**JSIS / Oscillation Analysis Work Group (OAWG) – Report / Activities**

1. **OAWG Conf. Call Meetings held since May 22 to August 27, 2014**

* June 4, 2014
* June 18, 2014
* July 2, 2014
* July 16, 2014
* Meeting scheduled for July 30, 2014 was cancelled
* August 13, 2014
* August 27, 2014
* This is the meeting scheduled for Sept 10, 2014

The Agenda for these meeting is/was:

1. Keeping track of System Events

2. Keeping track of Probing Tests

3. Keeping track of progress on obtaining Probing Test PMU data for analyses

4. JSIS Agenda during the last two meeting

5. Member Reports

1. **Keeping track of System Tests:** (Test performed on dates highlighted below)

**Phase 1** (calibration and benchmarking of wide-area probing signal) will be done on

* **March 13, 2014** with an alternative dates of March 14, 2014 or March 20, 2014

**Phase 2** (periodic PDCI probing) will be done on (every other Thursday starting March 20, 2013):

* **March 20, 2014** with an alternative date of March 21, 2014
* **April 3, 2014** with an alternative date of April 4, 2014
* **April 16, 2014** with an alternative date of April 18, 2014
* **~~April 30, 2014~~** ~~with an alternative date of May 2, 2014~~
* **May 14, 2014** with an alternative date of May 16, 2014
* **May ~~29~~, 28 2014** with an alternative date of May 30, 2014
* **June 12, 2014** with an alternative date of June 13, 2014
* **June 26, 2014** with an alternative date of June 27, 2014
* **July 10, 2014** with an alternative date of July 11, 2014
* **July ~~24~~, 25 2014** with an alternative date of July 25, 2014
* **August 7, 2014** with an alternative date of August 8, 2014
* **August 21, 2014** with an alternative date of August 22, 2014
* **September 4, 2014** with an alternative date of September 5, 2014

**Phase 3** (full-scale oscillation analysis tests and wide-band probe) will be done on:

* **April ~~10~~ 24, 2014** with alternate days of April 11, 15, 18 for early spring season
* **June 19, 2014** with alternate days of June 20, 24, 25 for hydro run-off season
* **September 11, 2014** with alternate days of September 12, 18, 19 for late summer season

1. **Keeping track of data provided by Peak Reliability to BPA, MT and WSU** (data provided on dates highlighted)

**Phase 1** (calibration and benchmarking of wide-area probing signal) will be done on

* March 13, 2014

**Phase 2** (periodic PDCI probing) will be done on (every other Thursday starting March 20, 2013):

* March 20, 2014
* April 3, 2014
* April 16, 2014
* April 30, 2014
* May 14, 2014
* May 28 2014
* June 12, 2014
* June 26, 2014
* July 10, 2014
* July 25 2014
* August 7, 2014
* August 21, 2014
* September 4, 2014

**Phase 3** (full-scale oscillation analysis tests and wide-band probe) will be done on:

* April 24, 2014
* June 19, 2014
* September 11, 2014

1. **Keeping track of System Events:**

Date Local time GMT Time/date Frequency Time to recover

05/16/14 23:18 PDT 06:18 \* 59.727 9

05/26/14 12:31 PDT 17:31 59.812 8

05/26/14 17:31 PDT 00:31 (05/27/14) 59.665 14

06/06/14 03:37 PDT 10:37 59.884 11

06/12/14 18:07 PDT 1:06 (06/13/14) 59.884 3

06/14/14 11:22 PDT 18:22 59.901 8

07/02/14 14:47 PDT 21:47 59.862 10

07/15/14 11:19 PDT 18:19 59.904 5

08/16/14 06:04 PDT 13:04 60.103 10

1. **Preparation of Statement of Work for WECC North-South and East-West Oscillation Mode Study.**

The SOW prepared by Bill/Armando was submitted to Dmitry and WECC for revision/approval

1. **People who attended the OAWG include:**

Donald Davies – WECC

Kent Bolton – WECC

Dmitry Kosterev - BPA

Daniel Goodrich – BPA

Jim Burns – BPA

Bill Mittelstadt – BPA Consultant

Hongming Zhang – Peak Reliability

James O’Brien – Peak Reliability

Jim Hiebert - CAISO

Jeff Dagle – PNNL

Frank Tuffner – PNNL

Jim Follum – PNNL

Ning Zhou – Binghamton University

Dan Trudnowski – Montana State University

Mani Venkatasubramanian – Washington State University

John Hauer – Unaffiliated

Armando Salazar – SCE (Chair)