

ACC AC105/TN4

10000/148/2183

ELECTR

FEB. 1944-

10000/148/2183

ELECTRICITY CONTROL

FEB. 1944 - OCT. 1945

ALLIED FORCE
MILITARY RAILWAY SERVICE ITALY
OFFICE OF THE DIRECTOR (DNRSI)

Tel. FOEME 849151/5 (Firebox)
EXT 9332

Subject : Allocation of Electrical Energy.
for Electrified Lines - S. Italy. Tn.A.3(M)/15.

To : Servizio Lavorie e Costruzione,
ISR 6 Oct. 1945.
(Bog)

Copy to : Tn. Sub Commission (Rails),
AC (*attention Ing. Sarno*) (Bog)

1. Reference your L7/19/52198/EC dated 28 Sept. 1945 and L70/19/57044 dated 18 Sept. 1945.

2. At the recent Electric Power Committee meeting held on the 29 Sept. 1945, the following agreement was reached in connection with supply of electric power for operation of SALERNO - REGGIO CALABRIA and VILLA LITERNO - AVERSA Sections.

(a) Increased Allocation for SALERNO - REGGIO CALABRIA
Line.

	Allocation	
	September.	October.
Maximum 15 minute peak (KW's)	3,000	5,500
KWH's consumption per month	1.7×10^6	2.4×10^6
		Required.
		9,000
		3×10^6

It will be seen that although the power has been increased it is still insufficient to meet the peak demands of 9,000 KW's. The committee appreciated the fact that the railway demand in peak periods may exceed the allocation, but as electrical operation of the railways is of the highest priority "feeder cuts" will have to be made on the other sections of the S.M.E. Coy's network during these peaks. Every effort should be made to avoid exceeding the allocation especially during the coming winter.

(b) Re-energisation of VILLA LITERNO - AVERSA Section.

In view of the present situation regarding availability of electrical energy in Southern Italy, the allocation for re-energisation of the above section was held over until installation of the

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(b) Re-energisation of VILLA LITERNO - AVERSA Section.

In view of the present situation regarding availability of electrical energy in Southern Italy, the allocation for re-energisation of the above section was held over until installation of the mobile substation, now under going repairs in MILAN, has been completed.

Please advise this section when repairs to substation are completed so that the power position may be classified.

jd

E. C. Lyon
Lt. R.R.,
for Brigadier,
Director Military Railway Service.

Tel. 489081
Ext. 317

HEADQUARTERS ALLIED COMMISSION
INTER OFFICE MEMO.

WML/ce

REFERENCE: 214/PWU.
SUBJECT : ELECTRICITY CENTRAL ITALY.
TO : See Distribution below.
FROM : P.Wks. & U. Sub-Commission.

12 June 45.

1. Copy of attached letter sent to Secretary Electric Power Committee A.F.L.R.(I.)B. to-day is sent to you for information.

2. Your attention is drawn to:-

- (a) - Change of frequency in Central Italy from 45 cycles to 50 cycles, at about the end of July.
- (b) - Increase in available power for Central Italy of 50,000 KW. toward the end of July. This is in addition to the extra power required to raise the frequency and will be bid for at the next meeting of the Electric Power Committee when the July allocations are made.

W. M. Lapper

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

Distribution:

Economic Section,
Agriculture Sub-Commission,
Commerce " " "
Finance " " "
Food " " "
Industry " " "
Labour " " "
✓ Transportation " " "

3026

Tel. 4-9863

HEADQUARTERS ALLIED COMMISSION

WW/ce.

Ref. 317.

APR 30A

Public Works and Utilities S.A.C.-Commission

214/PWU.

12 June 45.

SUBJECT: Electricity Supply.

TO : The Secretary

ELECTRIC POWER COMMITTEE
A.F.L.R.(I.)B.

1. Your attention is drawn to the following changes which are being made to the electrical system of Central Italy.
2. On Sunday evening last a 60,000 Volt transmission line running from LIGONCHIO to PIAN DELLA ROCCA was completed and put into service. This line will transmit about 10,000 KW. of power from the 42 cycle area in Northern Italy, and through a frequency changer at Ligonchio will deliver this at 50 cycles to Central Italy.
3. As this is only a small tie-line connection and is not, therefore, suitable for interconnection of the North and Central Italy grids, arrangements have been made for a connection to the Leghorn grid and also to give a supply to Prato. The new connection does not feed into the Central Italy grid beyond this point.
4. It will be remembered that the 45 cycle arrangement in Central Italy caused some difficulty in connection with the water supply in the Florence area and, therefore, the SELT VALDARNO Electrical Company have now changed most of the water-pumping plants at Florence over to the new 50 cycle supply from the north.
5. It is not recommended that new allocations of power be made for the present, but rather that this small amount of relief which is being fed into Florence and will ease the demand on Central Italy be used for the purpose of improvement in the present supply for voltage and frequency regulation.
6. At the end of July the first of the 120,000 Volt lines between North and Central Italy will be completed and ready for service. This line will bring 50 cycle power direct from North Italy through Ligonchio to TAVERNUZZE Sub-Station. To allow for reasonable regulation the capacity of the line may be taken as 40,000 KW. In addition, a further 35,000 KW. set at GALLETO (Terni) will be restored to service at about the same time.

7. In order to continue to pool the electrical resources in Central Italy and maintain the operation of the grid system under the Master Control Centre, it will be necessary to raise the frequency of Central Italy from 45 cycles to 50 cycles at the time when the power is available from North Italy. This will be about the end of July and arrangements are being made through the electrical power companies in Central Italy for those consumers who have not previously received a 50 cycle supply to have changes made at their plant drive and equipment where this is considered to be necessary.

8. In order to allow a margin of spare capacity and also to cover any increased power demands caused by the change in existing frequency, it is recommended that a maximum of 50,000 KW. of additional power be allocated for the month of July. This to be contingent upon the coming into operation of the 120,000 Volt transmission line and the Galleto unit mentioned in para.6.

9. Will you please arrange to circulate the above information to all interested services.

For the Chief Commissioner:

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

3024

105/25
GPO/av

TRANSPORTATION SUB-COMMISSION, AC.
(RAIL DIVISION)
C/o Transportation Increment
C.M.F.

Tel: 843191-11
Ref: 10/108/151/Tn *

14 June 1945

SUBJECT : Electric Power.

TO : Hq. No. 3 District C.M.F.
Attn. Chief Engineer

1. Referring to letter IRS/2158/149 dated 9 June 45 addressed to you from A.F.I.S., cc. to this Sub-Commission in regard to request for an increase in the supply of power to Bombrini-Parodi-Pelfino, Collaforno engaged in the repair of rail cars.

2. Under date of 9 June, letter IRS/2158/149, A.F.I.S. advises this Sub-Commission that "It appears that your bid was not submitted for consideration and consequently an emergency allocation of power for the month of June has been made by this section as per attached copy of letter". The attached copy referred to is the letter mentioned in paragraph one, above, of which you have the original.

3. It is requested that this increase in power be made available at once and that the allocation be made permanent instead of an emergency.

4. Will you please advise the status of our request.

For the Chief Commissioner:

Long
C.M. LONG, Major 3023

Copy to: Hq.AC. Public Works and Utilities S/C.

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

LRS/215B/149.

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

TEL : 66275 ROME

9 June 1945.

SUBJECT : Electric Power.

TO : HQ, ALCOM,
Transportation Sub Commission (Rail Division)
c/o Transportation (Br) Main.

1. Reference your AC/105/151/Tn 4 dated 6 June 45 your original letter of even reference dated 10 April 45 was passed to HQ AC, Public Works & Utilities Sub Commission in order that your requirements for electric power could be considered in accordance with established procedure. It appears that your bid was not submitted for consideration and consequently an emergency allocation of power for the month of June has been made by this Section as per attached copy of letter.

2. It is suggested that you now approach the C.E. No. 3 District to ensure that no unnecessary delays occur in making this power available.



S.J.L. JODEN, Major, DACMG,
for Chiefs of Section,
A.F.L.R.S.

SJHL/gs.

307

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

IRS/2154/148.

Postal Address :
AFRS, SOME AREA
ALLIED COMMAND,
C. M. F.

TEL : 66275 ROME

9 June 1945

SUBJECT : Electric Power.

TO : HQ, No 3 District.

1. A request has been received for an increase in the supply of power to the BOMBINI-PARODI-DELFINO, COLLEFERRO engaged in the repair of rail cars.

2. The quantities of power required are as follows :-

from	0000	to	0700 hrs	45 Kw.
"	0700	to	0800 "	200 "
"	0800	to	1200 "	170 "
"	1200	to	1300 "	27 "
"	1300	to	1600 "	200 "
"	1700	to	2400 "	27 "

3. It is believed that this works will come under the area of PROSINONE and authority is hereby given for the following revised allocations for the month of JUNE to be applicable to that area :-

<u>Prosinone</u>	
0600 to 2200 hrs	2.575 KW x 10 ³ 1.00 KWH x 10 ⁶
2200 to 0600 hrs	1.070 KW x 10 ³ .20 KWH x 10 ⁶

[Signature]
W.B.S. SHELDON, Colonel,
Chief of Section (Pr),
A.F.L.R.S.

SJBL/gp.

Copy to :- HQ, ALCOM, Public Works & Utilities,
Sub Commission.
HQ, ALCOM, Transportation
Sub Commission.
Chairman, Electric Power Committee.

3021

Transportation (S/C-Production) to Air

0562

COPY No. 27

CENTRAL ITALY ELECTRICITY SCHEME

Telephone
Rome 489081 - Ext. 317

8 June 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (CENTRAL ITALY)

MINUTES

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

Present :

Lt. Col.	W.M. LAPPER	- Chairman
Prof. Eng.	A. ASTA	- Vice-Chairman
Dr. Eng.	A. ROVELLI	- Member
Dr. Eng.	G. ANGELUCCI	- "
Prof. Eng.	A. ANGELINI	- "
Dr. Eng.	C. FASCETTI	- "
Dr. Eng.	G. LANNUCCI	- Secretary
Dr. Eng.	F. BARLUZZI	- In attendance
Lt. Col.	V.S. RENTON	- "
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 meeting held on Monday 16th April 1945

The minutes were approved.

30) - Matters arising from previous minutes

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Dr. Eng.	A. ROVELLI	-	Member
Dr. Eng.	G. ANGELUCCI	-	"
Prof. Eng.	A. ANGELINI	-	"
Dr. Eng.	C. FASCIETTI	-	"
Dr. Eng.	G. LANZUCCI	-	"
Dr. Eng.	F. BARIUZZI	-	Secretary
Lt.Col.	V.S. RENTON	-	In attendance
Dr. Eng.	T. MASTURZO	-	"
Dr. Eng.	D. PIETROMARCHI	-	"
Prof. Eng.	G. SILVA	-	"
Dr. Eng.	PROSPERI	-	"

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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.

- 2 -

32) - Standardization of frequency

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

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

Lt. Col. Lepper pointed out that the subject was of very great importance and that, as it would later affect 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. Prosperini 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 Termini-Iscara and Pescara-Frette 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, the Government should consider the possibility of making the con-

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It was estimated that the Terni-Pescara and Pescara-Fratte maggiore lines would be completed about October-November and that, as 50 cycles power could then be imported from Central Italy, this should be taken as being the date for 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. Lepper promised to examine this with Eng. Asta and to report at the next meeting.

33) - Any other business
Nil.

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 Eletticità.

Dr. Ing. FRANCESCO BARLUZZI
Secretary to the Committee

Distribution list attached

3018

DISTRIBUTIONCopy No

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8	-	Chief Coal Section AFHQ	
9	-	C.E., AFHQ - APO 512	
10/11	-	Director of Works (B) AFHQ - CMT	
12	-	Fiscal Director, MTOUSA	
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18	-	Economic Section, HQ AC	
19	-	Economic Section (Att. Dol. L.A. Jenny)	
20/21	-	Industry Sub-Commission HQ AC	
22	-	Industry S/C - Coal Section (Att. Lt. Col. Oxley)	
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25	-	Food Sub-Commission HQ AC	
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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 AFSCC/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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46	-	Eng. Ser. Southern District PBS - APO 782	
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49	-	AFIRS - RAMO - CMT	
50	-	File	
51/65	-	Spares	

3017

TRANSPORTATION SUB-COMMISSION, AC
(RAIL DIVISION)
c/o Transportation (Br) Main
C.M.F.

Tel. 643402

Ref. AC/105/151/Tn 4

6 June 1945

SUBJECT : Allocation of Electrical Power in Central Italy
Bombrini-Parodi-Delfino, Colleferro.

TO : APHQ Local Resources Section (G-4)
Rome Area Allied Command C.M.F.

1. Reference this Sub-Commission's letter AC/105/157/Tn 4 dated 10 April 45.

2. No additional allocation has yet been made to this firm whose usefulness is restricted in consequence.

3. It is desired to increase considerably the firm's present output of approximately 70 heavy repaired rail cars per month and this can only be done if the Electric Power allocation is increased.

4. May the present allocation of power be increased to the following scale please?

from	0000	to	0700 hrs	45 Kw.
"	0700	to	0800 "	200 "
"	0800	"	1200 "	170 "
"	1200	"	1300 "	27 "
"	1300	"	1600 "	170 "
"	1600	"	1700 "	200 "
"	1700	"	2400 "	27 "

For the Chief Commissioner :

3018

S.L. Baister
S.L. BAISTER, Major

★ Tele.Ext.317.

HEADQUARTERS ALLIED COMMISSION

WHL/cc

INTER OFFICE MEMO.

REFERENCE: 221/PWU.
SUBJECT : Supply of Electricity - Railways.
TO : Transportation Sub-Commission.
FROM : P.W. & U. Sub-Commission.

30 May 45.

1. Ref. your letter AC/105/Tn.4 dated 25 May 45.
2. It is not clear to us what is required in connection with electricity for transportation services. So far as we are concerned, transportation is just one of the civilian services and application should be made for a supply to the electrical companies in accordance with the memorandum on this subject.
3. If there is any assistance which we can give you, however, it is suggested that it could be better settled at a meeting between us.

W.M. Lapper

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

3015

0570

SOUTHERN ITALY ELECTRICITY SCHEME

Telephone
Rome 489081 - Ext. 317
26 May 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (SOUTHERN ITALY)

The fourth meeting of the Advisory Committee on Electric Power (Southern Italy) was held at 0930 on Saturday 19th May 1945 in the offices of Società Meridionale di Elettrocittà - Naples.

Present :

- | | |
|---------------------|--------------------------------|
| Dr. Eng. MASTURZO | - Acting Chairman |
| Prof. Eng. STA | - Vice Chairman |
| Dr. Eng. CERILLO | - Member |
| Dr. Eng. MONTESUSCO | - " |
| Dr. Eng. BOVE | - " |
| Prof. Eng. RUGGIERO | - " |
| Dr. Eng. LANZA | - Representing Dr. Eng. Maione |
| Dr. Eng. BARIUZZI | - Secretary |

Prof. Eng. Asta reported that Lt. Col. W.M. Lepner (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. Lepner and to Mr. Visentini.

18) - Minutes of the third meeting of the Committee held on Saturday April 14th 1945

The minutes were approved.

19) - Matters arising from previous minutes

Min. 13) - Eng. Asta submitted a plan for the clearing of mines, agreed by the Ministry of Public Works and Ministry of War. As this work involves high expenses, the companies will examine this plan carefully and make their recommendations. Mines are being cleared in Valle Pescara - Avenza area and the Committee recommended that Military personnel at Colli Volturno operate now north of this place and clearing of mines be also carried out in Formia Area.

The fourth meeting of the Advisory Committee on Electric Power (Southern Italy) was held at 0930 on Saturday 19th May 1945 in the offices of Società Meridionale di Elettricità - Naples.

Present :

Dr. Eng. MASTURZO	- Acting Chairman
Prof. Eng. ST.	- Vice Chairman
Dr. Eng. CIRILLO	- Member
Dr. Eng. MONTEPUSCO	- "
Dr. Eng. BOVE	- "
Prof. Eng. RUGGIERO	- "
Dr. Eng. LANCIA	- Representing Dr. Eng. Maione
Dr. Eng. BARIUZZI	- Secretary

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Min. 13) - Lists of insulators required by operating Companies have been received by Eng. Asta and a priority schedule is being established. The Committee recommended that A.C. officers in Northern Italy be informed of the Companies requirements and contact representatives of insulator factories in Northern Italy. Orders may then be passed to Ginori factories for porcelain parts required.

The Committee also advised that Società Meridionale di Elettricità and Ente Autonomo del Volturno submit a list of insulator factories together with their requirements, and

that Companies representatives may get in touch with Northern Italy Insulator Factories as well as with other Firms.

Min. 14) - Request of iron and carbide for Pescara repairs has been sent to Ministry of Industry. The Committee again recommended that this material be supplied with the utmost urgency.

Min. 14) - It was reported that Mancini Factory at Ischia Liri could carry out some repair work, thus relieving Navalmeccanica; electric companies to make necessary detailed arrangements.

The Committee recommended that the possibility to carry out repairs for big machines in Northern Italy Firms be studied and a plan of priorities be established in agreement with A.C. and Ministry of Public Works.

Min. 15) - Minute 15 should read "the Committee advised that curtailments will probably be necessary to conserve water in the Sile reservoirs. Central Commission will decide which loads are to be disconnected".

Min. 16) - Priority on rail-transport in hand by Ministry of Public Works and State Railway. Società Meridionale di Elettricità will inform on the weekly number of wagons required.

Min. 16) - Corradini Wire-drawing Works are practically non-operating due to lack of coke. It was reported that 0.7 kilos of coke are required to wire-draw 1 kilo of copper; daily requirement 3 tons of coke.

The Committee recommended that 100 tons of coke (necessary for one month operation) be supplied to Corradini firm in order to avoid serious delay in electric plant repairs.

Eng. Asta reported that Società Metallurgica Fornaci di Barga applied for 2000 KW of power to carry out wire-drawing work. The matter is being examined by the Central Commission. The Committee recommended that the Electrical Companies submit to Ministry of Public Works all necessary informations on their requirements, in order to establish a priority schedule.

Min. 16) - The matter of providing additional transport and tyres for existing vehicles, in hand by A.C. and Ministry of Public Works.

3043

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The Committee recommended that 100 tons of coke (necessary for one month operation) be supplied to Corradini firm in order to avoid serious delay in electric plant repairs.

Eng. Asta reported that Società Metallurgica Fornaci di Barga applied for 2000 KW of power to carry out wire-drawing work. The matter is being examined by the Central Commission. The Committee recommended that the Electrical Companies submit to Ministry of Public Works all necessary informations on their requirements, in order to establish a priority schedule.

Min. 16) - The matter of providing additional transport and tyres for existing vehicles, in hand by A.C. and Ministry of Public Works.

20) - To review and make recommendations in connection with the rehabilitation of generating plants and transmission lines

Eng. Masturzo reported on the progress of repairs of Società Meridionale di Eletticità.

One unit at Pescara IV has been dismantled with means on hand (crane not yet fixed) but a large truck (12 tons) is now necessary to take the unit to Terni. The Committee recommended that A.C. take some steps in order to provide a military truck.

3013

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- 3 -

Delay in transmission lines repair is due to shortage of angle bars already requested. The Committee recommended that steps be taken in order to expedite the delivery of this material.

Eng. Leonzo reported that repairs of Ente Autonomo del Volturno are proceeding according to programme.

21) - Operation programme and allocation of power for the month of June 1945

The programme was approved. The Committee agreed that due to the present hydrological situation, abnormally unfavourable, new application for large load should not be considered for the present.

22) - Any other business

It was reported that theft of transmission lines conductors is now extremely serious including lines of 60 KV which were kept alive.

The Committee recommended that Direzione Generale dell'Arma dei Carabinieri be requested to take necessary action to prevent theft.

The matter of interconnection between Southern and Central Italy was taken up. Eng. Asta reported that the Ministry of Public Works in collaboration with the A.C. and Electric Companies of Central Italy is examining the possibility of transmitting power from Northern to Central Italy. The Committee recommended that this study be extended to Southern Italy. S.M.E. and E.A.V. will send to the Ministry of Public Works lists of the characteristics of transmission lines and transformers necessary for interconnection with Central Italy.

23) - Date and time of the next meeting

Next meeting will be held at 0930 hours on Saturday 16th June in the offices of Società Meridionale di Elettricità Naples.

3042

Dr. Eng. FRANCESCO B. RUZZI
Secretary to the Committee

24) - Operation programme and allocation of power for the month of June 1945

22) - Any other business

The Committee recommended that Direzione Generale dell'Arma dei Carabinieri be requested to take necessary action to prevent theft.

23) - Date and time of the next meeting

Next meeting will be held at 0930 hours on Saturday 16th June in the offices of Società Meridionale di Elettricità Naples.

242

DR. ENG. FRANCESCO B. BLUZZI
Secretary to the Committee

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- 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)
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- 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
- 49 - AFLRS - RAAC - CMF
- 50 - File
- 51/65 - Spares

3011

TRANSPORTATION SUB-COMMISSION, AC
(RAIL DIVISION)
c/o Transportation (Br) Main
C.M.P.

Ref. 843238

Ref. AC/105/Tn 4

25 May 1945

SUBJECT : Supply of Electricity - Railways.

TO : Public Works and Utilities Sub-Comm. HQ AC

1. Upon receipt of your statement concerning the supply of electricity for civilian purposes in Italian Government territory, details were submitted to the Ispettorato Generale della Motorizzazione civile e dei Trasporti in concessione, so that all private railways and extra-urban tramways (the latter are in many cases linked and classified with private railways) could follow the procedure for obtaining current.

2. It seems that there are two articles in the Royal Law Decree 3 April 1944 containing the regulations for restriction of electricity consumption.

3. I quote below rough translations of articles 9 and 13 and you will note the reference to transportation services in each. It is understood that action is being taken to get paragraph 9 nullified so far as transportation services are concerned, but perhaps you would be good enough to advise this Commission what amended advice will be necessary if such action is carried out.

Art. 9 - Within 14 days from the date of publication of present Decree all Prefects, in agreement with the Companies operating public transportation services operated by electricity, to lay out, through the Provincial Commissions whereof preceeding article, a plan for the co-ordination of the daily requirements of electric power for said public transportation services; above plan to be eventually submitted to the Central Commission. 3040

The decisions reached by the Provincial Commissions to be carried into effect whenever

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The decisions reached by the Provincial Commissions to be carried into effect whenever they cover public transportation services operating within the provincial boundaries, while for the services having an interprovincial character said decisions shall become effective only after the approval of the Central Commission.

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- 2 -

Art. 13. -

The provisions whereof preceeding articles do not apply for the electric power for lighting and for motive power required for the operation of hospitals and authorized nursing-houses, first-aid stations, medical and dental ambulatories, churches, military factories, rail transportation services, telephone, telegraph and radio communication services, broadcasting stations, gas and water works, public rubbish collection services, bakeries, flour mills and macaroni factories, dairy central stations, pumping stations for reclaimed marshes.

4. What is needed is a definite regulation to cover all forms of public transport needing electricity, divided, perhaps, as under :-

Italian State Railways
Private Railways in Concession
Extra-Urban Tramways in Concession
Tramways in concession
Trolleybusses in concession
Funiculars, etc. in concession.

The term "in concession" refers to all such lines which are operated by private companies but which are in fact, leased to them over varying periods by the Government. Having covered such Government-concessed transport organisations, then provisions might follow for the forms of transport either public or private, which are free from Governmental control.

A. Lindberg, Lt. Col.
Gen. Director

3009

Memorandum for Maj. Ping

A) Electricity Scheme.

When I was given by Gen. Insp. copy of the Royal Law-Decree 3 April 1944 containing the rules for the restriction of the electric power consumption, I noticed that two articles were somehow contradictory and I asked Ing. Fornari, chief of the Technical Dept. of the Gen. Insp. for some explanations.

Ing. Fornari's personal opinion was that only art. 13 applies to the electrically operated transportation services, and not only to the railways, but also to the extra-urban tramways and to the urban tramways as well, his opinion being supported by the fact that only said art. was actually enforced.

Anyhow he promised me that he would have investigated the matter and let me have a definite reply.

Not long then I pressed for above reply, and yesterday morning I took the opportunity offered by the application recently submitted by the Spoleto-Norcia Rly. to raise again the question of the interpretation of above mentioned articles.

Apparently nothing has been done in the meantime, but they told me that they were going to write an official letter to the ~~Xxxxxxxx~~ concerned Ministry in order that art. 9 be cancelled.

Here is the translation of above contradictory articles:

Art. 9 Within 14 days from the date of publication of present Decree all Prefects, in agreement with the Companies operating public transportation services operated by electricity, to lay out, through the Provincial Commissions whereof preceeding article, a plan for the co-ordination of the daily requirements of electric power for said public transportation services; above plan to be eventually submitted to the Central Commission.

The decisions reached by the Provincial Commissions to be carried into effect whenever they cover public transportation services operating within the provincial boundaries, while for the services having an interprovincial character said decisions shall become effective only after the approval of the Central Commission.

Art. 13

The provisions whereof preceeding articles do not apply ^{to the} electric power for lighting and for motive power required for the operation of: hospitals and authorized nursing-houses, first-aid stations, medical and dental ambulatories, churches, military factories, rail transportation services, telephone telegraph and radio communication services, broadcasting stations, gas and water works, public rubbish collection services, bakeries, flour mills and macaroni factories, dairy central stations, pumping stations for reclaimed marshes.

HEADQUARTERS ALLIED COMMISSION

APO 394

PUBLIC WORKS AND UTILITIES SUB-COMMITTEE.

Electrical Division:Application for supply of electricity for civilian purposes in Italian Government Territory

- 1)- Application for a supply of electricity for civilian purposes within the Italian Government territory should in all cases be made to the Local Office of the Electricity Supply Company.
- 2)- Electricity Supply Companies will submit a list of all applications for electricity to the Provincial Commission within whose area the request is made.
- 3)- Provincial Commissions (included in the Italian Government electricity rationing dated 5 April 1944) will examine all applications for electricity, give priority rating and pass them to the Advisory Committee on Electric Power for the area concerned.
- 4)- Advisory Committee on Electric Power is a technical body to advise the Ministry on matters connected with electric power. They are formed in Sardinia, Sicily, Southern and Central Italy and will, for each of each of these areas, advise on the availability of electric power, passing the list of applications forward to the Central Commission.
- 5)- Central Commission in the Ministry of Public Works (included in the Italian Government electricity rationing decree dated 5th April 1944) will coordinate applications for electricity, make final decisions and apply to the Allied Commission representative on the Electric Power Committee of the Allied Forces Local Resources (Italian) Board for the power to be made available.
- 6)- Allied Commission representative on the Electric Power Committee will submit the application for electricity to the Chief Engineer of the appropriate Military District who will include them in his bid on the Electric Power Committee of the A.F.L.R. (I) B afterwards notifying the Electric Power Company direct regarding the power which is to be made available.

NOTE: By deleting (6) and altering (5) to read that the Central Commission will make request direct to the Electric Power Companies, the arrangements

File Rev. 105
105/46

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NOTE: By deleting (6) and altering (5) to read that the Central Commission will make request direct to the Electric Power Companies, the arrangements will be used at a later date by the Italian Government in their post war electricity rationing scheme.

19 March 1945

W.M. LAPPIN
Lt-Colonel
Chief Elec. Div.

2937

Major Baird

Transportation 1/2

COPY No. 25

SICILY ELECTRICITY SCHEME

4 May 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (SICILY)MINUTES

The second meeting of the Advisory Committee on Electric Power (Sicily) was held at 1600 on Monday April 9 in the offices of Società Generale Elettrica della Sicilia - Palermo.

Present :

Dr. Eng. Saro Tricomi	- Acting Chairman
Dr. Eng. C. Scimemi	- Member
Dr. Eng. F. Abbadesse	- "
Prof. Eng. Rubino	- "

Eng. Tricomi informed the Committee that Lt. Col. W. M. Lapner (Chairman) and Prof. Eng. A. Asta (Vice Chairman) had been unable to attend the meeting.

6) - Minutes of the meeting held on February 28, 1945

The minutes were approved.

7) - Matters arising

Min. 2) - Lists of parts needed for repairs at Porto Empedocle and Palermo steam stations submitted to A.C. Action to be taken as soon as financial arrangements are made by Italian Government with foreign countries. Arrangements with Terni Co. and water for priority of repairs in hand by A.C.

It was reported that Sardinia Coal is now being washed and screened. The Committee recommended that Società Generale Elettrica della Sicilia again report on this matter at the next meeting.

Extension of plants at Palermo, Catania or Porto Empedocle is being examined by Ministry of Public Works.

Programme for importation of machinery from foreign countries, in the next three years, in hand by Società Generale Elettrica della Sicilia.

Min. 3) Following the decision taken by Electric Power Committee, the Alto Belice unit will not be reassembled in the

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Programme for importation of machinery from foreign countries, in the next three years, in hand by Società Generale Elettrica della Sicilia.

Min. 3) Following the decision taken by Electric Power Committee, the Alto Belice unit will not be reassembled in the plant in view of possible employment in Northern Italy.

Min. 4) Supply of tyres, clothing and boots needed by the Electric Co., in hand by Ministry of Public Works and A.C.

3006

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

Eng. Tricomi reported that a project for the extension of Piano del Leone dam had been approved by Ministry of Public Works since 1942 in order to increase the production of Sotio river plants; all necessary arrangements were suspended due to the Allied landing in Sicily. In order to resume this

- 2 -

work, financial assistance is needed from Italian Government due to present day increase of costs in comparison with 1942.

The Committee recommended that Ministry of Public Works examine this question and take necessary steps.

The matter of extension at Gammauta dam (increase of 500,000 c.m. storage capacity) was discussed. Ing. Tricomi reported that a large part of the material needed is already at the plant; only cement and timber are needed.

The Committee recommended that this work be proceeded with and also financial assistance granted by Italian Government in view of present day increased costs.

Eng. Abbadesse reported that the question of financing new work at Prizzi Reservoir is being handled by the "Provveditorato" for Public Works in Sicily.

9) - To discuss the operation programme and the allocation of power for the month of April 1945

Eng. Scimemi reported that energy production in April will be 6 millions KWH less than in April 1944, due to unfavourable hydrological conditions.

The situation is expected to be considerably worse in the following months.

A complete reticuling scheme has been prepared, showing the suggested curtailment to be made on low priority users in order to maintain necessary supply to essential needs. The Committee agreed that this scheme be submitted to the high Commissioner for approval.

10) - Any other business

Nil.

11) - Date and time of next meeting

Next meeting will be held in the offices of Società Generale Elettrica della Sicilia - Palermo, at 1600 hrs on Wednesday April 25, 1945.

Dr. Eng. FRANCESCO BARLUZZI
Secretary to the Committee

3005

e.m. storage capacity) was discussed. Eng. Tricomi reported that a large part of the material needed is already at the plant; only cement and timber are needed.

The Committee recommended that this work be proceeded with and also financial assistance granted by Italian Government in view of present day increased costs.

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A complete rationing scheme has been prepared, showing the suggested curtailment to be made on low priority users in order to maintain necessary supply to essential needs. The Committee agreed that this scheme be submitted to the high Commissioner for approval.

- 10) - Any other business

Nil.

- 11) - Date and time of next meeting

Next meeting will be held in the offices of Società Generale Elettrica della Sicilia - Palermo, at 1600 hrs on Wednesday April 25, 1945.

Angelo Baruzzi

Dr. Eng. FRANCESCO BARLUZZI
Secretary to the Committee

3005

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GOV No 26

CENTRAL ITALY ELECTRICITY SCHEME

Telephone
Rome 489081 - Ext. 317

26 April 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (CENTRAL ITALY)MINUTES

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

Present :

Lt. Col.	W. M. LAPPER	- Chairman
Prof. Eng.	A. ASTA	- Vice Chairman
Dr. Eng.	A. ROVILLI	- Member
Dr. Eng.	G. ANGELUCCI	- "
Dr. Eng.	A. ANGELINI	- "
Dr. Eng.	C. FASCETTI	- "
Dr. Eng.	G. LANDUCCI	- "
Dr. Eng.	F. BARLUZZI	- Secretary
Lt. Col.	V. S. RYHON	- In attendance
Maj.	E. J. BARRY	- In attendance

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

The minutes were approved.

23) - Matters arising from previous minutes

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

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

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

Eng. Asta reported that prices and high percentage of

3003

MINUTES

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

Present :

Lt. Col.	W.M. LAPPER	- Chairman
Prof. Eng.	A. ASTA	- Vice Chairman
Dr. Eng.	A. ROVILLI	- Member
Dr. Eng.	E. ANGELUCCI	- "
Dr. Eng.	A. AUGELINI	- "
Dr. Eng.	C. FASCHETTI	- "
Dr. Eng.	G. LANTUCCI	- Secretary
Dr. Eng.	F. BARILETTI	- In attendance
Lt. Col.	V.S. RHUON	- In attendance
Maj.	E.J. BARRY	- In attendance

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

The minutes were approved.

23) - Matters arising from previous minutes

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

Min. 17) - Repairs to Marine Station (SR3) still under discussion by Terni Co. and Major Barry (A.C.).

Repairs to Barfa I turbine by contractor Bosco in hand by A.C.

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

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

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

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

- 2 -

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

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

24) - Progress in rehabilitation of plants

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

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

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

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

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

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

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

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24) - Progress in rehabilitation of plants

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

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

Eng. Rovelli (S.R.V.) reported on S.R.E. progress of repairs. Ceyrano unit ready about May 15th. Parfa - Acquoria and Morino delayed for shortage of insulating materials. Angle-bars needed to repair Pontefiume gates.

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urgent need of transport, tyres, cement, insulating materials, and recommended that every effort be made to meet their requirements.

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25) - Report from the Director of the Master Control 3002

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

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

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

- 3 -

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

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

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

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

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

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

<u>Director</u>	
Monthly salary	from 18,000 to 25,200 lire
<u>Control Engineers</u>	
Monthly salary	from 10,000 to 14,000 lire
<u>Assistant Control Engineers</u>	
Monthly salary	from 8,000 to 11,200 lire
<u>Statistical Assistant</u>	
Monthly salary	from 6,000 to 8,400 lire
<u>Stenotypist</u>	
Monthly salary	from 3,500 to 4,900 lire
	3001

25) - Operation programme and allocation of power
The Committee agreed to the programme for the month of May. The Committee recommended that efforts should be

fit to all concerned and taking all the circumstances into account, they proposed to waive their claim.

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

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

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

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

Director

Monthly salary from 18,000 to 25,200 lire

Control Engineers

Monthly salary from 10,000 to 14,000 lire

Assistant Control Engineers

Monthly salary from 8,000 to 11,200 lire

Statistical Assistant

Monthly salary from 6,000 to 8,400 lire

Stenotypist

Monthly salary from 3,500 to 4,900 lire

3001

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

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

./.

- 4 -

28) - Date and time of next meeting

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

Dr. Enrico Barluzzi
Dr. ENRICO BARLUZZI
Secretary to the Committee

2000

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2999

0596

COPY No. 25

SARDINIA ELECTRICITY SUPPLY

Telephone
Rome 489081 - Ext. 317

15 April 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (SARDINIA)

MINUTES

The second meeting of the Advisory Committee on Electric Power (Sardinia) was held at 1600 hrs on Monday 26 March 1945 in the offices of Società Elettrica Sarda - Cagliari.

Present :

- | | |
|-----------------------|-------------------|
| Dr. Eng. T. FIORELLI | - Acting Chairman |
| Dr. Eng. V. GAVINI | - Member |
| Dr. Eng. M. MANFRELLI | - Member |

Eng. Fiorelli informed that Lt. Col. W. M. LARPER (Chairman) and Eng. A. ASTA (Vice-Chairman) had been unable to attend the meeting. Eng. Sanna (member) was also absent due to engagement in the continental Italy.

- 6) - Minutes of the meeting held on February 23rd 1945

The minutes were approved.

- 7) - Matters arising

Min. 2) Request of oil for Santa Caterina transformer (12,500 KVA) sent by Sarda Co. to Ministry of Public Works.

Min. 3) The question of Plumedosa project and extension of plant at Tiro in hand by Ministry of Public Works.

Min. 4) A first list of materials urgently needed for maintenance of all plants was submitted to Ministry of Public Works.

Min. 4) Request of tires, clothing and boots in hand by

15 April 1945

0597

ADVISORY COMMITTEE ON ELECTRIC POWER (SARDINIA)

MINUTES

The second meeting of the Advisory Committee on Electric Power (Sardinia) was held at 1600 hrs on Monday 26 March 1945 in the offices of Società Elettrica Sarda - Cagliari.

Present :

- | | |
|----------------------|-------------------|
| Dr. Eng. T. FIORELLI | - Acting Chairman |
| Dr. Eng. V. GAUDIN | - Member |
| Dr. Eng. M. MANFREDI | - Member |

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The minutes were approved.

7) - Matters arising

Min. 2) Request of oil for Santa Caterina transformer (12,500 KVA) sent by Sarda Co. to Ministry of Public Works.

Min. 3) The question of Flumendosa project and extension of plant at Tirso in hand by Ministry of Public Works.

Min. 4) A first list of materials urgently needed for maintenance of all plants was submitted to Ministry of Public Works.

Min. 4) Request of tires, clothing and boots in hand by Ministry of Public Works and Allied Commission.

8) - To review progress and make recommendations in connection with the electric power generation and transmission in Sardinia

Eng. Fiorelli reviewed the situation of electric plants; total production of energy in 1945 is expected to be no more than 165 x 10⁶ kWh (about 50% from steam stations) due to unfavourable hydrological season and insufficient maintenance of steam stations. Curtailment will be necessary to meet the estimated request of 180 x 10⁶ kWh and

./.

- 2 -

allow sufficient supply of power to fertilizer factories. The Committee recommended that material needed for maintenance of plant according to the complete list now submitted by Sarda Co. to Ministry of Public Works, be urgently supplied. It was reported that S. Gilla steam station (Gagliari) will probably start operation in May 1945 requiring 170 tons of coal a day.

9) - To discuss the recreation programme and the allocation of power for the month of April 1945

The energy production in April will be equally met by hydre and steam stations.

The Committee recommended that Santa Caterina Steam Station be put into operation on the beginning of April in order to limit hydrogeneration thus providing a safe hydraulic reserve.

In view of difficulties of railroad transports for the coal needed at this station the Committee recommended that a curtailment schedule be now prepared in order to meet an emergency situation.

10) - Any other business

It was reported that the shortage of transports is causing serious delay to the work for Flumendosa Station. In January 1945 Sarda Co. was asked to return one military truck. Local transport organizations are unable to meet the Company requirements and one truck, owned by Sarda Co. is short of tires.

The Committee recommended that one truck (3 tons) or a set of 6 tires be supplied to the Company in order to carry on the Flumendosa project.

11) - Date and time of next meeting

Next meeting will be held in the offices of Società Elettrica Sarda at 1600 hours on Monday 23rd April 1945.

Angelo Barluzzi
Dr. Eng. FRANCESCO BARLUZZI
Secretary to the Committee

Distribution
list attached

0007

1945 requiring 170 tons of coal a day.

- 9) - To discuss the operation programme and the allocation of power for the month of April 1945

The energy production in April will be equally met by hydro and steam stations.

The Committee recommended that Santa Caterina Steam Station be put into operation on the beginning of April in order to limit hydrogeneration thus providing a safe hydraulic reserve.

In view of difficulties of railroad transports for the coal needed at this station the Committee recommended that a curtailment schedule be now prepared in order to meet an emergency situation.

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The Committee recommended that one truck (3 tons) or a set of 6 tires be supplied to the Company in order to carry on the Flumendosa project.

- 11) - Date and time of next meeting

Next meeting will be held in the offices of Societa Elettrica Sarda at 1600 hours on Monday 23rd April 1945.

Dr. Eng. Francesco Barluzzi
Dr. Eng. FRANCESCO BARLUZZI
Secretary to the Committee

Distribution
list attached

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SOUTHERN ITALY ELECTRICITY SOURCES

Telephone

Rome 489081 - Ext. 317

23 April 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (SOUTHERN ITALY)

The third meeting of the Advisory Committee on Electric Power (Southern Italy) was held at 0930 on Saturday April 14th 1945 in the offices of Società Meridionale di Eletticità - Naples.

Present :

Lt. Col.	W.M. LAPPER	- Chairman
Prof. Eng.	A. ASTA	- Vice-Chairman
Dr. Eng.	MASTURZO	- Member
Dr. Eng.	CERIBIO	- "
Dr. Eng.	MAIONE	- "
Dr. Eng.	MONTEFUSCO	- "
Dr. Eng.	BOVE	- "
Prof. Eng.	RUGGIERO	- Secretary
Dr. Eng.	F. BARIUZZI	- In attendance
Lt. Col.	V.S. RENTON	- In attendance
Maj.	R.A. RYAN	- In attendance

- 12) - Minutes of the second meeting of the Committee held on Saturday 17 March 1945

The minutes were approved.

- 13) - Matters arising

Min. 6)

Eng. Asta reported that transfer of lead press from Leghorn to Naples is not advisable; repairs of machine already in Naples will be possible with the assistance of Terni Co.

Min. 6)

Maps showing mined areas and priority schedule received by Ministry of Public Works; the Ministry of War has been requested to take necessary action. The Committee recommended that mines be removed as soon as possible from Colli Volturne area, where military personnel has already been sent.

0602

ADVISORY COMMITTEE ON ELECTRIC POWER (SOUTHERN ITALY)

The third meeting of the Advisory Committee on Electric Power (Southern Italy) was held at 0930 on Saturday April 14th 1945 in the offices of Società Meridionale di Elettricità - Naples.

Present :

Lt.Col.	W.H. LAPPER	- Chairman
Prof.Eng.	A. ASTA	- Vice-Chairman
Dr.Eng.	MASTURZO	- Member
Dr.Eng.	CERILLO	- "
Dr.Eng.	MAIOMI	- "
Dr.Eng.	MONTEFUSCO	- "
Dr.Eng.	BOVE	- "
Prof.Eng.	RUGGIERO	- Secretary
Dr.Eng.	F. BARIUZZI	- In attendance
Lt.Col.	V.S. RENTON	- In attendance
Maj.	R.A. RYAN	- In attendance

- 12) - Minutes of the second meeting of the Committee held on Saturday 17 March 1945

The minutes were approved.

- 13) - Matters arising

Min. 6)

Eng. Asta reported that transfer of lead press from Leghorn to Naples is not advisable; repairs of machine already in Naples will be possible with the assistance of Terni Co.

Min. 6)

Maps showing mined areas and priority schedule received by Ministry of Public Works; the Ministry of War has been requested to take necessary action. The Committee recommended that mines be removed as soon as possible from Colli Volturno area, where military personnel has already been sent.

Min. 6)

Lists of insulators required by operating Companies sent to Eng. Asta. Arrangements will be made with Gineri insulator factory at Florence, and priority schedule established when lists are received from the Central Italy Companies.

Min. 8)

Eng. Asta reported that Ente Nazionale Autotrasporti Corse (E.N.A.C.) had been requested by Ministry of Public Works to grant highest priority to applications received from the Electrical Companies for transport.

- 2 -

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

Eng. Masturzo reported on the progress of Società Meridionale di Elettricità repairs to plants. Repairs had been delayed due to low priority on railway transport. Repairs at Pescara stations delayed for shortage of car-bids and iron. Ministry of Public Works to examine with assistance of Allied Commission.

Eng. Maione reviewed the progress of repairs of Ente Autonomo del Volturno.

In view of the Naval Mechanics Works at Naples now working to capacity the Committee recommended that efforts be made to employ other local factories on repair work. The Electric companies will report on this at the next meeting of the Committee.

- 15) - Operation programme and allocation of power for the month of May 1945

Eng. Masturzo reported on the availability of plant and stated that a small margin of spare capacity was now available to meet emergency conditions. In view of present day poor hydrological conditions the Committee advised that curtailments of Crotone fertilizer factories will probably be necessary to conserve water in the Sila reservoirs.

- 16) - Any other business

Priority on railway transport was discussed and attention drawn on the importance of electrical rehabilitation in connection with the activity of other essential industries. The Committee recommended that the highest priority be granted to Rail transport needed by operating Companies.

The matter of wire-drawing work was again discussed. Eng. Asta reported that high prices and percentage of losses required by Corradini wire drawing firm (Naples) are due to bad condition of workshops.

Situation will improve when Società Metallurgica Fornaci di Barga will be operated.

The Committee recommended that a priority schedule be established by Ministry of Public Works in connection with

2994

side and iron. Ministry of Public Works to examine assistance of Allied Commission.

Eng. Maione reviewed the progress of repairs of Ente Autonomo del Volturno.

In view of the Naval Mechanic Works at Naples now working to capacity the Committee recommended that efforts be made to employ other local factories on repair work. The Electric companies will report on this at the next meeting of the Committee.

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The matter of wire-drawing work was again discussed. Eng.

Asta reported that high prices and percentage of losses required by Corradini wire drawing firm (Naples) are due to bad condition of workshops.

Situation will improve when Società Metallurgica Fornaci di Barga will be operated.

The Committee recommended that a priority schedule be established by Ministry of Public Works in connection with wire-drawing made by Corradini.

Prof. Ruggiero reported on the requirement of power for irrigation and the Committee advised that the pumping stations be operated throughout the day except from 0700 to 1300 hours. Shortage of transport by the Electrical Companies was also discussed and the Committee recommended that additional transport and also tyres for existing vehicles be provided in order to speed up electrical rehabilitation work.

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- 3 -

Prof. Ruggiero presented applications for electricity from the provincial commission, as there was no additional generating capacity available, the Committee had no observation to make.

17) - Date and time of next meeting

Next meeting will be held at 0930 hours on Saturday 19th May 1945 in the offices of Società Meridionale di Elettrocità - Naples.

[Handwritten signature]

Dr. Eng. FRANCESCO BARLUZZI
Secretary to the Committee

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

IRS/215B/38

Postal Address: AFIRS, Rome Area
Allied Command,
C.M.F.

SUBJECT: Electricity Control

Telephone: ROME 66062

18 APRIL 45

To: CG, 15 Army Group.
CG, MTOUSA.
GOC, No.1 District.
GOC, No.2 District.
GOC, No.3 District.
CG, Rome Area Allied Command.

1. Reference Allied Force Headquarters letter AG 675/055 GDS-0 dated 18 OCT 44, subject as above.
2. In accordance with para.3, enclosed herewith is the revised schedule of allocation of electric power for the month of MAY 1945.

THOMAS R. GIBSON, Colonel, AUS,
Chief of Section (US),
AFIRS.

W.B.S. SHELDON, Colonel,
Chief of Section (BR),
AFIRS.

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To: CG, 15 Army Group.

CG, AFMUSA.

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GOC, No.2 District.

GOC, No.3 District.

CG, Rome Area Allied Command.

1. Reference Allied Force Headquarters letter AG 675/C55 CDS-0 dated 18 OCT 44, subject as above.

2. In accordance with para.3, enclosed herewith is the revised schedule of allocation of electric power for the month of MAY 1945.

Frank Gibson

W.B.S. Sheldon

THOMAS R. GIBSON, Colonel, AUS,
Chief of Section (US),
AFIRS.

W.B.S. SHELDON, Colonel,
Chief of Section (BR),
AFIRS.

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2991

ALLOCATION OF ELECTRIC POWER - MAY 1945.SOUTHERN ITALY

<u>AREA SERVED</u>	<u>RESPONSIBILITY OF</u>	<u>PERMISSIBLE</u>	
		<u>15 Minute Peak</u>	<u>ENERGY</u>
		<u>KW x 10³</u>	<u>KWH x 10⁶</u>
APULIA CO.	3 DISTRICT	40.00	20.50
Tc UNES	3 DISTRICT	4.00	1.75
NAPLES DISTRICT	PES	40.00	20.00
CAMPANIA CO.			
(i) Pomigliano	3 DISTRICT	4.00	2.50
(ii) Salerno-Torre-Castelmare	3 DISTRICT	21.00	11.00
(iii) Benevento	3 DISTRICT	3.25	1.40
(iv) Calore	3 DISTRICT	1.25	0.70
(v) Santa Maria	PES	5.50	2.80
LUCANIA CO.	3 DISTRICT	4.00	1.50
		<u>123.00</u>	<u>62.15</u>

CALABRIA 60 KV SYSTEM

(i) Calabria Co.	ALOM	8.50	2.00
(ii) Crotone Plant	ALOM	9.00	5.80
		<u>17.50</u>	<u>7.80</u>

RAILWAYS, NAPLES AREA

"	IRRS	1.50	1.10
"	IRRS	4.50	1.70
"	IRRS	2.00	1.10
		<u>8.00</u>	<u>3.90</u>

TOTAL Railway load on 150 KV System

RAILWAYS, CALABRIA on 60 KV System	IRRS	3.00	1.70
------------------------------------	------	------	------

TOTAL 150 KV at Sub-Stations	131.00	66.05
TOTAL 60 KV at Sub-Stations	<u>20.50</u>	<u>9.50</u>
TOTAL 150 KV and 60 KV	<u>151.50</u>	<u>75.55</u>

TOTAL at Plants	168.00	87.00
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NOTES: Diversity factor for May - 0.92
 Losses factor for May - 1.21
 Energy Loss - 13%

CENTRAL ITALY - GRID

<u>AREA SERVED & RESPONSIBILITY OF:</u>	<u>0600 hours to 2200 hours</u>		<u>2200 hours to 0600 hours</u>	
	<u>KW x 10³</u>	<u>KWH x 10⁶</u>	<u>KW x 10³</u>	<u>KWH x 10⁶</u>
DISTRICT I (including irrigation)	42.00 +	16.50	36.00	6.90
DISTRICT III	7.00	2.50	5.00	1.00
5th ARMY	16.00	6.30	16.00	3.00
				<u>2990</u>

(i) Pomigliano	3 DISTRICT	4.00	2.50
(ii) Salerno-Torre-Castellamare	3 DISTRICT	21.00	11.00
(iii) Benevento	3 DISTRICT	3.25	1.40
(iv) Calore	3 DISTRICT	1.25	0.70
(v) Santa Maria	PES	5.50	2.80
LUCANIA CO.	3 DISTRICT	4.00	1.50
		<u>123.00</u>	<u>62.15</u>

CALABRIA 60 KV SYSTEM

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(ii) Crotone Plant	ALOM	9.00	5.80
		<u>17.50</u>	<u>7.80</u>

RAILWAYS, NAPLES AREA	MRS	1.50	1.10
" FOGGIA-BENEVENTO	MRS	4.50	1.70
" SALERNO-TORRE	MRS	2.00	1.10
TOTAL Railway load on 150 KV System		<u>8.00</u>	<u>3.90</u>

RAILWAYS, CALABRIA on 60 KV System	MRS	3.00	1.70
TOTAL 150 KV at Sub-Stations		131.00	66.05
TOTAL 60 KV at Sub-Stations		<u>20.50</u>	<u>9.50</u>
TOTAL 150 KV and 60 KV		<u>151.50</u>	<u>75.55</u>
TOTAL at Plants		163.00	87.00

NOTES: Diversity factor for May - 0.92
 Losses factor for May - 1.21
 Energy Loss - 13%

CENTRAL ITALY - GRID

AREA SERVED & RESPONSIBILITY OF:	0600 hours to 2200 hours KW x 10 ³	2200 hours to 0600 hours KW x 10 ³	0600 hours to 0600 hours KW x 10 ⁶	
DISTRICT I (including irrigation)	42.00 +	16.50	36.00	6.90
DISTRICT III	7.00	2.00	5.00	1.00
5th ARMY	16.00	6.30	16.00	3.00
R.A.A.C.	52.00	20.30	30.00	5.70
M.R.S.	10.00	4.00	10.00	2.00
Terni Carbide (ALOM)	-	-	10.00	2.00
P.B.S.	<u>19.50</u>	<u>11.50</u>	<u>5.00</u>	<u>1.00</u>
TOTAL	146.50	61.40	112.00	21.60

+ This figure includes 8.00 KW x 10³ which is earmarked for BOLOGNA and will be withdrawn from DISTRICT I when required there. 5th Army representative undertook to notify AFIS as soon as the date is known by which the transmission lines to BOLOGNA are able to carry the load and the power is required to be made available.

105/12

ENBJ/1c

TRANSPORTATION SUB-COMMISSION, AC
(RAIL DIVISION)
c/o Transportation Increment
C.M.F.

Tel. 843238
Ref. AC/105/151/Tn 4

10 April 1945

TO : Allied Forces Local Resources Section
AFHQ
Rome Area Allied Command
CMF

SUBJECT : Allocation of Electrical Power in Central Italy -
Bombrini-Parodi-Delfino.

1. Reference attached copy of letter received from the firm of BOMBRINI-PARODI-DELFINO of COLLEFERRO.
2. May the requested additional load be supplied please, as the repair shop concerned is engaged upon the repair of Rail Wagons for the ISR under special supervision of this Sub-Commission.

E.N.B. Jeffrey
E.N.B. JEFFREY, Major RC

2983

BOMBINI PARODI - DELFINO
R O M A
AZIENDA INDUSTRIALE

6th April 1945

TO ALLIED COMMISSION H.Q.
Transportation Sub-Commission.
Rails Division.

P/491 CO-vdn

C.M.P.

ELECTRIC POWER REQUIREMENT FOR B.P.D.
COLLEFERRO REPAIR SHOP =

As per letter R4/ENG/7002 dated 8th March, copy of which is attached herewith AMG instructed Società Romana di Elettricità to supply a total 24 hours load of 1600 Kw to Colleferro Cement Plant, adding that until further notice part repair shop in Colleferro.

Our sister Firm, Società per la Produzione della Calce e Cementi di Segni, is now informing us that in view of an increased power requirement in the forth-coming month there will be no surplus to be shifted to our repair shop in accordance with following loads:

from	000	to	700 hrs	45 Kw.
"	700	"	800 "	200 "
"	800	"	1200 "	170 "
"	1200	"	1300 "	27 "
"	1300	"	1600 "	170 "
"	1600	"	1700 "	200 "
"	1700	"	2400 "	27 "

We shall feel very obliged if you could, therefore, recommend above requirements to be allocated specially for our repair shop and not as a share of the "Calce e Cementi" allocation.

Insert.-

TO ALLIED COMMISSION H.Q.
 Transportation Sub-Commission.
 Rails Division.

C.M.F.
 =====

ELECTRIC POWER REQUIREMENT FOR B.P.D.

COLLEFERRO REPAIR SHOP -

As per letter R4/ENG/7002 dated 8th March, copy of which is attached herewith AMG instructed Società Romana di Eletticità to supply a total 24 hours load of 1600 Kw to Colleferro Cement Plant, adding that until further notice part repair shop in Colleferro.-

Our sister Firm, Società per la Produzione della Calce e Cementi di Segni, is now informing us that in view of an increased power requirement in the forth-coming month there will be no surplus to be shifted to our repair shop in accordance with following loads:

from	000	to	700 hrs	45 Kw.
"	700	"	800 "	200 "
"	800	"	1200 "	170 "
"	1200	"	1300 "	27 "
"	1300	"	1600 "	170 "
"	1600	"	1700 "	200 "
"	1700	"	2400 "	27 "

We shall feel very obliged if you could, therefore, recommend above requirements to be allocated specially for our repair shop and not as a share of the "Calce e Cementi" allocation.-

Insert.-

2985

C/C/ POSTALE-ROMA N. 1/4430

Bombardini Saroni-Delfino

SOCIETA' ANONIMA PER AZIONI - CAPITALE L. 50.000.000 INTERAMENTE VERSATO

SEDE CENTRALE
CORSO UMBERTO I° 267 - P° I
AZIENDA INDUSTRIALE
CORSO UMBERTO I° 267 - P° II

AZIENDA INDUSTRIALE

Roma, 6th April 1945

CASELLA POSTALE N° 572

Prot. N° P/491 CD-vdn

IDA CITARE NELLA RISPOSTA I

TO ALLIED COMMISSION H.Q.

Transportation Subcommittee
Rails DivisionC. M. F.ELECTRIC POWER REQUIREMENT FOR B.P.D.
COLLEFERRO REPAIR SHOP =

As per letter R4/ENG/7002 dated 8th March, copy of which is attached herewith, AMG instructed Società Romana di Eletticità to supply a total 24 hours load of 1600 Kw to Colleferro Cement Plant, adding that until further notice part of the load, not exceeding 200 Kw, should be shifted to BPD's repair Shop in Colleferro.-

Our sister Firm, Società per la Produzione della Calce e Cementi di Segni, is now informing us that in view of an increased power requirement in the forthcoming month there will be no surplus to be shifted to our repair shop in accordance with following loads :

from 000	to 700 hrs	45 Kw
" 700	" 800 "	200 "
" 800	" 1200 "	170 "
" 1200	" 1300 "	27 "
" 1300	" 1600 "	170 "
" 1600	" 1700 "	200 "
" 1700	" 2400 "	27 "

2987

We shall feel very obliged if you could, therefore, recommend above requirements to be allocated specially for our repair shop and not as a share of the "Calce e Cementi" allocation.-

Insert.

p.p. Bombardini Saroni-Delfino

TELEGRAMMI: BOMPARDE - TELEFONI: 61446-681731

Rt.93

HEADQUARTERS
ALLIED MILITARY GOVERNMENT
Lazio Umbria Region
(Engineering Division)
APO 394

DB/rm

8th March 1945

TO : Società Romana di Eletticità
Via Poli 14

SUBJECT : Electric power supply to Calce e Cementi di Segni - Colleferro and to BPD Colleferro repair shops.

IN REPLY QUOTE: R4/ENG/700.2

1. Following sanction given by C.B. N°3rd District you are requested to supply an additional electric load of 1250 KW at the Colleferro Cement Plant - Calce e Cementi di Segni.
2. This additional load will make a total 1600 KW connected load for the 24 hours period of each day, that is 38000 KWH monthly.
3. Up to further notice part of this load will be shifted to the BOMBINI-PARODI-DELFINO Colleferro repair shops at the following schedule of load.

from	000 to 700 hrs	45 KW
"	700 to 800 "	200 "
"	800 to 1200 "	170 "
"	1200 to 1300 "	27 "
"	1300 to 1600 "	170 "
"	1600 to 1700 "	200 "
"	1700 to 2400 "	27 "

For the Regional Engineer

E.P.WADE-BROWN, Capt. R.A.
Chief E & M Section

COPIA

2986

COPY NO: 18ALLIED FORCE LOCAL RESOURCES SECTION
A.F.H.Q.Postal Address :
AFMRS, Rome Area
Allied Command,
C.M.F.
TEL : ROME 66275

9 January 1945

LRS/215B/31.

SUBJECT : Allocation of Electrical Power in Central Italy for the Month of February.

1. Arising out of HQ AG, Public Works & Utilities Sub-Commission letter Ref: 159/PWU dated 8 JAN 45, it will be necessary at the next meeting of the Electric Power Committee to consider the advisability of allocating electric power in Central Italy on a slightly different basis than hitherto.

2. The areas affected by the grid linkage, referred to in the above quoted letter, are those shown on the shaded portion of the attached map and represent the systems previously under the control of :-

- (a) Societa Romana di Elettricità
- (b) Azienda Comunale Elettricità ed Acque
- (c) Terni Societa per l'Industria e l'Elettricità

3. Power in other areas in Central Italy will be bid for and allocated as previously.

4. In order that the maximum benefit can accrue to all concerned in the area subject to the new linkage, those Districts, Base Sections, or equivalent formations affected in this area, are requested to submit their demands to reach this Section by the 18 JAN 45 giving the total peak KW demand at hourly intervals for a consecutive period of 24 hours starting at 0001 hours.

5. In the event of discussion arising out of the demands submitted by Districts, Base Sections, or equivalent formations, representatives of these organizations are requested to attend the meeting of the Electric Power Committee in possession of full details of the breakdown of the bulk bid submitted by each.

Frank Gibson

THOMAS R. GIBSON, Col., AUS,
Chief of Section (US),

W. A. Curry

W. A. CURRY, Brigadier,
Chief of Section (BR),

SUBJECT : Allocation of Electrical Power in Central Italy for the Month of February.

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Frank Wilson

THOMAS R. GIBSON, Col., AUS,
Chief of Section (US),
A.F.L.R.S.

SJEL/JS.

W. A. Curry

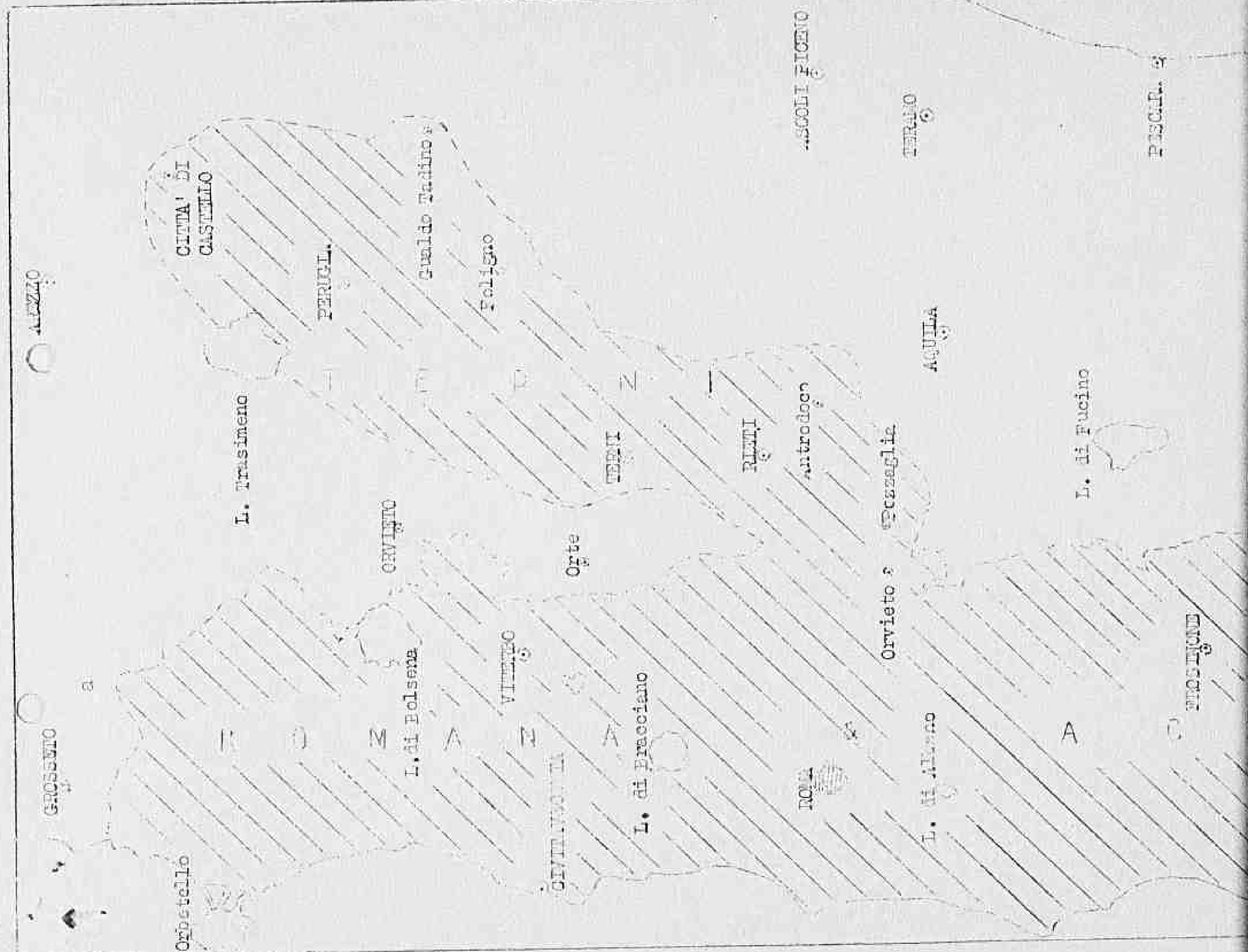
W. A. CURRY, Brigadier,
Chief of Section (BR),
A.F.L.R.S.

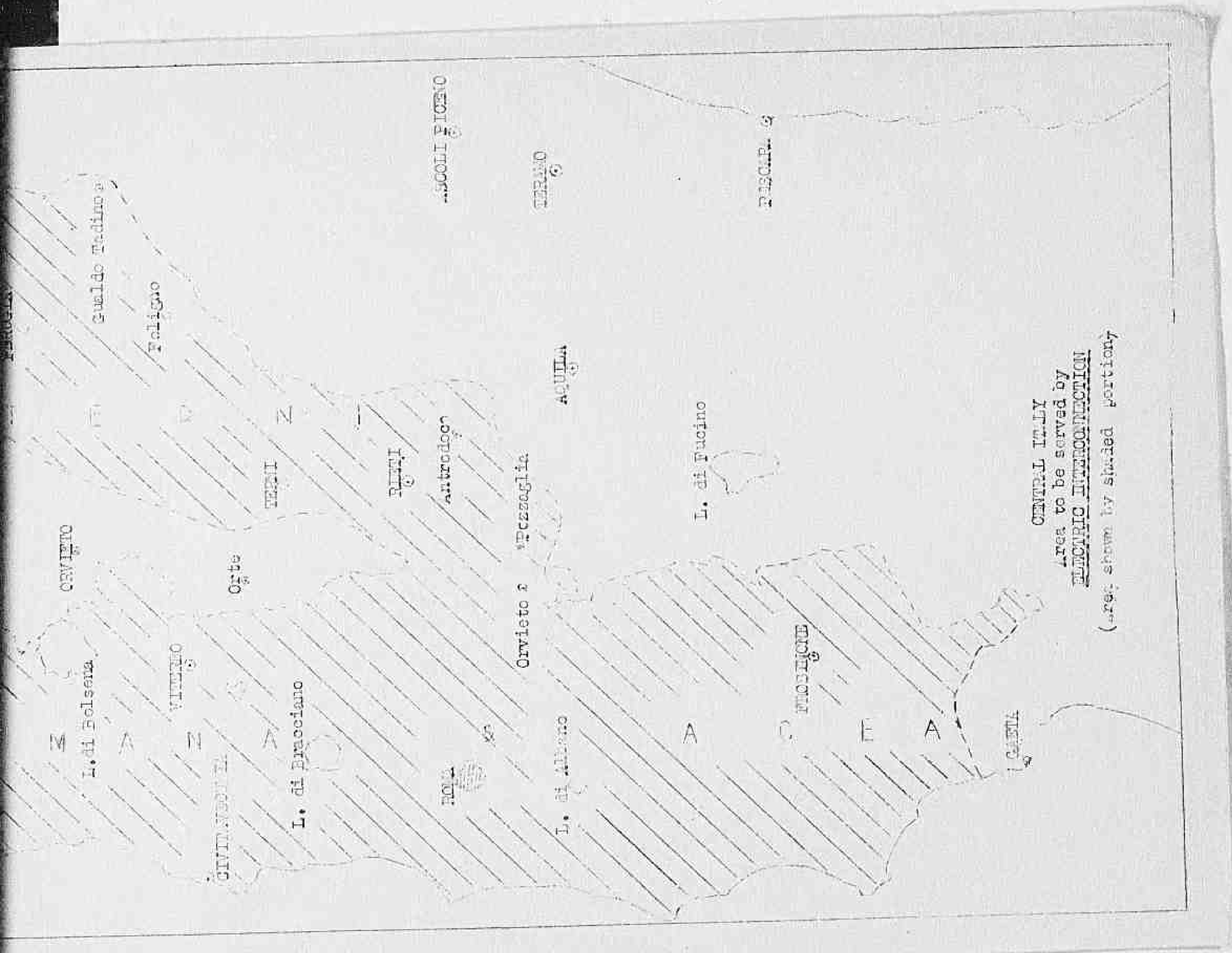
DISTRIBUTION
See reverse

2985

DISTRIBUTION
Copy No:

- 1 CE, AFHQ
- 2 Dir. Eng. Prod. & Stores, AFHQ
- 3 CE, No 1 District
- 4 CE, No 2 District
- 5 CE, No 3 District
- 6 Eng., AFHQ
- 7 DARS (ITALY)
- 8 CRE, Rome Area Allied Command
- 9 Economic Section, HQ AC
- 10 Agriculture S/C, AC
- 11 Commerce S/C, AC
- 12 Finance S/C
- 13 Food S/C
- 14 Industry S/C, AC
- 15 Labour S/C, AC
- 16 Navy S/C, AC
- 17 Shipping S/C, AC
- 18 Transportation S/C, AC
- 19 Public Works & Utilities S/C, AC
- 20 Mining Section, AC
- 21 Priority & Movements Section
- 22 Requisition Section, AC
- 23 Supply & Resources Section, AC
- 24 Secretary Electric Power Committee, AFHQ (I) B
- 25 REGIONAL COMMISSIONER SOUTHERN REGION
- 26 (Attention Reg. Eng.) L. ZIO-UMBRIA REGION
- 27 MARCHE-ABRUZZI & MOLISE REGION
- 28 TOSCANA REGION
- 29 EMILIA REGION
- 30 LIGURIA-PIEMONTE REGION
- 31 LOMBARDIA REGION
- 32 VENEZIA REGION
- 33 File.
- 34/55 Spares.





105/9

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

LR3/215P/23..

Postal Address:
AFHRS, RAAC, CMF

TEL : ROME 66275.

22 November 1944.

SUBJECT: Electricity Control.

TO : Commander-in-Chief, Allied Armies in Italy
Commanding General, MTOUSA.
General Officer Commanding No.2 District
General Officer Commanding No.3 District
Commanding General Rome Area Allied Command.

1. Reference Allied Force Headquarters letter AG 475/055 GDS-0 dated 18 Oct 44, subject as above.

2. In accordance with para. 3, enclosed herewith in the revised schedule of allocation of electric power for the month of December.

Thomas R. Gibbon, Col., AUS,
Chief of Section (Am),
A.F.H.Q.S.

A. A. Curry, Brigadier,
Chief of Section (Br),
A.F.H.Q.S.

DISTRIBUTION:

Electrical Reconstruction Committee (3)

DNR (3)

AC (10)

Each addressee (10)

PHS (5)

MAAF (10)

AAT/MTO (10)

AAFGC/MTC (10)

Naval C-in-C (10)

Chief Engineer, AFHQ (2)

G-5, AFHQ (2)

G-4 (A), AFHQ (2)

G-4 (B), AFHQ (2)

G-5, AFHQ (2)

D, AFHQ (2)

C/S MTO (1)

C/S AFHQ (1)

CAO, AFHQ (1)

ATC (1)

INC (1)

TO : Commander-in-Chief, Allied Armies in Italy.
 Commanding General, MTOUSA.
 General Officer Commanding No. 2 District.
 General Officer Commanding No. 3 District.
 Commanding General Rome Area Allied Command.

1. Reference Allied Force Headquarters letter AO 275/335 QDS-9 dated 18 Oct 44, subject as above.

2. In accordance with para. 8, enclosed herewith is the revised schedule of allocation of electric power for the month of December.

Thomas R. Gibson, Col., AUS,
 Chief of Section (Am),
 A.F.L.R.S.

A. A. Curry, Brigadier,
 Chief of Section (EP),
 A.F.L.R.S.

DISTRIBUTION:

Electrical Reconstruction Committee (5)

DNR (3)

AC (10)

Each addressee (10)

PBS (5)

MAAT (10)

MAAT/MTO (10)

MAFEC/MTC (10)

Naval C-in-C (10)

Chief Engineer, AFHQ (2)

G-3, AFHQ (2)

G-4 (A), AFHQ (2)

G-4 (E), AFHQ (2)

G-5, AFHQ (2)

DW, AFHQ (2)

C/S MTO (1)

C/S AFHQ (1)

CAC, AFHQ (1)

ATC (1)

INO (1)

PWB (1)

CWI (1)

AG Records (2)

AG M & D. (1)

2984

ALLOCATION OF ELECTRIC POWER - DECEMBER 1974

AREA SERVED	RESPONSIBILITY OF	PERMISSIBLE 15 Minutes Peak 5 MW X 10	PERMISSIBLE ZENTRO MW X 10
SOUTHERN ITALY			
APULIA ON To UNES	3 DISTRICT	42.00	19.00
MADIES DISTRICT	3 DISTRICT	5.00	2.00
CALABRIA CO.	PES	35.00	19.00
(i) Fongiglino	3 DISTRICT	4.00	2.10
(ii) Salerno - Torre - Cast	3 DISTRICT	19.00	10.00
(iii) Benevento	3 DISTRICT	5.00	1.50
(iv) Salerno	3 DISTRICT	1.50	0.70
(v) Santhelmaria	PES	5.50	2.50
LUCANIA CO.	3 DISTRICT	5.30	1.00
		110.30	53.40
CALABRIA 60 KV SYSTEM			
(i) Calabria Coy.	AC	9.50	3.20
(ii) Crotone Plant.	LC	2.00	1.50
		11.50	4.50
RAILWAYS			
RAPIES AREA	150 KV System	1.50	0.70
FOGIA BENEVENTO	150 KV System	4.50	1.50
SALERNO-TORRE	150 KV System	2.00	1.00
TOTAL Railway Load on 150 KV System		8.00	3.20
CALABRIA on 60 KV System			
		3.00	1.50
		11.00	4.70
TOTAL 150 KV at Substations			
		126.30	61.60
TOTAL 50 KV at Substations			
		14.50	6.00
TOTAL 150 KV and 60 KV			
		140.80	67.60
TOTAL at Plants			
		154.00	81.50
CENTRAL ITALY - GRID			
GERANO - COLLENTINO	3 DISTRICT	0.62	0.32
CIVITAVECCHIA (Soc.Volsinia)	PES	3.05	1.50
PERUGIA & POLIGNO	3 DISTRICT	4.50	2.50
SPOLITO	1 DISTRICT	1.00	0.60
VITERBO & ORVIEJO	1 DISTRICT	1.50	1.00
AREZZO	1 DISTRICT	1.00	0.60
Siena	1 DISTRICT	1.00	0.60
ANCONA Province	1 DISTRICT	1.00	0.50
MACERATA Province	1 DISTRICT	1.00	0.50
ASSOLI Province	1 DISTRICT	1.00	0.50
SENIGALLIA & PESARO	1 DISTRICT	1.00	0.50
TERRACINA & DISTRICT	1 DISTRICT	0.00	0.00
TOTAL		15.00	8.00

0624

(ii) Salerno - Torre - Cast	3 DISTRICT	12.00	1.50
(iii) Benevento	3 DISTRICT	5.00	0.70
(iv) Salerno	3 DISTRICT	1.50	2.50
(v) Santa Maria	3 DISTRICT	5.50	1.80
UNIV. CO.	3 DISTRICT	5.50	58.40
		118.50	
CALABRIA 60 KV SYSTEM			
(i) Calabria COB	120	2.50	3.20
(ii) Crotone Plant.	120	2.00	4.50
		4.50	
RAILWAYS			
NAPLES AREA	150 KV System	1.50	0.70
FOGGIA-BENEVENTO	150 KV System	1.50	1.50
SALERNO-TORRE	150 KV System	2.00	1.00
		5.00	3.20
TOTAL Railway Load on 150 KV System			
CALABRIA on 60 KV System		3.00	1.50
		11.00	4.70
TOTAL 150 KV at Substations		126.50	61.60
TOTAL 60 KV at Substations		14.50	6.00
TOTAL 150 KV and 60 KV		140.00	67.60
TOTAL at Plants		154.00	61.50
CENTRAL ITALY - GRID			
CAMPANO - COMPTONERO	3 DISTRICT	0.63	0.32
CIVITAVECCHIA (Sec. Volturno)	3 DISTRICT	3.05	1.50
PERUGIA & VOLTERRE	1 DISTRICT	4.50	2.50
SPOLTO	1 DISTRICT	1.00	0.50
VITERBO & ORVIERO	1 DISTRICT	1.50	1.00
ARICCIO	1 DISTRICT	1.00	0.50
SIRAC	1 DISTRICT	1.00	0.60
ANCONA Province	1 DISTRICT	1.00	0.70
MACERATA Province	1 DISTRICT	1.00	0.60
AScoli Province	1 DISTRICT	1.00	0.60
RECANATI & PESARO	1 DISTRICT	1.00	0.30
TERMI & Umbria	1 DISTRICT	8.00	6.00
BOLOGNA	5 AREA	5.00	0.56
ROME	5 AREA	30.00	15.00
ORTE-VOLTERRE-CHINCESO Railway	1 DISTRICT	5.00	1.50
TOTAL 2983			
CENTRAL ITALY - NON-GRID			
ANCONA Province	1 DISTRICT	2.70	1.50
ARICCIO	1 DISTRICT	1.00	0.60
AScoli Province	1 DISTRICT	2.50	1.40
MACERATA Province	1 DISTRICT	1.00	0.50
TOLLENTINO Area	1 DISTRICT	1.00	0.50
FLORENCE	1 DISTRICT	15.00	5.50
SIRAC	1 DISTRICT	0.50	0.30
PERUGIA & VOLTERRE	1 DISTRICT	1.00	0.50
TOTAL GRID		61.66	52.18
TOTAL NON-GRID		24.70	8.90
/.....OVER			

Subject:- Electric Power.

- 1 District (15)
- 2 District (15)
- 3 District (15)
- CG, Rome Allied Area Command (5)
- CG, PBS (15)

HQ ALLIED ARMIES IN ITALY.

Tel:- FILPOT 207.

2131/1/Q2.

19 Aug 44.

The schedule attached to HQ AAI letter, 2131/1/Q2 dated 18 July, 44, is cancelled.

Revised allocation for September, 44, is forwarded herewith as Appendix "A".

- AFHQ
- Copy to:-
- Fifth Army (Br Ino).
 - CG, Fifth Army (2)
 - Main Eighth Army (2)
 - Rear Eighth Army (2)
 - 5 Corps (2)
 - FOWIT (2)
 - FOTALI (2)
 - HQ TAF (2)
 - HQ DAF (2)
 - HQ 214 Group RAF
 - Adv HQ 214 Group RAF
 - AAFSC/ATO
 - DGPRS
 - ACC (20)
 - Local Resources Section (8)

Chief Administrative Officer.

- G-4
- Q(Mov) (2)
- RE (2)
- Works
- "X"
- CSO L of C
- Tn(Br)
- Tn(US)
- Postal
- ST
- Ord
- DDOS L of C
- HEHE
- Lab (2)
- EFI
- ACC Liaison
- NLO
- War Diary (2)

2131/1/Q2.

19 Aug 44.

1 District (15)
2 District (15)
3 District (15)
CG, Rome Allied Area Command (5)
CG, PBS (15)

The schedule attached to HQ AAI letter, 2131/1/Q2 dated 18 July, 44, is cancelled.

Revised allocation for September, 44, is forwarded herewith as Appendix "A".

AFHQ
Fifth Army (Br Inc).
Copy to:- CG, Fifth Army (2)
Main Eighth Army (2)
Rear Eighth Army (2)
5 Corps (2)
POWIT (2)
FOTAIL (2)
HQ TAF (2)
HQ DAF (2)
HQ 214 Group RAF (2)
Adv HQ 214 Group RAF
AAFSO/MTG
DGARS
ACC (20)
Local Resources Section (8)

G-4 (2)
Q(Mov) (2)
FE (2)
Works (2)
"X" (2)
CSO L of C (2)
Tn(Br) (2)
Tn(US) (2)
Postal (2)
ST (2)
Ord (2)
DDOS L of C (2)
HEME (2)
Lab (2)
EFI (2)
ACC Liaison (2)
NLO (2)
War Diary (2)
File (2)
Master (2)

Delivered.
Major General,
Chief Administrative Officer.

2982

20 Aug
34.

0626

ATTORNEY GENERAL - DECEMBER 1964

NEW STUDIES

SOUTHERN LIME

348

END OF

TULARES DISTRICT

Quintana, DE

- (i) Pomigliano
(ii) Salerno - Torvo - Cast
(iii) Benevento
(iv) Salerno
(v) Santa Maria
INGHIL. 60.

THE GOAL OF THE SYSTEM

- (i) *Calabaria* Coy.
- (ii) *Cratogeomys* Planch.

CONCLUSIONS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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ONLY ONE TEST, THE EASYONE

SALVINO-UCERIN

total delay load on 150 MW system

cut off in 60 yr system

TABLE 150 IV. SUBSTITUTIONS

TOTAL 60 KW at Substation

models, 150 *vt* and 60 *kv*

Toni et Pinta

THEATRE, FILM, AND

02/04/2010 - 01:00:00

CRYM. 2011 (500 Volumes)

BENTLEY & HOLZNER

SPOTLIGHT

$$\frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = 0 \quad \text{for } t \in \mathbb{R}^+.$$

CONCLUSIONS

[illegible]

Agrochim. Provençale

in the 17th Province

457011 Province

THE UNIVERSITY OF CHICAGO

THE JOURNAL OF THE

STUDY

DATE RECEIVED
MARCH 6
1964

15 Minute
Pulse 3
TV x 10

19.00
2.00
19.00

$$\begin{array}{r} 2.10 \\ 10.00 \\ 1.50 \\ 0.75 \\ 2.50 \\ \hline 58.40 \end{array}$$
$$\begin{array}{r} 3.20 \\ 1.30 \\ \hline 4.50 \end{array}$$
$$\begin{array}{r} 0.70 \\ 1.50 \\ 1.00 \\ \hline 3.20 \end{array}$$
$$\frac{1.50}{1.70}$$
$$\begin{array}{r} 61.60 \\ 6.00 \\ \hline 57.60 \end{array}$$

0.32
1.50
2.50
0.50
1.00
0.50
0.50
0.50
0.50
0.50
0.50
0.50
0.50
0.50
0.50

0.65
5.05
1.50
1.00
1.50
1.00
1.00
1.00
1.00
1.00
8.00
5.00

1. OTHER

* Dependent on A.M.I.T.O unit coming in.

* 2,000 M/ to be available on DEC 1, and the balance up to 5,000 M/ subject to A.M.I.T.O unit coming in.

* * * Plus entire output of ROE Thermal Plants.

Subject: Electric Power.

HQ ALLIED ARMIES IN ITALY.

Tel: FILPOT 207.

2131/1/Q2.

19 Aug 44.

1 District (15)
2 District (15)
3 District (15)
CG, Rome Allied Area Command (5)
CG, PBS (15)

The schedule attached to HQ AAI letter, 2131/1/Q2 dated 18

July, 44, is cancelled.

Revised allocation for September, 44, is forwarded herewith as Appendix "A".

AFHQ
Fifth Army (Br Ing).

Copy to: CG, Fifth Army (2)
Main Eighth Army (2)
Rear Eighth Army (2)
5 Corps (2)
FOWIT (2)
FOTALI (2)
HQ TAF (2)
HQ DAF (2)
HQ 214 Group RAF (2)
Adv HQ 214 Group RAF (2)
AAFSC/MTO (2)
DEURS (2)
ACC (20)
Local Resources Section (8)

G-4 (2)
Q(Mov) (2)
PE (2)
Works (2)
"X" (2)
CSO L of C (2)
Tn(Br) (2)
Tn(US) (2)
Postal (2)
ST (2)
Ord (2)
DDCS L of C (2)
PEEAT (2)
Lab (2)
EFI (2)
ACC Liaison (2)
MLO (2)
War Diary (2)
File (2)
Master (2)

Ad. Ch. ad. Major General,
Chief Administrative Officer.

19 Aug 44

- 1 District (15)
- 2 District (15)
- 3 District (15)
- CG, Rome Allied Area Command (5)
- CG, PBS (15)

The schedule attached to HQ AAI letter, 2131/1/Q2 dated 18 July, 44, is cancelled.

Revised allocation for September, 44, is forwarded herewith as Appendix "A".

- AFHQ
Fifth Army (Br Ino).
Copy to:-
CG, Fifth Army (2)
Main Eighth Army (2)
Rear Eighth Army (2)
5 Corps (2)
FOWIT (2)
FOTALI (2)
HQ TAF
HQ DAF
HQ 214 Group RAF
Adv HQ 214 Group RAF
AAFSC/ATO
DGERS
ACC (20)
Local Resources Section (8)

Mich. et.
Major General,
Chief Administrative Officer.

- G-4
Q(Mov) (2)
RE (2)
Works
"X"
CSO L of C
Tn(Br)
Tn(US)
Postal
ST
Ord
DDOS L of C
REME
Lab (2)
EPI
ACC Liaison
NLO
War Diary (2)
File
Master

2982

20 Aug 44
34

APPENDIX "A"ALLOTMENT OF ELECTRIC POWER - SEPT. 44.

<u>AREA SERVED</u>	<u>RESPONSIBILITY OF</u>	<u>PERMISSIBLE 15 Minute Peak KW x 10³</u>	<u>PERMISSIBLE ENERGY KWH x 10⁶</u>
<u>SOUTHERN ITALY:</u>			
APULIA CO.	2 DISTRICT	37.00	17.50
TO UNES	1 DISTRICT	1.50	1.00
NAPLES DISTRICT	PBS	29.00	15.50
CAMPANIA CO.	3 DISTRICT	3.00	2.00
(i) Pomigliano	3 DISTRICT	17.00	9.40
(ii) Salerno-Torre-Cast.	3 DISTRICT	1.75	1.00
(iii) Benevento	3 DISTRICT	1.35	0.60
(iv) Calore	PBS	4.00	1.50
(v) Santa Maria	2 DISTRICT	5.00	1.50
LUCANIA CO.	TOTAL	99.60	50.00
CALABRIA 60 KV SYSTEM		=====	=====
Calabria Co.	ACC	11.00	3.80
(Exclusive of Savuto Plant)			
<u>RAILWAYS:</u>			
NAPLES AREA 150 KV System	DCMRS	1.00	0.70
FOGGIA BENEVENTO 150 KV System	DCMRS	4.00	1.30
SALERNO-TORRE 150 KV System	DCMRS	2.00	1.00
TOTAL Railway Load on 150 KV System		7.00	3.00
CALABRIA on 60 KV System		3.00	1.50
TOTAL 150 KV at Substations		10.00	4.50
TOTAL 60 KV at Substations		106.60	54.50
TOTAL at Plants		14.00	5.30
		123.00	66.00
<u>CENTRAL ITALY:</u>			
TERNI CO.	1 DISTRICT	7.00	-
(i) Florence-Arezzo	1 DISTRICT	3.50	-
(ii) Terni	1 DISTRICT	5.30	-
UNES ANCONA			
Soc. Volsinia di ELETTRICITA			

- 2981

APULIA CO.	2 DISTRICT	37.00	17.50
TO UNES	1 DISTRICT	1.50	1.00
NAPLES DISTRICT	PBS	29.00	15.50
CAMPANIA CO.			
(i) Pomigliano	3 DISTRICT	3.00	2.00
(ii) Salerno-Torre-Cast.	3 DISTRICT	17.00	9.40
(iii) Benevento	3 DISTRICT	1.75	1.00
(iv) Calore	3 DISTRICT	1.35	0.60
(v) Santa Maria	PBS	4.00	1.50
LUCANIA CO.	2 DISTRICT	5.00	1.50
	TOTAL	99.60	50.00
		=====	
CALABRIA 60 KV SYSTEM			
Calabria Co.	ACC	11.00	3.80
(Exclusive of Savuto Plant)			

RAILWAYS:

NAPLES AREA 150 KV System	DCMRS	1.00	0.70
FOGGIA BENEVENTO 150 KV System	DCMRS	4.00	1.30
SALERNO-TORRE 150 KV System	DCMRS	2.00	1.00
TOTAL Railway Load on 150 KV System		7.00	3.00
CALABRIA on 60 KV System		3.00	1.50
		10.00	4.50
TOTAL 150 KV at Substations		106.60	54.50
TOTAL 60 KV at Substations		14.00	5.30
TOTAL at Plants		123.00	66.00

CENTRAL ITALY:

TERNI CO.			2981
(i) Florence-Arezzo	1 DISTRICT	7.00	-
(ii) Terni	1 DISTRICT	3.50	-
UNES ANCONA	1 DISTRICT	5.30	-
Soc. Volsinia di ELETTRICITA	PBS	3.00	-
Civitavecchia			
Soc. Romana di ELETTRICITA & AGEA			
Rome	RAAC	8.20	5.00

* Plus entire output of the thermal stations in ROME Area.

Tel. 478200

HEADQUARTERS
ALLIED CONTROL COMMISSION
Public Works and Utilities Sub-Commission
APO 394105/5
VSR/ce

24 Jul 1944

ACC/120/PWU

Subject: Request for Map showing
Electrification of Italian
State Railways.To : Lieut. Colonel L.E. VINING,
Deputy Director, Transportation
Sub-Commission.

It is understood that there is available, in the office of the Director General of the Italian State Railways a copy of a map showing the electrification of the State Railways. Information shown on this map is urgently needed by the Electrical Division Public Works and Utilities Sub-Commission in connection with planning activities, and your signature on the attached letter requesting the map would be appreciated.

*W.M. Lapper*W.M. LAPPER
Lieut-Colonel
Chief, Util. & Adm. Div.1 encl:- Letter to Director General
Italian State Railways.*Letter attach sent
to the by
from Bureau P.W.U. (Electric Section)**24/7*

2980

HEADQUARTERS
ALLIED CONTROL COMMISSION
Transportation Sub-Commission
APO 394

VSR/ce

ACC/ /

24 Jul 44

Subject: Request for Map showing
Electrification of Italian
State Railways.

To : Director General.
Italian State Railways.

It would be appreciated if a copy of the map
entitled "Schema Generale e Schema Particolari delle Reti
di Distribuzione A.T. della Elettificazione FF.SS."
could be made available to the Public Works and Utilities
Sub-Commission, Allied Control Commission for planning
purposes.

*Original sent
Major Reulin*

L. E. Vining

L. E. VINING
Lieut-Colonel,
Deputy Director,
Transportation Sub-Commission.

2979

Subject:- Electric Power.

2 District (15)
3 District (15)
C.G. P.E.S. (15)

1. The schedule attached to HQ AAI (Adm Ech) letter 2131/1/Q2 dated 1 Apr., 44, is cancelled.
2. Revised allocation for May, 1944, is forwarded herewith as Appendix "A".

C.G. Fifth Army
Copy to:- Fifth Army (British Inc.)
Main Eighth Army
Rear Eighth Army
5 Corps
FOUW
FOUW
HQ TAF
HQ DAF
HQ 214 Group RAF
Adv HQ 214 Group RAF
AFSC/ATO
DCMS

(2)
(2)
(2)
(2)
(2)
(2)
(2)

AAC (20)
Local Resources Sec (8)
C-4 (2)
R.E. (2)
Stores (2)
"X" (2)
CSO L of C (2)
Mov
Tr(Er)
Tr(US)
Postal
ST
ORD
DDOS L of C
FEME (2)
Labour
E.F.I.
A.C.C. Liaison
N.L.O. (2)
War Diary
File
Master

Major-General,
Chief Administrative Officer.

105/4
PHRU
Food
Appl
Mung
RSC
Trans-
Shipping
Fin
Labor
File

HQ AAI,
C.M.F.
2131/1/Q2.
26 Apr 44.

2 District (15)
3 District (15)
C.G. P.B.S. (15)

1. The schedule attached to HQ AAI (Adm Ech) letter 2131/1/02 dated 1 Apr., 44, is cancelled.
2. Revised allocation for May, 1944, is forwarded herewith as Appendix "A".

C.G. Fifth Army
Copy to:- Fifth Army (British Inc.)

Main Eighth Army
Rear Eighth Army
5 Corps
FOUW
FOUW
HQ TAF
HQ DAF
HQ 214 Group RAF
Adv HQ 214 Group RAF
AUSC/INTG
DGERS

(2)
(2)
(2)
(2)
(2)
(2)
(2)

Major-General,
Chief Administrative Officer.

AAC (20)
Local Resources Sec (8)
C-4 (2)
F.E. (2)
Torps
"X"
CSO L of O
Mov
Tn(Er)
Tn(US)
Postal
ST
ORD
DEOS L of C
FEME
Labour
E.F.I.
A.C.C. Liaison
N.L.O.
War Diary
File
Master

(2)
(2)

2978

APPENDIX "A".

ALLOCATION OF ELECTRIC POWER

MAY 1962

AREA SERVED	RESPONSIBILITY OF	PERMISSIBLE 15 MINUTE PEAK KW x 10 ³	PERMISSIBLE ENERGY KWH x 10 ⁶
APULIA CO.			
NAPLES DISTRICT	2 DISTRICT	38.00	19.40
CAMPANIA CO.	P B S	29.00	17.00
(i) Pomigliano	3 DISTRICT	3.00	1.25
(ii) Salerno-Torre/Camp.	3 DISTRICT	13.00	7.00
(iii) Benevento	3 DISTRICT	1.75	1.00
(iv) Calore	3 DISTRICT	1.25	0.60
(v) Santa Maria	P B S	5.50	2.10
LUCANIA CO.	2 DISTRICT	5.00	2.00
	TOTAL	96.50	50.35
		=====	=====
CALABRIA 60 KV SYSTEM:			
CALABRIA CO. (exclusive of Savuto Plant)	A C C	2.00	2.50
	TOTAL	9.00	2.50
		=====	=====
RAILWAYS:			
NAPLES AREA, 150 KV System	DCRS	1.00	0.70
FOGGIO RENEVENTO "	"	4.00	1.30
SALERNO - TORRE "	"	2.00	1.00
	TOTAL RAILWAY LOAD on 150 KV System	7.00	3.00
		=====	=====
CALABRIA on 60 KV System		3.00	1.50
	TOTAL RAILWAYS	10.00	4.50
		=====	=====
TOTAL 150 KV at Substations		103.50	53.35
TOTAL 60 KV at Substations		12.00	3.50
	TOTAL AT PLANTS	123.00	66.00

CALABRIA CO.	P B S	29.00	17.00
(i) Pomiciano	3 DISTRICT	3.00	1.25
(ii) Salerno-Torino-Genoa	3 DISTRICT	13.00	7.00
(iii) Benevento	3 DISTRICT	1.75	1.00
(iv) Calore	3 DISTRICT	1.25	0.60
(v) Santa Maria	P B S	5.50	2.10
LUCANIA CO.	2 DISTRICT	5.00	2.00
	TOTAL	96.50	50.35
		=====	=====
CALABRIA 60 KV SYSTEM:			
CALABRIA CO. (exclusive of Savuto Plant)	A C C	9.00	2.50
	TOTAL	9.00	2.50
		=====	=====
RAILWAYS:			
NAPLES AREA, 150 KV System	D C T S	1.00	0.70
FOGGIO BENEVENTO "	"	4.00	1.50
SALERNO - TORRE "	"	2.00	1.00
TOTAL RAILWAY LOAD on 150 KV System		7.00	3.00
CALABRIA on 60 KV System		3.00	1.50
TOTAL RAILWAYS		10.00	4.50
		=====	=====
TOTAL 150 KV at Substations		103.50	53.35
TOTAL 60 KV at Substations		12.00	3.50
TOTAL AT PLANTS		123.00	66.00

2977

11/3/51

105/3

(translation)

REGULATIONS CONCERNING THE LIMITATION
IN THE CONSUMPTION OF ELECTRIC ENERGY

VICTOR EMANUEL THE III

by the Grace of God and will of the Nation

KING OF ITALY

Having seen the Royal Decree, Law No 81 of February 12, 1942, concerning the regulation of the consumption of electric energy for light and domestic uses, converted into law on June 15, 1942, No 850 with such modifications as are embodied in the law itself;

Considered necessary to further reduce the consumption of electric energy:

Having seen article 18 of the Law, No 129, 12 Jan. 1939

Having Seen the Royal Decree No 2/B, Oct. 30, 1943

Considered that there is a state of emergency due to the war

Having heard the Council of Ministers;

Following the proposal of the Minister, Secretary of State for the Public Works, in agreement with the Ministers, Secretaries of State for Finances and for Industry, Commerce and Labor:

WE HAVE ENACTED AND WE ENACT:

DECREES = ART. I

All, without exception, consumers of electricity used for lighting of private homes, industrial plants, shops, offices, theatres, cinemas, agricultural enterprises, etc. must limit their monthly consumption of energy to the 500 of the value

2976

0641

Having seen the Royal Decree, Law No 81 of February 12, 1942, concerning the regulation of the consumption of electric energy for light and domestic uses, converted into law on June 13, 1942, No 350 with such modifications as are embodied in the law itself;

Considered necessary to further reduce the consumption of electric energy:

Having seen article 13 of the Law, No 129, 12 Jan. 1939

Having Seen the Royal Decree No 2/3, Oct. 30, 1943

Considered that there is a state of emergency due to the war

Having heard the Council of Ministers;

Following the proposal of the Minister, Secretary of State for the Public Works, in agreement with the Ministers, Secretaries of State for Finances and for Industry, Commerce and Labor:

WE HAVE ENACTED AND WE ENACT:

DECREES = ART. I

All, without exception, consumers of electricity used for lighting of private homes, industrial plants, shops, offices, theatres, cinemas, agricultural enterprises, etc. must limit their monthly consumption of energy to the 50% of the units used in the corresponding month of 1942, as they are shown in the bills issued by the supply Companies. When the consumption is measured in periods longer than a month, the units consumed in the corresponding period of 1942 will be always taken into consideration. In cases in which the consumption of energy in any period of year 1942 was, for known reasons, notably

= 1 =

below normal consumption, then the supply Companies will use for purpose of comparison as average 1942 consumption, the average consumption of other consumers of the same category.

ART. 2^o

For new consumers of energy used for lighting wired after the publication of this Decree and for all consumers for which there are no comparing 1942 records, the supply Companies, shall decide, on the basis of the consumption permitted to similar classes of consumers, the maximum monthly amount of energy that these consumers will be allowed to use.

ART. 3^o

With the consumers rest the responsibility of complying with the provisions of this Decree and to obtain from the supply Companies, such information and data that may enable them to compare their consumption.

ART. 4^o

Seven days following the date of the publication of this decree and until further notice it is forbidden;

- (1) The use of electricity, for lighting show windows, display cases and any other electric sign;
- (2) The use of electricity for whatsoever special domestic use, such as heating, kitchen, water heater, etc. with the sole exception hereinafter mentioned;
- (3) The use of electricity for the operation of Elevators.

0 6 4 3

publication of this Decree and for all consumers for which there are no comparing 1943 records, the supply Companies, shall decide, on the basis of the consumption permitted to similar classes of consumers, the maximum monthly amount of energy that these consumers will be allowed to use.

ART. 3^o

With the consumers rest the responsibility of complying with the provisions of this Decree and to obtain from the supply Companies, such information and data that may enable them to compare their consumption.

ART. 4^o

Seven days following the date of the publication of this decree and until further notice it is forbidden;

- (1) The use of electricity, for lighting show windows, display cases and any other electric sign;
- (2) The use of electricity for whatsoever special domestic use, such as heating, kitchen, water heater, etc. with the sole exception hereinafter mentioned;
- (3) The use of electricity for the operation of Elevators.

2975

ART. 5^o

The provisions of Para 2 of Art. 4 do not apply to electric kitchens for those consumers unable to use gas, limiting however their monthly consumption to a maximum of 200 Kwh. The electric companies will take the necessary steps to see that it is impossible for consumers not authorized to use it, to consume energy for domestic-electric appliances and Elevators

As provided ART. 4.

ART. 60

Every commercial user, none excepted, of electricity for purposes other than lighting, such as bars, cinemas, theatres, etc., shall reduce his monthly consumption of electricity to 75% of that consumed during the corresponding month of the year 1942, as shown in the bill issued by the supply companies. To these users apply also the same regulations, contained in articles 1 and 2 of the present Decree, indicating the manner of fixing the 1942 consumption, for comparison purposes.

ART. 70

Every user of electricity for industrial purposes, other than those listed in the preceding articles, shall apply in writing, in duplicate, to his Supply Company, not later than seven days after the publication of the present Decree asking for the continuance of his electric supply.

The supply Company will forward one copy of the application together with technical data referring to the application itself, to the Provincial Commission, appointed for this purpose as provided in Article 8.

This Commission will decide on the advisability of the continuance of power supply and will notify accordingly the interested parties.

The electric supply will be discontinued to consumers whose operations will not be considered essential, fourteen days after the date of such notice.

Where no application is received within the period of time

75% of that consumed during the corresponding month of the year 1942, as shown in the bill issued by the supply companies. To these users apply also the same regulations, contained in articles 1 and 2 of the present Decree, indicating the manner of fixing the 1942 consumption, for comparison purposes.

ART. 70

Every user of electricity for industrial purposes, other than those listed in the preceding articles, shall apply in writing, in duplicate, to his Supply Company, not later than seven days after the publication of the present Decree asking for the continuance of his electric supply.

The supply Company will forward one copy of the application together with technical data referring to the application itself, to the Provincial Commission, appointed for this purpose as provided in article 8.

This Commission will decide on the advisability of the continuance of power supply and will notify accordingly the interested parties.

The electric supply will be discontinued to consumers whose operations will not be considered essential, fourteen days after the date of such notice. 2974

Where no application is received within the period of time provided for by paragraph 1, it will be understood that the supply of power is no longer required and the supply Company will, without further notice, suspend the service.

Applications for the continuance of the supply of power shall contain: name and address of the user, brief description of industrial operations and products manufactured and installed capacity, in HP.

ART. 80

The Prefetti will appoint the Provincial Commission, provided by the preceding article 7, with head offices at the C.P.E. (Provincial Councils of Economy), with the following members:

- 1) A Prefecture Counsellor, as President;
- 2) A technical official of Genio Civile;
- 3) An official of the Provincial Council of Economy;
- 4) A representative of the producing and distributing electric companies;
- 5) A representative of the industrial companies.

In the same manner a Central Commission will be appointed with head offices at the Ministry of Public Works, with the following members:

- 1) A technical official of the Ministry of Public Works, expert in electrical matters, as President;
- 2) an administrative official of the Ministry of Public Works;
- 3) a technician appointed by the Ministry of Industry, Commerce and Labor;
- 4) an administrative official of the Ministry of Industry, Commerce and Labor;
- 5) a representative of the producing and distributing electric companies.
- 6) a representative of the industrial companies.

The Provincial Commissions will send to the Central Commission, lists of the consumers for which the continuance of the supply of electricity is considered indispensable.

Such lists shall contain the name of the user, its address and a description of its industrial activity.

- 2) a technical official of Genio Civile;
- 3) An official of the Provincial Council of Economy;
- 4) A representative of the producing and distributing electric companies;
- 5) A representative of the industrial companies.

In the same manner a Central Commission will be appointed with head offices at the Ministry of Public Works, with the following members:

- 1) A technical official of the Ministry of Public Works, expert in electrical matters, as President;
- 2) an administrative official of the Ministry of Public Works;
- 3) a technician appointed by the Ministry of Industry, Commerce and Labor;
- 4) an administrative official of the Ministry of Industry, Commerce and Labor;
- 5) a representative of the producing and distributing electric companies.
- 6) a representative of the industrial companies.

The Provincial Commissions will send to the Central Commission, lists of the consumers for which the continuance of the supply of electricity is considered indispensable.

Such lists shall contain the name of the user, its address and a description of its industrial activity.

2973

ART. 90

Within fourteen days, following the publication of the present Decree the Prefetti together with the representatives of all electric transportation public services, will examine a plan assisted by the Provincial Commission mentioned in Article 8, for the co-ordination of daily services in order to obtain the maximum possible economy in the use of electricity in such services.

Will submit this plan to the study of the Central Commission, Decisions taken by the above mentioned Provincial Commissions will be effective concerning services operating in the respective provinces, while the Central Commission will decide on the operation of interprovincial services. Also of decisions concerning provincial services communication must be given to the Central Commission.

ART. 10°

The Prefetti, within fourteen days after the publication of the present Decree, in agreement with Commission provided for by Article 8, will issue special regulations concerning the period and duration of the hours of activity of those industrial enterprises for the operation of which, under article 7, were considered essential and warranted the continuance of the supply of electric energy.

Proposals relating to the above will be dealt by the Provincial Commissions.

ART. 11°

For the duration of the present Decree minimum units of energy consumption, flat rates for installed units and any other fixed rate applied to any category of users as provided by any contract existing between the supply companies and users affected by the present Decree, will be reduced by the same percentage of reduction in the power consumption in view of the above limitations and be abolished for any period of total suspension of the supply of the electricity.

ART. 12°

to the Central Commission.

ART. 10^o

The Prefetti, within fourteen days after the publication of the present Decree, in agreement with Commission provided for by Article 8, will issue special regulations concerning the period and duration of the hours of activity of those industrial enterprises for the operation of which, under article 7, were considered essential and warranted the continuance of the supply of electric energy.

Proposals relating to the above will be dealt by the Provincial Commissions.

ART. 11^o

For the duration of the present Decree minimum units of energy consumption, flat rates for installed units and any other fixed rate applied to any category of users as provided by any contract existing between the supply companies and users affected by the present Decree, will be reduced by the same percentage of reduction in the power consumption in view of the above limitations and be abolished for any period of total suspension of the supply of the electricity.

ART. 12^o

2972

Regulations contained in the articles of the present Decree do not apply to electricity used for lighting and power by: hospitals, nursing homes and places taking care of the sick, offices and laboratories of doctors and dentists, churches, military establishments, railway services, telephone, telegraph, radiocommunication and transmission services, gas works,

aqueducts, garbage collection, bakeries for making bread, flour mills, milk collection plants, pumping stations for land reclamation.

ART. 13°

To users who fail to obey the regulations of the present Decree or who attempt in any way to make a false record of their consumption of electric energy; the supply of electricity will be discontinued, without further notice, by the supply company.

ART. 14°

The provisions of the present Decree shall not apply to:

- 1) Provinces of Sicily, Sardinia and other islands of the Kingdom.
- 2) The enterprises who, for their operations, are using electricity produced directly by them, provided their electric installations are not connected with the distribution systems. But in case their installations are or can be connected with the supply companies distribution line they will have to comply with the regulations of the present Decree and to place at the disposal of the electric companies with whom are or can be connected, any available amount of energy.

ART. 15°

The Commissions provided for by Art 8 will take decisions on all cases not explicitly contemplated by the present decree.

The present Decree comes into force on the day of its publication in the special edition of the Official Gazette.

We order everybody concerned to obey the present Decree and to enforce it as a Law of the State.

2971

to users who attempt in any way to make a false record of their consumption of electric energy; the supply of electricity will be discontinued, without further notice, by the supply company.

ART. 140

The provisions of the present Decree shall not apply to:

- 1) Provinces of Sicily, Sardinia and other islands of the Kingdom.
- 2) The enterprises who, for their operations, are using electricity produced directly by them, provided their electric installations are not connected with the distribution systems. But in case their installations are or can be connected with the supply companies distribution line they will have to comply with the regulations of the present Decree and to place at the disposal of the electric companies with whom are or can be connected, any available amount of energy.

ART. 150

The Commissions provided for by Art 8 will take decisions on all cases not explicitly contemplated by the present decrees.

The present Decree comes into force on the day of its publication in the special edition of the Official Gazette.

We order everybody concerned to obey the present Decree and to enforce it as a Law of the State.

M O T E.

The foregoing Decree, Number 93 was published in the 5 April 1944 issue of the Gazzetta Ufficiale, Serie Speciale, Number 17.

Subject:- Electric Power.

2 District (15)
3 District (15)
Peninsular Base Section (15)

1. The schedule attached to HQ, AFHQ Adm Ech, letter 59/8/42 dated 4 Feb., 44, is cancelled.
2. Revised schedule of electric power for April, 44, forwarded at Appendix "A" hereto will be operative from 1 Apr., 44.

Copy to:- ACMT
Fifth Army
Fifth Army (Br Inurement)
Main Eighth Army
Rear Eighth Army
FOWIT
FOFA
HQ TAF
HQ DAF
HQ 214 Group RAF
Adv HQ 214 Group RAF
AAFBQ/MTC
DEERS

(6) ACC
(2) Local Resources Sec(8)
(2) List "A" Flambo
(2) War Diary
(2) File
(2) (20)

Major-General,
Chief Administrative Officer.

HQ AAI (ADM Ech),
C.M.F.

213L/1/42.

1 Apr 44.

105/2
P.W. 11
Food
Training
D.C.
Travel
Shipping
Stores
Lab
File
Gen

Standard
Labor
File
Copy

QVHonne-Lal

(6)	ACC	(20)
2	Local Resources Sec	(8)
2	List "A" Flambo	
2	War Diary	(2)
2	File	
2		
2		
2		

Fifth Army
Fifth Army (Er Increment)
Main Eighth Army
Rear Eighth Army
FOWIT
FOTA
HQ TAF
HQ DAF
HQ 214 Group RAF
Adv HQ 214 Group RAF
AAFC/MTC
DCMS

2950

3 apr 14

Appendix "A" to
HQ AAI (Adm Ech) letter
2131/1/22 dated 1 Apr., 44.

ALLOTMENT OF ELECTRIC POWER - APRIL, 1944.

150 K.V. & INTER- CONNECTED SYSTEMS	RESPONSIBILITY OF	MAXIMUM PERMITTED KW X 10 ³
--	-------------------	---

APULIA CO	2 DISTRICT	38.0
-----------	------------	------

NAPLES DISTRICT	P B S	27.2
-----------------	-------	------

CAMPANIA CO:	3 DISTRICT	3.0
(i) POMIGLIANO	3 DISTRICT	11.1
(ii) SALERNO TORRE CAST.	P B S	3.6
(iii) S. MARIA		

LUCANIA CO.	2 DISTRICT	5.0
-------------	------------	-----

TOTAL	87.9
	===

CALABRIA 60 KV SYSTEM:
CALABRIA CO.

A C C	11.0
TOTAL	11.0
	===

RAILWAYS:

NAPLES AREA	DOES	1.8
-------------	------	-----

FOGGIA BENEVENTO	"	6.0
------------------	---	-----

SALERNO - TORRE	"	2.0
-----------------	---	-----

CALABRIA RAILWAY	"	3.0
------------------	---	-----

TOTAL	12.8
	===

GRAND TOTAL	111.7
	===

Subject: Electricity Control.

AFHQ Adv Adm Echelon,
CME.

59/8/02.

4 Feb 44.

To: No 2 District - (15)
No 3 District - (15) (for action when formed)
CG, Insular Base Section - (15)

1. The supply of electricity in occupied Italy is limited and strict control is essential in order that its use may be diverted to the war effort and not to waste. The attached schedule shows the limits of supply which will be made available in each area. The maximum or peak demand is shown as well as the total consumption permissible. It is necessary to ensure that these figures are not exceeded.

2. The responsibility for control must at the moment rest with the Military Commander in each area who will work in conjunction with the local AMG/ACC representative.

The permitted loads must be limited by restricting the number and size of new connections and by checking existing connections to see that they are not loaded beyond what is strictly necessary. Unnecessary loads will be cut off altogether.

So far will therefore be taken to ensure that supplies available are allocated to the essential military and civil needs. That a priority list, in which the connections are to be made, is laid down. Further, a priority list of disconnections will be prepared so that low priority consumers may be cut off, should this become necessary.

3. The Societa' Iride-Ele Electricita controls the electricity supply grid in Southern Italy. The distribution is in the hands of local supply companies. The supply by the SIE to these local companies will be controlled in accordance with allocations made by the Electric Power Committee or, in case of appeal, by the Local Resources Board.

4. You will make such arrangements as may be necessary to carry out a local system of control and it is suggested that a Committee be established in each area which would be competent to recommend to the Commander how the resources available to each area might be allotted. At the same time, it is considered essential that one officer be appointed to deal with the local supply companies in each area and that orders be issued that no person other than he shall have access to the company.

W. H. O. O. O.

Major General, AFHQ

No District - (15) (for action when formed)
CG, Insular Base Section - (15)

1. The supply of electricity in occupied Italy is limited and strict control is essential in order that its use may be diverted to the war effort and not to civilians. The attached schedule shows the limits of supply which will be made available in each area. The maximum or peak demand is shown as well as the total consumption permissible. It is necessary to ensure that these figures are not exceeded.

2. The responsibility for control must at the moment rest with the Military Commander in each area who will work in conjunction with the local AMG/ACC representative.

The permitted loads must be limited by restricting the number and size of new connections and by checking existing connections to see that they are not loaded beyond what is strictly necessary. Unnecessary loads will be cut off altogether.

Supplies will therefore be taken to ensure that supplies available are allocated to the essential military and civil needs. That a priority list, in which the connections are to be made, is laid down. Further, a priority list of connections will be prepared so that low priority consumers may be cut off, should this course become necessary.

3. The Società Gridi-Elettricità controls the electricity supply grid in Southern Italy. The distribution is in the hands of local supply companies. The supply by the SME to these local companies will be controlled in accordance with allocations made by the Electric Power Committee or, in case of appeal, by the local Resources Board.

4. You will make such arrangements as may be necessary to carry out a local system of control and it is suggested that a Committee be established in each area which would be competent to recommend to the Commander how the resources should be available to each area might be allotted. At the same time, it is considered essential that one officer be appointed to deal with the local supply companies in each area and that orders be issued that no person other than he shall have access to the company.

W. J. D. C. B.
Major General, Army
Deputy Chief Administrative Officer.

Copy to:- AGME
Fifth Army
Fifth Army (for information)
Main Eighth Army
Rear Eighth Army
FOUO
FOUO
HQ TAF
HQ TAF
HQ 2nd Group PAF
Adv. PAF
AATSC/AF

(6)
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ACC
MGS Adv
Local Resources Sec
List "A" Planbo
War Diary
File

(20)
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28/6/49
(2)

0657

ALLOTMENT OF ELECTRIC POWER		FEBRUARY 1944	
150 K.V. & INTER-CONNECTED SYSTEMS	RESPONSIBILITY OF	MAXM PERMITTED KW FROM FEB.	KWH x 10 ⁶
		KW x 10 ³	KWH x 10 ⁶
APULIA CO	2 DIST	34.0	20.4
NAPLES DIST	P B S	28.2	16.8
CAMPANIA CO			
(1) POMILIGIANO	3 DIST	2.0	1.0
(11)SALERNO TORRE CAST	3 DIST	10.0	6.6
(111)S. MARIA	P B S	3.0	1.35
LUCANIA CO	3 DIST	5.0	2.1
	TOTAL	92.2	48.25
CALABRIA 60 K.V. SYSTEM:-			
CALABRIA CO	2 DIST	11.0	3.3
	TOTAL	11.0	3.3
RAILWAYS			
NAPLES AREA	D.G. M.R.S.	1.8	.6
FOGGIA - BENEVENTO	"	6.0	2.0
SALERNO-TORRE	"	2.0	.7
CALABRIA RAILWAY	"	3.0	.9
	TOTAL	12.8	4.2
GRAND TOTAL		106.0	55.75

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