1. Approval of 2013 GM meeting minutes

The minutes of 2013 GM was approved without change.

2. Report to members

- Prof. Wilsun Xu, from University of Alberta, reported that the WG name, objectives and scopes were approved by the PQ committee during the Joint Technical Committee Meeting on January 2014 in New Orleans

- Prof. Xu did a short presentation about the WG name, objectives, scopes, web-page and other clarifications. It was also discussed how the members and non-members can share data of interest through the web-site.

3. Activity report

- Prof. Don Russell, from Texas A&M University, reported about the WG panel session on incipient fault detection held during GM 2014, listing the presenters and topics. The panel session suggests all types of data and disturbances are of interest. Data are not limited to typical PQ data and disturbance. The panel had good discussions on the requirements of high fidelity data, and new post-processing and analytics techniques to extract information from the disturbances.

- Prof. Math Bollen, from Luleå University of Technology, presented a draft paper on PQ data analytics, describing the outline, scope and main contributions. Prof. Math affirmed that a draft would be circulated among the members after the first version is finalized.

4. Technical Presentation

- Mr. John Foglio, from The Consolidated Edison Company of New York, USA, did a presentation on New PQ Data Applications in Con Edison. After the presentation, the presenter responded several question from the WG members.

5. Discussions and short-term activities
• There was a discussion among the WG members about the need for applications beyond PQ and new developments for the next 5 years, not only on application, but also on events capture, trigger events, hardware requirements.

• After this discussion, Prof. Xu presented a flow chart on applications and classification on Power Quality Data Analytics to make the scope of the WG even clearer.

• A panel session entitled "Requirements and experiences on the hardware platforms for power quality data analytics" was proposed and approved by WG. The session will be chaired by Mr. Tom Cooke of EPRI. Mr. Cooke will finalize the panelists. Prof. Xu will submit the panel proposal to PQ subcommittee.

• WG members are encouraged to bring ideas of focus topics and task forces for discussion in 2015 WG meeting. Examples ideas are disturbance detection methods for PQ data analytics, applications of PQ data analytics, etc.

6. Adjournment

• The meeting was adjourned at approximately 04:00 pm.

Attendees:

The following people attended as WG members:

Brian Wong Pacific Gas & Electric Co.
Don Russell Texas A&M University
Francisc Zavoda IREQ
Gary Chang Natl. Chung Cheng Univ.
Georges Simard Simard SG
Jeff Wischkaemper Texas A&M University
José Carlos Vieira University of São Paulo
Ken Sedziol Duke Energy
Kyeon Hur Yonsei University
Mario Tremblay IREQ / Hydro-Québec
Math Bollen Luleå University of Technology
Mirrasoul Mousavi ABB
Surya Santoso The University of Texas at Austin
Theo Laughner TVA
Timothy D. Unruh US Department of Energy
Tom Cooke EPRI
Walmir Freitas University of Campinas
Wilsun Xu University of Alberta

The following people attended as guests:

Trevor Lord Lord Consulting
Jan Meyer Technische Universität Dresden
Steven Johnston Eaton
Hao Liang University of Alberta
Ricardo Torquato University of Campinas
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<th>Name</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>Fernanda Trindade</td>
<td>University of Campinas</td>
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<tr>
<td>Bruce Muschltz</td>
<td>Novatech/Bitronics</td>
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<td>John Foglio</td>
<td>Con Edison CO. OF NY</td>
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<td>Tom Short</td>
<td>EPRI</td>
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<td>Cynthia Yin</td>
<td>Hydro One Networks Inc.</td>
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