

STARS Advisory Committees Focus Call
Topic: Energy & Climate

Wednesday, November 28, 2007

Instructions

9:00 – 10:00 am Pacific Time (noon – 1:00 pm Eastern Time)

Dial-in: (712) 451-6000

Access code: 532393#

Goals of Call

- Move past what's "wrong" with indicators and toward best possible solutions
- Resolve lingering questions about existing indicators and identify potential new indicators

Conversational Rules

- Identify yourself before speaking each time
- Offer constructive ideas and stay focused on the question
- Avoid dominating conversation, i.e., speaking too long or too often

Agenda

1. Operations Credit 13: Energy Intensity - Trend
 - Should we convert this to a threshold question instead of a trend question? How?
2. Operations Credit 14: Renewable Electricity Consumption
 - Should the purchase of RECs be counted as equal to onsite renewable energy generation?
3. Operations Credit 15: Renewable Energy Consumption
 - Is there a standardized way of calculating the percentage of total heating and cooling load derived from renewable sources?
4. Operations Credit 16: GHG Emission Reductions
 - Should we only allow certain types of offsets? Should offsets be counted as equal to on-site reductions?
5. New Credits
 - Are there any other credits related to Energy and Climate that should be considered for inclusion in STARS?

Energy & Climate Credits

OP Credit 13: Energy Intensity – Trend

Institution must demonstrate a 3-year downward trend in total BTU (electricity plus temperature control) per conditioned square foot per capita.

> 0% reduction/yr (1pt)

> 1%/yr (2pts)

> 2%/yr (3pts)

> 3%/yr (4pts)

> 4%/yr (5pts)

OP Credit 14: Renewable Electricity Consumption

Institution must derive a specified percentage of its total electricity consumption from renewable electricity sources (not including large-scale hydro and nuclear) or compensate for fossil-fuel derived electricity use by purchasing Green-e certified renewable energy credits (RECs).

> 20% (1 pts)

> 40% (2 pts)

> 60% (3 pts)

- > 80% (4 pts)
- 100% (5 pts)

OP Credit 15: Renewable Energy Consumption

Institution must derive a specified percentage of its total heating and cooling load directly from renewable sources. Renewable sources are defined to include solar thermal, geothermal, biomass, biogas, and renewably-derived hydrogen.

- > 20% (1 pts)
- > 40% (2 pts)
- > 60% (3 pts)
- > 80% (4 pts)
- 100% (5 pts)

OP Credit 16: GHG Emission Reductions

Institution must achieve absolute reductions in its Scope 1 and Scope 2 greenhouse gas emissions from FY2005/2006 baseline. Purchasing carbon offsets counts toward earning this point. . .

- > 10% (1pt)
- > 25% (2pts)
- > 50% (3pts)
- > 75% (4pts)
- 100% (5pts)