

Note from CPAC Attend with City Manager in Cambridge

Meeting Notes: September 12, 2013, City Hall

Attendees: Quinton Zondervan (Chair), Jackie Cefola (Vice Chair), Milton Bevington (Secretary), Terry Smith, Lauren Miller, Peter Crawley, Lyn Huckabee, Marguerite Reynolds, Janet Curtis, Suzanne Shepard, Johanna Jobin, David Rabkin, Sarah Hill, Betsy Boyle, Bill Zamparelli, Tom Page; *staff*: Susanne Rasmussen, Bronwyn Cooke, John Bolduc, Alexandra Reisman

Guests: Mayor Henrietta Davis, Councillor Minka van Beuzekom, Sue Butler, Paula Phipps, Rosalie Anders, Ellen Katz (DPW); Iram Farooq (CDD)

1. Discussion with City Manager and Department Heads

Rich Rossi: Welcome and thanks for inviting city staff to meeting

Introduction of city staff

- Richard Rossi - City Manager
- Lisa Peterson - Deputy City Manager
- Susanne Rasmussen - Community Development
- Owen O'Riordan - DPW
- Brian Murphy - Community Development
- Claude-Alix Jacob Public Health Department Officer
- Sam Lipson – Public Health Department
- James Maloney – School Department
- Dana Ham – School Department
- Kristen von Hoffmann – School Department
- Sam Corda – Water Department
- Ranjit Singanayagam – Inspectional Services Department
- Sue Clippinger – Traffic, Parking & Transportation Department
- Steve Lenkauskas – Electrical Department

Introductions of CPAC members attending

Lisa Peterson summary of city activities

- Update on CPAC recommendations
 - Stretch code in place
 - Energy disclose ordinance
 - Kendal and central sq development LEED Gold requirements
 - electric charging stations in place
 - Parking ratios decreasing and meter fees increased
 - Climate change vulnerability assessment underway
 - Green Community energy goal making progress
 - Solar hot water installations are up
 - Solar map website available
 - Ghg inventory and goal development underway
 - Moving on renewables goals and energy efficiency goals
 - More funds will be available
 - LED conversion of street lights underway
 - Collaborations via Compact venture underway
 - Ecodistrict possibility being explored
 - Net zero for king school underway
 - Organics collection pilot program being explored
 - Exploring aggregation of green purchasing options
 - MIT energy efficiency research collaboration making progress

Rich Rossi

- Net zero King School project update on process
 - Steep learning curve
 - Currently reduced 45 percent of energy use
 - Considering physical space opportunities for renewables
 - Will consider REC purchases
 - Cambridge school staff has been outstanding
 - Will offer new approach to education of students via sustainable building design and interpretation.
 - Opportunity for city to establish leadership position and learn about viability of net zero approach
- Need to remain committed that we engage all of community in our efforts to secure excellent input and ideas. Offered a call to community for enhanced collaboration.

Owen Oreardon DPW Interim Director

- Will meet energy consumption reduction goal of 20 percent, 2,800 ton ghg reduction
- Urban forestry: awards for tree planting and stewardship activities
- Recycling rate is 48 percent
- Composting services in development
- Biking and walking initiatives underway
- Green Sense program focusing on paper use reduction

Brian Murphy Community Development office

- Spearheads many of the city's sustainability work
- Collaboration among departments is strong
- Ecodistricts is promising initiative in Kendall square
- Hub way has been a terrific success
- Building energy disclosure ordinance is a priority
- Early stages: STARS approach to measuring community health (???)

Claude-Alix Jacob Public Health Department

- Climate change is important and manifest
- Preventing diseases and illness related to climate is priority
- Sam Lipson active participant in sustainability initiatives from a health perspective
- Partnerships with Cambridge Health Alliance and others can offer many good resources

Water Department

- Largest energy user of town
- Demand response participation
- Energy and water efficiency measures under way
- VFDs, efficiency vehicles, renewables for solar
- 20 percent reduction.

Electrical Department

- LED street lighting will have significant reductions
- On schedule, 7,000 lights

Dana Ham and Christine von Hoffman School Department

- Excited about the net zero school project
- Green schools initiative underway
- Focus on energy, waste
- Controls improvements, lighting retrofits, good savings
- Waste collaborations with DPW single stream recycling in all schools, composing in 8 schools
- Education and practice engagement materials is underway
- Annual reports available on-line

Ranjeet Inspection Services

- Stretch code is being implemented in residential and commercial properties
- Software tools will be available for community to assist in stretch code compliance
- Solar systems installed in Cambridge has gone up
- Helping to promulgate stronger national standards

Cliff Traffic Department

- Florescent lighting in garages
- Electrics charging stations installed
- Looking to save paper, via online payments and documentation
- Fleet fuel efficiency increasing

Mayor Davis

- Compact progress has been strong
- Provided an overview of Compact
- Organization underway, lots of enthusiasm

Questions from CPAC Members

- Concerns about definition of net zero for schools on a school-by-school basis as possibly not taking advantage of benefits from a multi building portfolio approach.
 - Rossi: we are moving forward to explore what works best. Learning process
- Acknowledgement of hard work from City staff on progress. Should focus on existing buildings of schools to increase efficiency before focusing on net zero. Can the city increase efforts on existing buildings?
 - Rossi and Peterson: growth of buildings is inevitable. City is investing in existing buildings for efficiency. Analysis is underway for enhanced investments. NSTAR has been engaged as well.
- What is the city not doing? What about ASHREA codes, what about lease-type financing and energy performance contracting.
 - Exploring these options and revisiting. Goals suggested by CPAC would be helpful.
- Any updates on pilot for multi family residential efficiency research?
 - City is meeting Sept 23rd with MIT students to discuss pilot proposals.
- Do any laws need to be changed to support aggregation of energy purchasing in city?
 - No
- What should role be of CCPAC be to help maintain momentum on initiatives
 - Continue to be highly collaborative and representative of community on the Committee. CPAC is valuable, and very appreciated by the City. Rossi thanks committee.

Rossi

- City will work on a process to adopt CPAC goals.

2. Minutes where voted on to be adopted. Vote passed, meeting notes adopted.

3. No additional updates from E&TP Director

- Building energy use disclosure ordinance is moving forward
- Pilot helmet program is under consideration
- Hub way is working and making a profit

4. Planning CPAC Meetings

- Suggestions on future topics:
 - Educating our selves on key issues, e.g.
 - ASHREA 189.1
 - State energy performance contracting law
 - Municipal leasing instead of bonding
 - Exported emissions in consumer products
 - Models developed in Cambridge
 - Net zero energy strategies
 - Explore drivers of behavior choices for residential efficiency services
 - Eco districts
 - Mayors Sustainability Compact
 - Aggregation of energy purchasing
 - Expert consultation on communication strategies for climate change to promote action
 - Bring in other stakeholders to share best practices
 - Bring in weather experts to discuss difference between climate and weather.
 - Emergency preparedness planning for climate as segue to discuss climate issues with currently disengaged community
 - Increase CPACs networking reach; e.g. invite other groups to meetings and attend others' meetings; use shared video conferencing/webinars to increase knowledge of community
- John Bolduc will distill these suggestions and share with Committee

5. Meeting adjourned at 7:55pm

Notes by Steve Lanou