

IEEE PC37.86 Working Group Minutes
20:00 PM – 22:00 PM (EDT), February, 16, 2023

Teleconference/Webex

Meeting Minutes Recorded by:

Chair: Jianmin Xue

1. Call to Order

The meeting was called to order at 20:00 pm (EDT) by the Working Group Chair, Jianmin Xue.

2. Roll call and Declaration of Affiliation

Introduction of Members and Observers.

Attendees introduced themselves and stated their affiliations.

- 11 of 15 voting-members present
- 9 non-voting members

3. Quorum verification

Yes – Quorum was met.

4. Approval of Meeting Agenda

Motion by Panke Hou to approve meeting agenda.

2nd by Dege Li.

Approved by consent.

5. Approval of previous meeting minutes

Motion by Lifan Yang was to “Approve previous meeting minutes with revision of the Participant Type designations.”.

2nd by Jeff Mizener.

3rd by Jinsong He.

Approved by consent.

6. Call for patents, copyright issues

IEEE Patent and IEEE Copyright slides shown.

No issues reported.

7. IEEE Entity Participation Behavior

The entity participation behavior was presented. There were no questions or concerns.

8. Discussion on the draft framework

The discussion is as follows:

- 1) Add a section about Service Conditions.
- 2) Write the draft refer to the template.

IEEE PC37.86 Working Group Minutes
20:00 PM – 22:00 PM (EDT), February, 16, 2023

Teleconference/Webex

Meeting Minutes Recorded by:

Chair: Jianmin Xue

9. Division of draft framework

The division is as follows:

| Chapter | Responsible Department | |
|---|---|---|
| Chapter 1. Overview | XJ Group Corporation | |
| Chapter 2. Normative references | XJ Group Corporation | |
| Chapter 3. Definitions, acronyms, and abbreviations | XJ Group Corporation All departments participate | |
| Chapter 4. Architecture | XJ Group Corporation | |
| Chapter 5. Functional scope | China Southern Power Grid | |
| | Chapter 5.1 | China Southern Power Grid |
| | Chapter 5.2 | Schneider Electric |
| | Chapter 5.3-5.6 | ABB |
| Chapter 6. Hardware technical requirements | Siemens | |
| Chapter 7. Software technical requirements | Beijing Sifang Automation Co. Ltd | |
| Chapter 8. Test requirements | State Grid Corporation of China (SGCC) | |
| Chapter 9. Tests rules | XJ Group Corporation | |
| Service Conditions | Siemens | |
| Annex | XJ Group Corporation | |

10. Future Working Group Meetings

The next meeting is tentatively scheduled in the late of February 2023, there will be adjustments depending on the completion of the draft, the details are subject to the notice of the meeting.

11. Adjourn

Adjourn at 22:00 pm (EDT).

IEEE PC37.86 Working Group Minutes
20:00 PM – 22:00 PM (EDT), February, 16, 2023

Teleconference/Webex

Meeting Minutes Recorded by:

Chair: Jianmin Xue

IEEE PC37.86 Working Group Minutes
20:00 AM – 22:00 PM (EDT), February, 16, 2023

Teleconference/Webex

Meeting Minutes Recorded by:

Chair: Jianmin Xue

Attendance

| Name (Last, First) | Employer | Membership & Participant Type | 2023-02-16 Attendance |
|---------------------------|--|--|------------------------------|
| Jianmin Xue | XJ Group Corporation | VM-DR(Chair) | VM-DR(Chair) |
| Shuai Zhang | China Southern Power Grid | VM-DR(VC) | VM-DR(VC) |
| Jingjing Huang | Xi'an Jiaotong University | VM-DR(Sec) | |
| Edwards, Doug | Siemens | VM-ExO | VM-ExO |
| Flowers, Keith | Siemens | VM-ExO | VM-ExO |
| Swing, Donnie | Powell Industries | VM-ExO | VM-ExO |
| Webb, John | ABB | VM-ExO | |
| Dege Li | State Grid Corporation of China (SGCC) | VM-DR | VM-DR |
| Jihua Hu | Beijing Sifang Automation Co. Ltd | VM-DR | VM-DR |
| Lifan Yang | Schneider Electric | VM-DR | VM-DR |
| Mizener, Jeff | Siemens | VM-DR | VM-DR |
| Panke(Kevin) Hou | ABB | VM-DR | VM-DR |
| Wei Lv | Tianjin University | VM-DR | |
| Rodriguez-Melendez, Julio | Siemens | VM-DRA | |
| Thomas, Christo | Schneider Electric | VM-SCR | VM-SCR |
| Bingxin Wu | XJ Group Corporation | NVM-O(Ent) | |
| Blake, Randy | Schneider Electric | NVM-O(Ent) | |
| Burns, Robert | Eaton | NVM-O(Ent) | |
| Bush, Kelsey | ABB | NVM-O(Ent) | |
| Came, Clint | Schneider Electric | NVM-O(Ent) | |
| Chao Wang | State Grid Corporation of China (SGCC) | NVM-O(Ent) | |
| Chhabra, Mohit | S&C Electric Co. | NVM-O(Ent) | |
| Christian, Michael | ABB | NVM-O(Ent) | |

IEEE PC37.86 Working Group Minutes
20:00 PM – 22:00 PM (EDT), February, 16, 2023

Teleconference/Webex

Meeting Minutes Recorded by:

Chair: Jianmin Xue

| Name (Last, First) | Employer | Membership & Participant Type | 2023-02-16 Attendance |
|---------------------------|--|--|------------------------------|
| Davies, Stacey | Siemens | NVM-O(Ent) | |
| Doroz, Arkadiusz (Erik) | Eaton | NVM-O(Ent) | |
| Duo Qiu | XJ Group Corporation | NVM-O(Ent) | NVM-O(Ent) |
| Grahor, Lou | Eaton | NVM-O(Ent) | |
| Hairong Yu | XJ Group Corporation | NVM-O(Ent) | |
| Hardy, Erin | Eaton | NVM-O(Ent) | |
| Hawkins, Tom | Siemens | NVM-O(Ent) | |
| Heinrich, Christian | Siemens | NVM-O(Ent) | |
| Hill, Douglas | S&C Electric Co. | NVM-O(Ent) | |
| Hongxin Ju | XJ Group Corporation | NVM-O(Ent) | |
| Hrncir, Dan | Eaton | NVM-O(Ent) | |
| Jiefeng Pang | XJ Group Corporation | NVM-O(Ent) | |
| Jinsong He | China Southern Power Grid | NVM-O(Ent) | NVM-O(Ent) |
| Kaminski, John | Siemens | NVM-O(Ent) | |
| Kapitula, John | ABB | NVM-O(Ent) | |
| Liang Guo | State Grid Corporation of China (SGCC) | NVM-O(Ent) | NVM-O(Ent) |
| Longtian Wang | Siemens | NVM-O(Ent) | NVM-O(Ent) |
| Mingchao Yong | XJ Group Corporation | NVM-O(Ent) | |
| Pal, Sumitabha | Schneider Electric | NVM-O(Ent) | |
| Parks, Owen | ABB | NVM-O(Ent) | |
| Santos, Leonel | Schneider Electric | NVM-O(Ent) | |
| Sippel, Kevin | Eaton | NVM-O(Ent) | |
| Sullivan, Dustin | Hubbell | NVM-O(Ent) | |
| Tang Xi | Beijing Sifang Automation Co. Ltd | NVM-O(Ent) | |
| Trichon, Francois | Schneider Electric | NVM-O(Ent) | |
| Wilkie, Eddie | Eaton | NVM-O(Ent) | |
| Wusheng Lan | XJ Group Corporation | NVM-O(Ent) | |
| Xuedong (Donny) Qiu | ABB | NVM-O(Ent) | NVM-O(Ent) |
| Yang Liu | XJ Group Corporation | NVM-O(Ent) | |
| Yong Wei | XJ Group Corporation | NVM-O(Ent) | |
| Zhang Nuo | XJ Group Corporation | NVM-O(Ent) | |

IEEE PC37.86 Working Group Minutes
20:00 PM – 22:00 PM (EDT), February, 16, 2023

Teleconference/Webex

Meeting Minutes Recorded by:

Chair: Jianmin Xue

| Name (Last, First) | Employer | Membership & Participant Type | 2023-02-16 Attendance |
|---------------------------|---|--|------------------------------|
| Zhaoyan Guo | Siemens | NVM-O(Ent) | |
| Zhe Jiang | Huadian Instrument Testing Research Institute | NVM-O(Ent) | NVM-O(Ent) |
| Zhi Li | State Grid Corporation of China (SGCC) | NVM-O(Ent) | NVM-O(Ent) |
| Zhou Xin | Eaton | NVM-O(Ent) | |
| Beseda, David | S&C Electric Co. | NVM-O(Ind) | |
| Gagnon, Hubert | NDB Technologies | NVM-O(Ind) | |
| Hirz, Harry | G&W Electric | NVM-O(Ind) | |
| Johnson, Travis | Xcel Energy | NVM-O(Ind) | |
| Kelly, John | USBR | NVM-O(Ind) | |
| Livshitz, Albert | CE Power | NVM-O(Ind) | |
| Sauve, Todd | Rockwell Automation | NVM-O(Ind) | |
| Trost, Karla | G&W Electric | NVM-O(Ind) | |
| Uzelac, Nenad | G&W Electric | NVM-O(Ind) | |
| Jiajia Liu | IEEE SA | NVM-IEEE | NVM-IEEE |
| Santulli, Jenn | IEEE SA | NVM-IEEE | NVM-IEEE |

Participant Type Key

| Participant Type Description | Abbreviations |
|---|----------------------|
| Voting Member – Entity Member(chair) | VM-DR(Chair) |
| Voting Member – Entity Member(Vice-Chair) | VM-DR(VC) |
| Voting Member - Entity Member (Secretary) | VM-DR(Sec) |
| Voting Member - Ex-Officio | VM-ExO |
| Voting Member - Entity Member - Designated Representative (DR) | VM-DR |
| Voting Member - Entity Member - Designated Representative Alternative (DRA) | VM-DRA |
| Voting Member - Standards Committee Representative (SCR) | VM-SCR |
| Non-Voting Member - Liaison Coordinator | NVM-Liaison |
| Non-Voting Member - Observer (Entity) | NVM-O(Ent) |
| Non-Voting Member - Observer (Individual) | NVM-O(Ind) |
| Non-Voting Member - IEEE Staff | NVM-IEEE |