

University of Minnesota Morris Digital Well

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Planning Committee

Campus Governance

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11-13-2018

### Planning minutes 11/13/2018

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#### Recommended Citation

Planning Committee, "Planning minutes 11/13/2018" (2018). *Planning Committee*. 123.  
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## Planning Committee Minutes

11/13/18

**Committee Members:** James Wojtaszek (Chair), Tom Johnson, Renee Seykora, Jana Koehler, Bryan Herrmann (ex-officio), Bill Zimmerman (ex-officio), Stacey Aronson, Julia Dabbs, Bridgett Karels, Sam Rosemark, Sydney Bauer, Mark Logan, and Alison Campbell (secretary)

**Absent:** Julia Dabbs, Bridgett Karels, Renee Seykora, Stacey Aronson

Approve minutes: Yes

**Bill Zimmerman, IT Director, talked about Duo and how it affects the campus.** Across the system, duo went live on November 1<sup>st</sup> and there has been very little frustration. You can sign up for duo now or wait until you need to reset your password. The deadline for everyone (including students) to transition is October 31, 2019. There is a “remember me for 7 days” feature if you are using the same device to login.

- Questions:
  - Do alumni and retired faculty and staff have to opt in as well? – does this impact email? – yes
  - What happened to cause the extra security? – A targeted phishing scheme impacted students UMM account and money was lost. This is a Spear Phishing problem which targets specific groups vs phishing which targets general/global networks. Across the system there have been problems with faculty and staff getting their W2 information stolen.
  - Is there a way to have back up tokens to use whenever? – Bill is not sure but can look into it. Do printed tokens have an expiration? – 120 days
  - Will there be more communication about how it’s going and how it works? - Bill is working with OIT communications to launch another communication email after the new semester starts

**Bryan Herrmann, Vice Chancellor for Finance and Facilities, talked about UMM’S energy goals.**

- Goal to be carbon neutral by 2020 – want to achieve with local generation. We could buy credits to achieve it but would need funding.
  - No U of M campuses set their goal at 2020 – most campuses across the country set their goals much farther out like 2050
- UMM gets 10 million kilowatts from the wind turbine and only need to use 5 million kilowatts. We sell the rest to Ottetail which along with the avoided purchase costs helps pay off the loan.
- Backpressure steam turbine that makes electricity – 300 kw
  - Ex the library demands around 80-100 kw at its peak

- We are charged kilowatt hours from the grid
- There is a set peak demand price for winter and summer – Public utilities commission approves the price
  - Whatever the highest peak is for the month in a 15 minutes window is what you pay
- We pay peak demand because the power company needs to pay more when there is more need
- Air handlers are programmed to turn on – have to have these in the newly remodeled buildings
- If we use natural gas or corn cobs we save on electricity for cooling but we pay for the fuel source
- Manage peak demand options
  - Put solar over the north parking lot – challenges – more expensive
    - 885kw at its peak
    - 1/3 more expensive
  - Put solar by the water treatment plant –5% closer to goal
  - Get battery storage – 7.5% closer to our goal
    - 1MW/4MWh
    - Will get cheaper in time
    - How long would it take to fill the battery up? – depends how much we are using – a few hours to all night – if we have no wind then we would use the battery supply fast
- Power negotiation rate – set rate for 25 years – can we negotiate to get a better rate? – No it would not be in our best interest. We as a campus are putting in many LED lights because LED payback is less than 2 years. Energy efficiency is an important way for us to reach our goal.