

● ● ● | Data & Network  
Management Task  
Team

October 8<sup>th</sup>, 2009  
Chattanooga, TN





# D&NMTT Charter

- **Data & Network Management Task Team**
  - The scope of the Data and Network Management Task Team includes the development of the hardware and software requirements to collect and store the PMU data at a master storage site(s). The group is also responsible for defining the communications requirements from the PMU(s) or local storage site(s) to the master storage site(s), and development of future network **architecture** options.



# Chattanooga Team Composition

1.	Dave Anderson	WSU	14.	Rita Walls	INL
2.	Dave Bakken	WSU	15.	Jeremy McLain	SEL
3.	J. Ritchie Carroll	TVA	16.	Paul Trachian	TVA
4.	Yi Hu	Quanta	17.	Darren Highfill	SCE
5.	Matt Donnelly	Quanta	18.	Tom Nelson	NIST
6.	Tim Yardley	UIUC	19.	Stan Schneider	RTI
7.	David McKinnon	PNNL	20.	Joe Moran	KEMA
8.	Andrew Armenia	RPI	21.	Robert Craven	Tenn. Tech
9.	Eren Ersonmez	SEL	22.	Ken Hopkinson	AFIT
10.	Dejan Sobajic	NYISO	23.	Farzaneh Tafreshi	ICF
11.	Rick Meeker	FSU CAPS	24.	Douglas Jester	Verizon
12.	John Gillerman	SISCO	25.	Terry Burns	Teradata
13.	Supreet Oberoi	RTI			

## Task team leadership:

Paul Myrda  
Kris Koellner

EPRI  
SRP

[pmyrda@epri.com](mailto:pmyrda@epri.com)  
[kmkoelln@srpnet.com](mailto:kmkoelln@srpnet.com)



# NASPInet “Spec 1.0” Status

- NASPInet specification deliverables provided by DOE/NETL and D&NMTT by Quanta on 5/29/09.
- NASPInet specification documents have been circulated more broadly to gather feedback from industry.
- Feedback has been gathered by NASPI PMs and reviewed & summarized by D&NMTT.
- All documents are available at [www.naspi.org](http://www.naspi.org)



# NASPInet Path Forward

- The NASPInet specification documents can be best characterized as a set of functional requirements.
- Need to establish bounds [wire protocol & message format] for NASPInet implementers.
- The D&NMTT has established use cases.
- The next steps are:
  1. Finalize set of use cases; Use Case Report shall supersede “Spec 1.0 “docs
  2. Capture identified divergences/errata from “Spec 1.0 “docs
  3. Develop platform independent model (PIM)
- This is best accomplished by:
  - Blended facilitator/editor/documenter/PM + SME volunteer approach in a targeted workshop setting
- This leads to platform specific models which are formalized through Request For Comments
- Down the road: NASPInet interoperability test bed

# Ongoing action items



## Task

1. NASPInet Use Case Report
  - Merge docs, finalize set
2. NASPInet PIM Development Plan
  - Determine approach, methodology
3. NASPI PMU Registry
  - Establish required fields, DB schema
4. 2010 D&NMTT Goals
5. Schedule Remainder of 2010 Conf. Calls
6. NASPInet Service Class Quantification
  - Putting details to class attributes

## Lead(s)

Oberoi/Donnelly/Gillerman

Myrda/Koellner

TVA team

Myrda/Koellner

R. Johnson

To be assigned

- DNMTT will be meeting via conference call to continue work on these items - **join us! Next call TBD.**
- <http://www.naspi.org/meetings/dnmtt/dnmttmeetings.stm>