Infrastructure Planning and Facilities: Your partner for success!

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Outline

• IPF core services
• How we define our success
• Projects that drive value to our university partners
IPF core services

Our success as a strategic partner is determined by our ability to help you achieve your goals.
The secret sauce

- **Service** – improve the way we deliver products and services
- **Stewardship** – responsible use of resources and funds
- **High performance** – do it better than other providers for the long haul
- **Innovation** – new ideas that provide value to MSU
Driving value with sustainability

- EVP/IPF solar carport initiative: turning to the sun to drive savings
- Anaerobic digester: food waste to power campus
- Integrating sustainability throughout IPF and the campus
Solar Carport Initiative
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- Largest solar carport array in the USA
- 18% of MSU peak power demand, 5% of MSU total annual energy
- Saves $10 million over 25 years
MSU Anaerobic Digester

• MSU Cafeterias serve 35,000 meals / day
• What happens to the 35,000 trays with plates, cups, food scraps, napkins?
MSU’s Campus
MSU Anaerobic Digester

- 2,000 garbage truckloads/year kept out of landfill
- 4,000 MW of electricity generated
Achievements since 2015

End of Coal (Mar’16)

Energy Conservation

Waste Reduction

Renewable Power

Bottom Line (end of 2016)

- 10.4 % increase in renewable energy
- 27.7 % reduction in greenhouse gas emissions
- 7 % savings on energy budget, $$ returned to general fund
Mobile Technology

- Access to information to share (service status)
- Cost savings to ‘U’
- Technology in the hands of workforce
- Leading edge practice
Campus Water Improvements

• Campus water filtration system
• Improve taste, appearance and function
• Reduce ongoing maintenance
Partnership

- Bridge repair → student engagement
- Spartan Treasure Hunt
Thank you!

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