




---

**Power Quality Working Group (PQWG)**


---

**MINUTES OF MEETING # 1**

**Date** : MONDAY, 17-05-2003 (28-03-1425)  
**Time** : 9:00 AM- 12:35 PM  
**Venue** : SEC Head Quarter- Al Faisaliah Tower, Riyadh

**Attendees :**

S.N	NAME	JOB TITLE
1.	Mubarak Al-Mulhim	SEC – VP, Transmission Asset Planning & Development
2.	Laith A. Al-Bassam	SEC – Asset Performance & Service quality
3.	Hamed Al-saggaf	SEC – Transmission Regulation
4.	Basheer Al-Abduljabar	SEC – Technical Services, CTA
5.	Abdulrahman Al-Shabnan	SEC – Asset Performance & Service Quality
6.	Khaled Al-Gahmdi	SEC – Asset Performance & service Quality
7.	Ali Al-Juaib	SEC – Asset Performance & Service Quality
8.	Nayef Felemban	SEC – System Operations, DTA
9.	Dr. Yousef Al-Turki	KA AU (Main member)
10.	Dr. Othman Al-Natheer	KACST – National Energy Efficiency Program-NEEP (Main member)
11.	Arshad Abed	SABIC – (Main member)
12.	Husain Al-Alabbad	SABIC – (alternate member)
13.	Sami Al-Hawais	Saudi Aramco – Power Distribution Department (Main member)
14.	Khaled Al-Ghadhban	Saudi Aramco – Power Distribution Department (alternate member)
15.	Asaad Al-Esaa	RCJY (Main member)
16.	Firoz Ahmad	KFUPM (alternate member)

**Minutes:**
**A. Introductory Remark:**

Mr. Mubarak Al-Mulhim, SEC Vice President for Transmission Asset Planning and Development started the meeting by welcoming all attendees and thanking them for attending the first **Power Quality Working Group (PQWG)** meeting. He stressed on the need for such group to exchange and unify all information and technical data related to power quality (PQ) issues in the Kingdom. He added that this group will form a good interconnection tool between SEC, its major bulk customers and Kingdom research institutions. He pointed out that the group is expected to meet on a quarterly basis and



### Power Quality Working Group (PQWG)

---

will have a unified presentation on the subject in the upcoming annual (2005) PQ Workshop.

Mr. Mubarak also mentioned that, as per the recommendations of 2004 PQ Workshop held in Riyadh, SEC has started very initial steps with KASCT to conduct a joint PQ Standards Study with an objective to establish national minimum standards for transmission PQ / Performance Indices. He indicated that Saudi Aramco has verbally expressed willing to participate in the study and they are sending the official response to KACST. Mr. Mubarak urged SABIC to do so in order that all parties will be involved in such important study. He asked representatives of both Saudi Aramco and SABIC to follow up on this matter with their companies.

#### **B. Main Discussion Points:**

Then Mr. Laith Al-Bassam, Chairman of the meeting, reviewed the meeting agenda and the following were discussed:

1. The last workshop recommendations were reviewed by PQWG members.
2. It was decided that a secretary will be appointed for this group. He shall coordinate and minutes the meetings. SEC will nominate one of its representatives from Asset Performance & Service Quality Department as a secretary.
3. PQWG members agreed that a PQWG charter will be written by the secretary and later, reviewed and approved by the group with the following outline:

Mission: To exchange power quality data and information and follow up on recommendations and to promote the enhancement of power quality issues.

Objectives:

- A. Reporting disturbances.
  - B. Identifying PQ problems.
  - C. Follow up.
  - D. Enhance coordination between all parties.
  - E. Develop PQ data base.
  - F. Exchange information & experiences.
  - G. To exchange power quality information and experiences
4. It was decided that members will set their own definition of disturbance and the group will evaluate the definitions on the next meeting.



**Power Quality Working Group (PQWG)**

---

5. Dr. Othman Al-Natheer shed light on the planned minimum PQ standards study proposed to be carried out by KACST. He stated that the final preliminary proposal will be handed out to SEC by the end of May 2004.
6. The secretary will prepare a disturbances report form which will be then filed by Saudi Aramco and SABIC and sent to SEC (PQWG secretary) on the 5<sup>th</sup> of each month, SEC will then match the disturbances with their database and send it back to PQWG members.
7. It was decided that SABIC will host the next meeting on September 15, 2004 at Jubail. The last meeting of this year will be hosted by Saudi Aramco on December 15, 2004 at Dhahran. The meetings will be chaired by a member of the hosting company.
8. PQWG suggested that the 3<sup>rd</sup> PQ Workshop will be held on March 15, 2005 in Jeddah. PQWG members will prepare one common presentation on 2004 disturbances. Other agenda items for the workshop will be discussed in the upcoming PQWG meetings.

The meeting adjourned at 12:35 hrs.



**Power Quality Working Group (PQWG)**

---

**2004 MEETING SCHEDULE**

<b>Meeting #</b>	<b>Meeting Date</b>	<b>Host</b>	<b>Location</b>
1	May 17, 2004	SEC	Riyadh
2	September 15, 2004	SABIC	Jubail
3	December 15, 2004	Saudi Aramco	Dhahran

**ACTION ITEMS**

<b>ITEM</b>	<b>RESPONSIBLE</b>	<b>DUE DATE</b>	<b>COMMENTS</b>
Secretary nomination	SEC	May 30, 2004	
National minimum standards study, final proposal	KACST	May 31, 2004	
Disturbance definition	All	September 15, 2004	
PQWG Charter	PQWG Secretary	Jun 15, 2004	



## Power Quality Working Group (PQWG)

البريد الالكتروني	الهاتف	الجهة	الاسم	تسلسل
<a href="mailto:TAPVP@SE.COM.SE">TAPVP@SE.COM.SE</a>	01-4619150	الشركة السعودية للكهرباء	مبارك الملحم	1
<a href="mailto:APAPMG@SE.COM.SA">APAPMG@SE.COM.SA</a>	01-4050261	الشركة السعودية للكهرباء	ليث البسام	2
<a href="mailto:APTRGMG@SE.COM.SA">APTRGMG@SE.COM.SA</a>	01-4032222-10582	الشركة السعودية للكهرباء	حامد السقاف	3
<a href="mailto:H5BMJ@SE.COM.SA">H5BMJ@SE.COM.SA</a>	77511	الشركة السعودية للكهرباء	بشير العبد الجبار	4
<a href="mailto:APQPQDV@se.com.sa">APQPQDV@se.com.sa</a>	01-4032222-10331	الشركة السعودية للكهرباء	عبد الرحمن الشبنان	5
<a href="mailto:APQCTDV@se.com.sa">APQCTDV@se.com.sa</a>	03-8586964	الشركة السعودية للكهرباء	خالد الغامدي	6
<a href="mailto:APQDTDV@se.com.sa">APQDTDV@se.com.sa</a>	01-4032222-10294	الشركة السعودية للكهرباء	علي الجعيب	7
<a href="mailto:NFELEMBAN@se.com.sa">NFELEMBAN@se.com.sa</a>	055597239	الشركة السعودية للكهرباء	نايف حمزه فلمبان	8
<a href="mailto:YATURKI@yahoo.com">YATURKI@yahoo.com</a>	055530985	جامعة الملك عبد العزيز	د/ يوسف التركي	9
<a href="mailto:ONATHEER@KACST.EDU.SA">ONATHEER@KACST.EDU.SA</a>	01-4813809	مدينة الملك عبد العزيز للعلوم والتقنية	د/ عثمان عبد الله النذير	10
<a href="mailto:ABEDAD@kemya.sabic.com">ABEDAD@kemya.sabic.com</a>	03-3576044	سابك	أرشد عابد	11
<a href="mailto:ABBADHA@petrokemya.sabic.com">ABBADHA@petrokemya.sabic.com</a>	03-3577212	سابك	حسين العباد	12
<a href="mailto:SAMI.HUWAIS@aramco.com">SAMI.HUWAIS@aramco.com</a>	03-872-3991	ارامكو السعودية	سامي الحويش	13
<a href="mailto:KHLED.GHADHBAN@aramco.com">KHLED.GHADHBAN@aramco.com</a>	03-8729718	ارامكو السعودية	خالد الغضبان	14
<a href="mailto:EESAA@rcjubail.gov.sa">EESAA@rcjubail.gov.sa</a>	03-3414547	الهيئة الملكية للجبيل و ينبع	أسعد العيسى	15
<a href="mailto:FIROZ@kfupm.edu.sa">FIROZ@kfupm.edu.sa</a>	03-8608871	جامعة الملك فهد للبترول والمعادن	فيروز احمد	16