

City Energy Project – San José

Reporting and Transparency

Date: April 19, 2018
Time: 9:00 AM – 12:00 PM
Location: Environmental Innovation Center
1608 Las Plumas Ave., San José

Agenda:

1) **Welcome and Introductions** - Phil Cornish, Environmental Services Department

2) **Recap Meeting 1 and 2** - Walker Wells, Global Green

- Benchmarking and Climate Smart San Jose
 - Pillar 3; Strategy 3.2: Improve Commercial Building Stock.
 - San Jose is among the 2018 ENERGY STAR Top Cities.

3) **Benefits of Reporting and Transparency**

- Understand performance and opportunities for savings.
- Improve public and private programs.
- Catalyze and encourage market transformation.
- “Green Premium” or added value for high performers.
- Inform sustainability goals and progress.

Benefits of Local Policy

- Custom reporting, compliance and implementation process.
- Additional support services and project assistance.
- Local access to more robust data, including water, plus the option to require audits or increased efficiency, none of which AB 802 requires.
- Recognition.

4) **Reporting Process**

- Establishing a compliance pathway through a local policy or AB 802 state mandate.

- Determine what data is collected through ENERGY STAR Portfolio Manager, what will be submitted/reported for compliance, and what will be made public.
- City to create a 'Master' Portfolio Manager account and custom reporting template in order to request data from building owners.

5) Levels of Transparency

- AB 802 Requirements; have not been finalized yet.
- Reported data vs. Public data.
- Reported fields.
 - Fundamental property characteristics.
 - Energy Metrics.
 1. Energy Star Score
 2. Site EUI
 3. Source EUI
 - Total GHG Emissions.

Note: Energy Star Portfolio Manager uses regional emissions data which may not reflect PG&E or San José Clean Energy's cleaner fuel mix.

6) Reporting Formats

- Open data tables:

<https://data.cityofchicago.org/Environment-Sustainable-Development/Chicago-Energy-Benchmarking-2016-Data-Reported-in-/fpwt-snya>
- Summary reports:

https://www.cityofchicago.org/content/dam/city/progs/env/EnergyBenchmark/2017_Cicago_Energy_Benchmarking_Report.pdf
- Interactive maps:

[http://cityenergyproject.github.io/chicago/#chicago/2017?layer=energy_star_score&metrics\[\]=energy_star_score&sort=energy_star_score&order=desc&lat=41.88445133756525&lng=-87.6324462890625&zoom=13](http://cityenergyproject.github.io/chicago/#chicago/2017?layer=energy_star_score&metrics[]=energy_star_score&sort=energy_star_score&order=desc&lat=41.88445133756525&lng=-87.6324462890625&zoom=13)
- Scorecards

7) Next Steps

Meeting 4:	Compliance Pathways	May 16, 2018
Meeting 5:	Implementation and Enforcement	June 14, 2018
Meeting 6:	Review Draft Ordinance	July 18, 2018

8) Discussion

What information should be collected vs. reported vs. disclosed?

- Fundamental building information, starting with basic AB 802 requirements.
- Could there be fields for additional energy sources like wind, hydro and others?
 - ESPM allows you to account for solar and wind.
<https://portfoliomanager.energystar.gov/pdf/reference/Green%20Power.pdf>
- How do we account for or integrate data around on-site renewable energy generation, storage or public services like EV charging stations?
 - RESPONSE: You can account for renewable energy generation, and EV charging through ESPM, and there are guidance documents available through the EPA on how to do so. Lack of submetering can make this more difficult. There is emerging affordable technology that may facilitate this without having to undertake true submetering. You cannot account for storage at this time.

What methods of displaying energy and water use are most helpful or effective?

- San Jose could explore their own rating system.
- City should provide context, education and messaging around ENERGYSTAR scores or public data, especially for smaller buildings with less resources if the 10K threshold is included.
- Clarification around how the normalized distribution of ENERGYSTAR scores can impact, change or lower scores despite overall increases in efficiency or performance. Energy Star is currently undertaking an update of the index which will cause most scores to lower. This is because overall, efficiency is on the rise, so the comparative index is raising the standard.

How can the City support the reporting process?

- Education and taking a leadership role with the over 400 City structures.
- Targeted outreach and support around how to report specific data fields correctly.
- Focus support and resources for 'low-scores' and 'low-performers'; perhaps through an automated notification system based on reported data analysis.
- Financial resources; involving PG&E or local USGBC chapter; establishing a Better Buildings Challenge type program for San José.

- Education and resources around water-use metrics and water meters. For instance, San Jose Water Company offers [Waterfluence](#) - free program using satellite imagery and compare budget/usage; ranks site vs. other sites.

Do any working groups need to be designated for implementation?

- Fostering innovation.
- Reported and disclosed data fields.
- Integrating on-site energy generation, storage or EV charging into score or building profile.