



# Energy Efficient HPC Working Group

Natalie Bates

7<sup>th</sup> Annual Workshop



## AGENDA:

- EE HPC WG in a nutshell
- SC Primer

## OBJECTIVE:

- Encourage participation in EE HPC WG



## Mobilize community to accelerate energy efficient HPC

- Explore innovative approaches
- Peer to peer exchange
- Share best practices
- Take collective action

<http://eehpcwg.llnl.gov>

natalie.jean.bates@gmail.com

### **EE HPC WG**

~650 Members

20+ countries

50% GOV

30% COM

20% EDU



# Inter-disciplinary and organizational blend

**HPC Systems**

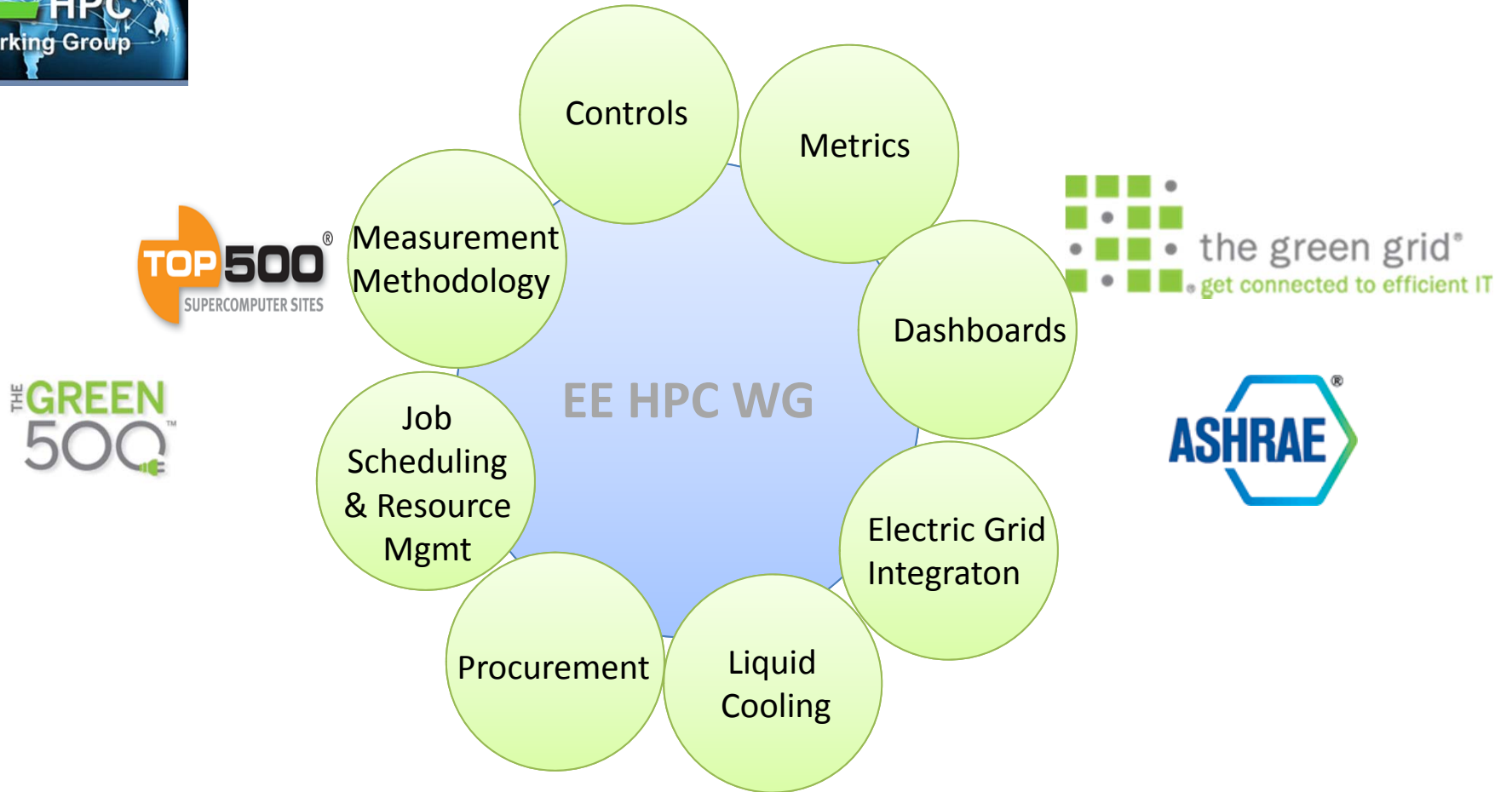
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**Infrastructure**

**Broader Engagement**



# Teams and Collaborations





## SC Primer: EE HPC WG

- TUESDAY: “Energy Efficiency Considerations and HPC Procurement” BoF 5:15-7PM 255-BC
- WEDNESDAY: “Green500: Trends for Energy Efficient Supercomputing” BoF 12:15-1:15 255-D
- THURSDAY: “Emerging Realities and New Protocols for Power Distribution: High Voltage and DC” Panel 10:30-Noon 255-BC
- EE HPC WG Booth 3960



# SC Primer: More

- Tags: Energy, Power, HPC Center Planning and Operations, State of the Practice

Full Program

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Event Type

All

Tag

Energy

## Sunday, November 13th

TIME	TYPE	TAG	SESSION / PRESENTATION	PRESENTERS	LOCATION	PLANNER
9am - 5:30pm	Workshop	<a href="#">Energy</a> <a href="#">HPC Center Planning and Operations</a> <a href="#">Power</a> <a href="#">State of the Practice</a>	Seventh Annual Workshop for the Energy Efficient HPC Working Group (EE HPC WG)	Michael Patterson, Torsten Wilde, Natalie Bates, Stephen Poole, Daniel Hackenberg, Thomas Durbin, Steve Martin, Dale Sartor, Anna Maria Bailey, Ramkumar Nagappan...	155-C	