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ADVISORY COMMITTEE ON ELECTRIC POWER, (ITALY)  
FEB. - SEPT. 1945

5404/CC

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ALLIED COMMISSION

## LIST OF PAPERS

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(CENTRAL ITALY)**CONFIDENTIAL**

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+ + + + +				
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**CONFIDENTIAL**

*Handwritten notes:* 10/1/45, 10/8/45, 10/12/45

ADVISORY COMMITTEE ON ELECTRIC POWER  
(CENTRAL AND SOUTHERN ITALY)

Telephone  
Rome 489081 - Ext. 317

28 September 1945

M I N U T E S

A joint meeting of the Central and Southern Italy Advisory Committees was held at 1500 hours on Monday September 17th, 1945 in the offices of Società Romana di Elettricità - Rome.

Present :

- Dr. Eng. A. Rovelli - Acting Chairman
- Prof. Eng. A. Aste - Vice-Chairman
- Dr. Eng. T. Masturzo - Member
- Dr. Eng. G. Maione - "
- Prof. Eng. A. Angelini - "
- Dr. Eng. C. Fascetti - "
- Dr. Eng. F. Berlucchi - Secretary
- Dr. Eng. D. Pietromarchi - In attendance

Dr. Eng. Landucci had informed that Committee that he would be unable to join the meeting and that the report of Selv-Valdarno had been submitted to Eng. Aste.

- 1) - Rehabilitation programme in connection with repairs and construction of new machinery and equipment

Reports are being received from the Electrical Companies, showing their programmes and material requirements.

It was shown that the exceedingly high prices for new machinery to be manufactured in the north would considerably affect the rehabilitation work. The Committee agreed that a general priority scheme and lists of material required (showing date on which they have to be delivered), be prepared in connection with the reconstruction programmes of the Power Companies and then submitted to the responsible Italian Bodies.

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*(Handwritten initials)*

Mr. Eng. Lenducci had informed that Committee that he would be unable to join the meeting and that the report of Selt-Valderne had been submitted to Eng. Asta.

1) - Rehabilitation programme in connection with repairs and construction of new machinery and equipment

Reports are being received from the Electrical Companies, showing their programmes and material requirements.

It was shown that the exceedingly high prices for new machinery to be manufactured in the north would considerably affect the rehabilitation work. The Committee agreed that a general priority scheme and lists of material required (showing date on which they have to be delivered), be prepared in connection with the reconstruction programmes of the Power Companies and then submitted to the responsible Italian Bodies.

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2) - Standardization of frequency and power interchange between Central and Southern Italy

Eng. Pietromaroni reported on the operation at 50 cycles of the Central Italy Grid. Only a limited increase in demand had been observed and minor troubles on the customers' side.

Eng. Asta reported that a complaint had been received from Consorzio Bonifiche Pontina in connection with troubles at the pumping stations. Arrangements are now being made to adjust the units for the new frequency and this matter is also discussed with RIVA Manufacturing Company.

Eng. Rovelli stated that the thermal generating station at S. Paolo would be able to run at 50 cycles.

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Eng. Masturzo reported on the possibility of raising to 50 cycles the frequency of S.T. system (Southern Italy). Present day frequency is 43.5 cycles; tests were made at 44.5 and an increase of about 5% in demand was experienced so that it is estimated that raising frequency from 43.5 to 50 cycles will bring about a considerable increase in system demand. Eng. Masturzo also explained that the situation in Southern Italy is quite deficient from Central Italy due to a much large percentage of industrial consumers whose demand will considerably be affected by the rises of frequency. Several months would be required by Acquedotto Pugliese Coy. to adopt the machinery for the 50 cycle operation. The Royal Navy Dockyard situation is also being discussed.

Eng. Angelini reported that power would be available from the TERNI system to SWE only at 50 cycles through the 150 KV line; this supply is expected to commence about the end of October.

After much discussion the Committee pointed out three possible solutions :

- (a) To receive power at 50 cycles from Central Italy and make arrangements to provide a separate 50 cycle area "Apulia", considering that Naples grid cannot be operated at this frequency due to interconnection with Cepuano steam plant which can only operate at 45 cycles.
- (b) To receive at 50 cycles from Central Italy providing a separate area (Apulia) at 50 cycles, in parallel with some generating stations of Sile running at the same frequency. This would provide a better regulation of load received through the interconnecting system.
- (c) To receive power at 45 cycles 150 KV from a separate unit of Gallato station.

The matter of interconnecting Central and Southern Italy, special regard to (a) and (c) will also be discussed then be submitted

line; this supply is expected to commence about the end of October. After much discussion the Committee pointed out three possible solutions:

- (a) To receive power at 50 cycles from Central Italy and make arrangements to provide a separate 50 cycle area "Apulia", considering that Naples grid cannot be operated at this frequency due to interconnection with Japanese steam plant which can only operate at 45 cycles.
- (b) To receive at 50 cycles from Central Italy providing a separate area (Apulia) at 50 cycles, in parallel with some generating stations of Sicily running at the same frequency. This would provide a better regulation of load received through the interconnecting system.
- (c) To receive power at 45 cycles 150 KV from a separate unit of Galleto station.

The matter of interconnecting Central and Southern Italy, special regard to (a) and (c) will also be discussed by ANIKI Company and SUE; a report will then be submitted to Allied Commission and to the Ministry of Public Works.

*Dr. Eng. Francesco Rinaluzzi*  
Dr. Eng. FRANCESCO RINALUZZI  
 Secretary to the Committee

(10)

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NATIONAL ADVISORY COMMITTEE ON ELECTRIC POWER (ITALY) **OCT 2 1945**

Telephone  
Rome 483091 - Ext. 317

MINUTES

The first meeting of the National Advisory Committee on Electric Power (Italy) was held at 1000 hrs on Friday 27th July 1945 at the Ministry of Public Works Building - Porte Pia - Rome.

Present :

- |                         |                                  |
|-------------------------|----------------------------------|
| Prof. Eng. M. Visentini | - Chairman                       |
| Prof. Eng. A. Angelini  | - Member                         |
| Prof. Eng. A. Asta      | - "                              |
| Dr. Eng. F. Benedetto   | - "                              |
| Dr. Eng. P. Casini      | - substituting Dr. Eng. Fiorelli |
| Prof. Eng. I. Ippolito  | - "                              |
| Dr. Eng. I. Masturzo    | - Member                         |
| Dr. Eng. A. Rovelli     | - "                              |
| Dr. Eng. G. Silva       | - "                              |
| Dr. Eng. E. Virgili     | - "                              |
| Dr. Eng. F. Barluzzi    | - Secretary                      |
| Lt. Col. W. J. Lapper   | - In attendance                  |
| Lt. Col. G. F. Parker   | - "                              |
| Lt. Col. V. S. Renton   | - "                              |
| Dr. Eng. C. Fascetti    | - "                              |
| Dr. Eng. P. Ferrerio    | - "                              |
| Prof. Eng. G. Meione    | - "                              |

1) - Explanation by Prof. Eng. M. Visentini on the functions and purpose of the Committee

3408  
Eng. Visentini reported briefly on the electrical situation in Italy after the Allied liberation and on the initial activity of Allied Commission in order to carry out all necessary restoration work. To assist and advise on this work Advisory Committees on Electric Power were

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- Dr. Eng. F. Benedetto - "
- Dr. Eng. R. Casini - substituting Dr. Eng. Fiorelli
- Prof. Eng. Ippolito - "
- Dr. Eng. T. Masturzo - Member
- Dr. Eng. A. Revelli - "
- Dr. Eng. G. Silva - "
- Dr. Eng. E. Virgili - "
- Dr. Eng. P. Berluzzi - Secretary
- Lt. Col. W.M. Lepper - In attendance
- Lt. Col. G.F. Parker - "
- Lt. Col. V.S. Renton - "
- Dr. Eng. C. Paschetti - "
- Dr. Eng. P. Ferrario - "
- Prof. Eng. G. Maione - "

1) - Explanation by Prof. Eng. M. Visentini on the functions and purpose of the Committee

3408

Eng. Visentini reported briefly on the electrical situation in Italy after the Allied liberation and on the initial activity of Allied Commission in order to carry out all necessary restoration work. To assist and advise on this work Advisory Committees on Electric Power were now operating in the following areas and were established in the following order:

- (1) Central Italy
- (2) Southern Italy
- (3) Sardinia
- (4) Sicily
- (5) Northern Italy

The purpose of these Committees was to recommend and advise the Ministry of Public Works on all matters pertaining to electricity throughout Italy. The constitution of the Committee, following the suggestion of Lt. Col. Lepper of Allied Commission may be altered from time to time in order to obtain the highest efficiency. The National Committee now formed, will coordinate the work of the Regional

(9)

Committees and submit recommendations to the Ministry of Public Works.

Eng. Visentini expressed his best thanks to Lt.Col. Lapper and to his assistants for the very friendly way in which they had assisted during the reconstruction work and proposed the appointment of :

Lt.Col. W.M. Lapper as Honorary Chairmen to the Committee  
 Lt.Col. G.F. Parker as Honorary Vice-Chairmen  
 Lt.Col. V.S. Renton as Honorary Member

Further appointments will be made at a later date.

Eng. Ferrerio also expressed his thanks to Lt.Col. Lapper and to his assistants for their help given to Italy in such a critical period and promised his true collaboration to Lt.Col. G.F. Parker who will succeed Lt.Col. Lapper.

The Committee approved the appointment of Honorary members suggested by Mr. Visentini.

Lt.Col. Lapper thanked the Chairman, Eng. Ferrerio and the Committee for nominating himself and his assistants as Honorary Members of the Committee. He congratulated the electrical companies on the very fine work which they had carried out in the most difficult conditions. Lt.Col. Lapper said that they had enjoyed working with Italian engineers and he regretted that as he was now leaving for England it would not be possible to attend any further meetings of the National Committee. He hoped that the Italian Engineers would be able to visit America and England in order to establish technical relations.

- 2) - To review progress of repairs of generating plants and transmission systems
- 3) - Report from the Regional Committees and operation programme for the period July - December 1945

Prof. Eng. Visentini suggested to review item 2) and 3) of the Agenda together due to lack of time.



Lt. Col. Laprer thanked the Chairman, Eng. Ferrerio and the Committee for nominating himself and his assistants as Honorary Members of the Committee. He congratulated the electrical companies on the very fine work which they had carried out in the most difficult conditions. Lt. Col. Laprer said that they had enjoyed working with Italian engineers and he regretted that as he was now leaving for England it would not be possible to attend any further meetings of the National Committee. He hoped that the Italian Engineers would be able to visit America and England in order to establish technical relations.

- 2) - To review progress of repairs of generating plants and transmission systems
- 3) - Report from the Regional Committees and operation programme for the period July - December 1945

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Prof. Eng. Visentini suggested to review item 2) and 3) of the Agenda together due to lack of time.

He reported on the general situation of the electrical companies and hydroelectric stations.

Data on present day operation and forecasts for 1946 were submitted to the Committee.

Prof. Eng. Impolito reported on the electrical situation in Sicily: Palermo and Porto Dipecolele steam stations were the only damaged plants. Difficulties are being experienced in the supply of maintenance material. Consideration was being given to assistance from Southern Italy and projects for overhead power lines were being examined.

Eng. Casini reported on the electrical situation in Sardinia. Only minor damages at Tiroso and S. Caterina stations which caused 25% drop in output (now only 10%).

S. Caterine not yet completely repaired; material needed for maintenance.

Mining industries will be of great importance in the future electrical scheme.

Eng. Casturzo reported that following war damage the capacity of generating stations had been reduced of 55% and their output of 59%. Also 67% of transmission lines, 54% of transformer capacity and 61% capacity of synchronous condensers were out of service. Present day availability is 60 - 70% and will be 80 - 90% at the end of 1945.

In order to overcome curtailment of customers 50 MW and 30,000,000 kWh per month are needed.

Eng. Rovelli reported on the electrical situation in Central Italy before and immediately after liberation. The capacity of generating stations had been reduced to 11%. Present day availability is 30% for capacity of generating stations, 22% for output, 70% for length of lines.

Data were submitted to the Committee on the power availability on present day and future requirements.

Prof. Angelini requested by Mr. Visentini reported on the large plants at Terni and on the Vomano Stations.

Prof. Ippolito informed the Committee that financial difficulties exist for the completion of the Vomano Plant.

Eng. Visentini stated that the financial question in connection with power distribution in various regions is very important and will be discussed at the next meeting.

Eng. Ferrario reported that the electrical situation in Northern Italy is good. Present day availability is 90% of normal. More damage reported on transmission lines but repairs are being carried out. Assistance can be given to Central Italy Electrical Companies.

3404



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Prof. Involito informed the Committee that financial difficulties exist for the completion of the Vemone Plant.

Eng. Visentini stated that the financial question in connection with power distribution in various regions is very important and will be discussed at the next meeting.

Eng. Ferrerio reported that the electrical situation in Northern Italy is good. Present day availability is 80% of normal. More damage reported on transmission lines but repairs are being carried out. Assistance can be given to Central Italy Electrical Companies.

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Eng. Benedetto reported on some damaged facilities in Northern Italy. The Livorno-Tvermasse line will permit exporting 90 MW to Central Italy.

Frequent breakdowns are now reported on transmission line due to lack of material and transport.

Eng. Virgili reported on the State Railways transmission system. Repair work is being carried out on the 130 KV Orte-Bressanone line and on the Rome-Minturno line. The main trouble is due to shortage of aluminum conductor.

The Committee recommended that steps be taken to increase the production of conductors and insulators, and that material (particularly mica) be imported from foreign countries if it cannot be produced in Italy now.

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Eng. Fascetti reported on the large distribution system supplied by UNES and on the importance of spare capacity being available.

Eng. Benedetto reviewed the serious troubles in distributing systems in Northern Italy and overloading of transformers and cables due to electricity now being used in the absence of other fuel.

The Committee agreed that the problem of spare capacity for Central Italy be studied in connection with Northern Italy and recommended that coal for Gas Works be urgently allocated to Northern Italy in view of the serious situation of distribution networks which will be seriously overloaded in winter time.

4) - Any other business

Eng. Visentini advised that meetings of the National Committee be held every two months, following the meetings of the Regional Committees.

The Committee agreed.

5) - Date and time of the next meeting

Next meeting will be held at 0930 hrs on September 12th 1945 at the Ministry of Public Works - Porte Pia, Rome.

  
Dr. Eng. FRANCESCO BARLUCCI  
 Secretary to the Committee

5) - Date and time of the next meeting

Next meeting will be held at 0930 hrs on September 12th 1945 at the Ministry of Public Works - Porta Pia, Rome.

*F. Barlucci*

DR. ENG. FRANCESCO BARLUZZI  
Secretary to the Committee

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OCT 15 1945

CENTRAL ITALY ELECTRICITY SCHEME

Telephone

Rome 489081 - Ext. 317

28 September 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (CENTRAL ITALY)

MINUTES

The ninth meeting of the Advisory Committee on Electric Power (Central Italy) was held at 0930 hours on Monday September 17th, 1945 in the offices of Società Romana di Elettricità - Via Poli - Rome.

Present :

- |                          |                   |
|--------------------------|-------------------|
| Dr. Eng. A. Rovelli      | - Acting Chairman |
| Prof. Eng. A. Asta       | - Vice Chairman   |
| Dr. Eng. G. Angelucci    | - Member          |
| Prof. Eng. A. Angelini   | - "               |
| Dr. Eng. C. Bassetti     | - "               |
| Dr. Eng. G. Landucci     | - "               |
| Dr. Eng. E. Virgili      | - "               |
| Dr. Eng. F. Barluzzi     | - Secretary       |
| Lt. Col. V.S. Reaton     | - In attendance   |
| Dr. Eng. D. Pietromarchi | - "               |

56) - Minutes of the eighth meeting of the Committee held on August 20, 1945

The minutes were approved.

57) - To review progress of repairs to generating stations and transmission systems.

It was reported (see min. 50) that Eng. Feno of Romana Coy. was going to Northern Italy to investigate on the matter of available electric material recovered by the Allies.

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Present :

- |            |                 |                   |
|------------|-----------------|-------------------|
| Dr. Eng.   | A. Rovelli      | - Acting Chairman |
| Prof. Eng. | A. Aste         | - Vice Chairman   |
| Dr. Eng.   | G. Angelucci    | - Member          |
| Prof. Eng. | A. Anguolini    | - "               |
| Dr. Eng.   | C. Pascetti     | - "               |
| Dr. Eng.   | G. Landucci     | - "               |
| Dr. Eng.   | E. Virgili      | - Secretary       |
| Dr. Eng.   | F. Barlucci     | - In attendance   |
| Lt. Col.   | V.S. Renton     | - "               |
| Dr. Eng.   | D. Pietromarchi | - "               |

56) - Minutes of the eighth meeting of the Committee held on August 20, 1945

The minutes were approved.

57) - To review progress of repairs to generating stations and transmission systems.

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It was reported (see min. 56) that Eng. Feno of Romana Coy. was going to Northern Italy to investigate on the matter of available electric material recovered by the Allies.

The Ministry of Public Works is looking into the matter (min. 54) of reconstruction of Albano-Pentimie transmission line.

Eng. Pascetti (UNES) reported that Gerosa 1st unit will come into operation by the end of September. Arrangements have been made with Escher Wyss Co. for the turbine of the 2nd unit; the reconstruction of Generator still being discussed with Brown Boveri Company.

Eng. Landucci (Salt-Valerona) reported that one unit (6000 KVA) at Galliano will probably be ready in October; Corfiro station is now repaired but water still short. About 90% of transmission lines is now repaired as well as 99% of towers. Copper conductor urgently needed.

Eng. Angelucci (AGEA) reported that all repairs are up to schedule. Saliseno station in operation by the end of October.

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Eng. Revelli (Romana Coy) reported that the 150 KV line Terni-Rome is now reactivated. Repairs proceeding on the Magliana-Morino-Cantarno 150 KV line. Delay in the rehabilitation of Morino, Tarife and Acquaria Stations is due to Marcelli Manufacturing Company and Terni Steel Works. Repairs to Cantarno reservoir are going on according to programme.

Eng. Virgili (Stato Railways) reported on Orte-Chiusi and Ponterno-Landerello line repairs. The letter will be completed in November 1945.

Eng. Angelini (Terni Coy) informed the Committee that all repairs are proceeding up to schedule.

58) - General situation of transport and allocation of vehicles

Allied Commission and Ministry of Public Works are looking into the matter of allocating trucks and cars directly to the Electrical Companies.

Eng. Asta informed the Committee on the procedure to be followed when making application for transport.

The Committee strongly recommended that new vehicles, now manufactured in Italy, be made available to the electrical companies.

It was reported that allied tyres will shortly be made available and the Committee recommended that a sufficient amount of tyres and gasoline be allowed to the electrical Companies.

59) - Operation programme and reports from the Director of the Master Control

Eng. Pietromarchi reported on the operation of the Central Italy grid from August 10 to September 10th, 1945.

Increase in voltage observed especially during the night; voltage on outcoming lines from Villavalle was decreased of 13%. No regulation possible in daytime due to system requirements.

3500  
Voltage situation on UNIS grid again unsatisfactory due to overloading on Gellato-Camerino line which causes a serious



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**3400**  
Voltage situation on UNES grid again unsatisfactory due to overloading on Galleto-Cancrino line which causes a serious voltage drop.

60) - Standardization of frequency and operation at 50 cycles of the Central Italy Grid

Eng. Asta reported that Consorzio Benificio Fontinie is studying with Rive Manufacturing Company the alterations to be made on their pumping stations in order to operate at 50 cycles.

Apart from other minor troubles the standardization scheme may be considered satisfactory in Central Italy.

61) - Any other business

It was reported that a certain amount of copper has been shipped to Italy from U.S.A. The Committee recommended that the allocation of this material be made in proportion to damage suffered by Electrical Companies.

800

The Committee recommended that allocations of cement to electrical companies be made from Cement Works located at reasonable distance from the assignee company.

Eng. Landucci reported that no answer had been received by Selt-Valdarno in connection with their request of trans-former oil. Allied Commission to look into this matter.

It was agreed that a "Liberation Allowance" of 3,000 lire will be granted to the personnel of the Master Control who are not directly employed by any of the electrical companies and namely:

- Eng. J. Colamerino
- Eng. G. Robertti
- Mr. M. Andreasi Bessi
- Mr. P. Scuderini
- Miss M.T. De Pleiscent

The "Liberation allowance" has actually been granted to all personnel employed by any company.

62) - Date and time of the next meeting

Next meeting will be held in the offices of Società Romana di Elettricità at 0900 hours on Monday October 15th, 1945.

  
 Dr. Eng. FRANCESCO BIRLUZZI  
 Secretary to the Committee



62) - Date and time of the next meeting

Next meeting will be held in the offices of Società Romana di Elettrotecnica at 0900 hours on Monday October 15th, 1945.

DR. ENG. FRANCESCO BARINZI  
Secretary to the Committee

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8a

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 Regional Commissioner Piemonte Region  
 (Att. Reg. Engineer) Liguria Region

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- Eng. Section AAFSCO/WTO - APO 528
- Eng. Ser. Southern District PBS - APO 782
- C.E. - PBS - APO 782 (2)
- HQ No 1 District
- C.E. No 3 District
- C.G. - R.A.A.C. (2)
- AFIRS - RAAC - CMTF
- HQ Adriatic Depot - APO 388 USA (2)
- Chief Commissioner AC
- Executive Commissioner HQ AC
- Vice President - Economic Section HQ, AC (2)
- Commerce S/C - Coal Division
- Public Relations Br. HQ, AC
- Agriculture Sub-Commission HQ, AC
- Food Sub-Commission HQ, AC
- Labour Sub-Commission HQ, AC
- Trans. Sub-Commission HQ, AC
- Industry Sub-Commission HQ, AC
- Regional Commissioner Piemonte Region
- (Att. Reg. Engineer) Liguria Region
- Lombardia Region
- Venezia Region

3398

File  
Spares

801

*Chief Commissioner 29*

SEP 8 1945

CENTRAL ITALY ELECTRICITY SCHEME

Telephone  
Rome 489081 - Ext. 317

27 August 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (CENTRAL ITALY)

M I N U T E S

The eighth meeting of the Advisory Committee on Electric Power (Central Italy) was held in the offices of Società Romana di Eletticità - Rome at 0900 hrs on Monday August 20th 1945.

Present :

- |            |                 |                   |
|------------|-----------------|-------------------|
| Dr. Eng.   | A. Rovelli      | - Acting Chairman |
| Prof. Eng. | A. Asta         | - Vice Chairman   |
| Dr. Eng.   | G. Angelucci    | - Member          |
| Prof. Eng. | A. Angelini     | - "               |
| Dr. Eng.   | C. Fascetti     | - "               |
| Dr. Eng.   | G. Landucci     | - "               |
| Dr. Eng.   | E. Virgili      | - Secretary       |
| Dr. Eng.   | F. Barluzzi     | - In attendance   |
| Lt. Col.   | G.F. Parker     | - "               |
| Lt. Col.   | V.S. Renton     | - "               |
| Dr. Eng.   | D. Pietromarchi | - "               |

Eng. Asta reported that Lt. Col. G.F. Parker (Chief Electrical Division, Allied Commission) and Eng. Visentini, General Inspector for Electricity, Water and Gas of the Ministry of Public Works had agreed to appoint Eng. Rovelli Acting Chairman to the Committee until the matter of Advisory Committees in Italy would be settled by the Italian Government.



5404/

- Prof. Eng. A. Asta
- Dr. Eng. G. Angelucci
- Prof. Eng. A. Angelini
- Dr. Eng. C. Fascetti
- Dr. Eng. G. Landucci
- Dr. Eng. E. Virgili
- Dr. Eng. F. Barluzzi
- Lt. Col. G. F. Parker
- Lt. Col. V. S. Renton
- Dr. Eng. E. Pietromarchi
- Vice Chairman
- Member
- "
- "
- "
- "
- Secretary
- In attendance
- "
- "

3397  
 Eng. Asta reported that Lt. Col. G. F. Parker (Chief Electrical Division, Allied Commission) and Eng. Visentini, General Inspector for Electricity, Water and Gas of the Ministry of Public Works had agreed to appoint Eng. Rovelli Acting Chairman to the Committee until the matter of Advisory Committees in Italy would be settled by the Italian Government.

Eng. Rovelli expressed his thanks.

49) - Minutes of the seventh meeting of the Committee held on July 16th, 1945

The minutes were approved.

50) - Matters arising from previous minutes

min. 44) Lt. Col. Parker reported that the War Material Disposal Division had been requested to take some steps in connection with the 43 MVA transformer of Terni Co., which is now supposed to be in Austria. The Committee recommended that lists of electric material now recovered by the Allies, be made available to the electrical companies in Italy.

8

51) Progress in rehabilitation of generating plants and transmission systems

Eng. Asta suggested that at the future meetings this item include a review on damages, repair work and present situation of electric facilities, in order to set up a complete report with all necessary details to be published in technical magazines. The Committee agreed.

Eng. Angelucci (AOEA) reported that repair work is proceeding up to schedule. Mandala Station will start operation this week.

Eng. Fascetti (UNES) reported that line repairs have now been completed but some new transformers are urgently needed (30/60 KV; 5-10 IVA.).

Difficulties are being experienced in connection with orders for machinery to be placed at the Northern Italy manufacturing companies.

The Committee recommended that lists of machinery and equipment required for electric systems and also material requirements for the rehabilitation program up to December 31st 1946, be prepared by all companies and submitted to the Regional and National Advisory Committee. A priority schedule will then be set up and financial arrangements discussed by the National Committee.

Lt.Col. Parker informed the Committee that some material not obtainable in Italy, had already been ordered from other countries.

Eng. Landucci (Valdarno) reported that within 1945, 75% of generating capacity will probably be reactivated.

Some difficulties as for UNES are experienced in connection with orders for new machinery to be manufactured in the north.

**339b** 11 substations are now in service but some of them have no spare capacity and the installed machinery is insufficient. Transformers (10/30 KV) are needed for switching cabins.

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Some difficulties as for UNES are experienced in connection with orders for new machinery to be manufactured in the north.

**339B** 11 substations are now in service but some of them have no spare capacity and the installed machinery is insufficient. Transformers (10/30 KV) are needed for switching cabins.

Eng. Rovelli (Romano Co.) reported that one unit is operating at Pontefiumo during peak load time with a daily production of 40,000 kWh. Water is supplied from the Pontefiumo reservoir.

Fontecups Station is already operating with one unit taken from Arci (4,500 KW).

Morino Station will probably be in operation by the mid of 1945; Farfa I and Acquorrie (one unit each) in February 1946.

8

Transmission line repairs are almost completed with the exception of Albano-Fontina line owned by Consorzio Bonifiche Fontine.

The Committee recommended that, in view of the importance of the area supplied through this line, the starting of repairs be expedited as much as possible.

Eng. Rovelli informed the Committee that Romana Co. had similar troubles as UMS and Velderno in connection with orders for big machinery to be manufactured in Northern Italy firms.

Eng. Angelini reported that the fourth Galleto unit will be ready by the end of October, some delay was due to unsatisfactory casting for the impeller. Repair work for Papigno station will require 5 to 6 months for the 1st unit and 7 to 8 months for the 2nd unit.

Cotilia unit will probably be ready in January 1946. Troubles are experienced in machinery repairs due to short age of mica; 90% of requirements is actually met using mica from destroyed units, but 10% must be obtained from the market, where prices are exceedingly high.

Studies are being made by Terni Co. to provide Galleto units with a new cooling system. The estimated increase in output is about 10 kW per unit.

Reactivation of Terni-Pescera line is going on but transport service by ENAC is unsatisfactory and the situation is very serious.

The Committee recommended that trucks be directly allocated to Electrical Companies, whose requirements are now known.

Eng. Virgili (State Railways) reported on difficulties experienced in connection with transmission line conductor supply.

Mercury arc rectifiers for substations cannot be supplied



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Cotille unit will probably be ready in January 1946. Troubles are experienced in machinery repairs due to shortage of mice; 90% of requirements is actually met using mice from destroyed units, but 10% must be obtained from the market, where prices are exceedingly high.

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The Committee recommended that trucks be directly allocated to Electrical Companies, whose requirements are now known.

Eng. Virgili (State Railways) reported on difficulties experienced in connection with transmission line conductor supply.

Mercury arc rectifiers for substations cannot be supplied now by manufacturing Companies, due to shortage of required material.

The electrification programme of railways will consequently be delayed but transport facilities situation will be improved by means of steam traction.

The matter of constitution and operation of Advisory Committees throughout Italy was discussed and the Committee recommended that this question be carefully studied.

5. - Operation programme and report from the Director of the Master Control.

Eng. Pietromarchi reported on the operation of the Central Italy grid from July 11 to August 9: power available is now 145 MW and peak load requirements are met by means of reservoir stations.

Steam units at S. Paolo were only used for rephasing.

3393

It was shown that electric energy now available is largely exceeding all requirements; the low load during the night could be increased with an additional allocation (7 to 8 MW) of power to Nere Montoro Electrochemical Works.

The Committee recommended that A.C. look into this matter considering that the electrochemical Works would only be operated when power is available, and readily disconnected if load must be decreased.

Eng. Rovelli advised that electrodomestic services could now be reconnected using a reasonable rationing scheme; he pointed out that the reconnection work will take a considerable length of time, so that, starting now, nearly all consumers will be again supplied when the available power is sufficient (4th Galleto unit coming in in October).

The Committee recommended that A.C. take some steps in connection with this question.

5) Standardization of frequency

Eng. Pietromarchi reported that, following the increase of frequency to 50 cycles, improvements in voltage had been observed all over the system. UNES grid is now operating under normal conditions. The increase of load is about 4%. Further reports on the operation at 50 cycles as well as on complaints received from customers, will be discussed at the next meeting.

Eng. Aste reported that the Consorzio Bonifiche Pontine had recommended to the Ministry of Public Works to look very carefully into the matter of frequency change, which is considerably affecting the operation of pumping stations.

Data on tests carried out during these days will shortly be submitted.

The parallel connection with the North will be made when suitable switches are installed. This will be effected within two weeks.

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Eng. Asta reported that the Consorzio Bonifiche Pontine had recommended to the Ministry of Public Works to look very carefully into the matter of frequency change, which is considerably affecting the operation of pumping stations.

Data on tests carried out during these days will shortly be submitted.

The parallel connection with the North will be made when suitable switches are installed. This will be effected within two weeks.

3394


5.) - Any other business

Eng. Rovelli informed the Committee that Eng. Frelleoni of RO Company, now working at the Master Control would shortly leave Rome and suggested that his place be taken by another engineer of the same Company.

The Committee agreed.

5.) - Date and time of the next meeting

Next meeting will be held in the offices of Società Romana di Eletticità - Rome, at 0900 hrs on Monday September 17th 1945

  
Dr. Eng. FRANCESCO BARIUZZI  
Secretary to the Committee

8

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Regional Commissioner

3393



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- Spares

3393

8

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CENTRAL ITALY ELECTRICITY SCHEME

Telephone  
Rome 489081 - Ext. 317

1st August 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (CENTRAL ITALY)

MINUTES

The seventh meeting of the Advisory Committee on Electric Power (Central Italy) was held at 0900 hrs on Monday 16th July 1945 in the offices of Società Romana di Elettricità Via Poli, 14 - Rome.

Present :

- |            |              |                 |
|------------|--------------|-----------------|
| Lt. Col.   | W.H. Lapper  | - Chairman      |
| Prof. Eng. | A. Asta      | - Vice-Chairman |
| Dr. Eng.   | A. Rovelli   | - Member        |
| Dr. Eng.   | G. Angelucci | - "             |
| Prof. Eng. | A. Angelini  | - "             |
| Dr. Eng.   | G. Raschetti | - "             |
| Dr. Eng.   | G. Lombardi  | - "             |
| Dr. Eng.   | F. Barluzzi  | - Secretary     |
| Lt. Col.   | G.F. Parker  | - in attendance |
| Lt. Col.   | V.S. Renton  | - "             |
| Dr. Eng.   | Virgili      | - "             |
| Dr. Eng.   | Pietromarchi | - "             |
| Dr. Eng.   | Maggi        | - "             |

42) - Minutes of the sixth meeting, held on Monday 17 June 1945

The minutes were approved.

3392 - Matters arising from previous minutes

16th July 1945 in the office of Società Romana di Elettricità  
Via Poli, 14 - Romc.

Present :

Lt. Col.	W.M. Lapper	- Chairman
Prof. Eng.	A. Aste	- Vice-Chairman
Dr. Eng.	A. Rovelli	- Member
Dr. Eng.	G. Angelucci	- "
Prof. Eng.	A. Angelini	- "
Dr. Eng.	C. Fascetti	- "
Dr. Eng.	G. Ianigoni	- "
Dr. Eng.	F. Barluzzi	- Secretary
Lt. Col.	G.F. Parker	- in attendance
Lt. Col.	V.S. Renton	- "
Dr. Eng.	Virgili	- "
Dr. Eng.	Pietromarchi	- "
Dr. Eng.	Maggi	- "

42) - Minutes of the sixth meeting, held on Monday 17 June 1945

The minutes were approved.

**3392-** Matters arising from previous minutes

Min. 37) The allocation of cement and angle bars for repairs to electric plants and transmission systems is being arranged by the Ministry of Public Works in conjunction with Allied Commission.

Min. 40) The matter of transport for electrical companies is still being investigated by Ministry of Public Works.

44) - Progress in rehabilitation of plants and transmission systems

Eng. Angelucci (A.C.E.A.)  
Stated that repairs are going on according to programme; transport requirement : two 3 ton trucks, four 1.5 ton trucks.

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Eng. Fascetti (U.N.E.S.S.)

Reported on delay for Gerosa unit. Operation will probably start in August, for peak load service only. Transport requirement: six or seven trucks (1 to 3 tons) and four jeeps.

Eng. Landucci (Valdarno)

Stated that the 1st unit at Galliciano will be ready in September, 2nd unit in October. One unit at Corfino ready on the beginning of September. Two units assembled at Pian delle Rocca - no water available. Repair work at Castelnuovo carried out by contractors. The second 120 KV line Ligonchio-Sperando to come into operation about September 15th.

Release is requested of magnetic sheets required for transformer repairs, now being produced by Terni Co.

Ministry of Public Works in conjunction with A.C. will look into this.

Eng. Rovelli (Romana Co.)

Reported that one unit at Pontefiume will shortly be tested and one at Fontecupe is being transferred from Arci; this will probably come into operation by the end of August. Arrangements have been made with Northern Italy factories for Morino and Farfa repairs, 3/4 months needed. Both stations expected in operation by the end of 1945. Transport requirement three 3 ton trucks, and six light trucks for distribution systems.

Eng. Angelini (Terni Co.)

Stated that 3rd unit at Galletto will come into operation at the end of July; fourth unit probably in October. Cotilia repairs delayed due to bad quality of welding electrodes.

One unit at Preci has now been dismantled. One 43 MVA transformer was found at Genova and will be adapted for the installation at Galletto in 3 months. Another similar transformer was taken from Genova by the Germans and is now probably near Linz (Austria).

The Committee recommended that steps be taken by A.C. for the return of this transformer.



Ministry of Public Works in conjunction with A.C. will look into this.

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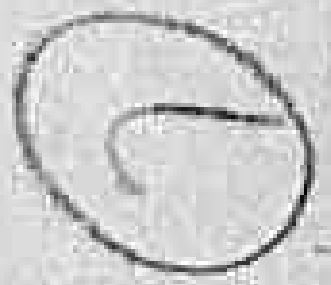
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The Committee recommended that steps be taken by A.C. for the return of this transformer.

Pescara-Terni line ready about September 15th if transport is provided.

Eng. Virgili (State Railways) Reported on the repairs of transmission lines. The Committee was of the opinion that the Cascina-S. Romano line should be reactivated at an early date.

3391



45) - Operation programme and report from the Director of the Master Control Centre

Eng. Pietromerchi reported on the operation of the Central Italy Grid.

Daily peak load during the period June 11 - July 10 about 115 MW. Voltage and frequency drop during the morning peak overcome by means of small reservoir stations on Aniene River.

Power flow from the North is now about 20 MW so that the Valdarno system, interconnected with Lardarello, Pian della Rocca and partially with Nera Montoro is normally independent from Terni stations.

Voltage situation on UNES system still unsatisfactory; some improvements obtained through a new arrangement of Terni machinery.

46) - Import of energy from the North and standardization of frequency

It was observed that the 3rd Galleto unit and the interconnection with the north would come into operation about the end of July. The Committee agreed that they were now satisfied that there would be no difficulty in changing the Central Italy frequency to 50 cycles at this time.

47) - Any other business

Lt. Col. Lepper informed the Committee that he would be leaving for England shortly and would be unable to attend further meetings.

The Committee expressed its deep regret and thanked Lt. Col. Lepper for his true spirit of collaboration and for the very valuable assistance that he, together

normally independent from Terni stations.  
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47) - Any other business


Lt.Col. Lapper informed the Committee that he would be leaving for England shortly and would be unable to attend further meetings.

The Committee expressed its deep regret and thanked Lt.Col. Lapper for his true spirit of collaboration and for the very valuable assistance that he, together with his officers, have given to the electrical rehabilitation work in Central Italy.

3390

48) - Date and time of the next meeting

Next meeting will be held at 0900 hrs on Monday 20th August in the Offices of Società Romana di Eletticità  
Via Poli No. 14 - Rome.

  
Dr. Eng. FRANCESCO BARLUZZI  
Secretary to the Committee

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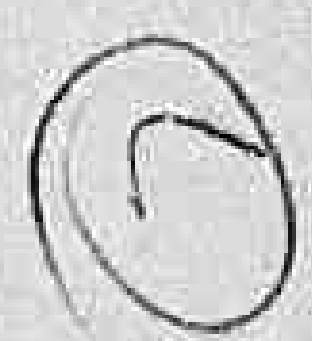
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3389



*Chief Commissioner*

JUN 20 1945

COPY No 3

CENTRAL ITALY ELECTRICITY SCHEME

Telephone  
Rome 489081 - Ext.317

27 June 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (CENTRAL ITALY)

MINUTES

The sixth meeting of the Advisory Committee on Electric Power (Central Italy) was held at 0900 hrs on Monday 18th June 1945 in the Offices of Società Romane di Eletticità - Via Poli No 14 - Rome.

Present :

- |           |                 |   |               |
|-----------|-----------------|---|---------------|
| Lt.Col.   | W.M. Lapper     | - | Chairman      |
| Prof.Eng. | A. Asta         | - | Vice-Chairman |
| Dr.Eng.   | A. Rovelli      | - | Member        |
| Dr.Eng.   | G. Angelucci    | - | "             |
| Prof.Eng. | A. Angelini     | - | "             |
| Dr.Eng.   | C. Fascetti     | - | "             |
| Dr.Eng.   | G. Landucci     | - | Secretary     |
| Dr.Eng.   | F. Barluzzi     | - | in attendance |
| Lt.Col.   | V.S. Renton     | - | "             |
| Dr.Eng.   | D. Pietromarchi | - | "             |
| Dr.Eng.   | Pisani          | - | "             |

35) - Minutes of the fifth meeting held on Friday, May 25 1945  
The minutes were approved.

36) - Matters arising from previous minutes  
There were no matters arising.

**3388** - Progress in rehabilitation of plants and transmission systems  
Eng. Landucci  
Stated transmission system in Bolome. Plans...

540

5404/0

Present :

- |            |                 |   |               |
|------------|-----------------|---|---------------|
| Lt. Col.   | W.M. Lapper     | - | Chairman      |
| Prof. Eng. | A. Asta         | - | Vice-Chairman |
| Dr. Eng.   | A. Rovelli      | - | Member        |
| Dr. Eng.   | G. Angelucci    | - | "             |
| Prof. Eng. | A. Angelini     | - | "             |
| Dr. Eng.   | C. Fascetti     | - | "             |
| Dr. Eng.   | G. Landucci     | - | "             |
| Dr. Eng.   | F. Barluzzi     | - | Secretary     |
| Lt. Col.   | V.S. Renton     | - | in attendance |
| Dr. Eng.   | E. Pietromarchi | - | "             |
| Dr. Eng.   | Pisani          | - | "             |

- 35) - Minutes of the fifth meeting held on Friday, May 25 1945  
The minutes were approved.
- 36) - Matters arising from previous minutes  
There were no matters arising.

**3388**

Progress in rehabilitation of plants and transmission systems

Eng. Landucci  
Stated transmission system in Bologna-Firenze area proceeding satisfactory. He referred to Società Metallurgica For-neci di Barga who were short of copper for wire drawing.

Eng. Fascetti  
Considered that the northern Italy plant manufacturers should now be used in the repairs to plant. He submitted a report showing the progress of repairs in the UNES system since November 1944.

Eng. Rovelli  
Reported to the serious water leakage at Canterno and stated that 500 tons of cement are urgently required to carry out the repairs during the summer months.

Contacts have been made with northern Italy firms to arrange for repairs to damaged units.

The Committee recommended that a sufficient allocation of cement be made to Società Roma di Eletticità in order to complete the Canterno works during the summer months.

19

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Eng. Angelucci

In reviewing the repairs to plants in the ACEA system stated that work was progressing according to programme. He informed the Committee that a 5,000 KW unit at Castelmadama was nearing completion.

Eng. Angeiini

Said that the third 35,000 KW unit at Galleto would be ready for operation about 20 July 1945. The Vomenc project could not be resumed until cement was made available.

He thought that Montecetini factory at Cengio would be able to supply the bakelite tubes now urgently needed by Terni Co. as well as by other electrical companies. It was understood that the factory was waiting for a supply of coal.

In connection with transmission line repairs there was a shortage of angle bars and cement.

After much discussion the Committee recommended that the General Inspector for Electricity, Water and Gas of the Ministry of Public Works take definite action in order to increase the allocation of cement and angle bars urgently needed in connection with the rehabilitation of electricity supplies.

Lt.Col. Lepper inquired on the wire drawing work of Società Metallurgica Fornaci di Barga and the Committee agreed to the following priority of work :

- (1) Valdarno, (2) Unes, (3) SRE.
- Maj. Barry of the Electrical Division - Florence Office would be asked to provide the necessary assistance for the activation of this factory.

38) - Operation programme and report from the Director of the Master Control Centre

Eng. Pietromarchi reported on the operation of the Central Italy Grid system.

3387

It was shown that energy from the North was first



2541

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38) - Operation programme and report from the Director of the Master Control Centre

3387

Eng. Pietromarchi reported on the operation of the Central Italy grid system.

It was shown that energy from the North was first conveyed on June 10 from Ligonchio station (Edison Co.) thus providing additional 10 MW for Central Italy.

Frequency was raised from 45 to 46 cycles starting from 13th June in order to meet UNES and VALDARNO requirements in some areas; no particular troubles were encountered following this increase.

Eng. Pietromarchi also reported that voltage is now normal on Valdarno system; UNES grid voltage will be materially improved when Galletto 3rd unit and Gerosa station come into operation.

The matter of salary for Master Control Personnel was discussed and the Committee agreed the following amendments :

Statistical Assistant - salary per month from 8400 to 10,000.== lire.

Stenotypist - salary per month from 4900 to 6500 lire.

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To take effect as from February 15, 1945.

It was also agreed that personnel previously employed by the Electrical Companies, but now on the Master Control Staff, should receive from the electrical companies any difference in salary which they would have been entitled to if still in their employ.

39) - Import of energy from Northern Italy and standardization of frequency

Col. Lapper reported that a notice had been inserted in the newspapers warning consumers of the impending change in frequency of central Italy from 45 to 50 cycles.

Eng. Rovelli reported that the Consiglio Nazionale delle Ricerche had been anxious as to the behaviour of energy meters when frequency will be raised from 45 to 50 cycles. He also reported that according to some tests carried out by the S.R.E. no trouble is to be feared. A report on this subject leading to the same conclusion will be presented by the Ministry of Public Works.

40) - Any other business

It was reported that shortage of transport is still seriously affecting the rehabilitation programme of electric companies and that Ente Nazionale Autotrasporti Cose (ENAC) is unable to meet the companies' requirements.

Eng. Asta said that the electrical companies' case would be taken up at the Ministry so that they would receive an allotment of the transport shortly to be made available.

The Committee recommended that quick action be taken in order to settle this question as soon as possible.

3386  
41)

- Date and time of the next meeting

Next meeting will be held at 0900 hours on Monday July 16th 1945 in the Office of Secretary

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The Committee recommended that quick action be taken in order to settle this question as soon as possible.

3386<sub>41</sub>) - Date and time of the next meeting

Next meeting will be held at 0900 hours on Monday July 16th 1945 in the Offices of Società Romane di Eletticità - Rome.

  
Dr. Eng. FRANCESCO BARLUZZI  
Secretary to the Committee

(6)

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CENTRAL ITALY ELECTRICITY SCHEME

Telephone  
Rome 489081 - Ext. 317

8 June 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (CENTRAL ITALY)

M I N U T E S

The fifth meeting of the Advisory Committee on Electric Power (Central Italy) was held at 0900 on Friday 25 May 1945 in the office of Lt.Col. W.M. LAPPER - Allied Commission Hq, Rome.

Present :

- |            |                 |   |               |
|------------|-----------------|---|---------------|
| Lt.Col.    | W.M. LAPPER     | - | Chairman      |
| Prof. Eng. | A. ASTA         | - | Vice-Chairman |
| Dr. Eng.   | A. ROVELLI      | - | Member        |
| Dr. Eng.   | G. ANGELUCCI    | - | "             |
| Prof. Eng. | A. ANGELINI     | - | "             |
| Dr. Eng.   | C. FASCETTI     | - | "             |
| Dr. Eng.   | G. LANDUCCI     | - | "             |
| Dr. Eng.   | F. BARLUZZI     | - | Secretary     |
| Lt.Col.    | V.S. RENTON     | - | In attendance |
| Dr. Eng.   | T. MASTURZO     | - | "             |
| Dr. Eng.   | D. PIETROMARCHI | - | "             |
| Prof. Eng. | G. SILVA        | - | "             |
| Dr. Eng.   | PROSPERI        | - | "             |

Lt.Col. Lapper informed the Committee that he had made a tour in Northern Italy and was pleased to state that the situation with regard to electrical power was good and that very little damage had been done to electrical generating plants and transmission systems. Every effort would now be made to repair transmission system between Bologna and Florence, serious damage having taken place in this battle area, so that power could be transmitted from Northern Italy to assist Central and later Southern Italy.

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- Dr. Eng. G. ANGELUCCI - "
- Prof. Eng. A. ANGELINI - "
- Dr. Eng. C. FASCEPPI - "
- Dr. Eng. G. LANUCCI - Secretary
- Dr. Eng. F. BARINZZI - In attendance
- Lt. Col. V.S. RENTON - "
- Dr. Eng. T. MASTURZO - "
- Dr. Eng. D. PIETROMARCHI - "
- Prof. Eng. G. SILVA - "
- Dr. Eng. PROSPERI - "

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3384

29) - Minutes of the fourth meeting held on Monday 16th April 1945

The minutes were approved.

30) - Matters arising from previous minutes.

There were no matters arising from the previous minutes.

31) - To receive a report from the Director of the Master Control Centre

It was reported that an improvement in voltage and frequency on U.N.E.S. and Valdarno systems will be obtained when the 15,000 KVA transformer, now under test, will be in service. The situation will be definitely better when the 3rd Galletto unit will be in operation.

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32) - Standardization of frequency

Lt.Col. Lepper stated that arrangements were being made to transmit 100,000 KW of power from Northern Italy to Central Italy. This would be imported at 50 cycle frequency. Under these circumstances it appeared desirable to raise the frequency of Central Italy to 50 cycles, so that the benefits of the interconnected system could still be maintained.

While it was to be expected that the changing of frequency may cause inconvenience to consumers in areas which hitherto had not operated at 50 cycles, advantage should be taken of the present reduction in industrial load brought about by war damage.

Lt.Col. Lepper pointed out that the subject was of very great importance and that, as it would later effect Southern Italy, he had therefore invited Eng. Masturzo from the Southern Italy Advisory Committee, Eng. Silva of the Associazione Esercenti Imprese Elettriche (AIEE) and Eng. Prospero of State Railways to attend.

After much discussion the Committee recommended that a change in frequency from 45 to 50 cycles should be made for Central Italy as soon as the power from Northern Italy became available.

With regard to Southern Italy Eng. Masturzo advised that, as the industrial position in the South had been restored to a greater extent than in Central Italy, the problem of change in frequency became more difficult. He was, however, in favour of changing to 50 cycles frequency, at an early date, and considered that a few months should be allowed in order to give consumers the opportunity to get the necessary change to their equipment.

It was estimated that the Terni-Pescera and Pescara-Fratte maggiore lines would be completed about October-November and that, as 50 cycles power could then be imported from Central Italy, this should be taken as being the date for



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The Committee was of the opinion that, as the electrical companies were being asked to change the frequency at a date much earlier than that in the Government decree, viz. 1952, they should be safeguarded against claims made by the consumers for costs incurred in changing equipment.

Lt.Col. Lepper promised to examine this with Eng. Aste and to report at the next meeting.

33) - Any other business  
Nil.

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34) - Date and time of the next meeting

Next meeting will be held at 0900 hours on Monday 18 June 1945 in the offices of Società Romane di Elettività.

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Dr. Eng. FRANCESCO BARIUZZI  
Secretary to the Committee

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CENTRAL ITALY ELECTRICITY SCHEME

Telephone  
Rome 459084 - Lxt. 317

26 April 1945

ADVISORY COMMITTEE ON MEGAWATT POWER (CENTRAL ITALY)

M I N U T E S

The fourth meeting of the Advisory Committee on Electric Power (Central Italy) was held at 0900 hours on Monday 16th April 1945 in the offices of Società Romana di Elettricità Via Poli, Rome.

Present :

- |            |              |                 |
|------------|--------------|-----------------|
| Lt. Col.   | W. H. LARPER | - Chairman      |
| Prof. Eng. | A. ASTA      | - Vice Chairman |
| Dr. Eng.   | A. ROVITTI   | - Member        |
| Dr. Eng.   | G. ANGIUCCI  | - " "           |
| Dr. Eng.   | A. ANGELINI  | - " "           |
| Dr. Eng.   | C. PASCIUTI  | - " "           |
| Dr. Eng.   | G. LANDUCCI  | - Secretary     |
| Dr. Eng.   | F. BARLUZZI  | - In attendance |
| Lt. Col.   | V. S. PAYTON | - In attendance |
| Maj.       | E. J. BARRY  | - In attendance |

22) - Minutes of the 3rd meeting held on 10 March 1945

The minutes were approved.

23) - Matters arising from previous minutes

Eng. Landucci stated that turbine parts at Livorno are not being assembled as shown in the minutes, but collected to be assembled at a later date.

Min. 17) - Repairs to Merinc Station (SRE) still under discussion by Terni Co. and Major Barry (A.C.). Repairs to Farfa I turbine by contractor Boaco in hand

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- Prof. Eng. A. ASTA - Vice Chairman
- Dr. Eng. A. ROVELLI - Member
- Dr. Eng. G. ANGIOLUCCI - "
- Dr. Eng. A. ANGELELLI - "
- Dr. Eng. C. FASCETTI - "
- Dr. Eng. G. LANDUCCI - Secretary
- Dr. Eng. P. BARIUZZI - In attendance
- Lt. Col. V.S. REMTON - In attendance
- Maj. E.J. BARRY - In attendance

22) - Minutes of the 3rd meeting held on 19 March 1945

The minutes were approved.

23) - Matters arising from previous minutes

Eng. Landucci stated that turbine parts at Livorno are not being assembled as shown in the minutes, but collected to be assembled at a later date.

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Min. 17) - Repairs to Marine Station (SME) still under discussion by Terni Co. and Major Barry (A.C.). Repairs to Farfa I turbine by contractor Rosco in hand by A.C.

Lists of insulating material and insulators required by Electrical Companies are being sent to Eng. Asta.

Eng. Asta reported that prices are high percentage of losses demanded by Corradini firm for wire-drawing work are due to bad working conditions in the factory.

Eng. Landucci stated that "Società Metallurgica Fornaci di Barga (Tosana)" will, in one or two months, be able to produce 400 tons of conductor per month. The factory will require 2,000 KW, the losses being 10% and price approx. 50 lire per KG.

Lt. Col. Lupper advised the Electrical Companies to arrange contracts now with "Società Metallurgica Fornaci di Barga" in order to fix prices for future requirements.

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Eng. Asta reported that "Ente Nazionale Autotrasporti Cose (ENAC)" had been requested by Ministry of Public Works to grant highest priority to applications from Electrical Companies for transport.

Min. 18) - Standardization of transmission line voltage is under discussion between the Ministry of Public Works and the Electrical Companies. Lists of transformers available, being repaired and repairable (30 KV and higher) are being sent to Eng. Asta.

24) - Progress in rehabilitation of plants

Eng. Fascetti reviewed the progress of repairs of UNES Company. One unit (3,700 KVA) at Venamartello is short of speed regulator; Terni Co. and A.C.F.A. to see if they can provide one.

Eng. Landucci (Selv-Valdarno) stated that all repairs are going on satisfactorily. Two units at Galliano in fairly good conditions - both penstocks damaged at several points - cannibalization possible; will require iron plates from Terni Co. or Orlando shipyards.

Eng. Rovelli (S.L.V.) reported on S.R.T. progress of repairs. Ceyano unit ready about May 15th. Farfa - Acquaris and Morino delayed for shortage of insulating materials. Angle-bars needed to repair Pontefiume gates.

Eng. Angelucci (A.C.F.A.) stated that repairs are proceeding according to programme. Castel Madama in operation on May 10th instead of April 30th due to delay at Terni steelworks.

Eng. Angelini reviewed progress of repairs of Terni Co. stating that the reactivation of a separate generator for the auxiliaries at Collete is urgently required.

The Committee agreed that all Power Companies are in urgent need of transport, tires, cement, insulating materials, and recommended that every effort be made to meet their requirements.

Eng. Co. asked that workers of the electrical section



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Eng. Angelini reviewed progress of repairs of Terni Co. stating that the reactivation of a separate generator for the auxiliaries at Galliano is urgently required.

The Committee agreed that all Power Companies are in urgent need of transport, tyres, cement, insulating materials, and recommended that every effort be made to meet their requirements.

Terni Co. asked that workers of the electrical section be entitled to benefits already granted to those actually working for the Allies. A.C. to examine.

25) - Report from the Director of the Master Control

A report from the Director of the Master Control was received. Eng. Piattomarchi, U.N.T.S. Engineer, and Lt.Col. Renton will examine the possibility of improving the voltage on the U.N.T.S. grid.

The Committee stated that frequency control was satisfactory and that with exception of the UNES area there was now no complaint regarding low voltage.

Eng. Piattomarchi submitted a report which showed the fuel costs and costs of operation for reactive power for each of the Companies operating on the Central Italy grid system. The definition of interchange of costs brought about by the interconnection of the grid system now

3379

operating under the Master Control was a difficult matter under the present circumstances. The figures showed that certain additional costs were incurred by some of the Companies participating in the scheme.

After a discussion Eng. Rovelli speaking for the Companies who were shown to have incurred additional costs, stated that the interconnected Grid system has been a great benefit to all concerned and taking all the circumstances into account, they proposed to waive their claim.

It. Col. Japper said that the action taken by Eng. Rovelli marked a forward step in the successful operation of the grid system. It was the true spirit of cooperation. He thanked Eng. Rovelli and the other Companies for their valuable assistance.

Eng. Asta on behalf of Mr. Visontini (General Inspector for Electricity, Water and Gas of the Ministry of Public Works) expressed appreciation for the manner in which this difficult matter had been settled.

Eng. Pietromarchi asked the Committee to consider the question of salaries for the Master Control personnel which required adjustment in the light of cost of living increases which had already been given by the Electrical Companies to their employees.

After a discussion the Committee agreed to the following salary adjustments to take effect as from 15 February 1945 :

- Director from 18,000 to 25,200 lire
- Central Engineers
- Monthly salary from 10,000 to 14,000 lire
- Assistant Control Engineers
- Monthly salary from 8,000 to 11,200 lire
- Statistical Assistant
- Monthly salary from 6,000 to 8,400 lire

thanked Eng. Rovelli and the other Companies for their valuable assistance.

Eng. Asta on behalf of Mr. Visentini (General Inspector for Electricity, Water and Gas of the Ministry of Public Works) expressed appreciation for the manner in which this difficult matter had been settled.

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After a discussion the Committee agreed to the following salary adjustments to take effect as from 15 February 1945 :

- Monthly salary Director from 18,000 to 25,200 Lire
- Monthly salary Control Engineers from 10,000 to 14,000 Lire
- Monthly salary Assistant Control Engineers from 8,000 to 11,200 Lire
- Monthly salary Statistical Assistant from 6,000 to 8,400 Lire
- Monthly salary Stenotypist from 3,500 to 4,900 Lire

3378

26) - Operation programme and allocation of power  
The Committee agreed to the programme for the month of May. The Committee recommended that efforts should be made to increase the night load, in order to make the greatest use of the available energy from the hydro plants.

27) - Any other business  
The Committee recommended that, as repairs to the State Railway transmission lines and power plants were included in the discussion, a representative of the State Railways should be included in the Advisory Committee on Electric Power for Central Italy.

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28) - Date and time of next meeting.

Next meeting will be held in the offices of S.R.T. -  
Via Poli, 14 - Rome, at 0900 hours on Monday 21st May  
1945.



DR. ENG. FRANCESCO BARUZZI  
Secretary to the Committee

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CENTRAL ITALY ELECTRICITY SCHEME

Telephone  
Rome 489081 - Ext. 317

27 March 1945

ADVISORY COMMITTEE ON ELECTRIC POWER  
(CENTRAL ITALY)

M I N U T E S

The third meeting of the Advisory Committee on Electric Power (Central Italy) was held at 0900 hours on Monday 19th March 1945 in room 16th, 8th Floor A.C. Hqtrs - Via Vittorio Veneto, Rome.

Present :

- It. Col. W.M. LAPPER - Chairman
- Prof. Eng. A. ASTA - Vice Chairman
- Dr. Eng. A. ROVELLI - Member
- Dr. Eng. G. ANGELUCCI - Member
- Prof. Eng. A. ANGELINI - Member
- Dr. Eng. C. FASCETTI - Member
- Dr. Eng. G. LANDUCCI - Member
- Dr. Eng. F. BARIUZZI - Secretary

15) - Minutes of the 2nd meeting held on February 19th 1945

The minutes were approved.

16) - Matter arising

Minute 10 - Farfa I works still under discussion with Eng.

5404

3373

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terio Veneto, R me.

Present :

- |            |              |                 |
|------------|--------------|-----------------|
| Lt. Col.   | W. M. LAPPER | - Chairman      |
| Prof. Eng. | A. ASTA      | - Vice Chairman |
| Dr. Eng.   | A. ROVELLI   | - Member        |
| Dr. Eng.   | G. ANGELUCCI | - Member        |
| Prof. Eng. | A. ANGELINI  | - Member        |
| Dr. Eng.   | C. FACETTI   | - Member        |
| Dr. Eng.   | G. LANUCCI   | - Member        |
| Dr. Eng.   | F. BARIUZZI  | - Secretary     |

15) - Minutes of the 2nd meeting held on February 19th 1945

The minutes were approved.

3373

16) - Matter arising

Minute 10 - Farfa I works still under discussion with Eng. De Gasperis of Terni Company.

Gercsa II unit castings will be made at Tignone Company (Florence).

Galletto 3rd and 4th alternator will operate on open circuit air cooling until cooler tubes arrive from U.S. (approximately two months).

Preci and Capigno Stations repair still under discussion with Terni Company.

S. Giacomo works commenced.

Minute 12 - Emergency operation arrangements in hand by Eng. Pietromarchi and Major Renton.

Minute 13 - Neutral earthing and electrical protection under discussion by Technical Committee under Eng. Pietromarchi and Major Renton.

3



- 2 -

17) - Progress in rehabilitation of plants

Ing. Rovelli (S.R.E.) stated that Farfa I delayed due to contractor Bosco being on Military work. A.C. to examine. Shortage of insulating material which will cause delay. Committee advised S.R.E. to request MATER CO. for information. S.R.E. to pass information to A.C.

The question of bakelite tubes and of special insulating bushings was discussed. The Committee advised the Ministry of Public Works to obtain full particulars from the Electrical Companies of their requirements. This to include material which may be available from the Ginori Factory (Florence).

The Committee advised that repairs at Merino Plant be discussed between Terni Company and A.C.

Eng. Rovelli raised the question of wire-drawing made by Corradini Firm (Naples). The prices and losses of material were unreasonably high. Corradini was now demanding about 25% of additional copper to cover losses. It is reported that Società Metallurgica di Fornaci di Barga (Toscana) will probably be able to carry out wire-drawing work in May. The Committee recommended that the Ministry of Public Works look into the matter of prices and losses demanded by wire-drawing works.

Eng. Fascetti (U.N.I.S.) stated progress of repairs of Unes works up to programme.

Repairs to 1st unit of Gerosa being made at Tolentino.

Eng. Angelini (Terni) - stated that Galleto unit will be examined for possibility of hydrogen cooling system to give increased output. Committee will be informed.

Eng. Landucci (Selt-Valdarno) - Lima Station breakdown after repairs; will be in operation in about one week.

- 2 -

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Eng. Landucci (Selt-Valdarno) - Lima Station breakdown after repairs; will be in operation in about one week. Castelnuovo Garfagnana (no man's land) reported by partisan with 1 unit operating and supplying energy to enemy.

Parts of other machines have been hidden.

Galliano, still within shelling distance. Two units can be repaired in three months. Some damage to civil works.

Pian della Rocca - 11,000 KW unit operating from local reservoir. Main water supply still in enemy hands. Station can only be used for peak due to shortage of water.

Livorno - repairs to two boilers proceeding with assistance of Orlando Shipyards.

Parts of one turbine unit being assembled.

Extension of the Nera Montoro Station was discussed and the Committee advised that this project be left over for the time being.

The rehabilitation of the State Railway transmission line Larderello-Cascina-San Romano was discussed. The Committee

recommended that this line be repaired to permit power flow from Larderello to the north.

Eng. Angelucci reviewed the progress in rehabilitation of plants of ACEA; repairs are going on according to programme.

Transport - All members of the Committee agreed that lack of transport was causing a serious delay in rehabilitation work.

Selt-Valdarno was being asked to return two Italian Army trucks this week.

Ente Nazionale Autotrasporti Ccse (ENAC) were not meeting demands for transport. The Committee recommended that the Ministry of Public Works request ENAC to give the highest priority to transport for electric rehabilitation work.

- 18) - Report from the Director of Master Control  
Report from the Director of Master Control was received. The Committee agreed that operation has been satisfactory.

The question of high voltage transmission was discussed and it was thought that in order to effect economies particularly in transformers, some form of standardization be considered.

The Committee recommended that the Ministry of Public Works examine the position with a view of obtaining a standard grid system voltage.

- 19) - Operation and allocation of power  
The Committee agreed the programme for the month of April.

- 20) - Any other business

1946 Programme - The question of future rehabilitation work was discussed and the possibility of availability of repair shops reviewed.

The Committee recommended that all Electrical Companies submit to Ministry of Public Works programmes of rehabi-



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The Committee recommended that the Ministry of Public Works examine the position with a view of obtaining a standard grid system voltage.

19) - Operation and allocation of power  
 The Committee agreed the programme for the month of April.

20) - Any other business

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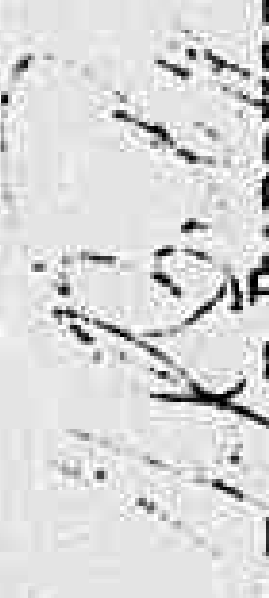
1946 Programme - The question of future rehabilitation work was discussed and the possibility of availability of repair shops reviewed.

The Committee recommended that all Electrical Companies submit to Ministry of Public Works programmes of rehabilitation work for the year 1946.

Financial - The Electrical Companies in Central Italy were now concerned with the intercompany financial arrangements for settlement of interchange of reactive KVA and also the division of fuel costs. After much discussion the Committee recommended that Eng. Pietromarchi, Director of Master Control, examine the position to see whether it is possible to determine the costs which will accrue to each company in respective of reactive KVA and of fuel consumption.

21) - Date and time of next meeting  
 Next meeting will be held in the offices of Società Remana di Elettricità - Via Poli - Rome at 0'00 on Monday, April 16th 1945.

Distribution  
 List attached



Dr. Eng. F. BARUZZI  
 Secretary of the Committee

3

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- File
- Spares

3373

3

MAR 13 RECD

*l.b.*

Ref: 5406/70/30.

12 March 1945.

SUBJECT: Advisory Committee on Electric Power.

TO : A/Vice President,  
Economic Section.

1. I have just read the minutes of the last meeting of the Advisory Committee on Electric Power (Southern Italy).

2. I should like to congratulate the chairman on the establishment of this Committee which is an excellent example of proper Allied-Italian cooperation. The minutes themselves prove the value of such a Committee and I commend the establishment of similar Committees where applicable in other aspects of economic administration.

*M. S. Curran*  
Brigadier,  
Executive Commissioner.

HSL/JG.

Copy to: Public Works & Utilities  
Sub-Commission.

5404/ce

*Q*

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2



MAR 18 1945

Copy No 4

CENTRAL ITALY ELECTRICITY SCHEME

Telephone  
Rome 489081 - Ext. 317

8 March 1945

ADVISORY COMMITTEE ON ELECTRIC POWER  
(CENTRAL ITALY)

MINUTES

The second meeting of the Advisory Committee on Electric Power (Central Italy) was held at 0900 hours on Monday 18th February 1945 in Room 16, 8th Floor A.C. Headquarters - Via Vittorio Veneto - Rome.

Present :

- |                        |                 |
|------------------------|-----------------|
| It. Col. V. MAIARDI    | - Chairman      |
| Prof. Eng. A. ASTA     | - Vice Chairman |
| Dr. Eng. A. ROVILLI    | - Member        |
| Dr. Eng. G. ANGIUCCI   | - Member        |
| Prof. Eng. A. ANGELINI | - Member        |
| Dr. Eng. C. PASQUETTI  | - Member        |
| Dr. Eng. G. LANDEUCCI  | - Member        |
| Dr. Eng. F. BARILELLI  | .. Secretary    |

3) - Minutes of the 1st meeting held on 1st February 1945

The minutes were approved.

9) - Matters arising

5404/00

The second meeting of the Advisory Committee on Electric Power (Central Italy) was held at 0900 hours on Monday 19th February 1945 in Room 16, 8th Floor A.C. Headquarters - Via Vittorio Veneto - Rome.

Present :

- It. Col. G. M. LIPPER - Chairman
- Prof. Eng. A. ASTA - Vice Chairman
- Dr. Eng. A. ROVILLI - Member
- Dr. Eng. G. ANGIOLINI - Member
- Prof. Eng. A. ANGIOLINI - Member
- Dr. Eng. C. TASCOTTI - Member
- Dr. Eng. G. LANDUCCI - Member
- Dr. Eng. P. PARLUZZI - Secretary

2) - Minutes of the 1st meeting held on 1st February 1945

The minutes were approved.

a) - Matters arising

**3371**

Nil.

10) - Progress in rehabilitation of plants

Eng. Rovelli reviewed the progress in rehabilitation of plants and transmission system of Società Romana di Elettricità. Canterno plant will start operation on February 20th with an output of 8-10 MW during 3-4 hours a day until the end of June. Repairs of the gallery will then be carried out. The Committee recommended that the output of this unit be kept fairly high in order to reduce the percentage of hydraulic losses in penstocks and save fuel at Thermal Stations. The Committee recommended that the Allied Commission send a letter to S.R.E. and to Eng. De Gasperi of Terni Steelworks, stating that the turbine of Farfa I - first unit will be delivered by Terni on November 30.

Handwritten signature and initials, possibly 'Paw' or similar, with a flourish.

./.

Eng. Passetti reviewed the progress of repairs of Unione Eserciti Elettrici (UNES). The Committee recommended that the casting of Gerosa 2nd unit be made at Tolentino Workshops. Assistance will also be provided by Terni Co.

Eng. Angelini reviewed the progress in rehabilitation of plants of Terni Company. The 2nd unit at Galloto will be in service not later than April 10th. The 3rd and 4th units will be delivered by the end of May and June respectively. The Committee recommended that the master of coupling system for these units as well as the repairs of Fredi plant be discussed by Terni Coy. with Maj. Barry.

Eng. Banducci reviewed the progress of repairs of Selt-Valdarno Co. The 2nd unit of Pian della Rocca and the 1st of Lima will be ready in February 45. Information of Galliano is still incomplete due to war operations. The synchronous condenser (5000 KVA) at Prato will be ready on March 1945.

Eng. Anselucci reviewed the progress in rehabilitation of plants of A.C.F.A. and stated that all repairs are going on according to the programme.

The completion of S. Giacomo plant of Terni Co. was also considered. One unit (66 MVA) is assembled being only short of 1 imbler. This will be constructed by Terni Steel Works in three months. The completion of the gallery will require 12 months; cement should be made available by Spoleto or Colleferris cement factories. The Committee recommended that Terni Company submit a report on the future works for this station in order to avoid any interference, also stating the monthly requirement of cement for the completion of the gallery.

11) - Report from the Director of the Water Control  
 2370  
 Report on the operating conditions during the preceding



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Eng. Anselmo reviewed the progress in rehabilitation of plants of A.C.T.A. and stated that all repairs are going on according to the programme.

The completion of S. Giacomo plant of Terni Co. was also considered. One unit (56 VA) is assembled being only short of 1 inverter. This will be constructed by Terni Steel Works in three months. The completion of the gallery will require 12 months: cement should be made available by Spoleto or Colleferro cement factories. The Committee recent asked that Terni Company submit a report on the future works for this station in order to avoid any interference, also stating the monthly requirement of cement for the completion of the gallery.

11) - Report from the Director of the Master Control

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A report on the operating conditions during the preceding month was submitted by Eng. Pietromarchi. The outstanding operating difficulty had been the question of dealing with reactive KVA but this was being overcome as more plants became available and by insertion of synchronous condensers. The Committee complimented Eng. Pietromarchi on the way he had overcome the initial difficulties in setting up the Master Control.

12) Emergency operation procedure

The question of opening circuits in case of emergency as laid down in operation memorandum No 2 was discussed. It was agreed that Major Renton and Eng. Pietromarchi would obtain the necessary informations from each Company in Central Italy in order that emergency switches be properly labelled.

16

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13) - Any other business

The Committee agreed the constitution of a Commission from the operating companies technical staff to look into the question of neutral earthing and electrical protection. Major Renton and Eng. Pietromarchi will make the necessary arrangements.

Major Price explained to the Committee the procedure to be adopted when requiring supplies. He reported that an allocation of tires, boots and clothing is at present being made.

14) - Date and time of next meeting

Next meeting will be held at 0900 hours on Monday 19th March 1945.

*Eng. Price*

Dr. Eng. FRANCESCO BARIUZZI  
Secretary, Advisory Committee

Distribution list attached.

*File 7-10-53*

Dr. Eng. FRANCESCO BARIUZZI  
Secretary, Advisory Committee

Distribution list attached.

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 62/64 - B.P.A., PBS  
 65 - HQ Adriatic Depot  
 66/75 - AFIRS, RAAC, C.I.F.  
 76 - Adv. C.E. No 2 District  
 77 - File  
 78/90 - Spares

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/6



FEB 14 RECP 4

CENTRAL ITALY ELECTRICITY SCHEME

12 February 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (CENTRAL ITALY)

MINUTES

The first meeting of the Advisory Committee on Electric Power (Central Italy) was held at 1000 hours on Thursday 1st February 1945 in Room.16 - 8th Floor, AC Hqtrs - Via Vittorio Veneto, Rome.

Present :

- Lt. Col. W. M. LAFFER - Chairman
- Prof. Eng. A. ASTA - Vice Chairman
- Dr. Eng. A. ROVELLI - Member
- Prof. Eng. G. ANGELUCCI - " "
- Prof. Eng. A. ANGELINI - " "
- Mr. Eng. C. FASCETTI - " "
- Mr. Eng. G. LAMBUCCI - Secretary
- Dr. Eng. F. BIRINZI

1) - Appointment of Director and Staff for Master Control

The Committee agreed to the appointment of Director and Staff for the Master Control as follows :

- Director : Dr. Eng. PIETROMARCHI Domenico
- Control Engineers : Dr. Eng. CILINDRI Vincenzo  
Dr. Eng. COLANINNO Giovanni  
Dr. Eng. FRATELLONI Emilio  
Dr. Eng. ZANIER Luigi

Asst. Control Engrs.

- : DE ANGELIS Enrico
- NOBILI Ferruccio
- SCARFICCIA Florino

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- It. Col. W.F. LAFER - Chairman
- Prof. Eng. A. ASTA - Vice Chairman
- Dr. Eng. A. ROVELLI - Member
- Prof. Eng. G. ANGELUCCI - "
- Prof. Eng. A. ANGELINI - "
- Dr. Eng. C. FASCETTI - "
- Dr. Eng. G. LANDUCCI - "
- Dr. Eng. F. BARIUZZI - Secretary

1) - Appointment of Director and Staff for Master Control

The Committee agreed to the appointment of Director and Staff for the Master Control as follows :

Director : Dr. Eng. PIETROMARCHI Domenico

Control Engineers : Dr. Eng. CALENDA Vincenzo  
Dr. Eng. COIMANINO Giovanni  
Dr. Eng. FRALISSONI Emilio  
Dr. Eng. ZANIER Luigi

Assist. Control Enge. : DE ANGELIS Enrico  
NOSILI Ferruccio  
SCARFICOLA Florino

Statistical Assist. : SCUDERINI Baldomero

Steno-typist :

It was agreed that the vacancies shown for assistant control engineer and typist would be filled at the director's discretion.

2) - Salary of Director and Staff for Master Control

Director : salary 18,000 lire per month; he will also receive a thirteenth month of salary each year and this will include any other kind of payment. Ordinary income taxes and eventual contractual obligations will be deducted from the above amount.

./.

File X

(11)

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- 2 -

Dr. ENG. PIETROMARCHI will be retained on the books of Terni Co. and will receive benefits similar to those which he would have if still employed directly by the Company.

Control Engineers : salary of 10,000 lire per month; they will also have a thirteenth month of salary each year and this will include any other kind of payment. Ordinary income taxes and eventual contractual obligations will be deducted from the above amount.

Engineers FRALLEONI and ZANIER will be retained on the books of S.R.E. and A.C.E.A. respectively and will receive benefits similar to those which they would have had, if still employed directly by the Companies.

Assistente Control Engineers : salary 8,000 lire per month; they will also have a thirteenth month of salary each year and this will include any other kind of payment. Ordinary income taxes and eventual contractual obligations will be deducted from the above amount.

Mr. DE ANGELIS, Mr. NOBILI and Mr. SCARFICCIA will be retained on the books of S.R.E., A.C.E.A., and TERMI Co. respectively and will receive benefits similar to those which they would have had if still employed directly by the Companies.

Statistical Assistant : salary 6,000 lire per month; he will also receive a thirteenth month of salary each year and this will include any other kind of payment. Ordinary income taxes and eventual contractual obligations will be deducted from the above figures.

Stenotypist : salary 3,500 lire per month; she will also receive a thirteenth month of salary each year and this will include any other kind of payment. Ordinary income taxes and eventual contractual obligations will be deducted from the above amount.

3368



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Mr. DE ANGELIS, Mr. NOBILI and Mr. SCARFICCIA will be retained on the books of S.R.E., I.C.E.A., and TERMI Co. respectively and will receive benefits similar to those which they would have had if still employed directly by the Companies.

Statistical Assistant : salary 6,000 lire per month; he will also receive a thirteenth month of salary each year and this will include any other kind of payment. Ordinary income taxes and eventual contractual obligations will be deducted from the above figures.

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3) - Expenditure for Master Control

The Committee agreed to adopt the following procedure for expenditure in connection with the Master Control :

- (1) - The Banca Commerciale Italiana will be appointed trustee of a fund to be known as the "Master Control Fund".
- (2) - Each Company will during the year 1945 make payments to the fund in equal amounts as requested by the Bank.
- (3) - The Bank will maintain a balance equal to three months salaries of the Master Control.
- (4) - Withdrawals will be made by cheque and all cheques must bear the signature of the Director of the Master Control and the Secretary to the Committee before payment is made by the Bank.

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336B

(1)



- (5) - The Director of the Master Control will be permitted to withdraw from the account sufficient money to meet salaries of Master Control plus an amount NOT exceeding 5,000 lire each month. Receipts covering all expenditures will be presented to the Committee for approval.
- (6) - Any expenses incurred by the Members and Secretary of the Committee in connection with the Master Control will be submitted to the Director who will make payment after approval by the Committee.

4) - Operation and allocation of power

The Committee gave their approval to the operation programme for the month of February 1945. A schedule showing the allocation of power for Central Italy was received.

5) - Progress of rehabilitation

A schedule showing the plants under repair and progress was reviewed. The Committee recommended the following arrangements :

- |   |  |
|---|--|
|   | <u>R e m a r k s</u>   |
| (1) - Anversa   | First priority.  |
| (2) - Acquerio  | Second priority. Castings to be made for the 1st & 2nd units while models are available. Machining of 2nd unit to be made at later date. |
| (3) - Cotilia   | Third priority.  |
| (4) - Gerosa, Lardarello and Ferfa I  | Fourth priority.   |
| (5) - Plans for the completion of S. Giacomo and Provvidenza Stations will be submitted by Terni Co. and discussed at the next meeting. |  |

336j

(6) - Plans for the rehabilitation of 1 unit at Prodi

5) - Progress of rehabilitation

A schedule showing the plants under repair and progress was reviewed. The Committee recommended the following arrangements :

Plants

- (1) - Anversa
- (2) - Acquoria

R e m a r k s

First priority.  
 Second priority. Castings to be made for the 1st & 2nd units while models are available. Machining of 2nd unit to be made at later date.

Third priority.

Fourth priority.

- (3) - Cotilia
- (4) - Gerosa, Lardarello and Farfa I

(5) - Plans for the completion of S.Giacomo and Provvidenza Stations will be submitted by Terni Co. and discussed at the next meeting.

(6) - Plans for the rehabilitation of 1 unit at Preci Station will be submitted by Terni Co.

(7) - Mr. Landucci requested assistance for transport of workers and additional food at Leghorn thermal station. Maj. Bell of A.C. will arrange this.

(8) - Mr. Landucci stated that Selt-Valdarno would not require any assistance from Terni Steel Works for repairs to plants now in liberated area.

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(1)

6) - Any other business

Nil

7) - Time and date of next meeting

It was agreed that the next meeting be held at 0900 hours on Monday 19th February 1945.

*[Handwritten signature]*

Mr. Engr. F. BARLUZZI  
Secretary,  
Advisory Committee

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- 75/90 - 4 Spares



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