

# Energy Task Force Meeting Minutes

**Monthly Meeting April 12, 2012**

**Location: Dimond 343**

**Attendees: Paul Chamberlain, Matt O'Keefe, Michele Williams, Steve Pesci, Vincent Lyon, Benjamin Trolio, Sara Gassman, Cameron Wake, Ella Nelson,**

## Action Items

Paul/Matt/Steve to meet and discuss next steps of clean fleet advisor

Matt sending Temperature Set Points to Cam and Cc'ing Jackie, to be passed on to Tim D. for Student Senate

June Meeting to include web conferencing discussion

## Temperature Set Points Policy

1. Priority to encourage people to report issues
  1. unless it's relayed to facilities, will never know there is a problem
  2. energy/emissions savings based on adjusting current set points
  3. some buildings have to be cooled even in winter depending on what equipment is in building and how many people etc.
2. Voting on it this meeting
  1. Paul needs to run it by cabinet
  2. endorsement of ETF and if Student senate concurs will carry weight
  3. with administration it's mostly awareness
  4. discussed/vetted policy
  5. Tim Ducett would submit this by end of day tomorrow (friday 13th)

3. How much energy will it save?
  1. Has great potential
  2. Will save more from air conditioning than heating
  3. Set points of 78 degrees shouldn't effect heat advisory
4. Voted in and will be passed to Tim for submission to Student Senate
  1. Matt sending latest version to Cam, cc'ing Jackie

### Cam: 405 updates

5. moving forward on 3 items
  1. temp set points
  2. water/hydration stations
  3. survey - IDying what buildings have/don't have stations
6. Hydration Stations
  1. costs to install Hydration stations?
    1. about \$1600/unit with install for just bottle filling, w/ bubbler is additional \$500-700
  2. want to integrate on EcoTF on this issue as well
  3. will come up with standards of how many stations per how many students in res halls
  4. academic harder - focus on increasing locations in academic buildings
  5. Second steps - bottled water ban
  6. Emerson -
  7. Modifying the contract with Coke - would coke want to get on board
  8. Making the hydration stations more successful/available on campus simultaneously
  9. compare tracking of stations against coke sales
  10. Michel
    1. Housing is in award stages of stations in every res hall

2. 16 on next wave - planned
3. has summary of all locations
4. proposal of second phase to larger buildings for additional stations
5. slated to be open before fall/June 30th
6. As bubblers fail, hydration stations will be replaced
11. Should we have an exclusive relationship with this one contractor?
  1. don't want to lock into someone prematurely
12. quantifying bottles saved - there is a per weight charge, we could equivocate
7. Space consolidation
  1. ranking buildings
  2. 3-tiered approach for summer/J term
  3. provide to all groups planning summer events/winter term
  4. nothing mandatory at this point
  5. Tiers - proximity to dining halls etc.
  6. hope to have it ready for May/next ETF meeting
  7. What levels will you get down to in terms of systems
    1. group will decide that on their own
    2. ETF would take things like this into account in next steps of policy
    3. Matt is stripping out buildings that have huge systems
    4. students will rank bldgs without complex systems within them

## Meeting with Housing: Mike Saputo

8. Ella/Jackie
9. Mike already trying to keep dorms with most usage offline (Fairchild etc.)
10. Challenge is adult groups vs. teens/kids and genders, keeping these separate per requests etc.

11. Sports prefer the dorms near fields anyway, less of a challenge
12. Mike said that a UNH Policy would be helpful so that he has more backing
13. Informed us that Forest Park is a challenge
  1. always heating issues
  2. facilities issues space heaters, but no follow up to get them back so they could be running all winter.
  3. No RD/Staff so we need to work on communication
14. Michel: housing taken initiative to ID buildings with a lot of solar gain
  1. lounge areas
  2. added window film and has aided in heat absorption
  3. cuts amount of IR that comes in with solar gain
15. Eco-rep Position updates
  1. RHA exec board Thursday
    1. bringing it to general meeting
  2. 5-10 minute brown bag speakers at monthly meetings for Ecoreps

## Friday Night Lights Out

16. Vince/Ben
  1. been successful this semester
  2. 1600kwh/ little over 1 ton co2/ \$200 electricity
  3. reallocating the \$200 saved
  4. on clean electricity or on reducing waste
  5. retrofitting gym/cardio equipment to generate electricity
  6. 50kwh
    1. not a lot of energy saved but provides immediate involvement
    2. giving intuitive sense of what a kwh is to UNH community

3. machines are otherwise just generating heat.
7. Companies
  1. ReRev - BU has 12 units in gym
  2. \$1000/bike
  3. Joe VanGombos talking to Revolution Energy about financing, what goes into the process etc.
8. Ben contacted UNH Foundation
  1. have set up an account if we wanted to solicit matching funds
  2. Next wednesday (April 18th) - local farm dinner at Young's restaurant
  3. plan to pitch idea and hopefully gain support
9. Need to contact David Leech - Rec sports
  1. equipment gets a lot of use, not sure on technology, will retrofit be a maintenance problem for them?
  2. is this company working with equipment companies to have it built in?
  3. Would be 25 years just to pay back initial cost of bike
10. Instead of retrofitting what's the cost - is it less?
11. Or should money be put back into revolving fund?
12. Educational aspect is great, but is payback time worth it?
13. outreach to students and involvement a priority to do
14. having whole rec center generating own electricity is a big risk/complicated issue of
15. What about a system that would charge a phone/other device while using it?
16. Have a demonstration piece that shows energy
  1. could do something similar
17. Going forward - would be some university support but try to sell as advertising to any organizations
  1. \*\*\*\* local bike stores??
18. Mike Welch has contact at Ohio U - they did this at their gym.

1. Get this pointed out on admissions tours

## Fleet advisor updates

17. 2 new vans grant funded by DES/energy planning grants
  1. one to dining and one to
18. pushing all-electric vehicles
  1. will be analyzing bringing all electric cars to UNH fleet
19. potential changes
  1. combined TPC/ETF meeting in near future
20. worth brainstorming ideas of how to look at UNH fleet
21. have more and more alternative options
  1. a lot of discrepancy between highway and city mileage on some vehicles
  2. stop having departments by own vehicle
  3. everything through a car pool system
22. subcommittee of ETF and TPC to look at cost savings
23. acquisition of vehicle over life of vs. someone to manage??
  1. first offs would cut fleet by a good 20%
24. Separated by levitt lane area
  1. between summer/breaks - no shuttle
  2. maybe running one van during summer
25. might be able to come up with alliances of different users
  1. fewer vehicles using more miles per year
26. Next 12 months - a lot of different vehicle technology coming out
27. opportunity to find the right vehicles for desired use will be more interesting
28. Purchasing doesn't have the authority to prohibit purchases of vehicles