Declassified E.O. 12356 Section 3.3/NND No. 785019

ACC E1/PWU 10000/150/686 E
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Declassified E.O. 12356 Section 3.3/NND No. 785019

10000/150/686

ELECTRICAL DIVISION HQ.
APR. - SEPT. 1945

NATIONAL ADVISORY COMMITTEE ON ELECTRIC POWER (ITALY)

Telephone
Rome 489081 - Ext. 317

M I N U T E S

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 - Porta 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.	Ippolito	- " Dr.Eng. Tricomi
Dr.Eng.	T. Masturzo	- Member
Dr.Eng.	A. Rovelli	- "
Dr.Eng.	G. Silva	- "
Dr.Eng.	E. Virgili	- "
Dr.Eng.	F. Barluzzi	- Secretary
Lt.Col.	W.M. Lapper	- In attendance
Lt.Col.	G.F. Parker	- " "
Lt.Col.	V.S. Renton	- " "
Dr.Eng.	C. Fascetti	- " "
Dr.Eng.	P. Ferrerio	- " "
Prof.Eng.	G. Maione	- " "

PUBLIC WORKS
DATE 4 October
FG 3563
EN

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

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

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Dr.Eng.	P. Benedetto	- "	
Dr.Eng.	P. Cesini	- substituting	Dr.Eng. Fiorelli
Prof.Eng.	Ippolito	- "	Dr.Eng. Tricomi
Dr.Eng.	T. Masturzo	- Member	
Dr.Eng.	A. Rovelli	- "	
Dr.Eng.	G. Silva	- "	
Dr.Eng.	E. Virgili	- "	
Dr.Eng.	F. Barluzzi	- Secretary	
Lt.Col.	W.W. Lapper	- In attendence	
Lt.Col.	G.F. Parker	- "	"
Lt.Col.	V.S. Renton	- "	"
Dr.Eng.	C. Fascetti	- "	"
Dr.Eng.	P. Ferrerio	- "	"
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PUBLIC WORKS
DATE 4 October
FILE 3563

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(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.Lapper of Allied Commission may be altered from time to time in order to obtain the highest effeciency. The National Committee now formed, will coordinate the work of the Regional

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Committees and submit recommendations to the Ministry of Public Works.

Eng. Visentini espressed his best thanks to Lt.Col. Lapper and to his assistants for the very friendly way in which t'ey had assisted during the reconstruction work and proposed the appointment of :

Lt.Col. W.M. Lapper as Honorary Chairman to the Committee
Lt.Col. G.F. Parker as Honorary Vice-Chairman
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.

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

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

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Prof.Eng. Ippolito reported on the electrical situation in Sicily : Palermo and Porto Empedocle 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 Tirso and S. Caterina stations which caused 25% drop in output (now only 10%).

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S. Caterina not yest completely repaired; material needed for maintenance.

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

Eng. Masturzo 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 Vomero Stations.

Prof. Ippolito informed the Committee that financial difficulties exist for the completion of the Vomero 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 90% of normal. More damage reported on transmission lines but repairs are being carried out. Assistance can be given to Central Italy Electrical Companies.

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

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In order to overcome curtailment of customers [illegible]
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Eng. Benedetto reported on some damaged facilities in Northern Italy. The Ligonchio-Tavernuzze 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 6182
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 distributin 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 - Porta Pia, Rome.

Dr. Eng. FRANCESCO BARLUZZI
Secretary to the Committee

Declassified E.O. 12356 Section 3.3/NND No. 785019

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Dr. Eng. FRANCESCO BARIUZZI
Secretary to the Committee

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Declassified E.O. 12356 Section 3.3/NND No. 785019

DISTRIBUTION LIST

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9 - C.E., AFHQ - APO 512
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Declassified E.O. 12356 Section 3.3/NND No. 785019

2 - C-in C Mediterranean Station Rmd
3 - G-5 AFHQ APO 512
4/5 - G-4 (A) AFHQ
6 - G-4 (B) AFHQ
7/8 - Director of Works (B) AFHQ - CMF
9 - C.E., AFHQ - APO 512
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36 - Food Sub-Commission HQ AC
37 - Labour Sub-Commission HQ AC
38 - Trans. Sub-Commission HQ AC
39 - Industry Sub-Commission HQ AC

Regional Commissioner
40 - (ATT. Regional Engineer) Emilia Region
41 - Piemonte Region
42 - Liguria Region
43 - Lombardia Region
44 - Venezia Region
45 - File
46/70 - Spares

6179

Declassified E.O. 12356 Section 3.3/NND No. 785019

HEADQUARTERS ALLIED COMMISSION
APO 394
Economic Section

Ref. ES/18.06

12 September 1945

SUBJECT: Public Utility Rates in AMG Territory

TO : Regional Commissioners
(Attn: Regional Engineer)

1. Italian Government Circular No. 2 of 14 April 1945, published in G.U. No. 50 of 26 April 1945, which has been implemented in AMG territory by the CCAO in G.U. No. 58 of 15 May 1945, provides that Provincial Price Committees are authorized to grant increases in certain public utility rates for periods of 4 to 12 months, in the form of a surcharge over the rates effective on 31 December 1942.

2. The maximum surcharge which the Provincial Price Committees may grant in accordance with this law is as follows:

Water	Maximum surcharge	100%
Gas	" "	300%
Electricity	" "	150%
Transportation within the town	" "	300%

3. Effective at once all applications for increases above the percentage authorized in Circular No. 2 will be handled through the committees established in para 3(a) and the North Italy Price Fixing Board established in 3(c) of the plan attached to the Chief Commissioner's letter of 9 July 1945. The committees applicable in this case are the Comitato Acque e Gas for water and gas, the Comitato Elettricita for Electricity and the Comitato Autoveicoli for Transportation within the town.

4. All applications for increases above the percentages shown in para 2 above will be forwarded by Regional Commissioners to the Office of the Representative of the Chief Commissioner, 16 Via Borgonarte, Milan, who will refer same to the appropriate committee. The Committee will make its recommendations to the North Italy Industrial Council, which if approved will be passed to the North Italy Price Fixing Board, which will fix the increase to be allowed. Increases so fixed will be processed in the same

Declassified E.O. 12356 Section 3.3/NND No. 785019

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2. The maximum surcharge which the Provincial Price Committees may grant in accordance with this law is as follows:

Water	Maximum	surcharge	100%
Gas	"	"	300%
Electricity	"	"	150%
Transportation within the town	"	"	300%

3. Effective at once all applications for increases above the percentage authorized in Circular No. 2 will be handled through the committees established in para 3(a) and the North Italy Price Fixing Board established in 3(c) of the plan attached to the Chief Commissioner's letter of 9 July 1945. The committees applicable in this case are the Comitato Acque e Gas for water and gas, the Comitato Elettricita for Electricity and the Comitato Autoveicoli for Transportation within the town.

4. All applications for increases above the percentages shown in para 2 above will be forwarded by Regional Commissioners to the Office of the Representative of the Chief Commissioner, 16 Via Bonaparte, Milan, who will refer same to the appropriate committee. The Committee will make its recommendations to the North Italy Industrial Council, which if approved will be passed to the North Italy Price Fixing Board, which will fix the increase to be allowed. Increases so fixed will be processed in the same manner as other prices fixed by the North Italy Price Fixing Board.

BY COMMAND OF REAR ADMIRAL STONE:

E. D. McKINLEY
Brigadier General, USA
Acting Vice President

6178

Distribution: Action
Regional Commissioners - Piemonte, Lombardia, Venezia, Liguria
Information
SCAO 13 Corps
PW & U S/C
Col. Glerdinning, Office of Rept. of Chief Commissioner, AC
16 Via Bonaparte, MILAN
Col. Hancock, Deputy Regional Commissioner, Lombardia Region
Price Office, Alcom, ROME
Price Office, Alcom, MILAN
North Italy Industrial Council
North Italy Price Fixing Board

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TELEPH. 20004
EXT. 53

VENICE OFFICE
ELECTRICAL DIVISION
PUBLIC WORKS & UTILITIES SUB COM.
ALLIED COMMISSION
A.P.O. 394

VENICE 25 September 1945

S. MARCO CALLE GOLDONI 4459 A

PMV/pp

SUBJECT: "ADRIA" - Energie G.m.b.H.

TO: Chief Electrical Division - Public Works & Utilities
S/C - Hqs. Allied Commission - APO 394

1. The "ADRIA" - Energie G.m.b.H. was a 100% German owned Company organized to construct a 100 kV. line from Sade's Centrale Lumiei, under construction at Ampezzo, to Villach, Austria (80 km.).

2. Some of the tubular steel towers had been delivered to railway sidings near Tarvisio and Villach, but erection had not commenced.

3. The F.F.S.S. had become so interested in having an alternative source of power for Camporosso, that they had removed the A.C.S.R. from their 130 kV. line between the Po River and Padova. This conductor consisting of 37 km. of 223 sq.mm. ACSR is now located at Federaun, Austria, near Villach. I was not able to determine whether this was a sale, loan or gift. Another 150 km. of ACSR for this line was reported captured on railroad cars at Spresiano, Italy, in April 1945. Other materials are reported to be at Porto Marghera.

4. Austria was very interested in this line because of the winter time power which was to be plentiful at Ampezzo due to the large storage. The Carinthia area of Austria has no large storage power plants and is always short of power in winter.

VENICE OFFICE PW&U Sub. Com. OFFICIAL DATE 25.9.45 AL COM Electrical Division

Chief Venice Office

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Declassified E.O. 12356 Section 3.3/NND No. 785019

TELEPH. 26064
EXT. 59

VENICE OFFICE
ELECTRICAL DIVISION
PUBLIC WORKS & UTILITIES SUB COM.
ALLIED COMMISSION
A. P. O. 394

VENICE 25 September 1945

S. MARCO CALLE GOLDONI 4120 A

PLV/pp

SUBJECT: Transformers removed by Germans from Italy to Austria

TO: Chief Electrical Division - Public Works & Utilities
S/C - Hqs. Allied Commission APO 394

1. Ref. 303/PWU/4 Sept.1945.

2. In the British area of Austria I was assured by Ing.Lobmeyer of the State Eng.Dept.at Klagenfurt that the transformers were not in the area. He was a liaison engineer between Trieste area and Klagenfurt area for electric power transmission and was familiar with all plans concerning that subject.

3. The Military Government at Klagenfurt will check railroad employees at Villach in an attempt to determine if the Foligno transformer went thru there prior to June 1944. The railroad records were nearly all destroyed by the bombings of the transportation centers.

4. At Salzburg, I talked to Lt.Col.Huff, Deputy Chief, Military Division, United States Allied Commission of Austria (Rear). He informed me that no list of C.E.M. had yet been attempted and that each unit of the occupying forces took over all C.E.M. in its own area.

5. I suggested that G-4 (CEM) might have some information but failed to get his agreement for me to even ask them. He also said no C.E.M. could be released by the Army for civilian firms including those in Italy.

6. The State Department would have to arrange for material to cross the border for all needs except military. I was informed that Lt.Col. Huff would have to release any materials, even if they were found.

7. I went to Linz and talked to the P W & U. Officer, Capt. Turansky. He had not heard of the transformers. He said he would ask the local electric Company O K A (Oesterreichische Kraftwerke Aktien-Gesellschaft), and inform us of the results.

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Declassified E.O. 12356 Section 3.3/NND No. 785019

25/9/45.

To Chief Electr.Div.-P.W.& U. S/C - Hqs.Alcom - Transformers removed by Germans from Italy to Austria

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8. My conclusions are that the transformers will be very difficult to locate, and that should they be found it will require considerable time to obtain the proper permission and transportation to return them to Italy. Part of Linz is in the Russian area and travel is very difficult even for the Austrian electric Company employees.

VENICE OFFICE
PW&U Sub Com.
OFFICIAL
DATE 25.9.45
AL COM
Electrical Division

Chief Venice Office

Declassified E.O. 12356 Section 3.3/NND No. 785019

TELEPH. 26004
EXT. 58

VENICE OFFICE
ELECTRICAL DIVISION
PUBLIC WORKS & UTILITIES SUB COM.
ALLIED COMMISSION
A. P. O. 394

VENICE 25 September 1945

S. MARCO CALLE GOLDONI 4423 A

PMV/pp

SUBJECT: Mica Production - Austria

TO: Chief Electrical Division - Public Works & Utilities S/C
Hqs. Allied Commission -- APO 394

1. There is one fairly large mica mine near Klagenfurt, Austria. I have seen samples of the product and it is a thick straight seam of ~~pure bauxite~~ muscovite (white mica) with no contamination. It parts very easily into thin sheets and can readily be worked into any form required.

2. The two available mines are as follows :

- Phillips Valvo-Werke G.m.b.H. - Pölling, Postal Station
  ANDRA - Landkreis Wolfsberg - (Dutch owned firm)

  Yearly production - 250 Tons
  Number of Employees - 236

- Glimmergruber Hodriach
  Hodriach - Voitsberg

  Yearly production - 15 tons

3. Those mines are both in the British area. The Phillips mine is reported to have some kind of a processing plant to make sheets and forms to any dimension.

4. There is no rate of exchange between the two countries, however a trade could possibly be arranged. UNRRA offices at Klagenfurt were perturbed over the high prices demanded by Italy for fruit for importation to the area. Possibly through UNRRA a trade of excess fruit, food, etc. in Italy could be traded for the Austrian mica.

5. At least the development of this source of mica would eliminate the necessity of further use of ships, to bring mica from the U.S.A.

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25/9/45

6. The Industry division of the Military Government at Klagenfurt does not appear to be anxious to re-open these mines. I did not discuss the matter with them and presume that their reluctance may possibly be difficulties of transportation or ignorance of the needs for mica in Europe.



Chief Venice Office

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TELEPH. 20004
EXT. 68

VENICE OFFICE
ELECTRICAL DIVISION
PUBLIC WORKS & UTILITIES SUB COM.
ALLIED COMMISSION
A. P. O. 394

VENICE 22 September 1945

S. MARCO CALLE GOLDONI 4489 A

SUBJECT: Energy Company - Bolzano

TO: Chief Electrical Division - Public Works & Utilities S/C
Hqs. Allied Commission - APO 394

- 1. Ref. 137/PWU/4 Sept.1945.

- 2. I contacted Lt.Col. Howard (US) Deputy Chief, Economic Section, United States Allied Commission of Austria (Rear) at Salzburg, regarding the 130 kV. transmission line between Bressanone and Innsbruck. The answers to your questions in the above mentioned letter are as follows :

3. (a) The line is not desired.
The Innsbruck area has an excess of power and a line from Innsbruck to Vienna is being rushed to completion with the expectation of carrying 20,000 kW. of power.

3. (b) I do not think transformers were intended at Innsbruck. It would be possible to feed the Austrian grid of 100 kV. (actually 107 to 110 kV.) by varying the fields of the Bressanone generators.

3. (c) Austria is not interested in the line.

3. (d) Return of material would have to be arranged with the French A.C.A. at Innsbruck. If the Company is considered as German-owned, the material is automatically Captured Enemy Material and the French would probably take custody of it for French industry.

3. (e) No group is able to act. The Finance Officer, AMG, Bolzano Province has blocked the total funds of the Company amounting to approximately 900,000 Lire.

3. (f) A conference with French officials to determine the nationality of the Company and to obtain their reactions to the return of equipment to Italy. I do not believe the dismantling of the line to be warranted economically. However, much equipment is in the dumps along the road both in Austria and Italy and could be collected if transportation was made available.

VENICE OFFICE
PW&U Sub. Com.
OFFICIAL
DATE 22.9.45
AL COM
Electrical Division

- 3. Please advise if you desire this matter pursued further with the officials at Innsbruck.

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Chief Venice Office

Declassified E.O. 12356 Section 3.3/NND No. 785019

TELEPH. 26064
EXT. 58

VENICE OFFICE
ELECTRICAL DIVISION
PUBLIC WORKS & UTILITIES SUB COM.
ALLIED COMMISSION
A. P. O. 394

VENICE 21 September 1945

S. MARCO CALLE GOLDONI 4460 A

PMV/pp

SUBJECT: Increase rates for S.T.E.

TO: Chief Electrical Division - Public Works & Utilities S/C Hqs. Allied Commission

Attached is a request for increase of electric rates by the Società Trentina di Elettricità. All rate changes have been handled without any information being sent to this office.

Therefore, I am in a position where I can only pass the letters along.

VENICE OFFICE PW&U Sub. Com. OFFICIAL DATE 21.9.45 AI COM Electrical Division

Chief Venice Office

1 inclosure

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Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel. 489081
Ext. 317

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

LWL/ec

214/PWU

11 Sept. 45

Subject : Power allocation for the month of September 1945

To : REGIONAL COMMISSIONER LIGURIA REGION
(Att. Reg. Engineer) PIEMONTE REGION
LOMBARDIA REGION
VENEZIA REGION

Enclosed herewith for information is copy of power allocation for the month of September 1945.

By Command of Rear Admiral STONE,

George F. Parker
GEORGE F. PARKER
Lt-Colonel, Inf.
Chief, Elec. Div.

1 enclosure

PUBLIC WORKS
DATE 14 SEP 45
REG 2921
LEN
VENEZIA REGIONALE

6172

COPY NO: 82

ALLIED FORCE LOCAL RESOURCES SECTION
A.F.H.Q.

LRS/215B.

Postal Address :
AFLRS, ROME AREA
ALLIED COMMAND,
C. M. F.

TEL : 66275 ROME

25th August 1945

ALLIED FORCE LOCAL RESOURCES (I. TAN) BOARD

ELECTRIC POWER COMMITTEE - MINUTES

82. The twenty-second meeting of the Electric Power Committee was held at 0930 hours on Saturday 25 AUG 1945 in the AFLRS (AFHQ) Conference Room, ROME.

PRESENT:

Chairman
Colonel THOMAS R. GIBSON AFLRS (AFHQ)
(acting in absence of Brig. B.B. EDWARDS, Engrs (B), AFHQ)

Representatives of:

D.W., AFHQ
D&R, ITALY
CG, PBS
HQ, No 3 District
CG, Rome Area Allied Command
HQ, AFCOM
Public Works & Utilities
Sub-Commission, HQ AFCOM

IN ATTENDANCE:

Acting Chief of Section (Br) AFLRS AFHQ

83. MINUTES OF LAST MEETING:

Declassified E.O. 12356 Section 3.3/NND No. 785019

ALLIED FORCE LOCAL RESOURCES (PLANNING) BOARD

ELECTRIC POWER COMMITTEE - MINUTES

82. The twenty-second meeting of the Electric Power Committee was held at 0930 hours on Saturday 25 AUG 1945 in the AFLRS (AFHQ) Conference Room, AMGOT.

PRESENT:

Chairman

Colonel THOMAS R. GIBSON AFLRS (AFHQ)
(acting in absence of Brig. B.B. EDWARDS, Engrs (B), AFHQ)

Representatives of:

D.W., AFHQ
DMR, ITALY
CG, PBS
HQ, No 3 District
CG, Rome Area Allied Command
HQ, ALCOM
Public Works & Utilities Sub-Commission, HQ ALCOM

IN ATTENDANCE:

Acting Chief of Section (Br) AFLRS, AFHQ

83. MINUTES OF LAST MEETING:

The minutes of the twenty-first meeting held on 21 July 1945 were approved.

617

84. MINUTES OF BOARD MEETING:

The only matter which arose from the meeting of the Board held on 4 August 1945 is dealt with in minute 85 below.

85. HQ 3 DISTRICT ELECTRIC POWER MEETING:

In accordance with the instructions of the Board (minute 64(b) of the Board meeting held on 4 August 45 refers) a meeting was held at HQ 3 District on 10th August 1945 and the following recommendations made :-

(a) That the civil Industrial Installations in Southern Italy be reviewed by the Italian Government and Industry Sub-Commission HQ ALCOM with the view to disconnecting such installations they now consider non-essential in order that power may be made available to higher priority demands.

(b) That Military Installations be reviewed and a list prepared of those now de-requisitioned or at which no Military Contract now exists.

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HQ No 3 District representative reported that the list referred to in sub-para (b) above was in course of preparation and would be forwarded to HQ ALCOM as soon as available.

86. ALLOCATION OF POWER - SEPTEMBER:

A report was received from HQ ALCOM on the amount of power available in Central and Southern Italy. Demands from Base Sections, Districts, etc., were received and allocations were made as per Annexure I attached.

The combined demand of the Central Italy Grid and the Valdarno System has so far in August only reached a peak of 170,000 KW as compared with 196,200 KW, the peak authorised for August. The Committee considered that the difference was caused by authorized loads not yet having been connected and agreed to allocate 15 000 KW peak load to the Terni Ammonia Plant at Nera Montoro with the following provisions :-

(a) That the plant will be disconnected, wholly or partially as necessary, if the connecting of other loads, already authorized, causes the system to become overloaded.

(b) That the load will be reduced at the plant in the event that the system becomes overloaded during times of peak load or emergencies.

87. INTERCONNECTION OF CENTRAL WITH SOUTHERN ITALY:

The following report was received from HQ ALCOM:-

"Present indications are that the 150,000 volt electric transmission line interconnecting Central and Southern Italy now under repair will be completed by the end of September in accordance with the following :-

> Pescara III to Archi (the south end of the line, belonging to the Societa Meridionale di Elettricita) finished by 15 SEPT 1945.
>
> Archi to Aquila (the north end of the line, belonging to the Societa Terni) finished by 30 SEPT 1945."

HQ ALCOM reported that transportation to assist in the reconstruction of the above lines is now being made available.

Certain difficulties may arise in Southern Italy in the event of a frequency change arising from the interconnection especially in those areas which are at present on 42 cycles. HQ ALCOM representative undertook to submit to HQ 3 District and AFLRS details of the area or areas in Southern Italy in which they proposed that the 50 cycle frequency should become

Declassified E.O. 12356 Section 3.3/NND No. 785019

were received and allocations were made as per Annexure I attached.

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HQ ALCOM reported that transportation to assist in the reconstruction of the above lines is now being made available.

Certain difficulties may arise in Southern Italy in the event of a frequency change arising from the interconnection especially in those areas which are at present on 42 cycles. HQ ALCOM representative undertook to submit to HQ 3 District and AFLRS details of the area or areas in Southern Italy in which they proposed that the 50 cycle frequency should become effective consequent upon receipt of power from Central Italy.

88. FUEL OIL:

It was reported that the allocation of fuel oil to the Capuano Thermal Plant at Naples was being reduced by approximately 10% for the month of September. Any reduction of fuel oil allocation would result in a corresponding reduction of power output which could ill be suffered in Southern Italy at present due to the considerably reduced output of the river stations and the dangerously low water level in the Sila reservoir.

The Committee consequently recommended to the Board that consideration be given to the possibility of restoring the allocation of fuel oil to the Capuano Plant to its previous level.

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89. NEXT MEETING:

The next meeting of the Committee will be held at 0930 hours on Saturday 29 September 1945 in the AFLRS (AFHQ) Conference Room, ROME.

S.J.E. LOULEN, Major, DAQMG,
Secretary,
A. F. L. R. (ITALIAN) BOARD.

SJEL/gs.

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Declassified E.O. 12356 Section 3.3/NND No. 785019

ANNEXURE I.

CENTRAL ITALY (SEPTEMBER 1945)

AREA SERVED & RESPONSIBILITY OF	KW x 10^3 0600 hours	KWH x 10^6 to 2200 hours	KW x 10^3 2200 hours	KWh x 10^6 to 0600 hours
DISTRICT 3				
+Terni	19.00	7.30	17.00	3.20
Terni Carbide	-	-	10.00	2.00
Perugia & Foligno	5.00	2.00	4.40	.80
Spoleto	3.50	1.40	3.00	.60
Ancona & Adriatic Coast to North exclusive of FANO	6.60	2.50	4.10	.80
ØRimini & Adriatic Coast to South inclusive of FANO	2.60	1.00	2.60	.50
Arezzo &District	4.50	1.80	3.20	.60
Orvieto & District	2.00	.80	1.50	.30
Adriatic South to Pescara	1.50	.60	1.50	.30
Frosinone	3.00	1.20	1.50	.35
Rieti	1.50	.70	1.25	.30
Viterbo	1.50	.70	1.25	.30
Rome (District)	1.50	.70	1.00	.25
Acquila	1.50	.70	1.00	.25
P.B.S.				
Civitavecchia & Littoria	7.00	2.70	5.00	1.00
Florence	16.00	6.30	16.00	3.00
Leghorn	15.00	6.00	8.00	1.50
Lucca	8.00	3.10	5.00	1.00
Piombino	2.50	1.00	1.50	.35
Grosseto	4.00	1.50	2.00	.40
Lardarello	1.00	.35	1.00	.20
Pistoia	3.00	1.20	2.00	.40
Prato	7.00	2.70	4.00	.70
Siena	2.00	.80	1.50	.35
R.A.A.C.				
Rome	80.00	31.70	45.00	9.00
M.R.S.				
Railways	10.00	4.0	10.00	2.00
TOTAL	209.20	82.95	154.30	30.50

6175

\+ 15.00 KW x 10^3 peak load may be used by the NERA MONTORO PLANT subject to none of the above allocations being affected thereby.

Ø This increased allocation (over July 1945) is contingent on the voltage at ANCONA not being affected thereby.

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A. F. L. R. (ITALIAN) BOARD.

SJEL/gs.

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19	Q(AE), AFHQ
20	Engineer Section, AFHQ
21	Engrs (B), AFHQ
22/23	DGS, AFHQ
24	QM(Coal Section), AFHQ
25	Fiscal Director, AFHQ
26	F.A., AFHQ
27	CG, MTOUSA
28	GPA, MTOUSA
29	CG, Fifth Army (Attn: G-4)
30 31	LMR, ITALY
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33	USAAF/MTO
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42/43	EPA, PBS
44	TPA, PBS (South)
45/46	HQ, 1 District
47	CE, 1 District
48	HQ, 2 District
49	CE, 2 District
50	HQ, 3 District
51	CE, 3 District
52/56	CG, Rome Area Allied Command
57	SENALUSNO, ITALY
58	C.S., TARANTO
59	COMNOB, PALERMO
60	NOIC, TARANTO
61	Chief Commissioner, ALCOM
62	HQ, ALCOM
63	Vice-President, Economic Section
64/69	Economic Section
70/71	Industry Sub-Commission
72/86	Public Works & Utilities Sub-Commission
87	Chairman, Electric Power Committee
88/90	War Diary
91	File
92/120	Spares.

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ANNEXURE I (cont'd)

SOUTHERN ITALY (SEPTEMBER 1945)

ARE SERVED	RESPONSIBILITY OF	PERMISSIBLE 15 Minute Peak KW x 10^3	PERMISSIBLE ENERGY KWh x 10^6
Apulia Co.			
To UNES	3 District	36.00	19.50
	3 District	3.50	1.10
	P.P.S.	47.00	18.50
NAPLES DISTRICT			
Campania Co.			
(i) Frattamaggiore	P.P.S.	3.50	2.20
(ii) Pomigliano	3 District	1.50	1.2[illegible]
(iii) Salerno-Torre-Cost.	3 District	19.00	10.5
(iv) Benevento	3 District	3.25	1.40
(v) Colore	3 District	1.00	0.60
(vi) Santa Maria	P.P.S.	5.50	2.80
Lucania Co.	3 District	4.00	1.50
Railways, Naples Area	M.R.D.	1.50	1.10
Foggia-Benevento	M.R.D.	3.00	3.00
Salerno-Torre	M.R.D.	2.00	1.10
TOTAL 150 KV AT SUB STATIONS		125.75	64.55
Calabria 60 KV System			
(i) Calabria Co.	ALCO.	8.50	2.00
(ii) Railways	M.R.D.	3.00	1.70
TOTAL 60 KV AT SUB STATIONS		11.50	3.70
TOTAL 150 KV & 60 KV		137.25	68.25
TOTAL AT PLANTS		155.00	80.00

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CENTRAL ITALY (SEPTEMBER 1945)

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DISTRICT 3						
+Terni	19.00		7.30	17.00		3.20
Terni Carbide	-		-	10.00		2.00
Perugia & Foligno	5.00.		2.00	4.40		.80
Spoleto	3.50		1.40	3.00		.60
Ancona & Adriatic Coast to North exclusive of FANO	6.60		2.50	4.10		.80
ØRimini & Adriatic Coast to South inclusive of FANO	2.60		1.00	2.60		.50
Arezzo &District	4.50		1.80	3.20		.60
Orvieto & District	2.00		.80	1.50		.30
Adriatic South to Pescara	1.50		.60	1.50		.30
Frosinone	3.00		1.20	1.50		.35
Rieti	1.50		.70	1.25		.30
Viterbo	1.50		.70	1.25		.30
Rome (District)	1.50		.70	1.00		.25
Acquila	1.50		.70	1.00		.25
P.B.S.						
Civitavecchia & Littoria	7.00		2.70	5.00		1.00
Florence	16.00		6.30	16.00		3.00
Leghorn	15.00		6.00	8.00		1.50
Lucca	8.00		3.10	5.00		1.00
Piombino	2.50		1.00	1.50		.35
Grosseto	4.00		1.50	2.00		.40
Lardarello	1.00		.35	1.00		.20
Pistoia	3.00		1.20	2.00		.40
Prato	7.00		2.70	4.00		.70
Siena	2.00		.80	1.50		.35
R.A.A.C.						
Rome	80.00		31.70	45.00		9.00
M.R.S.						
Railways	10.00		4.00	10.00		2.00
TOTAL	209.20		82.95	154.30		30.50

6175

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ANNEXURE I (cont'd)

SOUTHERN ITALY (SEPTEMBER 1945)

AREA SERVED	RESPONSIBILITY OF	PERMISSIBLE 15 Minute Peak KW x 10^3	PERMISSIBLE ENERGY KWH x 10^6
Apulia Co.	3 District	26.00	19.50
To UNES	3 District	5.50	1.10
NAPLES DISTRICT	P.L.S.	37.00	18.50
Campania Co.			
(i) Frattamaggiore	P.L.S.	3.50	2.20
(ii) Pomigliano	3 District	1.50	1.2[illegible]
(iii) Salerno-Torre-Cast.	3 District	19.00	10.5[illegible]
(iv) Benevento	3 District	3.25	1.40
(v) Colore	3 District	1.00	0.60
(vi) Santa Maria	P.L.S.	5.50	2.80
Lucania Co.	3 District	4.00	1.50
Railways, Naples Area	M.R.S.	1.50	1.10
Foggia-Benevento	M.R.S.	2.00	3.00
Salerno-Torre	M.R.S.	2.00	1.10
TOTAL 150 KV AT SUB STATIONS		125.75	64.55
Calabria 60 KV System			
(i) Calabria Co.	ALCO.	6.50	2.00
(ii) Railways	M.R.S.	5.00	1.70
TOTAL 60 KV AT SUB STATIONS		11.50	3.70
TOTAL 150 KV & 60 KV		137.25	68.25
TOTAL AT PLANTS		155.00	80.00

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TELEPH. 20004
EXT. 59

VENICE OFFICE
ELECTRICAL DIVISION
PUBLIC WORKS & UTILITIES SUB COM.
ALLIED COMMISSION
A. P. O. 394

10 September 1945

VENICE
S. MARCO CALLE GOLDONI 4459 A

PEV/pp

SUBJECT: Power Plants - Bolzano Province

TO: Mr. A.H. SULLIVAN - Director P.W. & U. S/C
Hqs. Allied Commission

This is in answer to your recent oral request for information concerning the electric power plants in the Bolzano area.

The three most interesting plants in the whole Venezia Region, to my mind, are Cardano, Ponte Gardena and Bressanone. They are located on Highway N°12 (The Brenner Pass Route) at 3,23 and 41 kilometers respectively North of Bolzano.

CARDANO - Italy's largest generating station - 208 000 kVA

Generators	- 5 - 36000 kVA	42/50 cycles
"	- 3 - 9000 kVA	16,7 cycles
"	- 2 - 500 kVA	50 cycles
Turbines	- 5 - 45000 HP	Francis
- "	- 3 - 14700 HP	Pelton
"	- 2 - 500 HP	Pelton
Reservoir	- None	Run of stream
Settlement Basin		270 000 cubic meter
Tunnel	16 Km. long - 90 cubic meter per second	capacity
Head	164,5 meters	

The transformers for each of the large machines are 36000 kVA 3 Ø - 10,000/230,000 Y - 135,000 Volts, forced air cooling of pump circulated oil. The switch-yard for 230 kV. is interesting as this station feeds a 230 kV. line - 160 miles to a substation just west of Milano.

PONTE GARDENA - 75,000 kVA

Generators	- 3 - 25000 kVA	42/50 cycles
Turbines	- 3 - --	Francis
Reservoir	- None	Run of stream
Head	- 60 meters	

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VENICE OFFICE
ELECTRICAL DIVISION
PUBLIC WORKS & UTILITIES SUB COM.
ALLIED COMMISSION
A. P. O. 394

VENICE 10/9/45

S. MARCO CALLE GOLDONI 4420 A

2nd sheet

To Mr.Sullivan - Director P.W.& U. - Hqs.Allied Commission

The station must be regarded as one of the most beautiful in all Italy. All of the generation and turbine equipment is underground and the generator room is finished with colored stone and mosaics which are enhanced by very modern and effective indirect lighting.

BRESSANONE - (Diagram attached) - 142,500 kVA

Generators - 3 - 35000 kVA 42/50 cycles
- - 2 - 18750 kVA 42/50 cycles

Turbines all Francis

Reservoirs - Isarco 1,670,000 cubic meters
- Rienza 1,690,000 cubic meters

Head - 159,4 meters

This plant is completely underground with the exception of the switchgear. There are four 135 kV. lines to the South and one 135 kV. to a smaller station just North of Bressanone. Also on the hill above the plant can be seen the first tower of the partially constructed 135 kV. Bressanone-Innsbruck line which was intended to connect the transmission system of Italy with that of Austria and Germany.

The expansion chamber hollowed out of the rock is one of the outstanding civil works of this plant. Also the interior of the machine room is interesting because it is finished in glass brick with indirect lighting behind the glass brick panels giving the illusion of an outdoor station.

Ing. Rotov, an Italian Civilian on the engineering staff of the Bolzano Province A.M.G., would be glad to give you any assistance possible when you are in that area.

1 inclosure

VENICE OFFICE | PW&U Sub. Com. OFFICIAL DATE 10.9.45 AL COM. | Electrical Division

6168
Chief Venice Office

NORTHERN ITALY ELECTRICITY SCHEME

Telephone
Rome 489081 - Ext. 317

10 September 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (NORTHERN ITALY)

M I N U T E S

The second meeting of the Advisory Committee on Electric Power (Northern Italy) was held at 1000 hrs on Thursday August 30th, 1945 in the offices of Società Edison - Milan.

Present :

Dr.Eng.	F. Benedetto	- Acting Chairman
Prof.Eng.	A. Asta	- Vice-Chairman
Dr.Eng.	R. Marin	- Member
Dr.Eng.	M. Brunetti	- "
Dr.Eng.	I. Audoly	- "
Dr.Eng.	G. Dezza	- "
Dr.Eng.	L. Selmo	- "
Dr.Eng.	L. Emanueli	- "
Dr.Eng.	G. Merla	- "
Dr.Eng.	L. Maggi	- Acting Secretary
Lt.Col.	G.F. Parker	- In Attendance
Maj.	R.A. Ryan	- " "
Maj.	C.S. Wilcox	- " "
Dr.Eng.	E. Solari	- " "
Dr.Eng.	C. Genesio	- " "

PUBLIC WORKS
DATE 13 Sept 45
FG V 3045
FILE
VENEZIE REGION: A M G

Lt.Col. Parker reported, that, in agreement with Prof.Eng. M. Visentini, General Inspector for Electricity, Watee and Gas of the Ministry of Public Works, he had decided to appoint Dr.Eng. F. Benedetto, Acting Chiarman to the Committee until the matter of Advisory Committees in Italy would be settled by the Italian Government.

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Present :

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Prof.Eng.	A. Asta	- Vice-Chairman
Dr.Eng.	R. Marin	- Member
Dr.Eng.	M. Brunetti	- "
Dr.Eng.	I. Audoly	- "
Dr.Eng.	G. Dezza	- "
Dr.Eng.	L. Selmo	- "
Dr.Eng.	L. Emanueli	- "
Dr.Eng.	G. Merla	- "
Dr.Eng.	L. Maggi	- Acting Secretary
Lt.Col.	G.F. Parker	- In Attendance
Maj.	R.A. Ryen	- " "
Maj.	C.S. Wilcox	- " "
Dr.Eng.	E. Soleri	- " "
Dr.Eng.	C. Genesio	- " "

PUBLIC WORKS & [illegible]
DATE 13 SEPT 45
REG N 3015
FILE
VENEZIE REGION: A M G

Lt.Col. Parker reported, that, in agreement with Prof.Eng. M. Visentini, General Inspector for Electricity, Water and Gas of the Ministry of Public Works, he had decided to appoint Dr.Eng. F. Benedetto, Acting Chairman to the Committee until the matter of Advisory Committees in Italy would be settled by the Italian Government.

Eng. Benedetto expressed his thanks to Col. Parker and Prof.Eng. Visentini.

6) - Minutes of the 1st meeting of the Committee held on July 19th, 1945

The minutes were approved.

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7) - Matters arising from previous minutes

Min. 2) - page 3 second para should read : "South of the Po the situation is much worse due to destruction of stations on Brasinone River and of medium and high voltage electric systems.

Min. 2) Lt.Col. Parker reported that data on coal requirement for a daily 3-hours supply of gas in the largest towns, are now available. The responsible Allied Coal Allocation Authorities will shortly have a meeting on this matter and the Committee will be informed of any decision taken.

Min. 2) It was reported that large stocks of aluminum ore are now available at Porto Marghera but cannot be treated by the local plant which is out of service due to war damage. It would be advisable to take the ore to Mori and Bolzano now that electric power is largely available.

The Committee recommended that Eng. Dezza and Eng. Benedetto collect all necessary data in order to arrange with Major Wilcox (Milan Office of the Electrical Division, A.C.) for necessary transport.

Copper conductor is urgently needed especially for machinery repairs and some transmission line wires are now employed for this purpose. The Committee recommended that A.C. take some steps to see whether this material can be supplied from United States.

Lt.Col. Parker reported that a certain ammount of imported mica, probably sufficient for the most important works would shortly be available. Magnetic sheets have also been shipped but will not be sufficient to meet the main requirements.

Eng. Aste informed the Committee that Terni Co. will shortly resume the production of magnetic sheets and Eng. Dezza reported that Falck Steelworks will be able to produce 300 tons of dynamo type and 100 tons of transformer type magnetic sheets per month, starting from October.

The CCmmittee agreed that the operation of Electrosiderurgical Works should not be prolonged beyond November the 15th; Col. Parker reported that it is effected that the production of gas will be started in advance so as to have metallurgical coke available at an early date.

Insulating oil is urgently required for transformers and oil switches and no allocation has so far been made. Lubricating oil is also very urgent

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Insulating oil is urgently required for transformers and oil switches and no allocation has so far been made. Lubricating oil is also very urgent. The Committee recommended that A.C. look into this matter.

Min. 2) Transport situation is still extremely serious especially for the shortage of tyres. Eng. Emanueli reported on the estimated production of Pirelli and Michelin Factories. Lt.Col. Parker informed the Committee that arrangements are being made by A.M.G. and the Italian Government to make available a certain number of military vehicles. The electric companies should submit now the lists of their requirements to the Ministry of Transport through the Ministry of Public Works.

6165

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The Committee recommended that a high priority be granted to the Electrical Companies in connection with the allocation of those vehicles.

The procedure to be followed when making application for cars and trucks was explained by Eng. Asta.

8) - To review progress and make recommendations in connection with the rehabilitation of generating plants and transmission systems

Eng. Selmo (S.I.P.) reported that Cestiglion Dora Station will be in operation on September 10; Torino-Asti transmission line will be ready about September 15th.

All plants should be in operation by the end of the year. Present day production is less than last year and namely 25% less in Piedmont; 70% less in Alto Adige; 28% less in Lombardia. Water is being regularly stored.

Breda and Fiat Steelworks have now resumed operation at reduced load.

Eng. Marin (Adriatica Co.) reported that the main problem is now the electric power supply to Romagna. One line has been reactivated and arrangements are being made to provide suitable transformers.
An emergency supply on a reduced base, will probably be made throughout Romagna within this year.

Present day production is 3.2 millions kWh a day (1944 figure : 4 millions).

All reservoirs are normally being impounded.

Thermal station at Forlì is now out of service.

Eng. Dezza (Falck Co.) reported that the daily consumption of Falck Co. is now 120.000 kWh (normal : 1.8 millions) but will be increased up to 1 million in 20 days, when the workshops are reactivated.

A large amount of electric power is also available at Montecatini Co. plants.

Eng. Benedetto (Edison Co.) reported that Sonico Station started operation a week ago and Temù will again be in service in September. Strettara plant will probably be react-

Declassified E.O. 12356 Section 3.3/NND No. 785019

All plants should be in operation by the end of the year. Present day production is less than last year and namely 25% less in Piedmont; 70% less in Alto Adige; 28% less in Lombardia. Water is being regularly stored.

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Eng. Benedetto (Edison Co.) reported that Sonico Station started operation a week ago and Temù will again be in service in September. Strettera plant will probably be reactivated within this year.

Transmission line repairs are proceeding slowly, due to shortage of conductor, clamps and insulators.
Two transmission lines (Morì-S.Palo and Mese-Arquate) will shortly be reactivated using all available line conductor to restore one circuit.

6165

Three lines are now available to supply Toscana; a fourth line, shortly to be in operation, will permit the sending of a larger block of power to that region. Another line is being repaired by Emilian Co.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Industrial customers load is now slightly increasing; much anxiety exists as to the electrodomestic service consumption which, in some areas, has already exceeded the normal winter peak.

Material for maintenance and for extension of distribution network is still short and in some instances the necessary parts are taken from stand-by units.

Water is being regularly stored.

Eng. Genesio (C.I.E.L.I.) reported that repairs of Bevera station will require a long time. The whole C.I.E.L.I. grid has been reactivated with means on hand.

Load reduction, compared with 1940, is 20% due to reduced operation of railways which is partially compensated by electrodomestic demand. The electric power supply to France is regularly maintained.

Eng. Brunetti (AEM) reported that the whole Turin network is now in operation. Rosone Station is operating at reduced load due to one 20,000 KVA unit being out of service.

Water reservoir situation is normal. Similar situation for AEM at Milan.

9) - Operation programme and availability of power for the month of September 1945

It was reported that sufficient energy will be available during the next month.

C.I.E.L.I. will be short of 23 millions kWh during September, due to lack of rainfall; this energy will be supplied by Edison Company.

10) - Overloading on distribution systems due to large demand for domestic services

The matter of relieving the electrodomestic load by supplying gas for cooking was discussed.

It was shown that the electric heating load will still be very high and it would be advisable to permit free transport of wood for domestic heating into the large towns.

Lt.Col. Parker drew the Committee's attention on the shortage of coal which will occur during th

Declassified E.O. 12356 Section 3.3/NND No. 785019

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It was shown that the electric heating load will still be very high and it would be advisable to permit free transport of wood for domestic heating into the large towns.

Lt.Col. Parker drew the Committee's attention on the shortage of coal which will occur during the next several years advising the Companies to follow a wise policy of extension of distributing networks in view of a large demand for electrodomestic services.

615½

11) - Any other business

The functions and purpose of the Advisory Committee and the Electric Industrial Committee were discussed by Eng. Asta, Eng. Benedetto and Eng. Brunetti; it was agreed that any interference between these Committees should carefully be avoided.

Declassified E.O. 12356 Section 3.3/NND No. 785019

12) - Date and time of the next meeting

The Committee agreed that the next meeting would be held in the Offices of the Edison Company. All members will be notified of the date in due time.

Dr.Eng.FRANCESCO BARLUZZI
Segretary to the Committee

Declassified E.O. 12356 Section 3.3/NND No. 785019

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G-4 (B) AFHQ
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C.E., AFHQ - APO 512
QM, Coal Section AFHQ
Fiscal Director, MTOUSA
DMR (Italy) Tn. Increment, CMF
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Spares

6162

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Tel. 489081
Ext. 317

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

LWL/ec

303/PWU

4 Sept. '45

Subject : Substation transformer equipment removed by Germans from Italy to Austria

To : REGIONAL COMMISSIONER VENEZIA REGION
(through Regional Engineer - Att. Capt.P.M. Vannoy)

1. (a) Based on all the information that is available, the Germans removed the following transformer equipment from locations in Italy and shipped them to Austria or Germany. A search of possible depositories in North Italy has so far failed to locate any of the items.

(b) The location and return of this equipment is very important in connection with the rehabilitation programme of the electric utility industry in Central Italy.

2. The question of returning this equipment from Germany was presented to the War Materials Disposal & Italian Prisoners of War Sub-Commission, A.C. who in turn contacted AMG 13 Corps. Both concluded that the matter was one to be taken up with A.C. Austria.

3. Therefore will you arrange to proceed to Austria at an early date and either make or set in motion necessary inquiries in an endeavor to locate the equipment.

4. Permission to travel in Austria should be secured from Headquarters 86 Area Command.

5. The equipment to be located is :

PUBLIC WORKS & UTILITIES (a)
DATE 9 SEP 45
REG. N. 2663
FILE N.
VENEZIE REGION: A M G

One 43,000 KVA "San Giorgio" transformer, number 6939, ratio 135/30 KV built by the San Giorgio Company for the Terni Company. Was dismantled, by the Germans, at the San Giorgio Works, in September 1944 and presumably shipped to LINZ, Austria. Attached are photostatic copies of bills of lading with copies of letters from Terni Company giving detailes. 6 Cy

Declassified E.O. 12356 Section 3.3/NND No. 785019

(b) One Merelli, 3 phase, transformer type O.T.G. E-481, 11,500/11,000/1,500 KVA - 50 cycles - 110/60 KV with 10% taps. Enclosed are blue prints of the name plate data. This transformer was removed from the Foligno Substation. No data is available as to where this unit was sent except that it went to Austria or Germany.

(c) Two transformers made by Breda Company for the Lerdarello Plant. 38,000 - 4,000/4,500 Volts, 50 cycle, 4,500 KVA. These units are reported to bear serial numbers 1441 and 1442 respectively. They were taken from the Breda Works by the Germans and sent to the Lancia Works at Bolzano. Inquiry at that location has not located them and it is concluded that they were taken on to either Austria or Germany.

By Comand of Rear Admiral STONE,

George F. Parker
GEORGE F. PARKER
Lieut-Colonel, Inf.
Chief, Elec. Div.

Enclosures

1 - photostatic copy billing lading 2/9/44 listing pkgs
1 - " " " " 9/9/44 " "
1 - " " " " 23/9/44 " "
1 - copy letter Elec.Div. 303/PWU - 31 July 1945
1 - copy Terni Co. 2231/Uff.Tecn. - 25/7/45
1 - copy letter WMD & I.P.O.W. S/C - 4/8/45
1 - copy AMG XIII Corps - 14/8/45
1 - copy W.M.D. & I.P.O.W. S/C - 20/8/45
1 - copy Terni Co. - 31/7/45
1 - copy W.M.D. & I.P.O.W. S/C - 18/8/45
1 - copy AMG XIII Copps - 27/8/45
1 - copy W.M.D. & I.P.O.W. S/C - 1/9/45
2 - Prints, name plate data 43,000 KVA unit - para 5(a) above
2 - Prints - demensional drawing - 43,000 KVA para 5(a) above

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Reg Com Venezia Reg

SICILY ELECTRICITY SCHEME

Telephone
Rome 489081 - Ext. 317

4 September 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (SICILY)

M I N U T E S

The third meeting of the Advisory Committee on Electric Power (Sicily) was held at 0900 hrs on Tuesday July 3rd, 1945.

Present

Dr.Eng. S. TRICOMI	-	Chairman
Dr.Eng. C. SCIENTI	-	Member
Dr.Eng. F. ABBADESSA	-	"
Prof.Eng. RUBINO	-	"

PUBLIC WORKS & UTILITIES
DATE 17 July 45
REG NO 3004
FILE
VENEZIA REGIONE A M G

Eng. Tricomi reported that he had been asked by Lt.Col. Lepper of Allied Commission and Prof.Eng. Visentini, General Inspector for Electricity, Water and Gas of the Ministry of Public Works to be the Chairman of the Advisory Committee for Sicily.

Eng. Tricomi said he was very pleased of his appointment and stated that meetings of the Committee would be held regularly every month, and minutes sent to the Ministry of Public Works.

12) - Minutes of the meeting held on Monday April 9, 1945

The minutes were approved.

13) - Matters arising from previous minutes

Min. 8) Financial assistance by Italian Government for the extension of Piano del Leone and Gammauta dams, in hand by Ministry of Public Works.

Min. 8) Rationing scheme for Sicily submitted by Società Generale Elettrica della Sicilia, has already been approved by the High Commissioner.

14) - To review progress and make recommendations in connection

Declassified E.O. 12356 Section 3.3/NND No. 785019

Dr.Eng. C. SCIECI - Member
Dr.Eng. F. ABBADESSA - "
Prof.Eng. RUBINO - "

REGION
VENEZIE REGION A M G

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14) - To review progress and make recommendations in connection with electric power generation and transmission in Sicily

Eng. Tricomi reported that the matter of Piano del Leone dam is being discussed with the Ente Acquedotti Siciliani. An agreement will possibly be reached within a short time. Some hydraulic works were completed at the Sosio River Plants but they were hampered by the fact that the matter of financial assistance by the Italian Government as well as many other legal questions had not yet been settled by the Ministry of Public Works.

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Declassified E.O. 12356 Section 3.3/NND No. 785019

15) - Allocation of power and programme for the month of July 1945

Eng. Scimemi reported that a rationing decree had already been approved and applied throughout Sicily since the end of April but little effect observed as to the load of the whole system due to insufficient enforcement of the decree. The power demand was met by drawing more water from reservoirs than estimated. The storage of water will practically be exhausted about 15 August if no improvement can be obtained in the rationing scheme.

It was reported that coal is now regularly supplied; present allocation is 370 tons a day but at least 500 tons would be required following the curtailment scheme.

The Committee recommended that this question be examined by the High Commissioner and then submitted to the Ministry of Public Works in order to take necessary steps.

16) - Any other business

There was no other business.

17) - Date and time of the next meeting

Next meeting will be held as soon as a report will be received from the High Commissioner on the matter of energy curtailment.

Dr. Eng. FRANCESCO BARLUZZI
Secretary to the Committee

Declassified E.O. 12356 Section 3.3/NND No. 785019

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Secretary to the Committee

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Venezia Region

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6157

Declassified E.O. 12356 Section 3.3/NND No. 785019

44

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 Elettricità - 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	- "
Dr.Eng.	F. Barluzzi	- Secretary
Lt.Col.	G.F. Parker	- In attendance
Lt.Col.	V.S. Renton	- " "
Dr.Eng.	D. Pietromarchi	- " "

PUBLIC WORKS & UTIL.
DATE MAR 45
FG N.3691
(E N.
VENEZIE REGION: A M G

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

Declassified E.O. 12356 Section 3.3/NND No. 785019

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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	- "
Dr.Eng.	F. Barluzzi	- Secretary
Lt.Col.	G.F. Parker	- In attendance
Lt.Col.	V.S. Renton	- " "
Dr.Eng.	D. Pietromarchi	- " "

PUBLIC WORKS & UTILITIES
DATE 4 Jun 45
FG N 3651
ENG.
VENEZIE REGION: A M G

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.

6195

Declassified E.O. 12356 Section 3.3/NND No. 785019

51) Progress in rehabilitation of generating plants and transmission systems

Eng. Asta suggested that at the future meetings this item include a review on demages, 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 (ACEA) reported that repair work is proceeding up to schedule. Mandela Station will start operation this week.

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

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.

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

All 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 (Romana Co.) reported that one unit is operating at Pontefiume during peak load time with a daily production of 40.000 kWh. Water [illegible]

Declassified E.O. 12356 Section 3.3/NND No. 785019

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

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

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

6155

Declassified E.O. 12356 Section 3.3/NND No. 785019

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

The Committee recommended that, in view of the importence 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. has similar troubles as UNES and Valdarno 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 wes 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 shortage 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 MW per unit.

Reactivation of Terni-Pescara 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 now by manufacturing Companies, due to shortage of required material.

The electrification programme of railways will consequently be delayed but [illegible]

Declassified E.O. 12356 Section 3.3/NND No. 785019

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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.

6154

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

Declassified E.O. 12356 Section 3.3/NND No. 785019

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 Nera 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 Gelleto unit coming in in October).

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

4) 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. 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.

Reports 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.

5) - Any other business

Eng. Rovelli informed the Committee that Eng. Frelleoni of Ro[illegible] 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

Declassified E.O. 12356 Section 3.3/NND No. 785019

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. Pietromerchi 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.

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The Committee agreed.

5) - Date and time of the next meeting

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

Dr. Eng. FRANCESCO [illegible]
Secretary to the Committee

Declassified E.O. 12356 Section 3.3/NND No. 785019

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Regional Commissioner
40 - (ATT. Regional Engineer) Emilia Region
Piemonte Region

Declassified E.O. 12356 Section 3.3/NND No. 785019

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Regional Commissioner
40 - (ATT. Regional Engineer) Emilia Region
41 - Piemonte Region
42 - Liguria Region
43 - Lombardia Region
44 - Venezia Region
45 - File
46/70 - Spares

6152

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

E1

TELEPH. 20064
EXT. 58

VENICE OFFICE
ELECTRICAL DIVISION
PUBLIC WORKS & UTILITIES SUB COM.
ALLIED COMMISSION
A.P.O. 394

18 August 1945

VENICE
S. MARCO CALLE GOLDONI 4463 A

PMV/pp

SUBJECT: Transmission Lines, Veneto Region

TO: Chief Electrical Division - Public Works & Utilities Sub Commission - Hq. Allied Commission - APO 394

I would like to inform you of certain transmission facilities which have been discovered in the Venezie Region.

- 135 kV. San Silvestro - Caoria Line
12 km. long connecting the Caoria-ai-Volti project to the lines of S.I.Cismon at San Silvestro. Project located on S.S. 50, 18 km. West of Passo di Rolle. Centrale Caoria planned and started but not available for power.

- 60 kV. Calalzo-Falcade-Bolzano Line
Connecting Bolzano substation of Azienda Bolzano & Merano with Centrale Moline and Centrale San Giovanni of the Alto Veneto Company. Construction complete but not in service.

- 60 kV. Bolzano-Merlengo Line of the Montecatini
Is still in service. The 130 kV.line shown on the map was under construction to augment this line but, altho the towers are completed, no conductor has been installed.

I have also been informed that the 130 kV. circuit of F.F.S.S. from Ostiglia to Verona has now been repaired and that one circuit of the 130 kV.F.F.S.S. Line Verona to Bussolengo is energized by connecting at the crossover with one of the three 130 kV. lines between Bussolengo and Chievo.

One 130 kV. circuit of the F.F.S.S. is now in operation from Bressanone to Trento and the Rio di Vallea-Bressanone circuit is in operation.

VENICE OFFICE
FW
OFFICIAL
DATE 20.8.45
AI COM
Electrical Division

Chief Venice Office

cc. Milano Office
cc. File

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

3006

VSR/sg

Tel : 489081
Ext : 317

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

16 Aug 45

245/PWU.

Subject: Electric Generation Reports.

To : Regional Commissioner, Venezie Region,
(Att : Electrical Officer).

1. Acknowledgment is made of your letter dated 8 August, Subject : Electric Generation Reports.

2. A study is now being made of the operating statistics which this office will continue to need, and as soon as possible, you will be notified of the decisions reached. In the meantime, it is asked that no additional operating information be requested of the Società Adriatica.

3. At this time, it is desired to express the appreciation of this office for the complete information which you have furnished concerning the operation of the Società Adriatica.

By command of Rear Admiral STONE :

George F Parker
GEORGE F. PARKER,
Lt-Col., Inf.,
Chief, Elec. Div.

PUBLIC WORKS
DATE 21 Aug 45
REG. 2152
FILE N
VENEZIE REGION A M G

HQ: V...
Doc. No. 3884C 6150
Date Rec'd AUG 21 1945

Declassified E.O. 12356 Section 3.3/NND No. 785019

E1

TELEPH. 26064
EXT. 53

VENICE OFFICE
ELECTRICAL DIVISION
PUBLIC WORKS & UTILITIES SUB COM.
ALLIED COMMISSION
A. P. O. 394

VENICE 8 August 1945
S. MARCO CALLE GOLDONI 4429 A

PMV/pp

SUBJECT: Electric Generation Reports

TO: Chief Electrical Division

The Società Adriatica has passed to me a letter Reference 100/21 dated 26 July 1945 from the Milano Office of the Electrical Division. This letter requests the following :

a) The total kilowatt demand at 1200 hours each day for all generating plants to be consolidated and sent to this office by phonogram.

b) Weekly report of kilowatt hours generated by all plants to be consolidated and mailed to this office.

c) Weekly report of potential electric power expressed in kilowatt hours in storage reservoirs operated by your Company to be mailed to this office.

I would like to call to your attention the fact that this office has been sending you this information, for the Adriatica, Idrografia, Ponale, Medio Adige, Bolzano, Cismon, Bellunese, Alto Veneto, Trentina and San Mus Companies every week since May 1945.

I can see no logical reason for a duplicate set of reports and am certain that this request is ill advised since it by no means includes all the large Companies (those capable of 1,000,000 kWh production per week) in the area.

This office is collecting all generation reports for Venezia Region and will continue to do so until I receive some definite instructions from your office, or until it appears to me to be unnecessary to continue the records.

VENICE OFFICE
P W & U Sub. Com.
OFFICIAL
DATE 8.8.45
AI COM.
Electrical Division

Electrical Officer
Venezia Region
Allied Military Government

617 4

SOUTHERN ITALY ELECTRICITY SCHEME

COPY No. 47

Telephone
Rome 480081 - Ext. 317

ADVISORY COMITTEE ON ELECTRIC POWER (SOUTHERN ITALY)

M I N U T E S

The seventh meeting of the Advisory Committee on Electric Power (Southern Italy) was held in the offices of Societh Meridionale di Elettricitè - Naples, at 0930 hours on Friday August 17th 1945.

Present :

Dr.Eng.	T. Masturzo	- Acting Chairman
Prof.Ing.	A. Asta	- Vice-Chairman
Dr.Eng.	Montefusco	- Member
Dr.Eng.	Bove	- "
Dr.Eng.	Maione	- "
Prof.Eng.	Ruggiero	- "
Dr.Eng.	Barluzzi	- Secretary

PUBLIC WORKS
DATE 30 Aug 45
REG. N 2324
FILE N.
VENEZIE REGION A M G

Prof.Eng. Asta informed the Committee that Lt.Col. G.F. Parker - Chief of Electrical Division, Public Works and Utilities Sub-Commission, A.C. had agreed with Prof. Visentini General Inspector for Electricity, Water and Gas of the Ministry of Public Works, to appoint Dr.Eng. Masturzo acting-chairman to the Committee.

Dr.Eng. Masturzo expressed his thanks to Lt.Col. Parker and Prof. Visentini.

Eng. Cerillo was absent due to illness.

Declassified E.O. 12356 Section 3.3/NND No. 785019

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Prof.Ing.	A. Asta	- Vice-Chairman
Dr.Eng.	Montefusco	- Member
Dr.Eng.	Bove	- "
Dr.Eng.	Maione	- "
Prof.Eng.	Ruggiero	- "
Dr.Eng.	Berluzzi	- Secretary

PUBLIC WORKS
DATE 10 JUNE 45
REG. N 2324
FILE N.
VENEZIA REGION A M G

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Dr.Eng. Masturzo expressed his thanks to Lt.Col. Parker and Prof. Visentini.

Eng. Cerillo was absent due to illness.

37) - Minutes of the sixth meeting of the Committee, held on July 24th, 1945

The minutes were approved.

38) - Matters arising from previous minutes

Min.33) Eng. Asta reported on the investigation made on the priority schedule at Navalmeccanica. Some delay occurred in the delivery of SME units but the situation is now normal and no further delay is expected.

The Committee recommended that, owing to the urgency of these works, repairs to Pescara units be expedited as much as possible by Ministry of Public Works.

Progress of works at Navalmeccanica will also be followed by the Ministry and S.M.E.

Min.33) Serious troubles are still being found in connection with the supply of mica and shellac. The Committee recommended that A.C. make an investigation on the possibility of importing that material from other countries.

Declassified E.O. 12356 Section 3.3/NND No. 785019

A report on the electric material requirements had been prepared by the Electrical Committee in Northern Italy (in which Electromechanical industries are represented).

The Committee recommended that a copy of that report be submitted to Ministry of Public Works as soon as possible.

Details on the situation of magnetic sheets production are still unknown. The Committee recommended that the Ministry of Public Works make an investigation on the production of that material at Terni Co. and Falck Steelworks.

Min. 33) Trucks and probably gasoline for hot tests on transmission line insulators are now available. Tests will be carried out immediately.

Min. 34) Arrangements for the rest day displacement are being gradually applied and the Committee recommended that the scheme be maintained also in winter in order to meet peak load requirements.

39) - Progress in rehabilitation of generating plants and transmission lines

Eng. Asta suggested that at the future meetings this item include a review on damages suffered by electric facilities and on repairs already carried out, in order to set up a complete report with all necessary details to be published in technical magazines. The Committee agreed.

Eng. Mesturzo reported that Lete and Aventino Plants are now being tested. The former will substitute Natese when the reservoir of this station will be empty (15-20 days). The latter will supply UNES Grid. Repair work for Pescara III and Pescara IV stations is being carried out by Terni Steelworks; the Committee was of the opinion that the priority schedule be again examined in order to have this work done as soon as possible.

The 2nd unit at Calore will be in operation within 1945; the synchronous by-pass for the 1st unit will also be repaired shortly, thus permitting a better protection of this unit.

The coils for Orichella unit will be shipped from Milan [illegible] unit will be ready in

Declassified E.O. 12356 Section 3.3/NND No. 785019

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The 2nd unit at Calore will be in operation within 1945; the synchronous by-pass for the 1st unit will also be repaired shortly, thus permitting a better [illegible] of this unit.

The coils for Orichella unit will be shipped from Milan at the end of this month; the unit will be ready in November.

Pine timber is urgently needed for repairs to Frattemaggiore substation, Garigliano, Pescara I and Pescara II stations.

The Committee recommended that A.C. take some steps with PBS, which is controlling timber Works in Sila, in order that this material be made available as soon as possible. Chest-nut timber now allocated to the Italian Government might possibly be delivered to PBS in [illegible] timber required by S.M.E.

6147

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Repairs to substations and transmission lines are proceeding according to programme. Pescara-Archi line will be completed about September 15th.

Eng. Maione (Ente Autonomo Volturno) reported that the shortage of transport is causing serious delay to repair work.

Three units (600 KW each) will be ready in November.

Mines in transmission line areas are still delaying repairs and the Committee recommended that suitable personnel be immediately sent to Montaquila-Cori area.

40) - Operation programme for the month of September

Eng. Masturzo reported that one of the small units at Timpagrande will be back in operation in a few days, and one unit at Calusia is now out of service.

The large Timpagrande unit needs new bushings; frequent outages are reported due to bad quality of maintenance material.

The average availability of installed capacity in Sila Stations is about 94%.

The suggested operation programme for the month of September was agreed; the maximum output will be 155 Kw.

The Committee recommended that steps be taken in order that the allocated loads be not exceeded by customers.

41) - Any other business

Large quantity of glass sheets (2,100 sq.m.) are needed at the power plants in order to restore all window panes. The Committee recommended that Ministry of Public Works look into this matter.

It was reported that truck transport of big machinery from Milan to the South is resulting in exceedingly large expenses to the Electric Companies in Southern Italy. The Committee recommended that A.C. provide some rail transport facilities for the next months (4-5 wagons monthly).

Cement will, from now on, be allocated by Ministry of Public Works instead of A.C. and the Committee recommended that no delay in the delivery of this material be caused during the change over.

The Committee again recommended that the matter of trans-

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The Committee again recommended that the matter of transport be constantly investigated by Ministry of Public Works.

It was reported that serious troubles will arise in Puglia and Lucania electric system operation when Allied transport facilities will be withdrawn. The Committee recommended that this matter be discussed between Ministry of Public Works and A.C.

The matter of frequency change from 45 to 50 cycles in Souterhn Italy was preliminarly discussed.

6146

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It was reported that, apart from some difficulties on the customer's side, troubles will also be encountered at Volturno and Carmagnola thermal stations.

The former will probably not be able to stand the increase of speed and the latter will require readjustment of auxiliaries. Blades of steam turbines should also be changed, possibly when the plant is out of service for a considerable length of time.

It was agreed that the matter of frequency change be discussed in details at the next meeting when reports from the Central Italy Grid operation at 50 cycles will also be available.

42) - Date and time of the next meeting

Next meeting will be held in the offices of Ente Autonomo Volturno, Naples at 0930 on Friday 21 September 1945.

Dr. Eng. FRANCESCO BARLUZZI
Secretary to the Committee

Declassified E.O. 12356 Section 3.3/NND No. 785019

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6144

Declassified E.O. 12356 Section 3.3/NND No. 785019

COPY No 44

NORTHERN ITALY ELECTRICITY SCHEME

Telephone
Rome 489081 - Ext. 317

3 August 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (NORTHERN ITALY)

M I N U T E S

The first meeting of the Advisory Committee on Electric Power (Northern Italy) was held in the Offices of Allied Commission - Montecatini Bldg. Milan at 1000 hrs on Thursday 19th July 1945.

Present :

Lt.Col.	W.M.	Lapper	- Chairman
Prof.Eng.	A.	Asta	- Vice-Chairman
Dr.Eng.	L.	Emanueli	- Member
Dr.Eng.	F.	Benedettc	- "
Dr.Eng.	E.	Soleri	- Representing Dr.Eng.L.Selmo
Dr.Eng.	R.	Marin	- " Dr.Eng.A.Rossi
Dr.Eng.	M.	Brunetti	- Member
Dr.Eng.	I.	Audoly	- "
Dr.Eng.	G.	Merla	- "
Dr.Eng.	F.	Barluzzi	- Secretary
Lt.Col.	G.F.	Parker	- In attendance
Major	R.A.	Ryan	- " "
Major	C.S.	Wilcox	- " "
Dr.Eng.	L.	Maggi	- " "

PUBLIC WORKS &
DATE 13 Aug 45
REG 1638
ALLIED
VENEZIA REGION A M G.

1) - Explanation by Lt.Col. W.M. Lapper on the functions and purpose of the Committee

Lt.Col. Lapper explained that owing to the serious damages to electrical facilities in Central Italy it had been found desirable to form a Committee of technical experts to consider schemes and make recommendations and to generally advise in the rehabilitation of the electricity supplies.

This Committee proved so successful that it was decided to form similar Committees for Sicily, Sardinia, Southern Italy and later for Northern Italy on liberation.

... Advisory Committees on Electric

Declassified E.O. 12356 Section 3.3/NND No. 785019

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Dr.Eng.	R.	Marin	- " Dr.Eng.A.Rossi
Dr.Eng.	M.	Brunetti	- Member
Dr.Eng.	I.	Audoly	- "
Dr.Eng.	G.	Merla	- "
Dr.Eng.	F.	Barluzzi	- Secretary
Lt.Col.	G.F.	Parker	- In attendance
Major	R.A.	Ryan	- " "
Major	C.S.	Wilcox	- " "
Dr.Eng.	L.	Maggi	- " "

PUBLIC WORKS &
DATE 13 Aug 46
FG 1638
LEN.
VENEZIE REGION A M G.

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This Committee proved so successful that it was decided to form similar Committees for Sicily, Sardinia, Southern Italy and later for Northern Italy on liberation.

The Committees were called Advisory Committees on Electric Power and their functions were to advise the General Inspector for Electricity, Water and Gas of the Ministry of Public Works on all matters connected with the generation and supply of electricity.

Col. Lapper emphasized that it was important that members expressed their own views and not that of any particular company with which they were connected.

Declassified E.O. 12356 Section 3.3/NND No. 785019

After a discussion it was agreed by the Committee that the Advisory Committee on Electric Power for Northern Italy would not in any way interfere with the industrial Committees operating in the North.

2) - <u>To review progress and make recommendations in connection with the rehabilitation of the generating plants and transmission systems</u>

<u>Eng. Benedetto</u> (Edison Co.) reported that some serious damages to generating stations and transmission lines were due to Germen and partisan action; minor damage occurred following air raids. About 75% of facilities damaged by partisans have now been repaired with means on hand.

Also 9 out of 12 line-crossings on the Po River have been repaired so that the whole electric system will shortly be entirely reactivated.

A serious problem, now arising from shortage of coal for heating and gas works is the overloading of distribution systems and transformers due to the increased domestic load. The situation will be worse in winter when heating demand will also be considered.

The reduction in load due to big industries not yet reactivated is about 25% compared with normal time. Power supply to Central Italy during summer may be about 100 MW but this amount must be largely reduced during winter (60-70 MW during 1,000 hrs in normal time).

<u>Eng. Soleri</u> (Società Idroelettrica Piemonte - "SIP") reported that some damage to generating stations and transmission systems was due to sabotage by partisans. Repairs are now being carried out and the situation will be normal at the end of 1945. Also 90% of lines have already been repaired.

One 40 MVA transformer from Cislago damaged by a flash-over is being repaired by Compagnia Generale di Elettricità. The 220 KV line Cardano Cislago is operated at 130 KV with capacity reduced to 50%.

Reduction in load is 23% compared with normal time. Similar troubles as for Edison Co. are encountered in distributing systems for domestic appliance overloading.

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damages to generating stations and transmission lines were due to German and partisan action; minor damage occurred following air raids. About 75% of facilities damaged by partisans have now been repaired with means on hand.

Also 9 out of 12 line-crossings on the Po River have been repaired so that the whole electric system will shortly be entirely reactivated.

A serious problem, now arising from shortage of coal for heating and gas works is the overloading of distribution systems and transformers due to the increased domestic load. The situation will be worse in winter when heating demand will also be considered.

The reduction in load due to big industries not yet reactivated is about 25% compared with normal time. Power supply to Central Italy during summer may be about 100 MW but this amount must be largely reduced during winter (60-70 MW during 1,000 hrs in normal time).

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Reduction in load is 23% compared with normal time. Similar troubles as for Edison Co. are encountered in distributing systems for domestic appliance overloading.

Eng. Audoly (Compagnia Imprese Elettriche Liguri "CIELI") reported that Airole and Bevera generating stations had been completely destroyed by Germans; clearing of wreckages shortly to begin as the French were now leaving this territory.

Transmission lines have been seriously damaged in the Airole Bevera area; also low voltage line in bad condition, materiel and transport needed.

At the Concenter steam station the electrical equipment was damaged by bombing; repairs are being carried out and the station will be ready for operation by October-November. Owing to shortage of coal the station will not be used except in case of emergency.

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Eng. Marin (Società Adriatica di Elettricità "SADE") reported that in the area north of Po River Bussolengo Station is the only one to be seriously dameged (dam) and will be repaired within next spring. Marghera steem plant repairs are now at an advanced stage.

South of the Po the situation is much worse due to destruction of stations on Brasimone River and of 15 KV electric system. Steps are now being taken to provide suiteble transformers which could be purchased from the Consorzio formed by Alfa Romeo and Isotta Fraschini, during the German occupation, in order to clear some industrial areas.

Average load is now about 50% of normal time.

Lt.Col. Lepper reported that the electricity supply in the Venezia Giulia area under the control of the Yougoslav Army would be maintained by the electrical company in the normal way.

Eng. Brunetti (Aziende Elettrica Municipale "AEM" Turin) reported on the load increase due to domestic appliances. It was also stated that Montecatini Co. and Falck Co., which are the most important selfproducers are now generating 30% of normal time.

Recommendations

(a) The Committee recommended that a sufficient amount of coal be supplied to the Gas Plants in order to avoid serious troubles in the distributing systems during next winter. The supply should be commenced in August in order to provide a safe margin of time for the starting of the Gas Plants.

(b) The Committee recommended that immediate action be taken to supply the Electrical Companies with the following material : copper and aluminum conductor, mica, insulating oil, coal for electromechenical industries and cement factories, porcelain, magnetic sheets and rubber boots.

(c) The Committee recommended that immediate action be taken to rectify the shortage of transportation which was seriously delaying the repair and rehabilitation work. It was pointed out that 75% of the cars and trucks owned by the electrical companies had been taken by the Germans and 50% of the

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(c) The Committee recommended that immediate action be taken to rectify the shortage of transportation which was seriously delaying the repair and rehabilitation work. It was pointed out that 75% of the cars and trucks owned by the electrical companies had been taken by the Germans and 50% of the remaining vehicles were short of tyres.

(d) The Committee recommended that tyres be made immediately available for existing vehicles in order that the normal repair and the work on the damaged plants could be proceeded with.

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3) – Operation programme and allocation of power for the month of August 1945

It was reported that sufficient energy will be available during the next month and therefore a large block of power can be supplied to Central Italy.

4) – Any other business

The Committee agreed that Eng. Dezza, of Falck Steel Works, be included in the Advisory Committee for Northern Italy, as a representative of industrial selfproducers of power.

5) – Date and time of the next meeting

Next meeting will be held at 100 hrs on Thursday 30th August 1945 in the offices of Edison Company – Foro Bonaparte – Milan.

Dr. Eng. FRANCESCO BARUZZI
Secretary to the Committee

Declassified E.O. 12356 Section 3.3/NND No. 785019

Next meeting will be held at 100 hrs on Thursday 30th August 1945 in the offices of Edison Company - Foro Bonaparte - Milan.

Dr.Eng. FRANCESCO BARLUZZI
Secretary to the Committee

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COPY No 44

CENTRAL ITALY ELECTRICITY SCHEME

Telephone
Rome 489081 - Ext. 317

1st August 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (CENTRAL ITALY)

M I N U T E S

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.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.	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.

43) - 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 conjunc

Declassified E.O. 12356 Section 3.3/NND No. 785019

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Prof.Eng.	A.	Angelini	- "
Dr.Eng.	C.	Fascetti	- "
Dr.Eng.	G.	Lenducci	- "
Dr.Eng.	F.	Barluzzi	- Secretary
Lt.Col.	G.F.	Parker	- in attendance
Lt.Col.	V.S.	Renton	- " "
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The minutes were approved.

43) - 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 6 ton trucks.

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PUBLIC WORKS & COMM.
DATE 8 Aug 45
REG. N. 1362
FILE N.
VENEZIA REGION: A M G

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Eng. Fascetti (U.N.E.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 Gallicano will be ready in September, 2nd unit in October. One unit at Corfino ready on the beginning of September. Two units assembled at Pian della 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 Fontecupa 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 Galleto 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 Galleto 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.

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

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Repair work at Castelnuovo
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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. Virgilli (State Railways)
Reported on the repairs of transmission lines. The Committee was of the opinion that the Cascino-S.Romano line should be reactivated at an early date.

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

Eng. Pietromarchi 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. 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.

48) - Date and time of the next meeting

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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 Elettricità Via Poli No. 14 - Rome.

Dr.Eng. FRANCESCO BARLUZZI
Secretary to the Committee

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COPY No 44

SOUTHERN ITALY ELECTRICITY SCHEME

Telephone
Rome 489081 Ext. 317

ADVISORY COMMITTEE ON ELECTRIC POWER (SOUTHERN ITALY)

M I N U T E S

The sixth meeting of the Advisory Committee on Electric Power (Southern Italy) was held at 0930 hrs on Tuesday 24th July 1945 in the offices of Società Meridionale di Elettricità - Via P.E.Imbriani, Naples.

Present :

Dr.Eng.	Masturzo	- Acting Chairman
Prof.Eng.	Asta	- Vice-Chairman
Dr.Eng.	Cerillo	- Member
Dr.Eng.	Montefusco	- "
Dr.Eng.	Bove	- "
Prof.Eng.	Ruggiero	- "
Dr.Eng.	Leanza	- Representing Dr.Eng.Maione
Dr.Eng.	Barluzzi	- Secretary
Lt.Col.G.F.	Parker	- In attendance
Major	Stevenson	- " "

Prof.Eng. Asta reported that Lt.Col. W.M. Lapper (Chairman) was in Northern Italy; before leaving he had agreed with Mr. Visentini, General Inspector for Electricity, Water and Gas of the Ministry of Public Works, to appoint Dr.Eng. Masturzo Acting Chairman to the Committee.

Eng. Masturzo expressed his thanks to Lt.Col. Lapper and to Mr. Visentini.

31) - Minutes of the fifth meeting of the Committee, held on Wednesday June 20th 1945

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Present :

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Dr.Eng.	Cerillo	- Member
Dr.Eng.	Montefusco	- "
Dr.Eng.	Bove	- "
Prof.Eng.	Ruggiero	- "
Dr.Eng.	Leanza	- Representing Dr.Eng.Maione
Dr.Eng.	Barluzzi	- Secretary
Lt.Col.G.F.	Parker	- In attendance
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Prof.Eng. Asta reported that Lt.Col. W.M. Lapper (Chairman) was in Northern Italy; before leaving he had agreed with Mr. Visentini, General Inspector for Electricity, Water and Gas of the Ministry of Public Works, to appoint Dr.Eng. Masturzo Acting Chairman to the Committee.

Eng. Masturzo expressed his thanks to Lt.Col. Lapper and to Mr. Visentini.

31) - Minutes of the fifth meeting of the Committee, held on Wednesday June 20th 1945

The minutes were approved.

32) - Matters arising from previous minutes

Min. 25) It was reported that some personnel for the clearing of mines had been sent back to Colle Volturno area.

Eng. Asta submitted a priority list agreed by the Ministry of Public Works and Ministry of War for areas to be cleared by the personnel sent back to Southern Italy; the list was agreed by the Committiee.

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PUBLIC WORKS & UTILITIES
DATE 8 Aug 45
FG 01351 6
FILE N.
VENEZIA REGION: A M G

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Min. 26) Following are the Northern Italy factories actually engaged in electrical repairs :

- Brown Boveri Co.	- Milan
- Compagnia Generale di Elettricità	- Milan
- Officine Trasformatori Elettrici	- Bergamo
- Costruzioni Meccaniche Riva	- Milan
- Monti e Martini (bakelite and insulating material)	- Milan

and their auxiliary companies.

Min. 26) Sixteen tons of angle bars have been allocated to SME from S. Giovanni Valdarno and Terni Works. Carbide now available at Terni.

Railway cars have been available to take copper scraps from Pescara and Naples to Società Metallurgica Forneci di Barga.

Transport from Pescara was actually carried out by means of ENDSI vehicles which were going unloaded to the north.

33) - Progress in rehabilitation of plants and transmission lines

Eng. Masturzo of Società Meridionale di Elettricità reported that : Lete Station will be tested by the end of July; service only during peak load time. Aventino Station already tested, troubles reported at penstocks - will come into operation in August.

S.I.P. have a new 15 MVA alternator completed at the Brown Boveri Works in Milan but are not in a position to install this unit for at least a year. S.M.E. are negotiating arrangements to try and purchase this generator for installation at Pescara II.

Repairs to alternator for Pescara 3rd stage delayed by Navalmeccanica working to capacity; operation expected in February 1946.

One unit of Pescara 4th stage in operation in February; second unit one month and a half after.

The Committee recommended that an investigation be made on the priority schedule for repair work at Navalmeccanica.

Repairs to power plant and sub-station buildings delayed

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now available at Terni.

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The Committee recommended that an investigation be made on the priority schedule for repair work at Navalmeccanica.

Repairs to power plant and sub-station buildings delayed due to shortage of suitable timber from Sila timber works being still employed by Allied Forces. Allied Commission to examine.

Repairs to sub-stations delayed by Navalmeccanica; also shortage of bakelite insulating material was reported. One 10 MVA synchronous condenser shortly to be delivered; arrangements are being made with State Railways in order to have one or two 15 MVA synchronous condensers. The Committee recommended that insulating material (mica, shellac) and magnetic sheets be made available as soon as possible.

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Eng. Leanza (Ente Autonomo Volturno) reported that turbine for the 600 KW units of Colle Volturno are being repaired by Navalmeccanica and Treigler Co. Aternators also under repair; estimated completion end of December 1945.

Repairs to generators of the large units being arranged with Marelli Co. (Milan).

It was reported that Corradini wire-drawing works are able to use gas works coke and bituminous coal in addition to metallurgical coke.

The Committee recommended that a sufficient amount of coal be made available to Corradini Works also considering that Northern Italy wire-drawing works cannot give their assistance due to shortage of transport.

Lt.col. Parker informed the Committee that the Electrical Division of Allied Commission has an officer in Milan in charge of Maj. C.S. Wilcox who will assist the electric companies in their dealings with equipment manufacturers and in other matters concerning electricity supply.

Eng. Nasturzo reported that ENAC will now withdraw all the trucks used by the companies. The Committee agreed that this would cause serious troubles to repairs and recommended that the Ministry of Public Works take necessary action.

A list of transport and gasoline for a general survey or transmission line insulator hot tests has already been sent to the Ministry of Public Works by SME.

The Committee recommended that immediate action be taken to meet these requirements, especially since the favourable season for doing this work will shortly be over.

34) - Operation programme and allocation of power for the month of August 1945

It was shown that the power availability in August will be 150 MW and the allocated demand 162 MW. It will therefore be necessary to displace the rest days of various important consumers in order to obtain a reduction of demand and also energy consumption due to better utilization of plant output. This action was taken by the Ministry of Public Works in connection with the Ministry of Industry. It is understood that the necessary decrees are being published by the Prefects and by the Regional

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tion to metallurgical coke.

The Committee recommended that a sufficient amount of coal be made available to Corradini Works also considering that Northern Italy wire-drawing works cannot give their assistance due to shortage of transport.

Lt.col. Parker informed the Committee that the Electrical Division of Allied Commission has an officer in Milan in charge of Maj. C.S. Wilcox who will assist the electric companies in their dealings with equipment manufacturers and in other matters concerning electricity supply.

Eng. Masturzo reported that ENAC will now withdrew all the trucks used by the companies. The Committee agreed that this would cause serious troubles to repairs and recommended that the Ministry of Public Works take necessary action.

A list of transport and gasoline for a general survey or transmission line insulator hot tests has already been sent to the Ministry of Public Works by SME.

The Committee recommended that immediate action be taken to meet these requirements, especially since the favourable season for doing this work will shortly be over.

34) - <u>Operation programme and allocation of power for the month of August 1945</u>

It was shown that the power availability in August will be 150 MW and the allocated demand 162 MW. It will therefore be necessary to displace the rest days of various important consumers in order to obtain a reduction of demand and also energy consumption due to better utilization of plant output. This action was taken by the Ministry of Public Works in connection with the Ministry of Industry. It is understood that the necessary decrees are being published by the Prefects and by the Regional Inspectors of the Ministry of Industry.

It was reported that industries working for the Allied Military units should not be subjected to rest day displacement, but the Committee agreed that this would seriously affect the benefits of the arrangement and recommended that all industrial customers be included in the rest day displacement scheme.

The Committee was of the opinion that the present electricity supply situation in Southern Italy is very serious

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Declassified E.O. 12356 Section 3.3/NND No. 785019

in view of the fact that no safe margin of capacity will be available, no maintenance can be made, and Sila reservoirs are going to be completely emptied by December unless rainfall comes before that time.

35) - Any other business

Eng. Leanza, of Ente Autonomo Volturno kindly offered the use of their office for the Committee's meeting. Eng. Masturzo expressed his thanks.

36) - Date and time of the next meeting

Next meeting will be held at 0930 hrs on Friday August 17 in the offices of Società Meridionale di Elettricità - Naples.

Dr. Eng. FRANCESCO BARLUZZI
Secretary to the Committee

Declassified E.O. 12356 Section 3.3/NND No. 785019

36) - Date and time of the next meeting

Next meeting will be held at 0930 hrs on Friday August 17 in the offices of Società Meridionale di Elettricità - Naples.

Dr/Eng. FRANCESCO BARLUZZI
Secretary to the Committee

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39 - Industry Sub-Commission HQ AC

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39 - Industry Sub-Commission HQ AC

Regional Commissioner
40 - (ATT. Regional Engineer) Emilia Region
41 - Piemonte Region
42 - Liguria Region
43 - Lombardia Region
44 - Venezia Region
45 - File
46/70 - Spares

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E1 27.0

Tel. 489081
Ext. 317

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

VSR/ac

Reference : 126/PWU

30 July 1945

Subject : Transmittal of correspondence of Società De Pretto Escher Wyss

To : REGIONAL COMMISSIONER VENEZIA REGION
(Attention Regional Engineer)

1. Transmitted herewith is some correspondence from the Rome Office of the Società Anonima De Pretto-Escher Wyss, intended for its plant at Schio. The correspondence relates to reconstruction at the Vensmartello plant of the UNES Company and both Escher Wyss and UNES have asked our assistance in expediting it to Schio (Vincenza Province).

2. Could you please arrange for early delivery to Schio and transmit any answer directly to this Office?

By Command of Rear Admiral STONE,

PUBLIC WORKS
DATE 5 Aug 45
REG 1123
FILE N
VENEZIA REGIONALE M G

for W.M. LAPPER
Lieut-Colonel
Chief, Elec. Div.

Enclosure

Declassified E.O. 12356 Section 3.3/NND No. 785019

E 1

Tel. 489081
Ext. 317

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

LWI/ac

Reference : 214/PWU

27 July 1945

Subject : Power allocation for the month of August 1945

To : REGIONAL COMMISSIONER TOSCANA REGION
(Att. Reg. Engineer) EMILIA REGION
LIGURIA REGION
PIEMONTE REGION
LOMBARDIA REGION
VENEZIA REGION

PUBLIC WORKS
DATE 6 Aug 45
REG. N. 12460
FILE N.
VENEZIE REGION A M G

1. Enclosed herewith for information is copy of power allocation for the month of August 1945.

By Command of Rear Admiral STONE,

W.M. LAWTHER
Lieut-Colonel,
Chief Elec. Div.

HQ. VENEZIE REGION
Doc. No 8d1e
Date Rec'd 31 JUL 1945

1 enclosure

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COPY NO. 81

ALLIED FORCE LOCAL RESOURCES SECTION
AFHQ

Postal Address:
AFLRS (RAAC), APO 512.

Telephone: ROME 66063.

23 July 1945

LRS/215A

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - MINUTES

C O R R E C T I O N

To Minute 78. Allocation of Power - August, add the following sentence:

The increased allocation (over July 1945) to Rimini and Adriatic Coast to South inclusive of Fano is contingent on the voltage not being effected at Ancona.

JOHN T. WHITTAKER, Major, INF,
Secretary,
A. F. L. R. (ITALIAN) BOARD.

DISTRIBUTION
As per Minutes
Electric Power Committee
dated 21 July 1945.

6127

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AFLRS (RA.C), APO 512.

Telephone: ROME 66063

21 July 1945

LRS/215A

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - MINUTES

76. The twenty-first meeting of the Electric Power Committee was held at 0930 hours on Saturday 21 July 1945, in the AFLRS (AFHQ) Conference Room, Rome.

PRESENT:

Chairman
Brig. B. B. EDWARDS, Engrs (B), AFHQ

Representatives of:

D.W., AFHQ
C.G., PBS
HQ, No. 1 District
HQ, No. 3 District
CG, ROME Area Allied Command
Director Public Works & Utilities Sub-Commission
HQ, ALCOM

In Attendance:

Chief of Section (UK), AFLRS, AFHQ
AQMG, AFLRS, AFHQ

77. MINUTES OF LAST MEETING.

The minutes of the twentieth meeting held on 23 June 1945 were approved. 6126

78. ALLOCATION OF POWER - AUGUST.

A report was received from HQ ALCOM on the amount of power available in Central & Southern Italy. Demands from Base Sections, Districts, etc., were received and allocations were made as per Appendix "A" attached. The increased demands for power in Southern Italy for the month of August could not be satisfied and the July allocation remained unchanged.

Declassified E.O. 12356 Section 3.3/NND No. 785019

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Chairman
Brig. B. B. EDWARDS, Engrs (B), AFHQ

Representatives of:

D.W., AFHQ
C.G., PBS
HQ, No. 1 District
HQ, No. 3 District
CG, ROME Area Allied Command
Director Public Works & Utilities Sub-Commission
HQ, ALCOM

In Attendance:

Chief of Section (US), AFLRS, AFHQ
AGAG, AFLRS, AFHQ

77. MINUTES OF LAST MEETING.

The minutes of the twentieth meeting held on 23 June 1945 were approved. 6126

78. ALLOCATION OF POWER - AUGUST.

A report was received from HQ ALCOM on the amount of power available in Central & Southern Italy. Demands from Base Sections, Districts, etc., were received and allocations were made as per Appendix "A" attached. The increased demands for power in Southern Italy for the month of August could not be satisfied and the July allocation remained unchanged.

79. AVAILABILITY OF ELECTRIC POWER - SOUTHERN ITALY.

HQ No. 3 District representative reported that the electric power system in Southern Italy was dangerously overloaded and that although feeder line cuts are being made wherever possible by the military, no reduction in the civilian load has yet been effected by the Italian Government.

The water in the Sela reservoir is now at such a level (220 x 10^6 KWH) that the Committee considers that at the present rate of consumption, it will empty at the end of October or early November. This bears out the Committee's recommendation made at its last meeting in the respect of the Crotone plant. Although autumnal rains will slightly assist the situation in so far as the river stations are concerned, the Sela reservoir is filled by melting snows and little replenishment of it can be expected until February/March 1946. The connection between Central & Southern Italy anticipated at the end of October 1945 will provide only 20,000 KW against the total demand of 137,000 KW. In view of the failure to date of the Italian Government or HQ ALCOM to effect any cuts of

civilian.....

Declassified E.O. 12356 Section 3.3/NND No. 785019

civilian consumption, the Committee desired to go on record as having taken cognisance of the dangerous situation which will arise in Southern Italy in October 1945.

80. RECONSTRUCTION OF POWER LINES.

HQ Allied Commission reported that the interconnection of North Italy with Central Italy awaits the operation of the third 35,000 K.W. unit at Galleto (Terni). It is expected to operate at the end of July and the August allocations in Minute 78 above, are in anticipation of this.

The interconnection between Southern & Central Italy permitting the flow of 20,000 K.W. to the South, is not anticipated to be made until the end of October 1945. HQ ALCOM representative stated that all the necessary materials were available but that the limiting factor to speeding up the interconnection was the lack of adequate transport. The Committee recommended to the Board that if additional transport could be made available to ALCOM for this purpose, it would help to avoid the dangerous situation which will arise in Southern Italy in October 1945, referred to in Minute 79 above.

81. NEXT MEETING.

The next meeting of the Committee will be held at 0930 hours on Saturday 25 August 1945, in the AFLRS (AFHQ) Conference Room, ROME.

John T. Whittaker

JOHN T. WHITTAKER, Major, INF,
Secretary,
A.F.L.R. (ITALIAN) BOARD.

Declassified E.O. 12356 Section 3.3/NND No. 785019

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APPENDIX "A"

CENTRAL ITALY

AREA SERVED & RESPONSIBILITY OF	KW x 10^3 0600 hours	KWH x 10^6 0600 hours to 2200 hours	KW x 10^3 2200 hours	KWH x 10^6 2200 hours to 0600 hours
DISTRICT 1				
Terni	19.00	7.30	17.00	3.20
Terni Carbide	-	-	10.00	2.00
Perugia & Foligno	5.00	2.00	4.40	.80
Spoleto	3.50	1.40	3.00	.60
Ancona & Adriatic Coast to North exclusive of Fano	6.60	2.50	4.10	.80
Rimini & Adriatic Coast to South inclusive of Fano	2.60	1.00	2.60	.50
Arezzo & District	4.50	1.80	3.20	.60
Orvieto & District	2.00	.80	1.50	.30
Adriatic South to Pescara	1.50	.60	1.50	.30
DISTRICT 3				
Frosinone	3.00	1.20	1.50	.35
Rieti	1.50	.70	1.25	.30
Viterbo	1.50	.70	1.25	.30
Rome (District)	1.50	.70	1.00	.25
Acquila	1.50	.70	1.00	.25
P.B.S.				
Civitavecchia	5.50	2.00	5.00	1.00
Leghorn	10.00	4.00	5.00	1.00
Lucca	5.00	2.00	3.00	.60
Piombino	2.00	.70	1.00	.20
Grossoto	3.00	1.40	2.00	.40
Lardarello	1.00	.35	1.00	.20
Pistoia	3.00	1.20	2.00	.40
Prato	5.00	2.00	3.00	.60
Siena	2.00	.80	1.50	.30
FIFTH ARMY				
Florence	16.00	6.30	16.00	3.00
R.A.A.C.				
Rome	80.00	31.70	45.00	9.00
M.R.S.				
Railways	10.00	4.00	10.00	2.00
TOTAL	196.20	77.85	147.80	29.25

Declassified E.O. 12356 Section 3.3/NND No. 785019

APPENDIX "A"

ALLOCATION OF ELECTRIC POWER - AUGUST 1945

SOUTHERN ITALY

AREA SERVED	RESPONSIBILITY OF	PERMISSIBLE 15 Minute Peak KW x 10^3	PERMISSIBLE ENERGY KWH x 10^6
Apulia Co.	3 District	36.00	19.50
To UNES	3 District	3.50	1.20
Naples District	P.B.S.	37.00	18.50
Campania Co.			
(i) Frattamaggiore	P.B.S.	3.50	2.20
(ii) Pomigliano	3 District	1.50	1.00
(iii) Salerno-Torre-Cast.	3 District	19.00	10.50
(iv) Benevento	3 District	3.25	1.40
(v) Colore	3 District	1.00	0.60
(vi) Santa Maria	P.B.S.	5.50	2.80
Lucania Co.	3 District	4.00	1.30
Railways, Naples Area	M.R.S.	1.50	1.10
Foggia Benevento	M.R.S.	8.00	3.00
Salerno Torre	M.R.S.	2.00	1.10
TOTAL 150 KV at Sub Stations		125.75	64.20
Calabria 60 KV System			
(i) Calabria Co.	ALCOM	8.50	2.00
(ii) Railways	M.R.S.	3.00	1.70
TOTAL 60 KV at Sub Stations		11.50	3.70
TOTAL 150 KV & 60 KV		137.25	67.90
TOTAL at Plants		155.00	78.00

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60	SENALUSNO, Italy
61	CS, Taranto
62	COMNOB, Palermo
63	Chief Commissioner, ALCOM
64	HQ, ALCOM
65	Vice President, Economic Section
66/71	Economic Section
72/73	Industry Sub-Commission
74/89	Public Works & Utilities Sub-Commission
90	Chairman, Electric Power Committee
92	Chairman, Electrical Reconstruction Committee
93/125	Spares

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SOUTHERN ITALY ELECTRICITY SCHEME

Telephone
Rome 489081 - Ext. 317

ADVISORY COMMITTEE ON ELECTRIC POWER (SOUTHERN ITALY)

M I N U T E S

The fifth meeting of the Advisory Committee on Electric Power (Southern Italy) was held at 0930 hours on Wednesday June 20th 1945 in the offices of Società Meridionale di Elettricità (Naples).

PUBLIC WORKS &
DATE 11 July 45
REG N. 342
FILE N.
VENEZIA REGION, A M G

Present :

Lt.Col. W.F.	Lapper	- Chairman
Prof.Eng. A.	Asta	- Vice-Chairman
Dr.Eng.	Masturzo	- Member
Dr.Eng.	Cerillo	- "
Dr.Eng.	Montefusco	- "
Dr.Eng.	Bove	- "
Prof.Eng.	Ruggiero	- "
Dr.Eng.	Leanza	- Representing Dr.Eng.Maione
Dr.Eng.	Barluzzi	- Secretary

24) - Minutes of the fourth meeting of the Committee, held on Saturday 19th May 1945

The minutes were approved.

25) - Matters arising from previous minutes

Min. 19 - It was reported that the Italian military personnel for the clearing of mines at Colli Volturno had been withdrawn and sent to the North. The Committee recommended that in order to avoid serious delay in transmission line repairs, this personnel be sent back to Southern Italy as soon as possible.

Min. 19 - Lists of insulators required by electric companies have been received by Ministry of Public Works. Companies

Declassified E.O. 12356 Section 3.3/NND No. 785019

The fifth meeting of the Advisory Committee on Electric Power (Southern Italy) was held at 0930 hours on Wednesday June 20th 1945 in the offices of Società Meridionale di Elettricità (Naples).

PUBLIC WORKS
DATE 11 MAR 45
REG N. 442
FILE
VENEZIE REGION A M G

Present :

Lt.Col. W.A.	Lapper	- Chairman
Prof.Eng. A.	Asta	- Vice-Chairman
Dr.Eng.	Masturzo	- Member
Dr.Eng.	Cerillo	- "
Dr.Eng.	Montefusco	- "
Dr.Eng.	Bove	- "
Prof.Eng.	Ruggiero	- "
Dr.Eng.	Leanza	- Representing Dr.Eng.Maione
Dr.Eng.	Barluzzi	- Secretary

24) - Minutes of the fourth meeting of the Committee, held on Saturday 19th May 1945

The minutes were approved.

25) - Matters arising from previous minutes

Min. 19 - It was reported that the Italian military personnel for the clearing of mines at Colli Volturno had been withdrawn and sent to the North. The Committee recommended that in order to avoid serious delay in transmission line repairs, this personnel be sent back to Southern Italy as soon as possible.

Min. 19 - Lists of insulators required by electric companies have been received by Ministry of Public Works. Companies will also inform the Ministry on their discussions with Northern Italy Firms. Ginori Factory to report on coal which is being received in Piombino, and on the date they will start operating. Priority schedule will then be prepared for allocation of insulators produced.

Min. 19 - Eng. Asta reported that 100 tons of coke have been allocated to Corradini Firm which is now able to operate for one month, producing 30 tons of copper conductors for the S.M.E.

Min. 22 - Direzione Generale Arma dei Carabinieri has officially been requested by Ministry of Public Works to

Declassified E.O. 12356 Section 3.3/NND No. 785019

take necessary action against transmission line thefts. More detailed information is required from the Companies. Eng. Masturzo reported that some local action had been taken and the situation had considerably improved.

26) - Progress in rehabilitation of plants and transmission lines

Eng. Masturzo reported on the repairs of Società Meridionale di Elettricità pointing out that the shortage of copper and insulating material (shellac and mica) in the manufacturing companies is delaying all work. The Committee recommended that a list of Northern Italy factories actually engaged in repair work of electrical systems be submitted to A.C. in order that steps be taken to supply raw material to those factories. Rehabilitation on lines delayed due to shortage of angle bars, carbide, transport and copper conductor.

Eng. Asta reported that lists of trucks and cars required by Companies have been prepared and are being discussed with the Ministry of Transports in order to obtain vehicles rendered available to the Italian Government by Allied Military Authorities. Action is being taken with the Ministry of Industry for the matter of angle bars.

The Committee recommended that material and transport be allocated as soon as possible.

Some delay was reported in Sub-station repair due to shortage of bakelite tubes for transformers. The Committee recommended that results of the investigation which is being made by the Italian Government to ascertain the availability of this material in Northern Italy be submitted to A.C. as soon as possible.

It was also agreed that AC take some steps to see if two 15000 KVA transformers ordered by SME to Brown Boveri Co. are actually available in the North.

Eng. Leanza of Ente Autonomo Volturno reported that all repairs are going on according to programme.

An official request will now be made by this company for tyres and trucks needed for the transfer of units.

27) - Operation programme and allocation of power

The programme was agreed. Suggested reduction of load is due

Declassified E.O. 12356 Section 3.3/NND No. 785019

that a list of Northern Italy factories actually engaged in repair work of electrical systems be submitted to A.C. in order that steps be taken to supply raw material to those factories. Rehabilitation on lines delayed due to shortage of angle bars, carbide, transport and copper conductor.

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It was also agreed that AC take some steps to see if two 15000 KVA transformers ordered by SME to Brown Boveri Co. are actually available in the North.

Eng. Leanza of Ente Autonomo Volturno reported that all repairs are going on according to programme.

An official request will now be made by this company for tyres and trucks needed for the transfer of units.

27) - Operation programme and allocation of power

The programme was agreed. Suggested reduction of load is due to abnormally dry weather during 1945.

28) - Standardization of frequency

Col. Lapper advised that this matter be discussed at a later date, when repairs to transmission lines interconnecting Central and Southern Italy, will be at an advanced stage.

./.

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29) - Any other business

Nil

30) - Date and time of the next meeting

Next meeting will be held at 0930 on Wednesday 18th July 1945 in the offices of Società Meridionale di Elettricità - Naples.

Dr. Eng. Francesco Barluzzi
Secretary to the Committee

Distribution
list attached

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Dr. Eng. Francesco Berluzzi
Secretary to the Committee

Distribution
list attached

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16/17 - Vice President - Economic Section HQ AC
18 - Economic Section, HQ AC
19 - Economic Section (Att. Col. L.A.Jenny)
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12 - Fiscal Director, MTOUSA
13 - DMR (Italy) Tn. Increment, CMF
14/15 - D.C.C.A.O., 15th Army Group
16/17 - Vice President - Economic Section HQ AC
18 - Economic Section, HQ AC
19 - Economic Section (Att. Col. L.A.Jenny)
20/21 - Industry Sub-Commission HQ AC
22 - Industry S/C - Coal Section (Att. Lt.Col. Oxley)
23 - Public Relations Br. HQ AC
24 - Agriculture Sub-Commission HQ AC
25 - Food Sub-Commission HQ AC
26 - Labour Sub-Commission HQ AC
27 - Trans. Sub-Commission - Products & Works Div. HQ AC
28 - Executive Commissioner HQ AC
29 - Regional Commissioner II Toscana Region
30 - (Att. Regional Engineer) Emilia Region
31 - " " Lombardia Region
32 - " " Venezia Region
33 - C.S. Taranto
34/35 - M.A.A.F. (A)
36 - Eng. Section AAFSCO/MTO - APO 528 USA
37 - HQ N° 1 District
38 - C.E. N° 3 District
39/43 - C.G. - R.A.A.C.
44/45 - C.E. - PBS - APO 782 USA
46 - Eng. Ser. Southern District PBS - APO 782
47/48 - HQ Adriatic Depot - APO 388 USA
49 - AFLRS - RAAC - CMF
50 - File
51/65 - Spares

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Declassified E.O. 12356 Section 3.3/NND No. 785019

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TELEPH. 20004
EXT. 53

VENICE OFFICE
ELECTRICAL DIVISION
PUBLIC WORKS & UTILITIES SUB COM.
ALLIED COMMISSION
A. P. O. 394

VENICE 2 July 1945
S. MARCO CALLE GOLDONI 4123 A

PHV/pp

SUBJECT: Power Estimates Last Half of 1945 - S.A.D.E.

TO: Chief Electrical Division - Public Works & Utilities S/C Hqs. Allied Commission - APO 394

This refers to your letter 197/PWU dated 15 June to Lt.Col. Parker requesting estimates of potential power production and estimated consumption.

Attached are Table I and Table II of the estimates requested for the last six months 1945. In Table II the existing power Contracts and Connections are explained to support the estimates of purchased power in Table I.

It can very definitely be stated that in the Venezia Region, no coal will be required for electric generation for at least 12 to 14 months. It is also apparent that no wide scale rationing of electricity is foreseen in this Region.

I would like to point out that in the City of Venice, and possibly a few other locations, a lack of manufactured gas has thrown a very heavy electrical cooking load on the distribution facilities.

Rationing may become necessary in these localities this fall if relief doesnt arrive by way of Coal for manufacturing gas.

I am sending you this report directly to save delays and am advising Lt.Col. Parker by copy of same.

VENICE OFFICE Electrical Division PW&U Sub Com. OFFICIAL DATE 2 JUL AL COM

Chief Venice Office

2 inclosures

cc. Chief Elect.Division
cc. Chief Milano Office
cc. ~~Chief~~ Venezia Regional Engineer
cc. File

6118

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TABLE I.

ELECTRIC POWER SITUATION

JULY - DECEMBER 1945

S. A. D. E. SYSTEM

	July	August	September	October	Nove
			Estimated Potential Generation		
Generation (millions kWH)	141.5	118.5	106.0	123.0	126.
*) Purchase (millions kWH)	7.7	7.7	7.7	7.7	7.
TOTAL (millions kWH)	149.2	126.2	113.7	130.7	134.
MAX. DEMAND (thousand KW)	300	300	300	300	300
			Estimated Requirements		
CONSUMPTION (millions kWH)	75	80	85	90	90
MAX. DEMAND (thousands KW)	200	200	210	210	220

*) Minimum Contracts of Companies now connected with S.A.D.E. system.

- . -

Declassified E.O. 12356 Section 3.3/NND No. 785019

I.

ELECTRIC POWER SITUATION

JULY - DECEMBER 1945

S. A. D. E. SYSTEM

	July	August	September	October	November	December
			Estimated Potential Generation			
tion (ons kWH)	141.5	118.5	106.0	123.0	126.5	100.5
e (ons kWH)	7.7	7.7	7.7	7.7	7.7	7.7
(ons kWH)	149.2	126.2	113.7	130.7	134.2	108.2
MAND (and KW)	300	300	300	300	300	300
			Estimated Requirements			
TION (ons kWH)	75	80	85	90	90	90
MAND (ands KW)	200	200	210	210	220	220

Contracts of Companies now connected with S.A.D.E. system.

- . -

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TABLE II.

S. A. D. E. SYSTEM

Minimum Contracts

The minimum number of kWh stated in the contract must be paid for whether utilized or not.

EDISON (BOLOGNA)	4,000,000 kWh	per month
	13,250 kW	demand
EDISON (MARANO)	3,000,000 kWh	per month
	10,000 kW	demand
IDROGRAFPA (50 % of Generation)	700,000 kWh	per month (est
	2,000 kW	demand (est.)
PONALE (50 % of Generation)	2,500,000 kWh	per month
	15,000 kW	demand
(Not Operating due to line damage)		
S.I. TRENTINA	2,750,000 kWh	per month
	10,000 kW	demand
(Not Operating due to line damage)		
S.I. MEDIO ADIGE (33 1/3 % of Generation)	10,000,000 kWh	per month
	20,000 kW	demand
(Not Operating due to damage to canal and headworks)		

No Contracts

S.I. PIEMONTE -

Connected by two 130 kV. lines. The old contract has expired and has not been renewed.

S.I. CISMON -

Connected by two 130 kV. lines. Normal supply to their own Aluminum plant with S.A.D.E. Connection for additional power. Pending re-opening of Aluminum plant, 40,000 kW. Demand and 15,000,000 kWh per month is available to S.A.D.E. System.

CENTRAL ITALY ELECTRICITY SCHEME

COPY Nº 32

PUBLIC WORKS
DATE 3 Nov
REG. N. 240
FILE N.
VENEZIE REGION; A M G

Telephone
Rome 489081 - Ext.317

27 June 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (CENTRAL ITALY)

M I N U T E S

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 Romana di Elettricità - 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	- "
Dr.Eng.	F. Barluzzi	- Secretary
Lt.Col.	V.S. Renton	- in attendance
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.

37) - Progress in rehabilitation of plants and transmission systems

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

Declassified E.O. 12356 Section 3.3/NND No. 785019

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Eng. Landucci
Stated transmission system in Bologna-Firenze area proceeding satisfactory. He referred to Società Metallurgica Fornaci 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.

6115

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 Romana di Elettricità in order to complete the Canterno works during the summer months.

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

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.

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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 Galleto 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 : 6114
<u>Statistical Assistant</u> - 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.

41) - 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 Romana di Elettricità - Rome.

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Dr. Eng. FRANCESCO BARLUZZI
Secretary to the Committee

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12 - Fiscal Director, MTOUSA
13 - DMR (Italy) Tn. Increment, CMF
14/15 - D.C.C.A.C., 15th Army Group
16/17 - Vice President - Economic Section HQ AC
18 - Economic Section, HQ AC
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28 - Executive Commissioner HQ AC
29 - Regional Commissioner Toscana Region
30 - (Att. Regional Engineer) Emilia Region
31 - Lombardia Region
32 - Venezia Region
33 - C.S. Taranto
34/35 - M.A.A.F. (A)
36 - Eng. Section AAFSCO/MTO - APO 528 USA
37 - HQ Nº 1 District
38 - C.E. Nº 3 District
39/43 - C.G. - R.A.A.C.

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E 1

Tel. 489081
Ext. 317

HEADQUARTERS ALLIED COMMISSION
AFO 394
Public Works and Utilities Sub-Commission

WML/ec

Reference : 214
456/PWU

Subject : Power allocation for the month of July 1945

26 June 1945

To : REGIONAL COMMISSIONER EMILIA REGION
(Att. Reg. Eng.) LIGURIA REGION
PIEMONTE REGION
LOMBARDIA REGION
VENEZIA REGION

1. Enclosed herewith for information is copy of power allocation for the month of July 1945.

By command of Rear Admiral STONE.

PUBLIC WORKS & UTILITIES
DATE 27 June
REG. N. 105
FILE N. 602
VENEZIE REGION; A.M.G.

W.M. LAPPER
Lieut-Colonel,
Chief Elec. Div.

1 enclosure

6117

COPY NO: 85

ALLIED FORCE LOCAL RESOURCES SECTION
A.F.H.Q.

Postal Address:
AFLRS Rome Area Allied Command
C. M. F.

Telephone: ROME 66275

LRS/215A

23 June 45.

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - MINUTES

68. The twentieth meeting of the Electric Power Committee was held at 0930 hrs on Saturday 23 June 45, in the AFLRS (AFHQ) Conference Room, ROME.

PRESENT:

Chairman

Colonel W. B. S. SHELDON. AFLRS (AFHQ)
(acting in absence of Brig. B. B. EDWARDS, Engrs (B) AFHQ)

Representatives of:

D.W., AFHQ
DMR, ITALY
CG, PBS
HQ No 1 District
HQ No 2 District
HQ No 3 District
CG, ROME Area Allied Command
HQ ALCOM
Public Works & Utilities Sub-Commission HQ ALCOM.

In Attendance:

Chief of Section (US) AFLRS AFHQ.

69. MINUTES OF LAST MEETING

The minutes of the nineteenth meeting held on 29 May 1945 were approved.

70. MINUTES OF BOARD MEETING

No matters arose for discussion from the meeting of the Board held on 2 June 1945.

Declassified E.O. 12356 Section 3.3/NND No. 785019

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(acting in absence of Brig. B. B. EDWARDS, Engrs (E) AFHQ)

Representatives of:

D.W., AFHQ
D.M.R., ITALY
CG, PBS
HQ No 1 District
HQ No 2 District
HQ No 5 District
CG, RCME Area Allied Command
HQ ALCOM
Public Works & Utilities Sub-Commission HQ ALCOM.

In Attendance:

Chief of Section (US) AFLRS AFHQ.

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The minutes of the nineteenth meeting held on 29 May 1945 were approved.

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No matters arose for discussion from the meeting of the Board held on 2 June 1945.

71. AVAILABILITY OF POWER - JULY

Reports were received from HQ ALCOM on the amount of power available in Southern & Central ITALY for the month of July, as follows:-

Southern ITALY

The availability of power in Southern ITALY during July is reduced as shown below:-

	JUNE Availability	JULY Availability
KW x 10^3	170.00	155.00
KWH x 10^6	87.00	78.00

6110
PUBLIC WORKS & UTILITIES
DATE 29 June
REG. N.
FILE N.
VENEZIE REGION: A. M. G.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Allocations were agreed for the increased availability anticipated towards the end of July (Appendix 'C') and AFLRS AFHQ will notify all concerned by wire as soon as this power is available.

74. ALLOCATION OF POWER - JULY - LEGHORN GRID

Revised allocations (Appendix 'D') were agreed for the LEGHORN Grid.

75. NEXT MEETING

The next meeting of the Committee will be held at 0930 hrs on Saturday 21 JULY 45 in the AFLRS (AFHQ) Conference Room, ROME.

SJBL/rgf

S. J. B. LOUDEN, Major, DAQMG,
Secretary,
A.F.L.R. (ITALIAN) BOARD.

DISTRIBUTION - See over.

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DISTRIBUTION - See cover.

SUBL/rgf

S. J. B. LODGE, Major, AGPO,
Secretary,
A.F.L.R. (ITALIAN) BOARD.

COPY NO: 85

ALLIED FORCE LOCAL RESOURCES SECTION
A.F.H.Q.

Postal Address:
AFLRS Rome Area Allied Command
C. M. F.

Telephone: ROME 66275

LRS/215A

23 June 45.

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - MINUTES

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Chairman

Colonel W. B. S. SHELDON. AFLRS (AFHQ)
(acting in absence of Brig. B. B. EDWARDS, Engrs (B) AFHQ)

Representatives of:

D.W., AFHQ
DMR, ITALY
CG, PBS
HQ No 1 District
HQ No 2 District
HQ No 3 District
CG, ROME Area Allied Command
HQ ALCOM
Public Works & Utilities Sub-Commission HQ ALCOM.

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DMR, ITALY
CG, FBS
HQ No 1 District
HQ No 2 District
HQ No 5 District
CG, ROME Area Allied Command
HQ ALCOM
Public Works & Utilities Sub-Commission HQ ALCOM.

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	JUNE Availability	JULY Availability
KW x 10^3	170.00	155.00
KWH x 10^6	87.00	78.00

6110
PUBLIC WORKS & UTILITIES
DATE 29 Jun
REG. N.
FILE N.
VENEZIE REGION: A.M.G.

Declassified E.O. 12356 Section 3.3/NND No. 785019

This reduction is caused by:-

(a) Breakdown of generating plant at SILA.
(b) Abnormally dry spring season which is now being felt on the Rivers & Reservoirs in Southern ITALY.

The availability reported for July by Public Works & Utilities Sub-Commission HQ ALCOM was the maximum considered possible and was such as would leave the SILA Reservoir in a dangerously low position at the end of December 1945.

Central ITALY

There is no increased availability of power for the first part of July. It is however hoped that about the 20th July the following additional power will be made available:-

61,000 KW peak load.
35,000,000 KWH

This increased availability will result from:-

(a) Operation of the 120 KV transmission line between LIGONCHIO and PIAN DELLA ROCCA, supplying 40,000 KW from the North.
(b) Operation of the third 35,000 KW machine at CALLEIO (TERNI).

Upon completion of the 120 KV line from the north the frequency of the Central ITALY Grid System will be increased from 45 to 50 cycles and the LEGHORN Grid will be absorbed into the Central Italy Grid.

72. ALLOCATION OF POWER - JULY - SOUTHERN ITALY

In view of the reduced availability of power both PBS and 3 District submitted reduced bids for July. Their representatives stated that these reductions were the maximum possible without cutting off military installations or disconnecting civilian industrial concerns.

The total demands exceeded the estimated availability by 12,000 KW and 6,000,000 KWH.

In discussion on the cut which must necessarily be enforced the Committee agreed:

a) that the dispersal of military installations was such that no further feeder lines could be disconnected without depriving such installations of power.
b) That the cut would have to be made on civilian loads.

HQ ALCOM was unable to suggest any civilian firms that could be disconnected and the Committee recommended that the allocation (12,000 KW and 6,500,000 KWH) to the CROTONE fertiliser plant should be discontinued. HQ ALCOM representative strongly opposed this recommendation on the grounds that the fertiliser requirement in ITALY was of vital importance

Declassified E.O. 12356 Section 3.3/NND No. 785019

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61,000 KW peak load.
35,000,000 KWH

This increased availability will result from:-

(a) Operation of the 120 KV transmission line between LIGONCHIO and PIAN DELLA ROCCA, supplying 40,000 KW from the North.
(b) Operation of the third 35,000 KW machine at CALLETO (TERNI).

Upon completion of the 120 KV line from the north the frequency of the Central ITALY Grid System will be increased from 45 to 50 cycles and the LEGHORN Grid will be absorbed into the Central Italy Grid.

72. ALLOCATION OF POWER - JULY - SOUTHERN ITALY

In view of the reduced availability of power both PBS and 3 District submitted reduced bids for July. Their representatives stated that these reductions were the maximum possible without cutting off military installations or disconnecting civilian industrial concerns.

The total demands exceeded the estimated availability by 12,000 KW and 6,000,000 KWH.

In discussion on the cut which must necessarily be enforced the Committee agreed:

a) that the dispersal of military installations was such that no further feeder lines could be disconnected without depriving such installations of power.

b) That the cut would have to be made on civilian loads.

HQ AIOC was unable to suggest any civilian firms that could be disconnected and the Committee recommended that the allocation (12,000 KW and 6,500,000 KWH) to the CROTONE fertiliser plant should be discontinued. HQ AIOC representative strongly opposed this recommendation on the grounds that the fertiliser requirement in ITALY was of vital importance and was tantamount to a military commitment. HQ AIOC representative further requested that the above recommendation should be submitted to the Board without delay for a decision.

HQ AIOC reported that the estimated completion date of the TERNI-PESCARA 150 KV transmission line for the supply of power from Northern & Central to Southern ITALY was November 1945. As a sufficient supply of labour necessary for the work and as many steel towers as were needed could be made available by HQ AIOC the Committee recommended to the Board that, if possible, military assistance with transport and mine clearing be given to advance the completion date.

73. ALLOCATION OF POWER - JULY - CENTRAL ITALY

It was agreed that no changes should be made for the first part of July to the June allocation of electric power. (Appendix 'B').

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Allocations were agreed for the increased availability anticipated towards the end of July (Appendix 'C') and AFLRS AFHQ will notify all concerned by wire as soon as this power is available.

74. ALLOCATION OF POWER - JULY - LEGHORN GRID

Revised allocations (Appendix 'D') were agreed for the LEGHORN Grid.

75. NEXT MEETING

The next meeting of the Committee will be held at 0930 hrs on Saturday 21 JULY 45 in the AFLRS (AFHQ) Conference Room, ROME.

SJBL/rgf

S. J. B. LOUDEN, Major, RAOMC,
Secretary,
A.F.L.R. (ITALIAN) BOARD.

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SJBL/rgf

S. J. B. LOUDEN, Major, RAOMC,
Secretary,
A.F.L.R. (ITALIAN) BOARD.

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21	G (AE), AFHQ
22	Engineer Section, AFHQ
23	Engrs (B), AFHQ
24/25	Director of Engr.Prodn. & Stores, AFHQ
26	G-4, Coal Section, AFHQ
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28	Fiscal Director, AFHQ
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38/39	HQ 214 Gp. RAF
40	FA, RAF
41/43	CE, PBS
44/45	BPA, PBS
46	BPA, PBS (South)
47/48	HQ 1 District
49	CE, 1 District.
50	HQ, 2 District
51	CE, 2 District
52	HQ, 3 District
53	CE, 3 District
54/58	CG, Rome Area Allied Command
59	Flag Officer, TARANTO & Adriatic
60	SEMALUSNO, Italy
61	CS, TARANTO
62	COMNOB, Palermo
63	Chief Commissioner, ALCOM
64	HQ ALCOM
65	Vice-President, Economic Section HQ ALCOM
66/71	Economic Section HQ ALCOM
72/73	Industry Sub-Commission HQ ALCOM
	Sub-Commission HQ ALCOM

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29	FA, AFHQ
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31	G-4, MTOUSA
32	CG, Fifth Army (Attn: G-4 Recr)
33/34	D.A.R.R. ITALY
35	Tn. Increment, CSF
36/37	AAFSC/MTO
38/39	HQ 214 Gp. RAF
40	FA, RAF
41/43	CE, PBS
44/45	BPA, PBS
46	BPA, PBS (South)
47/48	HQ 1 District
49	CE, 1 District.
50	HQ, 2 District
51	CE, 2 District
52	HQ, 3 District
53	CE, 3 District
54/58	CG, Rome Area Allied Command
59	Flag Officer, TARANTO & Adriatic
60	SEMALUSHQ, Italy
61	CS, TARANTO
62	COMNOB, Palermo
63	Chief Commissioner, ALCOM
64	HQ ALCOM
65	Vice-President, Economic Section HQ ALCOM
66/71	Economic Section HQ ALCOM
72/73	Industry Sub-Commission HQ ALCOM
74/89	Public Works & Utilities Sub-Commission HQ ALCOM
90	Chairman, Electric Power Committee
91	Chairman, Electrical Reconstruction Committee
92	File
93/150	Spares

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APPENDIX "A"

ALLOCATION OF ELECTRIC POWER - JULY 1945

SOUTHERN ITALY

AREA SERVED	RESPONSIBILITY OF	PERMISSIBLE 15 Minute Peak KW x 10^3	PERMISSIBLE ENERGY KWH x 10^6
Apulia Co.	3 District	36.00	19.50
To UNES	3 District	3.50	1.20
Naples District	P.B.S.	37.00	18.50
Campania Co.			
(i) Frattamaggiore	P.B.S.	3.50	2.20
(ii) Pomigliano	3 District	1.50	1.00
(iii) Salerno-Torre-Cast.	3 District	19.00	10.50
(iv) Benevento	3 District	3.25	1.40
(v) Colore	3 District	1.00	0.60
(vi) Santa Maria	P.B.S.	5.50	2.80
Lucania Co.	3 District	4.00	1.30
Railways, Naples Area	M.R.S.	1.50	1.10
Foggia Benevento	M.R.S.	8.00	3.00
Salerno Torre	M.R.S.	2.00	1.10
TOTAL 150 KV at Sub Stations		125.75	64.20
Calabria 60 KV System		60	
(i) Calabria Co.	ALCOM	8.50	2.00
(ii) Railways	M.R.S.	3.00	1.70
TOTAL 60 KV at Sub Stations		11.50	3.70
TOTAL 150 KV & 60 KV		137.25	67.90
TOTAL at Plants		155.00	78.00

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APPENDIX "B"

CENTRAL ITALY - GRID

AREA SERVED & RESPONSIBILITY OF	KW x 10^3 0600 hours	to	KWH x 10^6 2200 hours	KW x 10^3 2200 hours	to	KWH x 10^6 0600 hours
DISTRICT 1						
Terni	19.00		7.30	17.00		3.20
Terni Carbide	-		-	10.00		2.00
Perugia & Foligno	4.60		1.90	4.40		.80
Spoleto	3.00		1.20	3.00		.60
Ancona & Adriatic Coast to N. exclusive of Fano	6.60		2.50	4.10		.80
Rimini & Adriatic Coast to S. inclusive of Fano	1.00		0.40	0.50		.10
Arezzo & District	4.00		1.60	3.20		.60
Orvieto & District	2.00		0.80	1.50		.30
Adriatic South to Pescara	1.00		0.40	1.50		.30
DISTRICT 3						
Frosinone	2.375		1.00	1.020		.20
Rieti	1.320		.50	1.150		.20
Viterbo	1.285		.50	1.010		.20
Rome	1.060		.40	.820		.20
Aquila	0.960		.40	1.000		.20
P.B.S.						
Civitavecchia	5.00		2.00	5.50		1.00
FIFTH ARMY						
Florence	16.00		6.30	16.00		3.00
R.A.A.C.						
Rome	52.00		20.30	35.00		6.70
M.R.S.						
Railways	10.00		4.00	10.00		2.00
TOTAL	131.20		51.50	116.70		22.40

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APPENDIX "C"

CENTRAL ITALY GRID (Including Leghorn Grid)

2nd Allocation to be operative on receipt of notification from AFLRO, AFHQ

AREA SERVED & RESPONSIBILITY OF	0600 hours KW x 10^3	to 2200 hours KWH x 10^6	2200 hours KW x 10^3	to 0600 hours KWH x 10^6
DISTRICT 1				
Terni	19.00	7.30	17.00	3.20
Terni Carbide	-	-	10.00	2.00
Perugia & Foligno	5.00	2.00	4.40	.80
Spoleto	3.50	1.40	3.00	.60
Ancona & Adriatic Coast to North exclusive of Fano	6.60	2.50	4.10	.80
Rimini & Adriatic Coast to South inclusive of Fano	2.00	0.80	2.00	.40
Arezzo & District	4.50	1.80	3.20	.60
Orvieto & District	2.00	0.80	1.50	.30
Adriatic South to Pescara	1.50	0.60	1.50	.30
DISTRICT 3				
Frosinone	3.00	1.20	1.50	.35
Ricti	1.50	0.70	1.25	0.30
Viterbo	1.50	0.70	1.25	0.30
Rome	1.50	0.70	1.00	0.22
Acquila	1.50	0.70	1.00	0.23
FIFTH ARMY				
Florence	16.00	6.30	16.00	3.00
R.A.F.C.				
Rome	80.00	31.70	45.00	9.80
M.R.S.				
Railways	10.00	2.00	10.00	2.00
P.B.S.				
Civitavecchia - Littoria	5.50	2.00	5.00	1.00
Leghorn	10.00	4.00	5.00	1.00
Lucca	5.00	2.00	3.00	0.60
Piombino	2.00	0.70	1.00	0.20
Grosseto	3.00	1.40	2.00	0.40
Lardarello	1.00	0.35	1.00	0.20
Pistoia	3.00	1.20	2.00	0.40
Prato	5.00	2.00	3.00	0.60
Siena	2.00	.80	1.50	0.30
TOTAL	195.60	75.65	147.20	610 39.10

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APPENDIX "C"

CENTRAL ITALY GRID (Including Leghorn Grid)

2nd Allocation to be operative on receipt of notification from AFLRS, AFHQ

AREA SERVED & RESPONSIBILITY OF	0600 hours to 2200 hours KW x 10^3	KWH x 10^6	2200 hours to 0600 hours KW x 10^3	KWH x 10^6
DISTRICT 1				
Terni	19.00	7.30	17.00	3.20
Terni Carbide	-	-	10.00	2.00
Perugia & Foligno	5.00	2.00	4.40	.80
Spoleto	3.50	1.40	3.00	.60
Ancona & Adriatic Coast to North exclusive of Fano	6.60	2.50	4.10	.80
Rimini & Adriatic Coast to South inclusive of Fano	2.00	0.80	2.00	.40
Arezzo & District	4.50	1.80	3.20	.60
Orvieto & District	2.00	0.80	1.50	.30
Adriatic South to Pescara	1.50	0.60	1.50	.30
DISTRICT 3				
Frosinone	3.00	1.20	1.50	.35
Ricti	1.50	0.70	1.25	0.30
Viterbo	1.50	0.70	1.25	0.30
Rome	1.50	0.70	1.00	0.22
Acquila	1.50	0.70	1.00	0.23
FIFTH ARMY				
Florence	16.00	6.30	16.00	3.00
R.A.A.F.				
Rome	80.00	31.70	45.00	9.00
M.R.S.				
Railways	10.00	2.00	10.00	2.00
P.B.S.				
Civitavecchia - Littoria	5.50	2.00	5.00	1.00
Leghorn	10.00	4.00	5.00	1.00
Lucca	5.00	2.00	3.00	0.60
Piombino	2.00	0.70	1.00	0.20
Grosseto	3.00	1.40	2.00	0.40
Lardarello	1.00	0.35	1.00	0.20
Pistoia	3.00	1.20	2.00	0.40
Prato	5.00	2.00	3.00	0.60
Siena	2.00	.80	1.50	0.30
TOTAL	195.60	75.65	147.20	29.10

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APPENDIX "D"

CENTRAL ITALY - LEGHORN GRID

AREA SERVED & RESPONSIBILITY OF P. B. S.	0600 hours KW x 10^3	to 2200 hours KWH x 10^6	2200 hours KW x 10^3	to 0600 hours KWH x 10^6
Leghorn Area	10.00	4.00	5.00	1.00
Lucca Area	5.00	2.00	3.00	0.60
Piombino	2.00	0.70	1.00	0.20
Grosseto	3.00	1.40	2.00	0.40
Lardarello	1.00	0.35	1.00	0.20
Pistoia	3.00	1.20	2.00	0.40
Prato	5.00	2.00	3.00	0.60
Siena	2.00	.80	1.50	0.30
TOTAL	31.00	12.45	18.50	3.70

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CENTRAL ITALY ELECTRICITY SCHEME

HQ. VENEZIE REGION
Doc. No 2321 B
Date Rec'd 13 JUN 1945

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
Prof.Eng.	G. ANGELUCCI	- "
Dr.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.

29) - Minutes of the fourth m

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Present :

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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	- " "
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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 Galleto unit will be in operation.

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32) - Standardization of frequency

Lt.Col. Lapper 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 hither to had not operated at 50 cycles, advantage should be taken of the present reduction in industrical load brought about by war damage.

Lt.Col. Lapper 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 (AEIE) and Eng. Prosperi 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-Pescara and Pescara-Fratta 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

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be maintained.

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

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It was estimated that the Terni-Pescara and Pescara-Fratta 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 changing frequency in Southern Italy..

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. Lapper promised to examine this with Eng. Asta and to report at the next metting.

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 Romana di Elettricità.

Dr. Eng. FRANCESCO BARLUZZI
Secretary to the Committee

Distribution list attached.

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14/15 - D.C.C.A.O., 15th Army Group
16/17 - Vice President - Economic Section HQ AC
18 - Economic Section, HQ AC
19 - Economic Section (Att. Col. L.A.Jenny)
20/21 - Industry Sub-Commission HQ AC
22 - Industry S/C - Coal Section (Att. Lt.Col. Oxley)
23 - Public Relations Br. HQ AC
24 - Agriculture Sub-Commission HQ AC
25 - Food Sub-Commission HQ AC
26 - Labour Sub-Commission HQ AC
27 - Trans. Sub-Commission - Products & Works Div. HQ AC
28 - Executive Commissioner HQ AC
29 - Regional Commissioner Toscana Region
30 - (Att. Regional Engineer) Emilia Region
31 - Lombardia Region
32 - Venezia Region
33 - C.S. Taranto
34/35 - M.A.A.F. (A)
36 - Eng. Section AAFSCO/MTO - APO 528 USA
37 - HQ Nº 1 District
38 - C.E. Nº 3 District
39/43 - C.G. - R.A.A.C.
44/45 - C.E. - PBS - APO 782 USA
46 - Eng. Ser. Southern District PBS - APO 782
47/48 - HQ Adriatic Depot - APO 388 USA
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9 - C.E., AFHQ - APO 512
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12 - Fiscal Director, MTOUSA
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25 - Food Sub-Commission HQ AC
26 - Labour Sub-Commission HQ AC
27 - Trans. Sub-Commission - Products & Works Div. HQ AC
28 - Executive Commissioner HQ AC
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30 - (Att. Regional Engineer) Emilia Region
31 - " " Lombardia Region
32 - " " Venezia Region
33 - C.S. Taranto
34/35 - M.A.A.F. (A)
36 - Eng. Section AAFSCO/MTO - APO 528 USA
37 - HQ N° 1 District
38 - C.E. N° 3 District
39/43 - C.G. - R.A.A.C.
44/45 - C.E. - PBS - APO 782 USA
46 - Eng. Ser. Southern District PBS - APO 782
47/48 - HQ Adriatic Depot - APO 388 USA
49 - AFLRS - RAAC - CMF
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51/65 - Spares

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Lapper

MESSAGE

From 86 (army) area 06 1700 B

To NOIC VENICE
GSI (b) main eighth army
945 INT port ops coy
2 italian INT coy
GSI (CL)
CSDIC
~~MAAF/Intsum~~
col JESSEN US army
USAAF LIDO
2677 regt GSS
italian offrs club albergo MONACO
FTP VENICE
allied commission electricity division

A 80 (.) CONFIDENTIAL (.) ref our A 80 of 03 jun (.) ack immediately receipt of this HQ above quoted letter

---

This message may be sent as written by any means except wireless.

Originator's Instrs
Degree of Priority

FLS

Signed .....

File 6099
Float

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Lapper

SUBJECT : Discipline - Motor Launches

CONFIDENTIAL

Hq 86 (Army) Area,
CMF.

A 80

3 Jun 45

NOIC VENICE (10)
GSI (b) Main Hq Eighth Army
Mov & Tn VENICE (10)
156 CRU (Wks)
945 INT Port Opr Coy
2 Italian INT Coy
506 Pro Coy
MOWT VENICE
797 Coy RASC (Motor Pat)
GSI (CL)
CSDIC
Eighth Army Fors
47 Port Security Soc
NAAFI/ENSA VENICE
12 Base Sig Sec
NZ Forces Club
AMG VENICE (10)
Town Major VENICE
Col JEWSON IF Army
DEALF LIDO
2677 Regt QMC
Italian Offrs Club Albergo Bonvecchio
PRB VENICE
HQ 2 Rly Opr Gp
994 Port Opr Coy
Allied Commission, Electricity Division
CRASC 13 Petrol Installations

AFM 86 (Army) Area

1. Cases of speeding in motor boats are still far too prevalent. Any motor boat found causing an undue wash in the canals of VENICE will be impounded without replacement to the unit or service concerned.

2. Ack on proforma attached.

ack. 11/6/45

J R Clark
Lt. Col. 6098
AA & QMG.
86 (Army) Area.

DWP

Declassified E.O. 12356 Section 3.3/NND No. 785019

4. Lt.Col. G.F. Parker, a representative from this Headquarters is assigned to and will be located in the Lombardia Regional Headquarters for the purpose of coordinating the activities of the reconstruction teams in the five northern Regions and effecting necessary liaison with the Electric Power Companies and Military authorities, including Regional Engineer, and furnish reports as required.

By command of Rear Admiral STONE :

(Sgd) A. G. Antolini

A.G. ANTOLINI,
Acting Vice President,
Economic Section.

Copies to :
Executive Commissioner
Establishment Section
Public Works and Utilities S/C (5 copies)

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Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel. 489081
Ext. 317

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

LWL/ac

Reference : 158/PWU

1 June 1945

Subject : Power allocation for the month of June 1945

To : REGIONAL COMMISSIONER TOSCANA REGION
(Att. Reg. Engineer) EMILIA REGION
LIGURIA REGION
PIEMONTE REGION
LOMBARDIA REGION
VENEZIA REGION

6/6/45

1. Enclosed herewith for information is copy of power allocation for the month of June 1945.

By Command of Rear Admiral STONE.

for W.M. LAPTER
Lieut-Colonel,
Chief Elec. Div.

1 enclosure

COPY NO: 83

ALLIED FORCE LOCAL RESOURCES SECTION
A.F.H.Q.

Postal Address:
AFLRS (RAAC), APO 512.

Telephone: RCME 66275.

LRS/215A

29 May 1945.

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - MINUTES

58. The nineteenth meeting of the Electric Power Committee was held at 0930 hours on Tuesday 29 May 1945, in the AFLRS (AFHQ) Conference Room, RCME.

PRESENT:

Chairman

Brig. B. B. EDWARDS, Engrs (B), AFHQ

Representatives of:

D.W., AFHQ
DMR, ITALY
CG, PBS
HQ, No. 1 District
HQ, No. 3 District
CG, RCME Area Allied Command
HQ, ALCCM
Electrical Reconstruction Committee

In Attendance:

Chiefs of Section, AFLRS, AFHQ

59. MINUTES OF PREVIOUS MEETING:

The minutes of the eighteenth meeting held on 17 April 1945 were approved.

60. MINUTES OF BOARD MEETING:

No matters arose for discussion from the meeting of the Board held on 5 May 1945.

61. ALLOCATION OF POWER - JUNE:

A report was received from Hq. ALCCM on the amount of power available in Central and Southern Italy. Demands from Base Sections, Districts, etc. were received and allocations were made as per Appendix "A" attached.

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Declassified E.O. 12356 Section 3.3/NND No. 785019

58. The nineteenth meeting of the Electric Power Committee was held at 0930 hours on Tuesday 29 May 1945, in the AFLRS (AFHQ) Conference Room, ROME.

PRESENT:

Chairman
Brig. B. B. EDWARDS, Engrs (B), AFHQ

Representatives of:

D.W., AFHQ
DMR, ITALY
CG, PBS
HQ, No. 1 District
HQ, No. 3 District
CG, ROME Area Allied Command
HQ, ALCCM
Electrical Reconstruction Committee

In Attendance:
Chiefs of Section, AFLRS, AFHQ

59. MINUTES OF PREVIOUS MEETING:

The minutes of the eighteenth meeting held on 17 April 1945 were approved.

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No matters arose for discussion from the meeting of the Board held on 5 May 1945.

61. ALLOCATION OF POWER - JUNE:

A report was received from Hq. ALCCM on the amount of power available in Central and Southern Italy. Demands from Base Sections, Districts, etc. were received and allocations were made as per Appendix "A" attached.

62. ELECTRIC POWER SITUATION - NORTHERN ITALY: 6096

A report on the Electric Power situation in Northern Italy was received from Hq. Allied Commission and is attached at Appendix "B".

The Committee recommended to the Board that in that part of Italy lying north of the northern boundaries of the provinces of LUCCA, PISTOIA, FIRENZE, and RAVENNA, no allocation of electric power should be made by the Committee in view of the supply being sufficient to meet all military and civilian demands.

63. MONTECATINI FERTILIZER PLANT - CROTONE:

It was agreed by the Committee that the supply of power to the Montecatini Works at Crotone for the manufacture of fertilizers should continue for the month of June but that due to the low level of water in the SILA reservoirs it would not be possible to continue the supply after June unless:

/(a).....

Declassified E.O. 12356 Section 3.3/NND No. 785019

(a) additional energy is made available from Northern Italy, or

(b) existing loads (military and civilian) in Southern Italy are reduced by an amount equivalent to the demand of the Montecatini Works.

The supply of power to the Crotone plant will be reviewed at the next meeting of the Committee. Hq. Allied Commission reported that investigations were being made into the possibility of producing an equivalent amount of fertilizer to the Crotone production at the Nera Montoro Chemical Works at Terni. Such a production would necessitate the allocation of an additional 16 KW x 10^3 (approximately) and the situation regarding the loading of the transmission lines to the factory is being investigated by the Public Works and Utilities Sub-Commission, ALCOM.

64. CIVILIAN DEMANDS FOR POWER IN ITALIAN GOVERNMENT TERRITORY:

It was reported that the procedure regarding the submission of civilian demands for electric power in Italian Government territory as notified to the Committee at the meeting held on 20 March 1945 (Minute 48 refers) was working satisfactorily.

65. SUPPLY OF ELECTRIC POWER FROM THE NORTH:

Public Works and Utilities Sub-Commission, Hq. ALCOM, undertook to notify the Committee at its next meeting of the progress made in the reconstruction of power lines to permit of a supply of Electric Power from Northern to Central and Southern Italy.

66. MEMBERSHIP:

The Committee recommended to the Board that, in the event of the Electrical Reconstruction Committee being dissolved, representation on the Committee be given to the Director of the Public Works and Utilities Sub-Commission, Hq. ALCOM.

67. NEXT MEETING:

The next meeting of the Committee will be held at 0930 hours on Saturday, 23 June 1945, in the AFLRS (AFHQ) Conference Room, ROME.

S. J. B. LOUDEN, Major, DAQMG,
Secretary,
A.F.L.R. (ITALIAN) BOARD.

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APPENDIX "A"

ALLOCATION OF ELECTRIC POWER - JUNE 1945

SOUTHERN ITALY

AREA SERVED	RESPONSIBILITY OF	PERMISSIBLE 15 Minute Peak KW x 10^3	PERMISSIBLE ENERGY KWH x 10^6
Apulia Co.	3 District	40.00	19.50
To UNES	3 District	4.00	1.50
Naples District	PBS	41.00	20.50
Campania Co.			
(i) Frattamaggiore	PBS	4.00	2.50
(ii) Pomigliano	3 District	2.00	1.25
(iii) Salerno-Torre-Castclamare	3 District	21.00	11.00
(iv) Benevento	3 District	3.25	1.40
(v) Calore	3 District	1.25	0.70
(vi) Santa Maria	PBS	5.50	2.80
Lucania Co.	3 District	4.50	1.50
Railways, Naples Area	LRS	1.50	1.10
Foggia Benevento	LRS	4.50	1.70
Salerno Torre	LRS	2.00	1.10
TOTAL 150 KV at Sub Stations		134.50	66.55
Calabria 60 KV System.			
(i) Calabria Co.	ALCOM	8.50	2.00
(ii) Crotone Plant	ALCOM	10.00	6.50
(iii) Railways	LRS	3.00	1.70
TOTAL 60 KV at Sub Stations		21.50	10.20
TOTAL 150 KV & 60 KV		156.00	76.75
TOTAL at Plants		170.00	87.00

Diversity factor for June 0.91
Losses Factor 1.20
Energy Loss 13%

CENTRAL ITALY - GRID

AREA SERVED & RESPONSIBILITY OF	0600 hours to 2200 hours KW x 10^3	0600 hours to 2200 hours KWH x 10^6	2200 hours to 0600 hours KW x 10^3	2200 hours to 0600 hours KWH x 10^6
DISTRICT 1.				
Terni	19.00	7.30	17.00	3.20
Terni Carbide	-	-	10.00	2.00
Perugia & Foligno	4.60	1.90	4.40	.80

Declassified E.O. 12356 Section 3.3/NND No. 785019

Campania Co.			
(i) Frattamaggiore	PBS	4.00	2.50
(ii) Pomigliano	3 District	2.00	1.25
(iii) Salerno-Torre-Castelamare	3 District	21.00	11.00
(iv) Benevento	3 District	3.25	1.40
(v) Calore	3 District	1.25	0.70
(vi) Santa Maria	PBS	5.50	2.80
Lucania Co.	3 District	4.50	1.50
Railways, Naples Area	IRS	1.50	1.10
Foggia Benevento	IRS	4.50	1.70
Salerno Torre	IRS	2.00	1.10
TOTAL 150 KV at Sub Stations		134.50	66.55
Calabria 60 KV System.			
(i) Calabria Co.	ALCOA	8.50	2.00
(ii) Crotone Plant	ALCOA	10.00	6.50
(iii) Railways	IRS	3.00	1.70
TOTAL 60 KV at Sub Stations		21.50	10.20
TOTAL 150 KV & 60 KV		156.00	76.75
TOTAL at Plants		170.00	87.00

Diversity factor for June 0.91
Losses Factor 1.20
Energy Loss 13%

CENTRAL ITALY - GRID

AREA SERVED & RESPONSIBILITY OF	0600 hours to 2200 hours KW x 10^3	2200 hours to 0600 hours KWH x 10^6		
DISTRICT 1.				
Terni	19.00	7.30	17.00	3.20
Terni Carbide	-	-	10.00	2.00
Perugia & Foligno	4.60	1.90	4.40	.80
Spoleto	3.00	1.20	3.00	.60
Ancona & Adriatic Coast to North exclusive of Fano	6.60	2.50	4.10	.80
Rimini & Adriatic Coast to South inclusive of Fano	1.00	0.40	0.50	.10
Arezzo & District	4.00	1.60	3.20	.60
Siena & District	0.80	0.40	1.00	.20
Orvieto & District	2.00	0.80	1.50	.30
Adriatic South to Pescara	1.00	0.40	1.50	.30
TOTAL DISTRICT 1	40.00	16.50	46.20	8.90
DISTRICT III				
Frosinone		1.00	1.020	.20
Rieti		.50	1.150	.20
Viterbo		.50	1.010	.20
Rome		.40	0.820	.20
Aquila		.40	1.000	.20
TOTAL DISTRICT III	7.00	2.80	5.00	1.00

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/P.B.S.....

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CENTRAL ITALY - GRID (Cont'd)

AREA SERVED & RESPONSIBILITY OF	0600 hours to 2200 hours KW x 10^3	2200 hours to 0600 hours KWH x 10^6	KW x 10^3	KWH to 10^6
P.B.S.				
Civitavecchia - Littoria	5.00	2.00	5.50	1.00
5 ARMY				
Florence & District	16.00	6.30	16.00	3.00
R.A.A.C.				
Rome	52.00	20.30	35.00	6.70
M.R.S.				
Railways	10.00	4.00	10.00	2.00
GRAND TOTAL	132.00	51.90	117.70	22.60

CENTRAL ITALY - LEGHORN GRID

AREA SERVED	RESPONSIBILITY OF	PERMISSIBLE 15 Minute Peak KW x 10^3	PERMISSIBLE ENERGY KWH x 10^6
Leghorn Area	PBS	10.00	6.00
Lucca Area	PBS	5.00	3.00
Piombino	PBS	2.00	1.00
Grosseto	PBS	3.00	2.00
Larderello	PBS	1.00	.50
TOTAL Leghorn Grid		21.00	12.50

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Declassified E.O. 12356 Section 3.3/NND No. 785019

APPENDIX "B"

C O P Y

Tel.489081
Ext. 317

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

26 May 45

214/PWU.

SUBJECT: Electric Power North Italy.

TO : Secretary, Electric Power Committee
- A.F.L.R. (I) B.-

1. A survey of the electrical power situation in Northern Italy has been made and it is now possible to determine the amount of power available for all services.

2. As the city of Bologna is at present being supplied with 12,000 KW. from Northern Italy, it is recommended that for the present the area of Northern Italy be considered to a line just south of Bologna.

3. In Northern Italy there is approximately 400,000 KWof generating plant out of service due to enemy action or Partisan activities. 50% of this will be back in service within three months. The plant out of service at the present time is approximately 10% of the total capacity in Northern Italy.

4. In view of the fact that the reduction in load in North Italy due to war-damage to factories will for some time be reduced, and also bearing in mind that Northern Italy normally had surplus energy for transmittal to Central Italy, it is considered that ample supply of electricity will be available to meet all services.

5. It is recommended that the Electric Power Committee of the A.F.L.R. (I.) B. take no action in connection with the allocation of electricity in Northern Italy at the present time.

6. You are further advised that every effort is being made to repair the transmission system between North and Central Italy, and arrangements have already been made for a flow of 100,000 KW. to be exported to Central Italy by the end of July, when it is anticipated the transmission system repairs will be completed.

For the Chief Commissioner:

s/ W.H. LAPPER,
t/ W.H. LAPPER,
Lieut-Colonel,
Chief Elect.Div.

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9	A/CAO, AFHQ
10/17	G-4 (A), AFHQ
18	G-4 (B), AFHQ (For DQMG)
19/20	G-5, AFHQ
21	Q(LE), AFHQ
22	Engineer Section, AFHQ
23	Engrs, (B), AFHQ
24/25	Director of Engr. Prodn. & Stores, AFHQ
26	QM. Coal Section, AFHQ
27	HEME, AFHQ
28	Fiscal Director, AFHQ
29	Fd., AFHQ
30	C.G., MTOUSA
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41/43	C.E., IBS
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46	B.P.A., IBS (South)
47/48	HQ, 1 District
49	CE, 1 District
50	HQ, 2 District
51	CE, 2 District
52	HQ, 3 District
53	CE, 3 District
54/58	C.G., ROME Area Allied Command
59	Flag Officer, TARANTO & Adriatic
60	SENALUSNO. Italy
61	C.S., Taranto
62	COMNOB, Palermo
63	Chief Commissioner, ALCOM
64	HQ, ALCOM
65	Vice-President, Economic Section
66/71	Economic Section
72/73	Industry Sub-Commission
74/89——	Public Works & Utilities Sub-Commission
90	Chairman, Electric Power Committee
91	Chairman, Electrical Reconstruction Committee
92	File
93/130	Spares.

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Declassified E.O. 12356 Section 3.3/NND No. 785019

Capt. Vannoy

COPY

E1

Tel.489081
Ext.317

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

WML/ce

218/PWU.

24 May 45.

SUBJECT: Assignments.

TO : Regional Commissioner, Venezia Region.
(att: Regional Engineer)

1. Attached statement showing assignments of Electrical Officers is forwarded to you for information.

2. It will be observed that Capt. P.M. Vannoy is now shown as Regional Electrical Officer Venezia Region. This arrangement has been made in order to provide an officer to advise on electrical matters within the Region, since it is understood that Major J.E. Foden is on a work in the eastern end of the Region and that Capt. Butcher has now been transferred to Public Works activities.

3. As the work in the Region is mainly that of reconstruction, it is hoped that the Regional Engineer will arrange for Capt. Vannoy to devote most of his time to this work.

By command of Rear Admiral STONE :

W.M. LAPPER,
Lieut-Colonel,
Chief, Elec.Div.

encl.

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Tel. 47[illegible]906

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

VSP/ms

REFERENCE : 218/PWU

30 April 1945

SUBJECT : Transmittal of Letter of Introduction for Major C.S. Wilcox.

TO : Advanced Section Electrical Division
Public Works and Utilities S/C A.C.
(Att. Lt.Col. Parker)
c/o Florence Province A.M.G.

1. Transmitted herewith together with a translation is a letter of introduction for Major C.S. Wilcox, prepared by Eng. Giovanni Silva of the Compagnia Nazionale Imprese Elettriche. Eng. Silva prominent in Italian electrical circles, has prepared similar letters for other Allied Commission officers scheduled to be concerned with North Italian electric facilities. It is believed that this letter may be of use to Major Wilcox in carrying out his assignment.

For the Chief Commissioner.

W.M. LAPTER
Lieut-Colonel
Chief Electrical Div.

Enclosed: Letter and Translation.

Declassified E.O. 12356 Section 3.3/NND No. 785019

COMPAGNIA IMPRESE ELETTRICHE
"CONIEL"

n. 301

TRANSLATION /ms

26 April 1945

TO : Eng.ANTONIO ROSSI
Societa' Adriatica di Elettricita'
S.Toma' - Palazzo Balbi
VENEZIA

(and in his absence)

TO : Eng. Luigi Gaggia
" MAinardis Mario
" Roberto Marin.

Dear Engineer,

I hope that you will be able to get this letter immediately after the occupation of Venice by the Allied troops and that you, all the friends and their families are in good health, and the Electrical Companies not too badly damaged.

The bearer of the present letter is:

Major C. S Wilcox

who together with Major W.Knight (of whom I wrote you on the 20 September 1944) will represent in your area the Allied Commission.

You certainly know that as soon as a certain area of the Italian territory is occupied, the A.M.G. (Allied Military Government) starts its work. This government follows the troops and of course is in charge of the civilian problems, specially of the public utilities branch, but it is provisional as sometimes only few days later its place is taken by the Allied Commission which on the contrary has a more permanent character(it may last the whole period of the Allied control).

The Allied Commission is divided in various branches. That with which I was in touch very often in the last months is the Public Works and Utilities Sub-Commission, and exactly the Utilities Division.

Here in Rome we have the main Office of A.C. which occupies the whole building of the last "Ministero delle Corporazioni". The territory of Italy has been divided in areas. 6099

10 area - Piemonte and Liguria.
11 area - Lombardia and some part of Emilia
12 area - Veneto and Romagna.

./.

Declassified E.O. 12356 Section 3.3/NND No. 785019

In each area the Public Works and Utilities Sub-Commission is represented by a Regional Engineer who for the 12 area is Maj. Knight, while the bearer of this letter Maj.Wilcoxwill be the electrical engineer who will be specially incharged of the problems of our industry.

The lond report which I am doing in agreement with the A.C. Officials has the purpose to address Maj.Wilcoxexactly to the person who in your area will be able to give him all the more accurate information about the public utilities (electricity, gas and water, transportations) enabling him to get in touch (where it is necessary) with the more interested Companies.

The work I could carry out with the Allied Commission has been very appreciated; I was able to furnish quickly and exactly all the information they need, using the data which I had in hands. It is advisable that the SADE Coy. kindly do the same with the A.C. Office of Venice. I would specially appreciate if you could arrange installation of these Office in those buildings you believe more apt. I would suggest to locate the Offices - even in a provisional way - in the same SADE Coy building; this neighbourhood, really very useful, reached the best results in Naples.

I insist on the point that nothing will be so useful for you as to stay every day in touch with their officers of whom you will appreciate at one che perfect ,oyaly of purposes and the great kindness towards as they are in charge both of the problems of a continuous operation of the various services and of the economic one (revision of rates).

I am sending a similar letter to Milan (Ferriero) and Turin (Selmo) by means the respective Regional Engineers, but if this one reaches you before other ones I have mentioned, be so kind to notify its content in the safest available way.

I hope to see you soon and I send to you and all the SADE friends my best wishes.

Very truly yours,

(Giovanni Silva)

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Declassified E.O. 12356 Section 3.3/NND No. 785019

RESTRICTED

HEADQUARTERS ALLIED COMMISSION GFP/co
APO 394
Economic Section

REFERENCE : 197/PWU. 24 April 1945

SUBJECT : Rehabilitation of Electric Power Plants and Transmission Systems.

TO : Regional Commissioner, Emilia Region
Liguria Region
Piemonte Region
Lombardia Region
Venezia Region.

1. The rehabilitation of the electrical generating stations and transmission systems in Italy has been carried out by the Electrical Division of the Public Works and Utilities Sub-Commission using field engineers for this purpose. In order to reduce the amount of time spent on travelling it was found expedient to group the field officers into Constructional Teams, one team operating from a headquarters located in Florence and one from a headquarters in Rome.

2. A.C. Policy requires that all field personnel be assigned to some established headquarters and accordingly the officers of the two Electrical Reconstruction teams for Northern Italy are assigned for accommdation and rations to Liguria and Venezia Regions, respectively. Officers of team number one are: Major A. Crowther (B), Capt. A.E. Duran (A), and Capt. R.F. Lowdon (B) and are assigned to Liguria Region. Officers of team number two are: Major C.S. Wilcox (A), Capt. P.M. Vannoy (A) and Capt. H.G. Best (B) and are assigned to Venezia Region. These locations are considered to be the most suitable points from which initial surveys can be made for the purpose of determining electrical rehabilitation requirements in Northern Italy.

3. It will be appreciated that electrical rehabilitation work must be carried out, as at present, on an overall planning basis and consistent with this policy it is essential that the Electrical Reconstruction personnel be under the direction of, and will submit reports directly to, the Electrical Division of the Public Works and Utilities Sub-Commission.

RESTRICTED

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4. Lt.Col. G.F. Parker, a representative from this Headquarters is assigned to and will be located in the Lombardia Regional Headquarters for the purpose of coordinating the activities of the reconstruction teams in the five northern Regions and effecting necessary liaison with the Electric Power Companies and Military authorities, including Regional Engineer, and furnish reports as required.

By command of Rear Admiral STONE :

(Sgd) A. G. Antolini

A.G. ANTOLINI,
Acting Vice President,
Economic Section.

Copies to :
Executive Commissioner
Establishment Section
Public Works and Utilities S/C (5 copies)

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