

University of Minnesota Morris Digital Well

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Planning Committee

Campus Governance

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11-12-2019

### Planning minutes 11/12/2019

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## Planning Committee Minutes

11/12/19

**Committee Members:** James Wojtaszek (Chair), Renee Seykora, Bryan Herrmann (ex-officio), Bill Zimmerman (ex-officio), Stacey Aronson, Julia Dabbs, Mark Logan, Laura Thielke, Bart Finzel, Mariah Turner (student), Shanda Pittman (student), and Alison Campbell (secretary)

**Absent:** Renee Seykora, Bart Finzel

**Approve Minutes:** no

Bryan will update on Facilities, HEAPR, and Solar projects

- Solar Project
  - Started building today – installation done before January 1
  - Putting a solar array (multiple panels together) next to the water treatment plant on WCROC Pasture land
  - WCROC has an eight foot tall panel so cattle can graze under it and use it for shade
  - Ottertail power will pay for a little under half of the cost of installation
  - Each of the 6 arrays at 40 kw each will have its own inverter/meter
  - Together they are 240 kw
  - Pay back in about 15 years – over 25 years will generate \$70-80,000
  - Have a 25 year warranty – if they fail the manufacture will fix/replace - the inverter has a 10 year warranty
  - When you put in panels you put in a 3% maintenance cost per year – if we don't have maintenance charges then we will show a profit.
  - Peak demand – look at the highest demand in the day for 15 min. equals what we pay to Otter Tail Power Company on a monthly basis.
  - People will have access to see the meter usage – it will be on displays around campus and on the web.
  - A meter will be put on the powerline so we can see what the wind turbine data is
  - To meet our carbon neutrality goal – 70% is met with the wind turbines, the solar panels will contribute 10-15%
    - Looking to get a large scale flow battery (1 megawatt) with the help of LCCMR and Otter Tail Power Company – this would help us reach our goal
  - Sustainability office, heating plant, and students help monitor meters
- 6 year capital plan (HEAPR) approved by Board of Regents – won't know if a bonding bill is signed until May 2020
  - Requesting \$375 million – U of M System is in the \$200 million bracket so whatever they get, UMM will get 3%
  - R&R (Repair and Replacement) for UMN Morris is \$90,000
  - Work on access for buildings
    - Elevator in MRC is first on the list – \$1 million

- Saddle Club barn repairs still need to happen
- Turf replacement and bleacher erosion control needs to get fixed at Big Cat Stadium (next summer), we pay ½ the cost because it will be split with the Morris Area School District
- Window replacement on Behmler
- Replacing bleachers in PE center is also on the list.
- Softball field
  - Baseball team is going to play on Chizek field on 7<sup>th</sup> St. - it is a city owned facility and will work with high school on scheduling
  - Current field needs about \$70,000 in total repairs
    - Softball field backstop is not tall enough - \$30,000
    - Outfield fence is too short
    - Outfield ground needs to be redone as it has many divets
  - The entire project needs to be approved by school district and communicated to potential donors.
  - Collaborate with high school to redo the entire field instead of just doing repairs
    - Move direction of field so it is further away from the road
    - Total \$250,000 – would pay for ½ because the school district would contribute
    - Long term range make 4 fields with a press box in the center with bathrooms