performance Metrics
CGC Program, Phase II: Category 2
Village of Cold Spring Zoning Update
CFA # 30400/Contract # 39523

The goals of the CGC Category 2 planning grants are to foster mid- to long-term policy change that will create more sustainable communities and reduce greenhouse gases (GHG) in the region. This CGC Performance Metrics Exhibit defines obligations of the Contractor to create and report metrics to NYSERDA for estimating the potential benefits of planning activities. NYSERDA reserves the right to request additional data or metrics and update reporting requirements as needed.

1. Definitions

CGC Required Performance Metrics (RPMs): RPMs are required of all CGC grantees and are designed to help NYSERDA estimate potential benefits across all CGC investment. For planning grants these shall be reported by the Contractor as projected community-wide, indirect benefits over near-term (5 years), mid-term (10 years) and long-term (15 years) periods. The RPMs will quantify the estimated benefits that will be achieved through the adoption of sustainability plans and policies by local governments. RPMs include:

- Number of permanent jobs created (full-time equivalent [FTE])
- Energy cost savings/year (\$)
- NYSERDA CGC investment (\$)
- Other investment (\$)
- Total energy savings by fuel type/year (million British thermal units[MMBTU]); and
- GHG savings/year (metric tons carbon dioxide equivalents [MTCDE]).

Sector-common metrics (SCM): Specific metrics common to only a subset of the CGC projects or planned measures. Specific metrics such as estimated grid-supplied electricity reductions, potential increased renewable energy capacity, or vehicle miles traveled (VMT) reduction shall be assigned to the project to provide more detailed estimates for the RPMs, where applicable.

Common Planning Metrics (CPM): An additional set of commonly used planning metrics may be requested by NYSERDA to estimate future benefits of the CGC planning project. CPMs will use performance metrics and standards used within LEED® for Neighborhood Development (LEED-ND) or other systems and standards commonly used to quantify the benefits of sustainable planning practices.

Regional Sustainability Plan (RSP) Metrics: These are metrics that align with the indicators included in the RSPs developed during CGC Phase I to support RSP goals. The Contractor should identify any RPMs, SCMs or CPMs that align with RSP indicators. Links to the RSPs are available at <http://www.nyserderda.ny.gov/cgc>.

Benefits: The resulting quantified values of the actual or projected metrics that demonstrate the success and impact of the plan. For Category 2 projects, it is assumed that all benefits will be indirect because project-specific implementation shall not take place with this type of CGC investment.

2. Preparing the Project Benefits Metrics Report (PBMR)

The Contractor shall submit a draft preliminary PBMR with the first quarterly report that proposes the metrics and methodology for data development to be used for near-, mid-, and long-term community benefit projections. The draft PBMR shall include the following:

- All six of the CGC RPMs.
- SCMs that are applicable for estimating RPMs because they are specific to the goals of the planning efforts (i.e., VMT/year, if planning effort includes a goal of increasing public transportation; or estimated household electricity use savings, if the planning effort includes an energy-efficiency standard for new housing).
- CPMs shall be identified by NYSERDA and/or proposed by the Contractor to demonstrate benefits that directly correlate with the specific type of planning grant project. NYSERDA may request the Contractor to participate in a NYSERDA-led discussion group with other CGC participants to identify a set of CPMs that will most accurately reflect community benefits of Category 2 planning grant projects. NYSERDA and the Regional Outreach Coordinators shall be available to assist the Contractor in the identification of CPMs that are appropriate for their project and the methodology or approach to use in the data collection and analysis. A minimum of three CPMs should be included for all planning projects.
- RSP metrics that align with the RSP should also be indicated. For example, if an RSP goal is to increase transit ridership by 15%, and the project will include efforts to improve public transportation, then a metric quantifying the expected increase in transit ridership (as a percentage or number of riders) should indicate that it aligns with the RSP on the PBMR. Other RSP metrics that are not already included as an RPM, SCM, or CPM are also encouraged to the extent the data are readily available over time and applicable to the project.

NYSERDA shall work with CGC Category 2 Contractors during project start-up to finalize the format and content of the PBMR. A sample is shown below.

EXAMPLE: Benefit Estimate Sheet: Village of XX Comprehensive Plan Benefits					
Type	In RSP?	Metric	5 Year	10 Year	15 Year
RPM		Permanent Jobs (FTE)			
RPM		Energy Cost Savings / year (\$)			
RPM		NYSERDA CGC investment (\$)			
RPM		Cost Share (\$)			
RPM	Yes	Total Energy Savings / year (MMBTU)			
RPM	Yes	GHG Savings / year (MTCDE)			
SCM		Electricity Use Reductions (kWh/year, MMBTU/year)			
SCM		Fossil Fuel Use Reductions (MMBTU/year)			
SCM		New Renewable Energy Capacity (kW)			
SCM	Yes	Vehicle Miles Traveled (VMT) Reductions/year (#)			
SCM	Yes	Solid waste diverted from Landfill/ year (Tons)			
CPM	Yes	Acres of Agricultural Land in Non-agricultural Use			
CPM	Yes	Housing + Transportation Index			
CPM	Yes	% of People Commuting via Walking, Biking, Public Transit			

3. Documenting Methods and Assumptions

The Contractor shall propose performance metrics and the methods for data collection and calculation of the 5-, 10- and 15-year estimated benefits for plans and policies developed and adopted and include these with the draft PBMR. Contractors should rely upon data specific to their own communities, if possible. However, it is acceptable to cite existing standards, research studies, literature, and other peer-reviewed rules of thumb sources and tools to estimate near-, mid-, and long-term benefits of policies for a portion of the metrics. The Contractor should identify all tools and assumptions needed to validate the estimates. The draft PBMR, including methodologies for data collection, shall be completed and included in the first quarterly report. The Contractor and NYSERDA shall finalize a metric reporting schedule, calculation methods, assumptions, and data collection requirements for these metrics by the mid-term review.

4. Final Reporting and Submittal

At the conclusion of the project, and based on the actual policies that have been developed as a result of the Contractor's work, the Contractor shall quantify project benefits based on the methods agreed to and complete and submit the PBMR. The Contractor should be prepared to submit supporting documentation for review and signoff by NYSERDA as part of the final project report.

For plans/policies supported under the project but not formally adopted at time of project close, all benefits will be set to zero as the baseline condition. Contractors shall have up to one year after the close of the project to document efforts to achieve policy or plan adoption in order for benefits metrics to be counted in program reporting.

5. CGC Sustainability Policy Inventory

NYSERDA anticipates tracking the number and type of policies that are implemented as a result of the CGC Category 2 Planning Grant investments. Contractors shall be required to also report all policies adopted and any outcomes or lessons learned as a result of this project.

Other Bind Variables

Unique Terms: No

Enter Other Insurance Requirements:

Are there any significant changes since PDMC or management approval?:

No

Describe changes:

Enter SEQRA Type: Type I

Have you attached detailed determination with appropriate documentation? No

Have you attached the short or long Environmental Assessment Form, as appropriate?

%%NY_SEQRA_UNLISTED%%

Identify entire Section No. from 503.3 or 617.5 -- e.g. 503.3(e):

617. 4 (b); 503.3 (f), (n), (o)