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

ACC 214/PWU

10000/150/589

AFLRB
COMMIT
JUNE 194

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

10000/150/589

AFLRB ELECTRICAL POWER
COMMITTEE
JUNE 1944 - AUG. 1945

Subject:- Allocation of Electrical Power for Military Railways, Central Italy for April 1945.

RECEIVED
P.W. & U. S/C A.C.
11 MAR 1945 214

Military Railway Service
C.M.F.
Tele: Firebox 84
Tn.A.3.(E)/15
11th March 1945.

To:- A.F.L.R.S.,
R.A.A.C.

Copy to:- Public Works & Utilities Sub-Commission,
R.A.A.C.

Reference your LRS/251B/66 of 1st March 1945.

1. The military railway load on the Central Italy Electric Power Supply is that fed from Villa Valle Substation over the railway high tension line. The present load is a recurrent one with a 2 hour period and a maximum 15 minute peak of approximately 5,000K.W. and a load factor of approximately 40% resulting in a monthly consumption of 1,500,000 K.W.H.

2. Extensions are being made to the electrified system which will result in an immediate improvement of the load factor to 60% and a monthly consumption of 2,000,000 K.W.H. This extension has been delayed due to substation repairs, which will be completed in mid - March. This power is covered by the present allotment.

3. In mid - April a further extension to the electrified system will be ready for service and an additional allotment of power is required for this purpose and the following is requested:-

Maximum	5 minute	10,000 K.W.
Maximum	15 minute	8,000 K.W.
Average load		6,000 K.W.
Monthly Energy Consumption		4,400,000 K.W.H.

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

Reference your LRS/251B/66 of 1st March 1945.

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Maximum	5 minute	10,000 K.W.
Maximum	15 minute	8,000 K.W.
Average load		6,000 K.W.
Monthly Energy Consumption		4,400,000 K.W.H.

537 Includes that now being received for this purpose

The load will be a recurrent one with a 90 minute period, and will only be reached when the railway is working to maximum capacity.

4. The further future requirements of Electric Power for Military Railways is for the electrification of a section of the Florence - Bologna line for which it is estimated a load of 3,000 K.W. maximum and a monthly energy of approximately 1,000,000 K.W.H. will be required in May 1945.

8,000
3,000
11,000
4,400,000
1,000,000
5,400,000

Major, R.E.
for Brigadier,
Director, Military Railway Service.

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

69

Agenda
Electric Power
Committee copy No 43

~~Retain~~

Transferred to
Electric Power
Committee file
Lt Col Lapper

BB Loughlin
major
5379
10/3/45

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

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P.W. & U. S/C A.C.
6 MAR 1945 214

68

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

Lt Col Kaspar
dup 10/3

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

TEL : ROME 66275

LRS/2151/72.

5 MARCH 1945

SUBJECT : Electric Power.

TO : HQ AC, Industry Sub-Commission,
Hemp Division.

Reference your HCO/406/D dated 28 FEB 45 and enclosures.

1. In view of the importance of an adequate supply of Filter Cloth used in the production of Yeast, the supply of electric power to the two factories of the INDUSTRIA COMMERCIALE TESSUTI S.A., SIENA, has been thoroughly investigated by this Section in conjuction with HQ 59 Area.

2. Herewith are details of the current rationing scheme as applicable to the a/m two factories :-

(a) S. SPIRITO: 0001 hrs - 0800 hrs
1230 hrs - 2400 hrs

Factory Working hrs: 0700 hrs - 0800 hrs
1230 hrs - 1830 hrs

(b) PONTEBRANDA: 0001 hrs - 1230 hrs
1700 hrs - 2400 hrs

Rec'd Folio 298 File 060

Factory Working hrs: 0700 hrs - 1230 hrs
1700 hrs - 1830 hrs

From the above it will be seen that the factory already has power available for more than the 16 hours requested.

3. Investigation was made into the statement that production was being interrupted owing to intermittent power supply. In view of the above rationing scheme which is operating satisfactorily, it would appear that this difficulty has now been overcome.

5389

4. The 73 CRE Works is exchanging one of the 3 HP motors at PONTEBRANDA for one of 4 HP with a view to increasing the tension which was stated to be insufficient to drive the loom.

5. From the current rationing scheme as set out above it will be seen that it is possible to work the factories 16 hours per day.

6. It would therefore appear that the difficulties experienced by you have now been resolved as far as possible and it is hoped that the production of Filter Cloth as desired will be able to be achieved.

/P.T.O....

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

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P.W. & U. S/C A.C.
MAR 1945 214

PW + U/803
67

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

LRS/215B/66.

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

TEL : ROME 66275

1 MARCH 1945

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

1. Arising out of the report on the Italian Electricity Situation as of 20 February 1945 (Central Italy) submitted by HQ AC to the meeting of the Electric Power Committee held on 20 FEB 45, it is anticipated that there will be an increased availability of power for the month of April.

2. In order that the maximum benefit can accrue to all concerned, Districts, Base Sections or equivalent formations in the Central Italy Electric Power Zone are requested to submit their demands to reach this Section by the 13th March 45 giving the total peak KW demand at hourly intervals for a consecutive period of 24 hours starting at 0001 hours.

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

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

J. L. PRESCOTT, Lt.Col., AQMG,
Acting Chief of Section (Br),
A.F.L.R.S.

70 refers

HEADQUARTERS
5 MAR 1945
A.

DISTRIBUTION

CE, AFHQ
HQ 1 District
HQ 2 District
HQ 3 District
CG, Rome Area Allied Command
USAR, ITALY
HQ, AC
HQ, AC, Economic Section
CE, PBS
HQ, Fifth Army
Electric Reconstruction Committee
Public Works & Utilities Sub-Commission, HQ AC
Chairman, Electric Power Committee.

5368

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

RECEIVED
P.W. & U.S/C A.C.
6 MAR 1945 214

68

I/RS/215B/72.

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

Lt Col Hopper
10/3

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

TEL : ROME 66275

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Heap Division.

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(b) PONTERANDA:
0001 hrs - 1230 hrs
1700 hrs - 2400 hrs

Factory Working hrs: 0700 hrs - 1230 hrs
1700 hrs - 1830 hrs

PRO FO 371 298 File 060

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5364

4. The 73 CRS Works is exchanging one of the 3 HP motors at PONTERANDA for one of 4 HP with a view to increasing the tension which was stated to be insufficient to drive the loom.

5. From the current rationing scheme as set out above it will be seen that it is possible to work the factories 16 hours per day.

6. It would therefore appear that the difficulties experienced by you have now been resolved as far as possible and it is hoped that the production of Filter Cloth as desired will be able to be achieved.

/P.T.O....

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

RECEIVED
P.W. & U. SEC. A.C.
AIR HQ. INDIA

S.J.B. LOUDEN, Major, DAQMG,
for Chiefs of Section,
A.P.L.R.S.

S.JBL/59.

Copy to :- HQ AC Economic Section.
HQ AC, Public Works & Utilities Sub-Commission.

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

RECEIVED
P.W. & U. S/C A.C.
U G M/S 1945 214

POW + U/803
67

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

LRS/215B/66.

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

TEL : ROME 66275

1 MARCH 1945

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

1. Arising out of the report on the Italian Electricity Situation as of 20 February 1945 (Central Italy) submitted by HQ AC to the meeting of the Electric Power Committee held on 20 FEB 45, it is anticipated that there will be an increased availability of power for the month of April.

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

J. L. PRESCOTT, Lt.Col., AQMG,
Acting Chief of Section (Br),
A.F.L.R.S.

DISTRIBUTION

70 refers

HEADQUARTERS
5 MAR 1945
A. G.

CE, AFHQ
HQ 1 District
HQ 2 District
HQ 3 District
CG, Rome Area Allied Command
LMR, ITALY
HQ, AC
HQ, AC, Economic Section
CE, PBS
HQ, Fifth Army
Electric Reconstruction Committee
Public Works & Utilities Sub-Commission, HQ AC
Chairman, Electric Power Committee.

5368

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

RECEIVED
P.W. & U. S/C A.C.
4 MAR 1945 214

LRS/2158/66.

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

66

Postal Address :
APO 512, ROME AREA
ALLIED COMMAND
C.M.F.

TEL : ROME 66275

2 MARCH 1945

SUBJECT : Agriculture - Electric Supply.

TO : HQ AC, Economic Section.

1. It is to be anticipated that demands will be received by Local Comds for the allocation of Electric Power for irrigation purposes during the Summer months.

2. Some of these additional power requirements may possibly be met by corresponding reductions for olive pressing, etc., but is is feared that the reduction from the stream flow, due to dwindling water supply, may cause a corresponding decrease in power availability.

3. In order that the general policy may be laid down regarding treatment of demands for power for irrigation purposes it is proposed to bring this question before the Electric Power Committee at its next meeting.

4. Will you please forward to this Section details of the normal (Apr - Nov) consumption of power for irrigation purposes by Provinces in order that the extent of the comitment may be ascertained. It is suggested that it might be advantageous for a qualified representative from Agriculture Sub-Commission to be present at the next meeting of the Electric Power Committee to answer any questions that may be raised on this matter.

Lt Col Chapek
Dep C/S

Please inform returned 9/3/45
J.B. Loudon

B.J.B. LOUDON, Major, RAOMC,
for Chiefs of Section,
A.F.L.R.S.

BJBL/ga.

5367

COPY TO:- C.E., AFHQ, Chairman Electric Power Committee.
C.E., HQ, No 1 District (Your CE 3034/1 of 27 FEB 45 refers)
HQ AC, Public Works & Utilities Sub-Commission.

Folio 10 - 2nd part refers

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

RECEIVED
P.W. & U.S/C A.C.
2 MAR 1945 214

65

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

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

LRS/215B/66.

TEL : ROME 66275

1 MARCH 1945

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

1. Arising out of the report on the Italian Electricity Situation as of 20 February 1945 (Central Italy) submitted by HQ AC to the meeting of the Electric Power Committee held on 20 FEB 45, it is anticipated that there will be an increased availability of power for the month of April.

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

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

J. L. PRESCOTT, Lt.Col., AQMG,
Acting Chief of Section (Br),
A.F.L.R.S.

DISTRIBUTION

CE, AFHQ
HQ 1 District
HQ 2 District
HQ 3 District
CG, Rome Area Allied Command
DMR, ITALY
HQ, AC
HQ, AC, Economic Section
CE, PBS
HQ, Fifth Army
Electric Reconstruction Committee
Public Works & Utilities Sub-Commission, HQ AC
Chairman, Electric Power Committee.

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

Tel.489081
Ext. 317

RESTRICTED

LWL/ao

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

Reference : 158/PWU 214

24 Feb. 45

Subject : Power allocation for the month of March 1945

To : REG.COM. SOUTHERN REGION - Attn Maj.R.A.Ryan through Regional Engineer

REG.COM. LAZIO-UMBRIA REGION - Attn Capt.E.P. Wade-Brown - through Regional Engineer

REG.COM. MARCHE-ABRUZZI & MOLISE REGION Attn Maj.Foudon - through Regional Engineer

1) - Enclosed herewith for information is copy of power allocation for the month of Marche 1945.

By command of Rear Admiral STONE,

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

1 enclosure

RESTRICTED

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

RESTRICTED

Tel.489081
Ext. 317

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

Fiche LWE/ac

63

Reference : 214/PWU 24 Feb. 45

Subject : Power allocation for the month of March 1945

To : REGIONAL COMMISSIONER SOUTHERN REGION
(Attn Reg. Engineer) LAZIO-UMBRIA REGION
TOSCANA REGION
MARCHE-ABRUZZI & MOLISE REGION
EMILIA REGION

1) - Enclosed herewith for information is copy of power allocation for the month of March 1945.

By command of Rear Admiral STONE,

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

1 enclosure

530

RESTRICTED

ALLIED FORCE HEADQUARTERS
Electrical Reconstruction Committee (Italy)
APO 512

file 61
214 P.W.O

(214)

19 February 1945

Subject : Italian Electricity Situation
as of 20 February 1945 (Central Italy)

To : ELECTRIC POWER COMMITTEE,
Allied Force Local Resources Section, RAAC, C.M.F.

1) - The operation of the interconnected electrical systems in Central Italy has been most successful. A great improvement in the maintaining of frequency and voltage of supply has been achieved in most areas due to the control of this system under the Master Control Centre in Rome.

2) - Good progress is being made in the rehabilitation of electrical generating plant and transmission systems. There will however be no additional generating capacity available for the month of March over that already shown for February.

3) - It is anticipated that a substantial increase in generating capacity will be available in Central Italy during the month of April.

W.M.LAPPER
Lt-Colonel
Elec. Reconst.
Committee (Italy)

5383

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

ELECTRICITY ALLOTMENT REQUEST
FOR MARCH.

59

DISTRICT N° I

AREA IN FLORENCE PROVINCE.

Actual load is estimated 750 KW
Pending applications are as follows:

	FACTORIES	POWER REQUIRED
Flour Mills	N° 7	95 KW
Oil Factories	" 4	20 "
Cement and Lime	" 4	215 "
Brick and tile	" 1	100 "
Lignite mines	" 2	50 "
Other factories	" 10	95 "
Total		575 KW

It is considered that a total allocation of 1200 KW would meet the most essential needs of this area.

AREZZO PROVINCE.

February allocation is 800 KW.
Power for military use is 650 KW, leaving only 150 KW for civil use.

Minimum need for this area is 1500 KW. Electricity is separately supplied by La Lama (Menchini) plant, having an output of 800 KW.

SIENA PROVINCE.

February allocation is 500 KW, which is quite insufficient for the most essential needs.
In this province there are 300 oil presses, requiring 750 to 1000 KW, only a few of which are actually running. Flour Mills, having a normal output of 100 tons/day with 90 to 100 KW, only give 17 to 20 tons/day at present, partially due to poor voltage. Besides, the military authorities are anxious to start a Serum Factory, needing 110 KW. All these essential demands could be met with an allocation of 1800 KW.

Applications have been received from Mining Division, Industry

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

Flour Mills	Nº	7	95 KW
Oil Factories	"	4	20 "
Cement and Lime	"	4	215 "
Brick and tile	"	1	100 "
Lignite mines	"	2	50 "
Other factories	"	10	95 "
Total			575 KW

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In this province there are 300 oil presses, requiring 750 to 1000 KW, only a few of which are actually running. Flour Mills, having a normal output of 100 tons/day with 90 to 100 KW, only give 17 to 20 tons/day at present, partially due to poor voltage. Besides, the military authorities are anxious to start a Serum Factory, needing 110 KW. All these essential demands could be met with an allocation of 1800 KW.

Applications have been received from Mining Division, Industry Sub Commission, A C, for a lignite Mine in Castelnuovo - the largest in Italy - for 550 KW: and for two mercury mines, in Carpineto and Abetina, stated as badly in need of maintainance, requiring 250 KW additional. Including these applications, the total need is 2600 KW.

5th ARMY AREA.

PISTOIA PROVINCE.

This area is indipendently fed by Cini Plant at Ponta a Lima whose capacity is insufficient, so that voltage is very low, and many places (as the important oil producing Montemurlo Commune) are totally lacking of electricity.

On the other hand, military demand is steadily increasing. Actual load is 200 to 600 KW. Minimum demand is 1100 KW, including 100 KW for a hospital.

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

FLORENCE PROVINCE.

Excluding the City of Florence, and the south east area included in District I (see above), the situationsis actually as follows;

PRATO. (north - west).

Actual allocation is 400 KW, In order to meet demands for military use, steadily increasing in this area too, at least 600 KW are necessary.

Prato is an important textile centre, requiring in normal times 12,000 kw. Owing to war damages demand for textile industry is actually reduced to 4,300 KW : but this matter is put off for the present.

Applications for essential needs are the following :

	Factories	Power required
Flour Mills and pasta fectories	6	75 KW
Oil factories	4	20 "
Brick and tile factories	3	165 "
Other factories	4	30 "
Total		290 "

Concidding - essential request is for 800 KW, not considering textile industry.

EMPOLI.

This area is fed by a line coming from Colle Val d'Elsa, Allocation was 200 KW in the day, and 500 KW at night, but it was cut down to 200 KW day and night about 20 days ago. This caused much trouble, especially to the oil presses running at night. Waste of olive will be limited, but not totally avoided, by a rationing scheme actually in operation.

Repairs on transmission lines have been completed lately in many agricultural and artisan villages, so that many applications have come in.

5362

	N° of factories	Power req.
Flour Mills and pasta factories	10	240 KW
Oil factories	2	25 "
Brick and tile factories	5	365 "
Workshops	13	70 "
Other fectories	20	130 "

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

Oil factories	4	20 "
Brick and tile factories	3	165 "
Other factories	4	30 "
Total		290 "

Concluding - essential request is for 800 KW, not considering textile industry.

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Repairs on transmission lines have been completed lately in many agricultural and artisan villages, so that many applications have come in.

5307

	Nº of factories	Power req.
Flour Mills and pasta factories	10	240 KW
Oil factories	2	25 "
Brick and tile factories	5	365 "
Workshops	13	70 "
Other fectories	20	130 "
Total		830 "

An increased allocation of at least 600 KW is considered essential forthis area.

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

SUMMARY.

DISTRICT	ACTUAL LOAD	REQUESTED INCREASE	REQUESTED ALLOCATION FOR MARCH.
FLORENCE	750 KW	450 KW	1200 KW
AREZZO	800 "	700 "	1500 "
SIENA	500 "	2100 "	2600 "
Total	2050 "	3250 "	5300 "

5th ARMY.

PRATO	400 KW	400 KW	800 KW
EMPOLI	200 "	600 "	800 "
Total	600 "	1000 "	1600 "

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

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

58
P.W. & U. - S.A.C.
20 FEB 1945 2/4

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

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

TEL : ROME 66275

LRS/215B/51.

18 February 1945

SUBJECT : Electric Power Allocation - MARCH.

TO : HQ AC, Public Works & Utilities Sub-Commission.

Enclosed herewith is bid for additional power received from AMG Fifth Army.

S.J.B. LOUDEN, Major, DAQMG,
for Chiefs of Section,
A.F.L.R.S.

SJBL/gs.

5308

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

COPY

HEADQUARTERS
AMG FIFTH ARMY
APO 464 U.S. ARMY

DMG/cpn

February 13, 1945

205/9

SUBJECT: Electric Power.

TO : AFLRS, Rome Area Allied Command, APO 794 U.S. Army.

1. Reference is made to LRS/215B/38 of 24 January, AMG 5th Army 205/9 of 5 February to Ration Board, City of Florence, copy attached, and their reply of 9 February 1945, copy attached.

2. It is understood that 15000 kw were requested for Florence and 3000 kw were requested for Pistoia at the Rome meeting, that both requests were refused and that 10000 kw were allocated for both, in accordance with LRS/215B/38 referred to above.

3. If this is the case, then certainly 1500 kw for Pistoia-Prato is a reasonable proportion of the total allocated to 5th Army, and should be made available forthwith.

4. If it is not the case, it is strongly recommended that an additional 1000 kw be made available to Florence for Pistoia-Prato at the earliest practicable date. No power whatever is being furnished either Pistoia or Prato by P.B.S.

For the Commanding General:

(Sgd.) FRANCIS M. WRAY
Lt. Col., CMP,
Acting Chief of Staff,
AMG Fifth Army.

Copy to: G-4, 5th Army.
15th Army Group, Civil Affairs.
P.C. Pistoia (Engr)

5394

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

COPY

HQ 77 CRE Works
C. M. F.
Ref: EM/91
9 Feb 45.

SUBJECT: Electric Power.

Engr Officer, AMG Fifth Army.

Reference your 205/9 of 5 Feb '45.

1. It is regretted that the information contained in LRS/215B/38 of 24 Jan 45 is misleading. The reference to Pistoia covers a small military load of about 120 kw for a hospital. In actual fact it is understood that this small quantity of power is being provided by P.B.S.

2. The Power Committee in ROME agreed that the allotment of 10,000 kw was to cover

a) FLORENCE City = civil and military.
b) Rest of Fifth Army Area = military only.

The application for power for civilian requirements outside FLORENCE City, which was put forward by Major Crowther, was refused.

3. The small amount of power available for civilians in PRATO is being allowed to continue, as this allotment was made some months ago.

4. My committee, therefore, regrets that your request for an additional 1000 kw for Prato - Pistoia must be refused.

(Sgd.) ~~GG~~ KENNEDY,
Lt. Col. R.E.
C.R.E. 77.
President, Florence Electricity Rationing Committee.

5302

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

COPY

HEADQUARTERS
AMG FIFTH ARMY
APO 464 U.S.ARMY

DMG/epn

February 5, 1945

205/9

SUBJECT: Electric Power.

TO : Ration Board, City of Florence.

1. Pistoia and environs have been practically without power for some time. The present source is the plant at La Lima which due to lack of water and mechanical difficulties, has been able to furnish very little power to Pistoia.

2. There are many small industries in Mensummane, Pistoia, Montemurlo, Mentale, Prato, Lamperechie etc., which require power to operate and if in operation would greatly relieve the unemployment situation as well as provide many necessary articles, such as shoes, cement, brick, tile, olive oil etc.

3. At present Prato is receiving 450 Kw from Florence which is used in great part by the military organizations billeted there.

4. Attention is invited to LRS/215H/38 of 24 January '45 which allocates to 5th Army for Florence and Pistoia 10000 Kw from 0600 to 2200 hours and 8000 Kw from 2200 to 0600.

5. Pistoia estimates their requirements to be 1500 Kw but it is believed that by careful rationing this could be reduced and that a total of 1500 Kw for all points mentioned in paragraph 2, above would take care of the most essential industries. It is therefore requested that an additional 1000 Kw be allocated for the territory North of Florence on the Prato-Pistoia circuit, and that this be increased as soon as possible.

For the Commanding General:

D.M.GAITHER,
Major, CMP,
Engineer Officer,
AMG Fifth Army.

5357

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

214

FW 3 U 357
20 FEB 1945
214

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

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

TEL : ROME 66275

LRS/215B/54.

19 February 1945

SUBJECT : Electric Power Allocations - MARCH.

TO : Public Works & Utilities Sub-Commission, HQ AC.

Enclosed herewith are bids for Electric Power received from P.B.S. and No 3 District.

S.J.B. LOUDEN, Major, DAQMG,
for Chiefs of Section,
A.F.L.R.S.

SJBL/gs.

Lt Col Lapper

Maj Pol/2

5356

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

CONFIDENTIAL

HEADQUARTERS
PENINSULAR BASE SECTION
APO 782

15 FEB 1945

AG 675 BPENG

SUBJECT: Allocation of Electric Power, March 1945.

TO : Chairman, Electric Power Committee, AFLRS, RAAC, CMF.

1. Reference is made to AFLRS' letter dated 23 October 1944, requesting that requirements for allocation of electric power be presented seven (7) days before date of meeting of Electric Power Committee.

2. Requirements for areas controlled by PBS for March 1945 are as follows:

a. Southern Italy.

1.	Naples District	40,000 Kw	22,000,000 Kwhr	611
2.	Santa Maria	5,500 Kw	2,600,000 Kwhr	611

b. Central Italy.

1.	Civitavecchia	3,000 Kw	1,500,000 Kwhr	No
2.	Leghorn Area	8,000 Kw	4,000,000 Kwhr	611
3.	Lucca Area	800 Kw	500,000 Kwhr	611
4.	Piombino	1,500 Kw	800,000 Kwhr	611
5.	Grosseto	1,500 Kw	1,000,000 Kwhr	611
6.	Larderello	1,000 Kw	600,000 Kwhr	611

For the Commanding Officer:

O. M. MADSEN
Captain, A. G. D.
Ass't Adjutant [illegible]

CONFIDENTIAL

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

5357

SUBJECT:- Allotment of Electric Power - MARCH 1945.

Chief Engineer,
3 District CMF,
Tel BASEBALL 84,
CE 6004/2.

16 Feb 45

Allied Force Local Resources Section
R.A.A.C. CMF

"Q" 3 Dist.

1. The enclosed lists detail 3 District's request for allocation of electric power for March 1945.

(Sgd.) J. STEVENSON, Major,
for Brigadier,
Chief Engineer.

JS/CC
Encl:

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

SOUTHERN ITALY — 3 DISTRICT - REQUESTED ALLOTMENT OF ELECTRIC POWER. — MARCH '45

Area Served	Permissable 15 minute peak KW x 10^3		Permissable Energy KW.Hr x 10^6		Remarks
	Allotted February '45	Requested March '45	Allotted February '45	Requested March '45	
APULIA Coy	42.00	42.00	20.00	22.00	
U.N.E.S. Coy	3.00	3.00	2.00	2.00	
Compania Coy.					
(1) Pomigliano	4.00	4.00	2.30	2.50	
(2) Salerno-Torre-Cast.	19.00	19.00	10.50	11.50	
(3) Benevento	3.00	3.00	1.50	1.70	
(4) Calore	1.50	1.50	1.00	1.10	
Lucana Coy	5.30	5.30	1.80	2.00	

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CENTRAL ITALY — 3 DISTRICT - REQUESTED ALLOTTMENT OF ELECTRIC POWER. — MARCH

Area Served	Permissable 15 minute peak KW x 10^3				Permissable Energy KW Hours x 10^6		
	Allotted February '45		Requested March '45		Allotted February '45		Requested
	0600 hrs to 2200 hrs	2200 hrs to 0600 hrs	0600 hrs to 2200 hrs	2200 hrs 0600 hrs	0600 hrs to 2200 hrs	2200 hrs to 0600 hrs	0600 hrs to 2200 hrs
Frosinone			1.00	0.5			0.496
Rieti			1.00	0.5			0.496
Veterbo			2.00	1.0			0.992
Total	4.00	2.00	4.00	2.00	1.620	0.41	1.984

NOTE:- Regional Engineer Lazio Umbria Region has requested information concerning the al
part of Rome Province not included in Rome Area Allied Command. The demand at pre
to this sector it is stated is approximately 7000 KW.

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3 DISTRICT - REQUESTED ALLOTTMENT OF ELECTRIC POWER. MARCH 1945.

Permissable 15 minute peak KW x 10^3				Permissable Energy KW Hours x 10^6				
Allotted February '45		Requested March '45		Allotted February '45		Requested March '45		Remarks
0600 hrs to 2200 hrs	2200 hrs to 0600 hrs	0600 hrs to 2200 hrs	2200 hrs to 0600 hrs	0600 hrs to 2200 hrs	2200 hrs to 0600 hrs	0600 hrs to 2200 hrs	2200 hrs to 0600 hrs	
		1.00	0.5			0.496	0.124	
		1.00	0.5			0.496	0.124	
		2.00	1.0			0.992	0.248	
4.00	2.00	4.00	2.00	1.620	0.41	1.984	0.496	

gional Engineer Lazio Umbria Region has requested information concerning the allotment to that rt of Rome Province not included in Rome Area Allied Command. The demand at present being given this sector it is stated is approximately 7000 KW.

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

056
file
Electric Pr Com.
A.F.E.R.B

HEADQUARTERS
SOUTHERN REGION, ALLIED COMMISSION
APO 394, U.S. Army
PUBLIC WORKS AND UTILITIES SECTION

16 February 1945

SUBJECT : Recommended Allotment of Electric Power

TO : Headquarters Allied Commission
Public Works & Utilities Section
Att.Lt.Col.W.M.LAPPER

I am enclosing herewith the recommended allotment of electric power for the month of March 1945 .

For the Regional Engineer :

R . A . RYAN
Maj.Spec.Res.

RAR/ws

Enclo.

5351

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

APPENDIX " B "

RECOMMENDED ALLOTMENT OF ELECTRIC POWER - MARCH 1944

AREA SERVED	RESPONDILITY OF	PERMISSIBLE 15 minute peak kWx10^3 "A"	PERMISSIBLE Energy kWh x 10^6
SOUTHERN ITALY			
APULIA CO.	3 District	42.00	22.00
APULIA CO. to UNES	3 "	3.00	2.00
NAPLES District	PBS	40.00	22.00
CAMPANIA CO:			
(i) Pomigliano	3 District	4.00	2.50
(ii) Salerno-Torre-Cast.	3 "	19.00	11.50
(iii) Benevento	3 "	3.00	I.70
(iv) Calore	3 "	I.50	I.IO
(v) S.Maria	PBS	5.50	2.90
LUCANIA CO.	3 Districit	5.30	2.00
	x TOTAL	I23.30 ✓	67.70
CALABRIA 60 kV System			
(i) Calabria Co.	AC	9.50	3.20
(ii) Crotone Plant	AC	2.00	I.30
	x TOTAL	II.50	4.50
RAILWAY			
Naples Area 150 kV System	DGMRS	I.50	I.IO
Foggia-Benevento 150 kV System	"	4.50	I.70
Salerno-Torre 150 kV System		2.00	I.IO
TOTAL RAILWAY LOAD on 150 kV System	x	8.00	3.90
Calabria on 60 kV System		3.00	I.70
Total 150 kV at Substations		I3I.30	7I.60
Total 60 kV at Substations		I4.50	6.20
TOTAL I50 kV and 60 kV	x	I45.80	77.80
Total at Plants		I70.60 ✓	90.00

MdO/GDr

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

JB/rm

55/503
(034.83

Tel.843274

RECEIVED 2/4
P.W. & U. S/C A.C.
10 FEB 1945

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

9th February 45

TO : HQ.AC. PW&U S/C (Att.Major Renton)

SUBJECT : Allocation of power

IN REPLY QUOTE : R4/ENG/700

1. Reference conversation between Major Renton - Capt. Butcher regarding allocation for power for civilian consumers in N°3 District.

2. Major Steevenson, the E&M Officer will be away for the next 7 or 8 days and no opportunity is available during that time for any discussions.

3. Capt.Butcher will be going to Naples during the next two or three days and will contact Major Steevenson personally on the subject of allocations.

4. In the meantime the allocation for Rieti Province for civilian users is 800 KW and for military 200 KW.
Will you please arrange to have the relays at Cotilia substation set at 1000 KW. At present the relays are set at 850 KW.

53/[illegible]

Lt Col Rapkin
Dep 12/2

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

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

Maj Bowen
Mr J Newton
Brit
Mate
Send to file

RECEIVED
P.W. & U. S/C A.C.
1 FEB 1945 214
LRS/215B/44.

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

31 JAN 1945

Postal Address :
AFLRS, Rome Area
Allied Command,
C.M.F.
TEL : ROME 66275

30 January 1945.

SUBJECT : Electric Power Allocations - February.

TO : HQ, AC, Public Works & Utilities Sub-Commission.

1. Enclosed herewith for your information are copies of correspondence exchanged between this Section and AMG, Fifth Army.

2. As you will see, AMG Fifth Army have been informed that it will not be possible to increase the February allocation unless an unexpected increase of generation occurs.

3. In view of the importance of the supply of power in forward areas you are, of course, taking all possible steps to increase the availability and it is to be hoped that more favourable consideration can be given to the demand of AMG 5th Army when allocations are made for the month of March.

Lt Col Rapper Inf.
R.A.F. 2/2

Maj Langdale

S.J.B. LOUDEN, Major, DA/AG,
for Chiefs of Section,
A.F.L.R.S.

SJBL/gs.

Information - no action necessary
Till March allocations are made up at which time this request should be considered.
5/11/45

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A[illegible]ED FORCE LOCAL RESOURCES SECTI[illegible]
A.F.H.Q.

Postal Address :
AFLRS, Rome Area
Allied Command,
APO 794, US ARMY

TEL : ROME 66063

REF: LRS/215B/43.

30 January 1945.

SUBJECT : Electric Power Allocation - February.

TO : AMG, Fifth Army.

1. Reference this office message ref: LRS/215B/42 of 30 JAN 45, enclosed herewith please find six copies of the electric power allocation for the month of FEBRUARY.

2. In future six copies of these monthly allocations will be forwarded to you direct.

3. Your request for additional power has been notified to Public Works & Utilities Sub-Commission, HQ AC, but unless an unexpected increase of generation takes place it will not be possible to increase your February allotment above 10,000 KW.

J. R. S.

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

SJBL/ga.

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COPY

FROM AMG FIVE ARMY 291940A

TO HQ AFLRS ROME AREA ALLIED COMMAND

GR 99 BT

REFNR 4390

RESTRICTED REFERENCE LRS/215B/40 PD NOT ADVISED PD 10,000 KW INCLUDES FLORENCE INDUSTRIAL GAS PLANT PD (AMG FIVE ARMY FOR HUME TO HQ AFLRS RAAC) STRONGLY RECOMMEND ADDITIONAL 1,000 KW FOR SMALL INDUSTRIES IN PISTOIA AND ENVIRONS AND 1,000 KW FOR PRATO INCLUDING TEXTILE AND CEMENT MILLS, TOTAL 2,000 ADDITIONAL KW BE ALLOCATED THROUGH FLORENCE PD CITE OUR 748 PD

BT

K

SENT NR 3 29/2920 47A

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P.W. & U. S/C

HEADQUARTERS ALLIED COMMISSION
APO 394
ECONOMIC SECTION

Tel. 245

ERG:lrw

53

Ref. ES/4.03

RECEIVED
P.W. & U. S/C A.C.
5 FEB 1945 214

30 January 1945

SUBJECT: Procedure for Electric Power Supply Bids

TO: ~~Allied Force Local Resources Section~~

1. Attached is copy of a letter addressed to all Regional Commissioners on the above subject.

2. In order to facilitate the implementation of this procedure, it is requested that arrangements be made with the members of the Electric Power Committee to present their bids at future meetings showing their demands under the two sub-headings:

a. military, public utility, and other purposes; and

b. industrial purposes.

HARLAN CLEVELAND
Executive Director
Economic Section

Attachment

APPROVED: _____
F. W. TOOBY
Major, R.A.
Chief, Economic Analysis Branch
Supply & Resources Division

Copies to:
AFHQ (G-5 Section)
Industry S/C
P.W. & U. S/C

Lt Col Clapper

2nd S/C is now taking an active part re elec! allocation. the attached procedure should help them.

Ray S/C

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HEADQUARTERS ALLIED COMMISSION
APO 394
ECONOMIC SECTION

Tel. 245

Ref. ES/4.03

ERG:lrw

January 1945

SUBJECT: Procedure for Electric Power Supply Bids

TO : All Regional Commissioners

1. It has become more and more apparent that a new method of procedure for bidding for Electric Power for Industrial purposes must be adopted in order to ensure that:-

a) essential industrial needs are met, and

b) the best possible use can be made by Industry Sub-Commission of the power allotted for its purposes.

2. Hitherto Military Districts have presented their military and AC/AMG demands "en bloc," with the result that an arbitrary cut has been made at the Committee meetings, whenever necessary, to conform to the supply available.

3. At the last meeting of the Electric Power Committee, held on 22 Jan 45, District Representatives were asked, for the first time, for detailed justification of their demands, and it was possible for Industry S/C representative at the meeting to argue the claims of certain plants, for power, against the bids submitted for less useful purposes. It is obvious that, in order to present the best possible case, Industry's representative must be provided with all possible information on the subject.

4. The boundaries of the Military Districts or equivalent formations, to whom allotment of Electric Power is made, bear no relation to the industrial set-up of the country. The importance of a careful study of the overall picture will, therefore, be appreciated and, when the information outlined in para 5 below is supplied, it will be possible for a considered and authoritative opinion to be presented by HQ AC at allocation meetings and more favorable results obtained for essential civilian industrial production.

5. Each Region will therefore forward to Industry S/C copies of their monthly demands for power for Industrial purposes, showing the breakdown by factories, and giving all

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pertinent details which will help in the preparation of a strong justification. Where possible, this report should include a statement of the extent to which this demand for power was accepted by the Military District or equivalent formation controlling power allocation in the area concerned. This information should reach Industry S/C by the tenth day of each month. In addition, Regional Commissioners should send to Hq AC (attention Industry S/C) any protest regarding the treatment of civilian demands for power which they wish to be taken up at higher levels.

By command of Rear Admiral STONE:

/t/ L. D.

L. D. DENMARK
Colonel, F.A.
Acting Deputy Chief of Staff
Economic Section

DISTRIBUTION:

Regional
Commissioner, SOUTHERN Region (URGENT Attn. Regional Engineer)
LAZIO Region " " " "
ABRUZZI-MARCHE Reg. " " " "
TOSCANA Region " " " "
EMILIA Region (Attn. Regional Engineer)
LIGURIA Region " " "
PIEMONTE Region " " "
LOMBARDIA Region " " "
VENEZIA Region " " "

Copies to:
Industry S/C
F.T. & U. S/C
AFHQ (G-5)
AFLRS

53[illegible]

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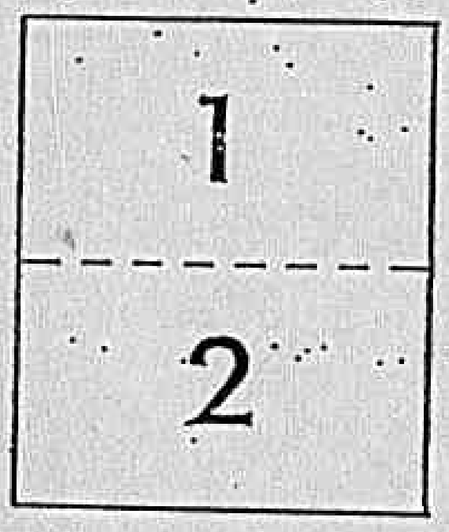
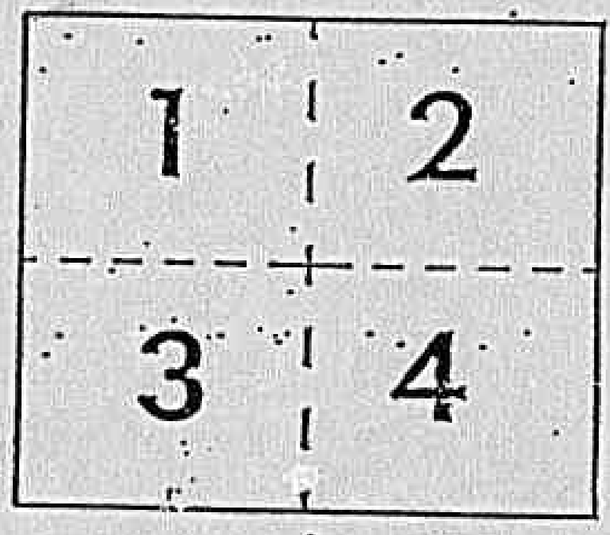
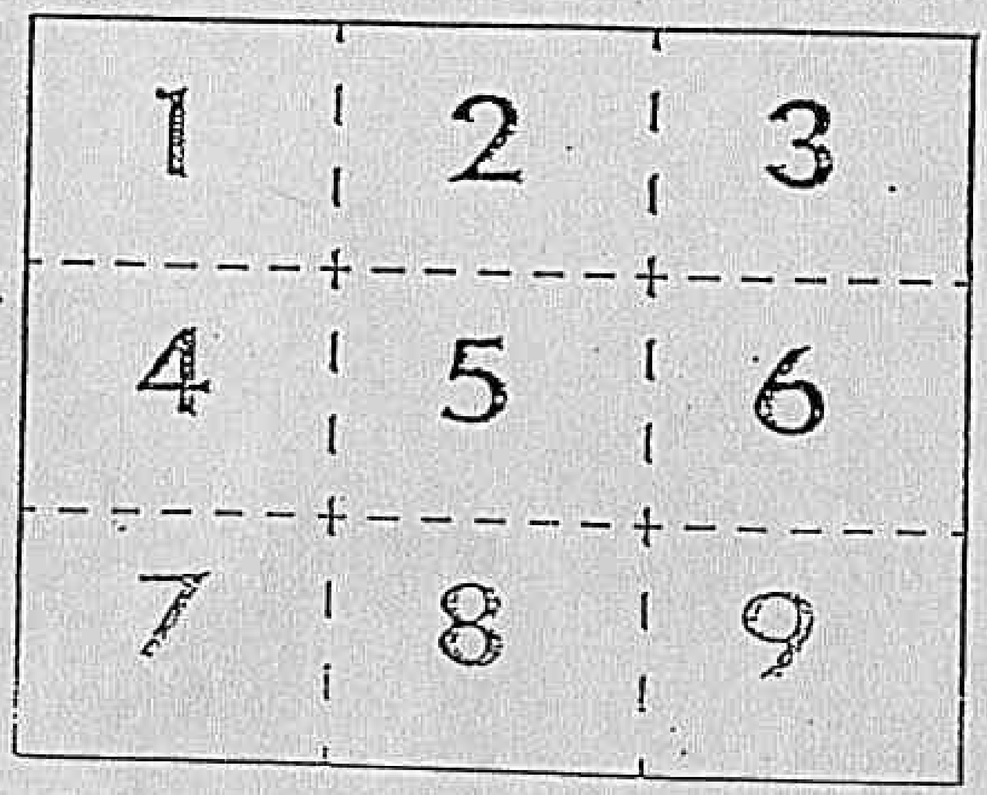
MAPS AND CHARTS TOO LARGE TO FILM
ON ONE EXPOSURE ARE FILMED CLOCKWISE
BEGINNING IN THE UPPER LEFT CORNER,
LEFT TO RIGHT, AND TOP TO BOTTOM.

SEE DIAGRAMS BELOW.







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CENTRAL ITALY ELECTRICI

MASTER CONTROL CENTRE

OPERATION PROGRAMME FOR THE MONTH

Chart showing the daily total energy available from the Central Italy Grid S

GRAPH SHOWING COMP
ALLOCATIONS FOR MONT

Total Demands Requisted by Mkt. Dis

Allocations allowed by L

KILOWATTS x 10^3

140
132
124
116
108
100
92
84
76
68
60
52
44
36
28
20

3 Dist.
Spoleto Dist.
Foligno Feeder
Terni. Dist.
Rome Area

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

Lt. Simmons
R-12

ITALY ELECTRICITY SCHEME

TER CONTROL CENTRE ROME

ME FOR THE MONTH OF 1945

Central Italy Grid System and allocation of this energy to the various services.

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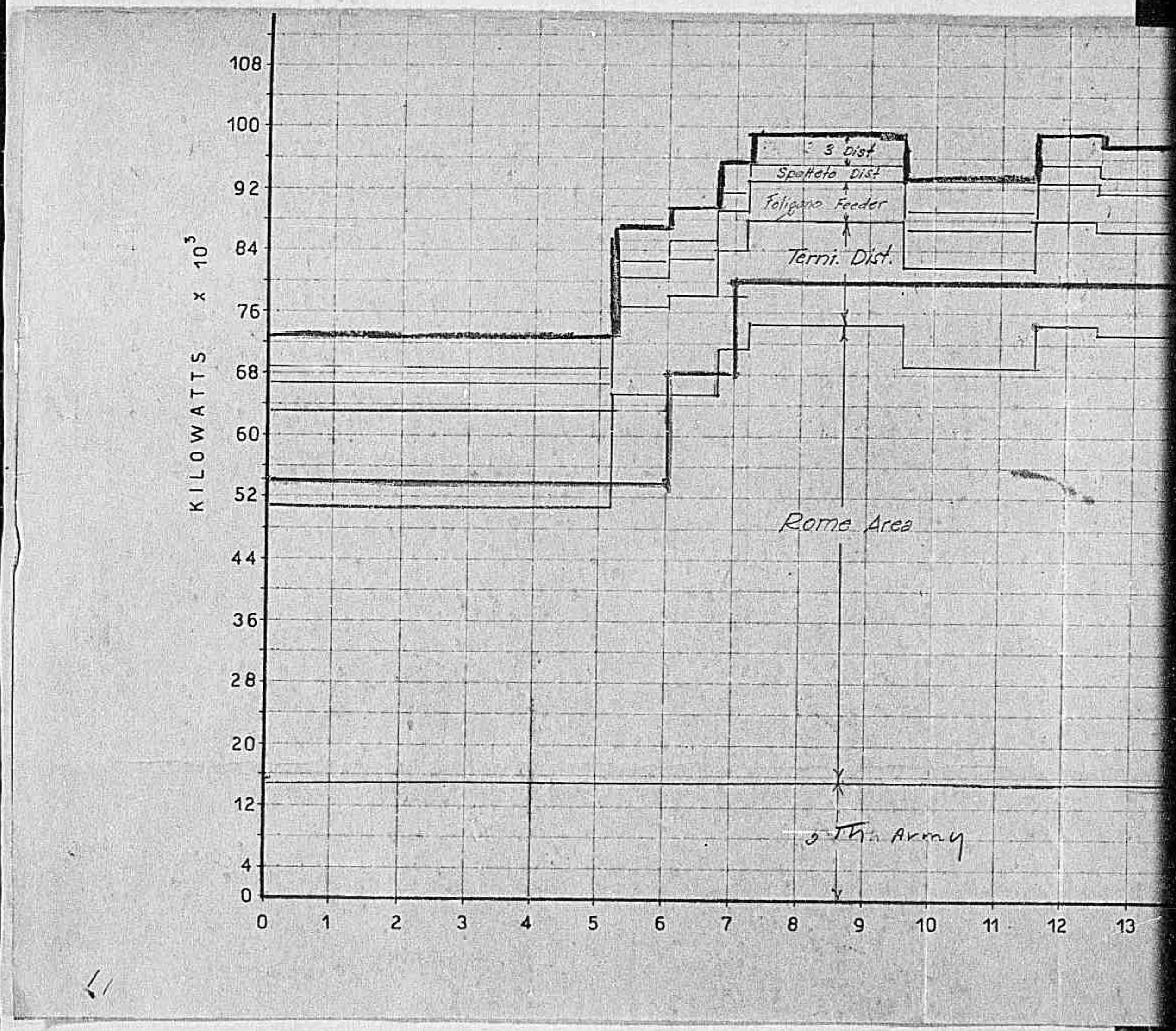

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Form AC/OP/EL/4

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P.W. & U. [illegible]
27 JAN 43 114

5341

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

Postal Address :
AFLRS, Rome Area
Allied Command,
C.M.F.
TEL : ROME 66275

LRS/215B/40.

27 January 1945.

SUBJECT : Allocation of Electric Power.

TO : HQ, AC, Public Works & Utilities Sub-Commission.

1. Enclosed herewith are graphs received from C.E., No 1 District today showing details of their February requirements of Electric Power.

Lt Col Rappenhurst
Ref 28/1

S.J.B. LOUDEN, Major, DAQMG,
for Chiefs of Section,
A.F.L.R.S.

SJBL/gs.

5341

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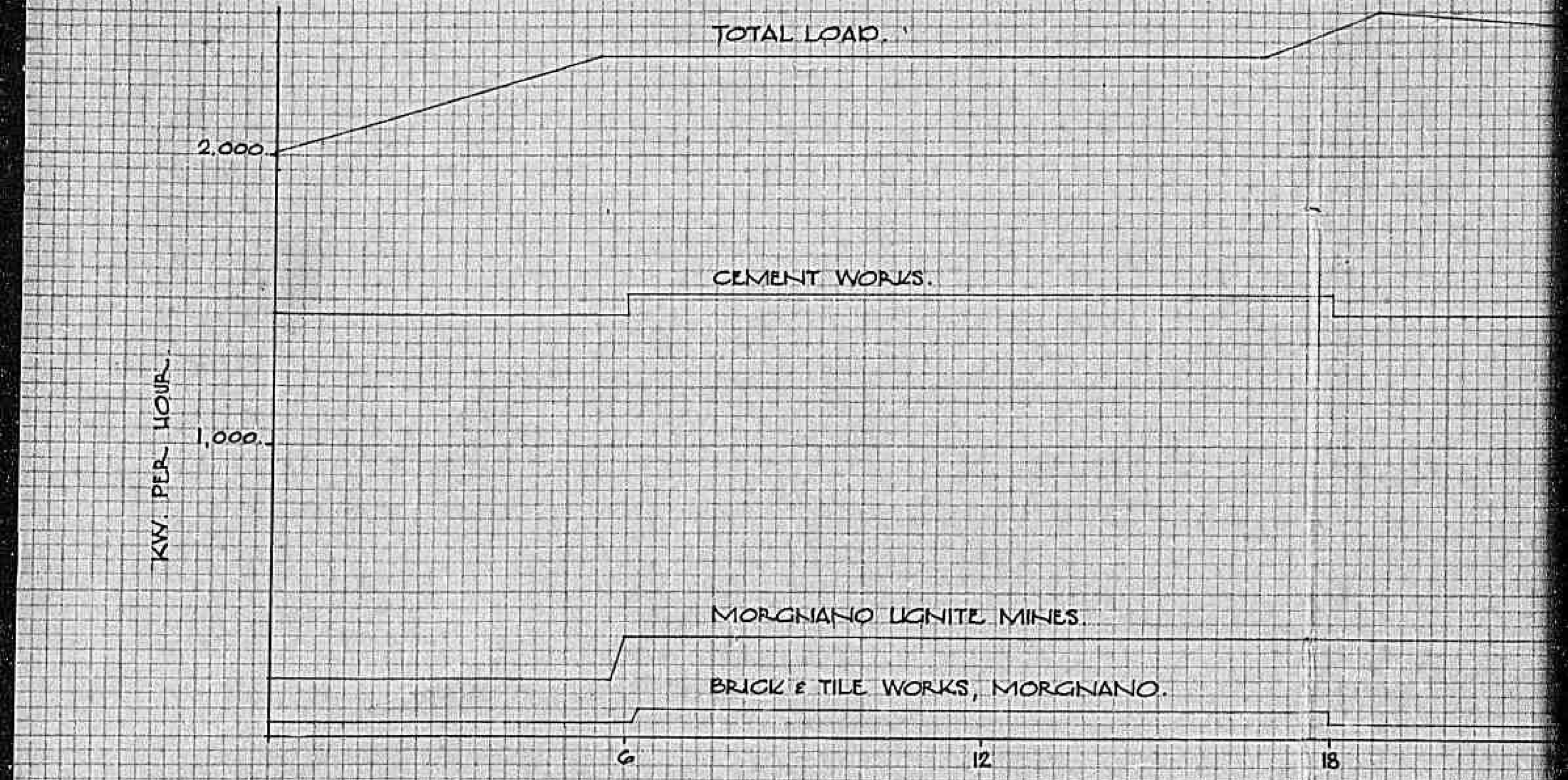
SPOLETTO DISTRICT. ALLOCATION REQUESTED PK. KW. 2,400. ENERGY (KW.H. × 10^6)



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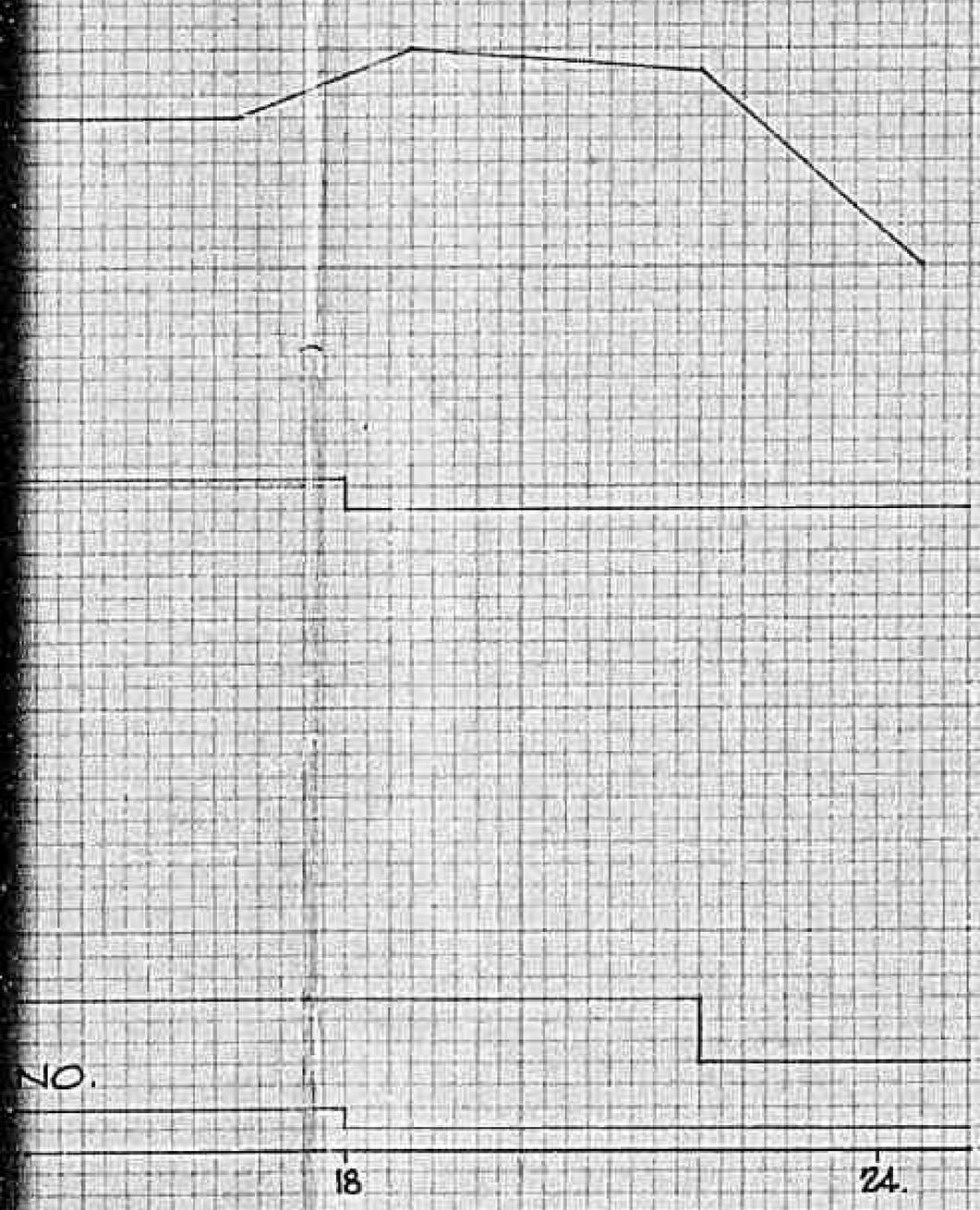
KW. 2,400. ENERGY (KW.H. × 10^6) 1·35



OTHER AUTHORISED CONSUMERS.

CIVIL HOSPITAL.	14 Kw.
WATER PUMPING.	10 "
FLOUR MILLS (on rota).	150 "
BAKERS etc., (night).	40 "
SAWMILLS (on rota).	32 "
WORKSHOPS (on rota).	42 "
MILITARY Bks.	15 "
RURAL INDUSTRIES.	200 "

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MAPS AND CHARTS TOO LARGE TO FILM
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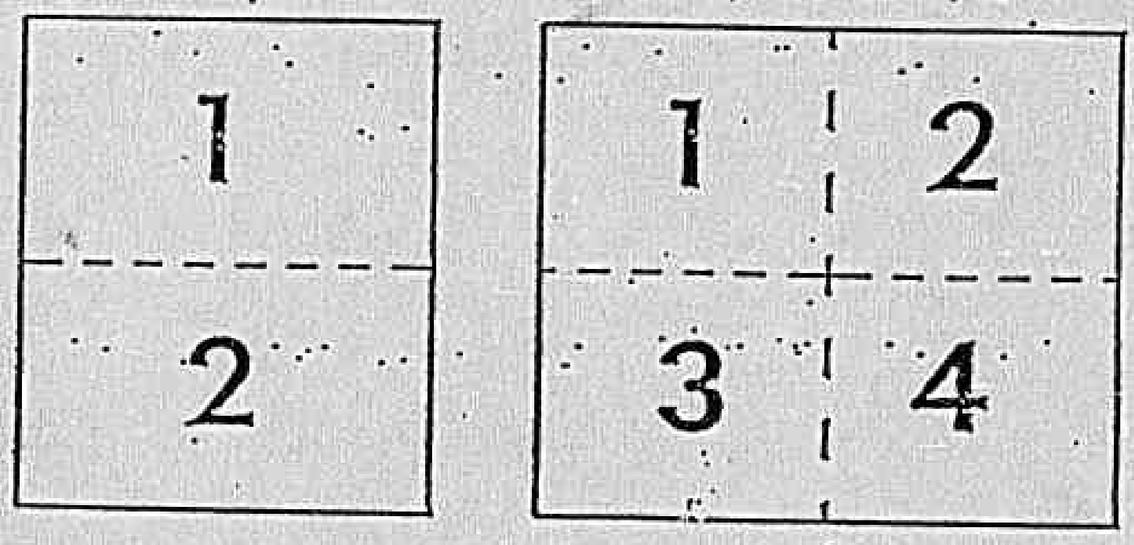

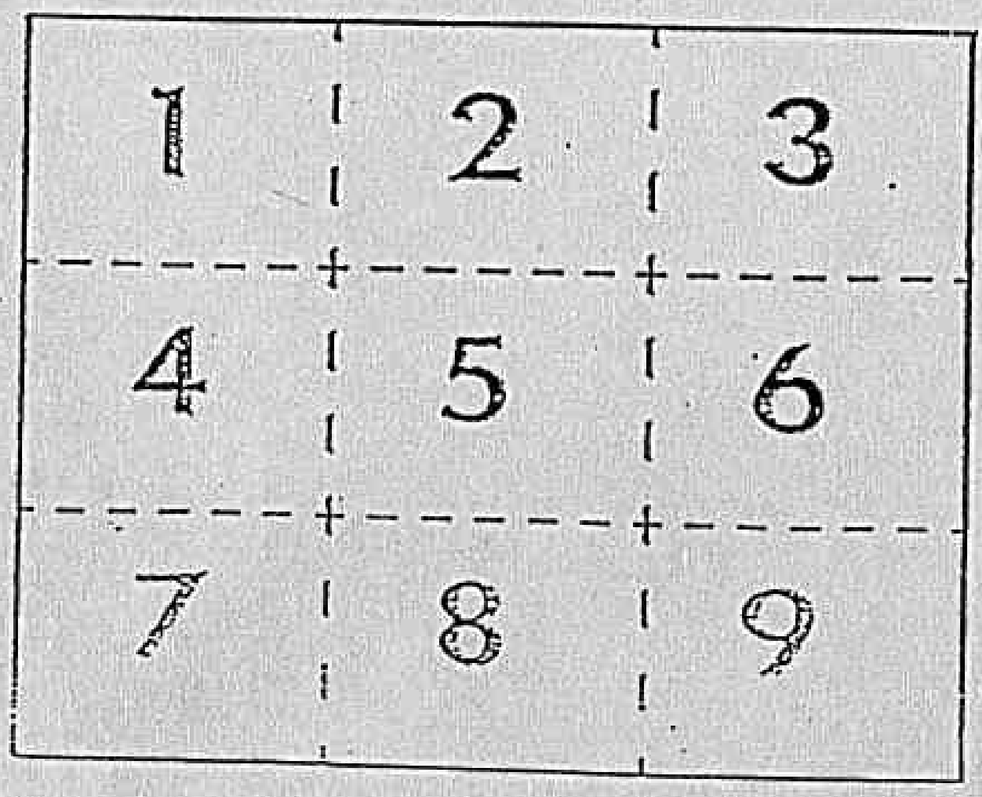

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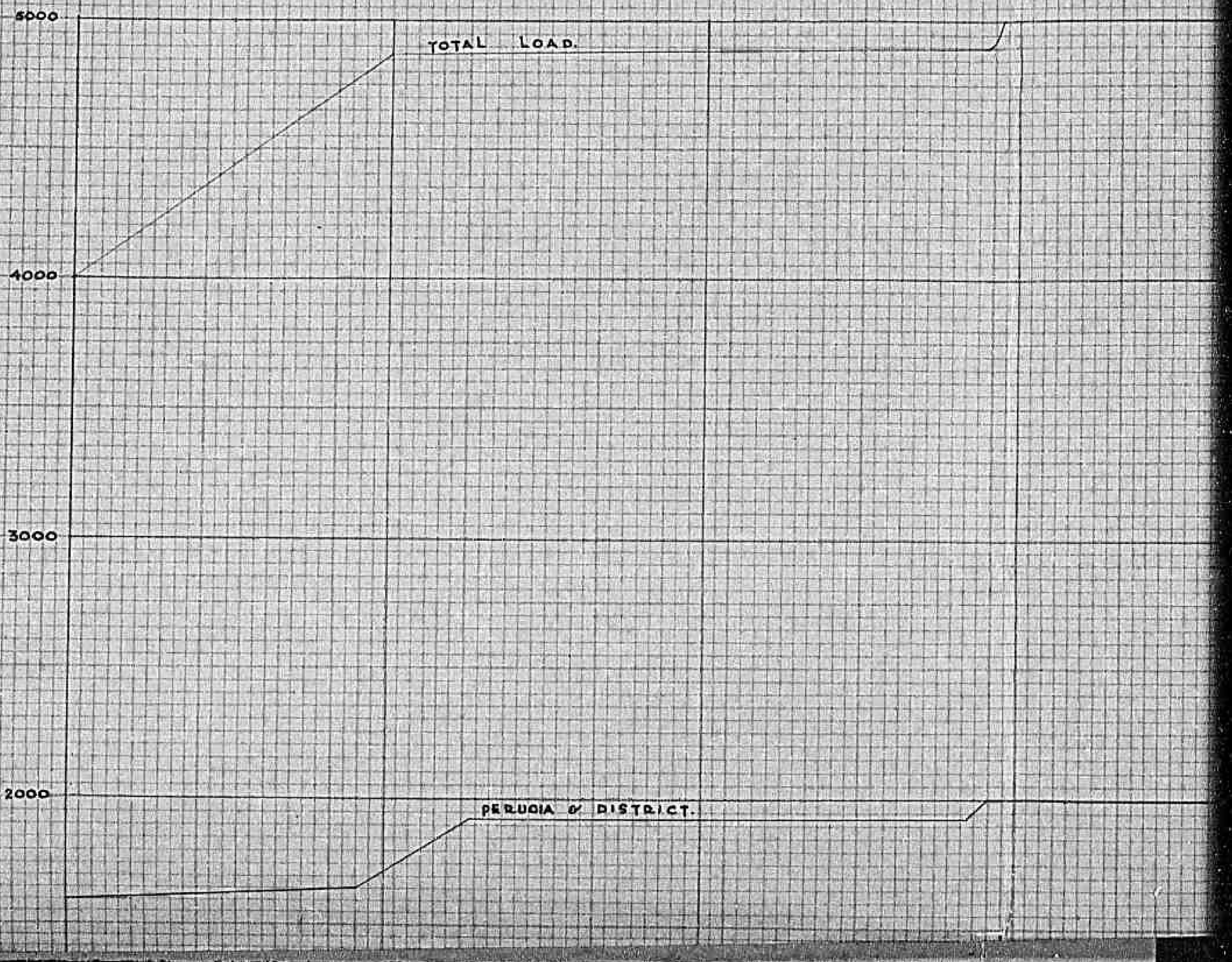
FOLIGNO FEEDER ALLOCATION REQUESTED PEAK 5000 K.W. - E



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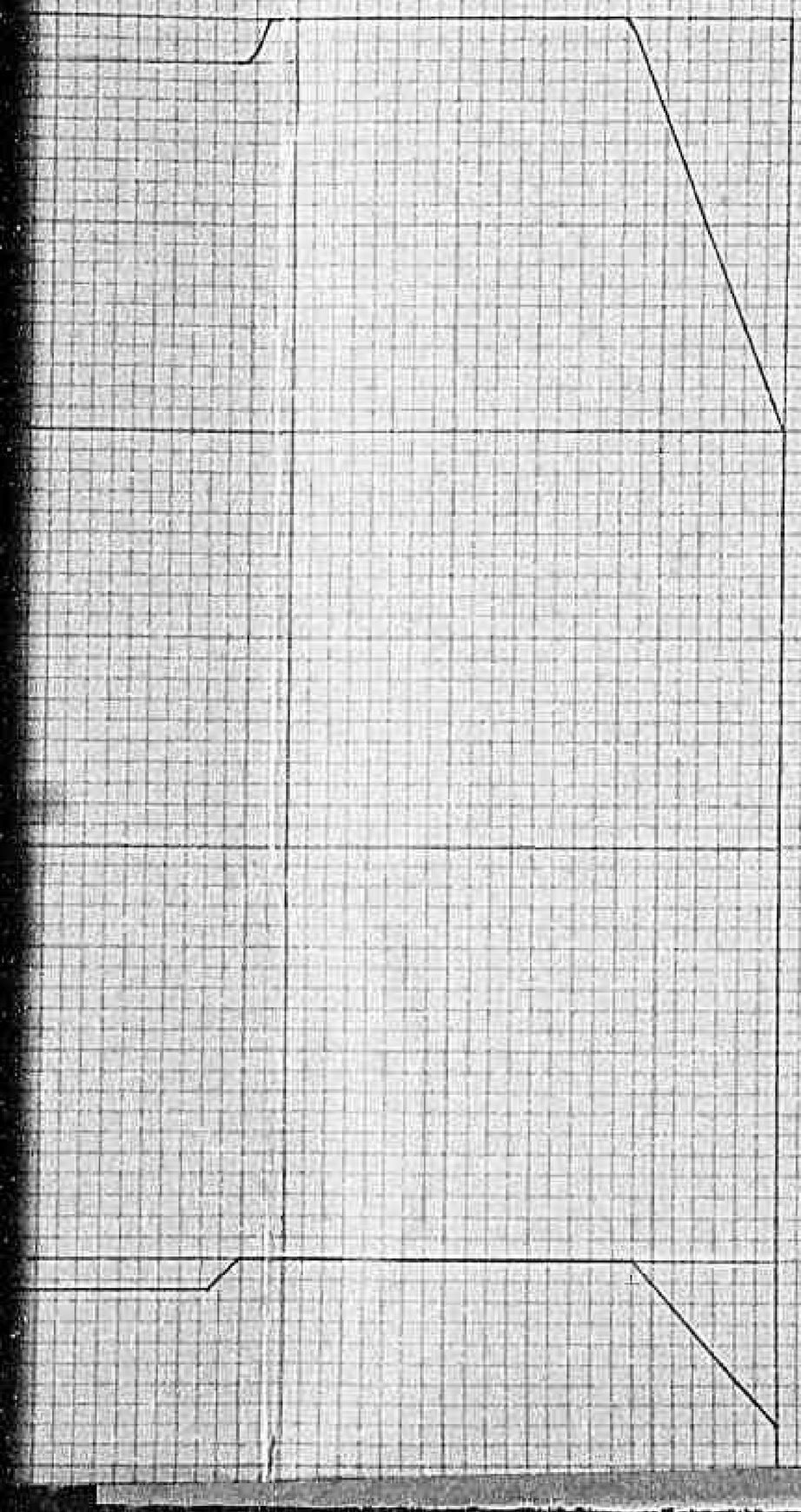
STED PEAK 5000 K.W. - ENERGY (KWH x 10^6) 3,00



AUTHORIZED MAJOR CONSUMERS.

ASSISI & BASTIA.	
HOSPITALS, MIL. & CIVIL.	100 K.W.
MILITARY INSTALLATIONS	80 K.W.
WATER PUMPING.	40 K.W.
FLOUR MILLS (On rota)	180 K.W.
COLD STORE	20 K.W.
BAKERS &c. (On rota.)	90 K.W.
SAWMILLS (On rota)	60 K.W.
PERUGIA	
HOSPITALS, MIL. &c CIVIL.	200 K.W.
MILITARY INSTALATIONS	300 K.W.
WATER PUMPING.	40 K.W.
STONE QUARRY	100 K.W.
FLOUR MILLS (On rota)	480 K.W.
BAKERS (On rota)	120 K.W.
SAWMILLS (On rota)	90 K.W.
CEMENT WORKS, MAGIONE	100 K.W.
RURAL INDUSTRIES (ON ROTA)	600 K.W.
BRICK & TILE WORKS	180 K.W.
WORKSHOPS (On rota)	400 K.W.
WOOL FACTORIES (NIGHTS)	80 K.W.
PRINTING (MIL.)	40 K.W.
POTTERIES (NIGHTS)	200 K.W. FOR MILITARY USE.
FOLIGNO	
MILITARY INSTALLATIONS	250 K.W.
WATER PUMPING	30 K.W.
COLD STORES	30 K.W.
FLOUR MILLS (On rota)	400 K.W.
BAKERS (On rota)	80 K.W.
SAWMILLS (On rota)	120 K.W.
BRICK & TILE WORKS	80 K.W.
RURAL INDUSTRIES (ON ROTA)	500 K.W.
WORKSHOPS (On rota)	200 K.W.

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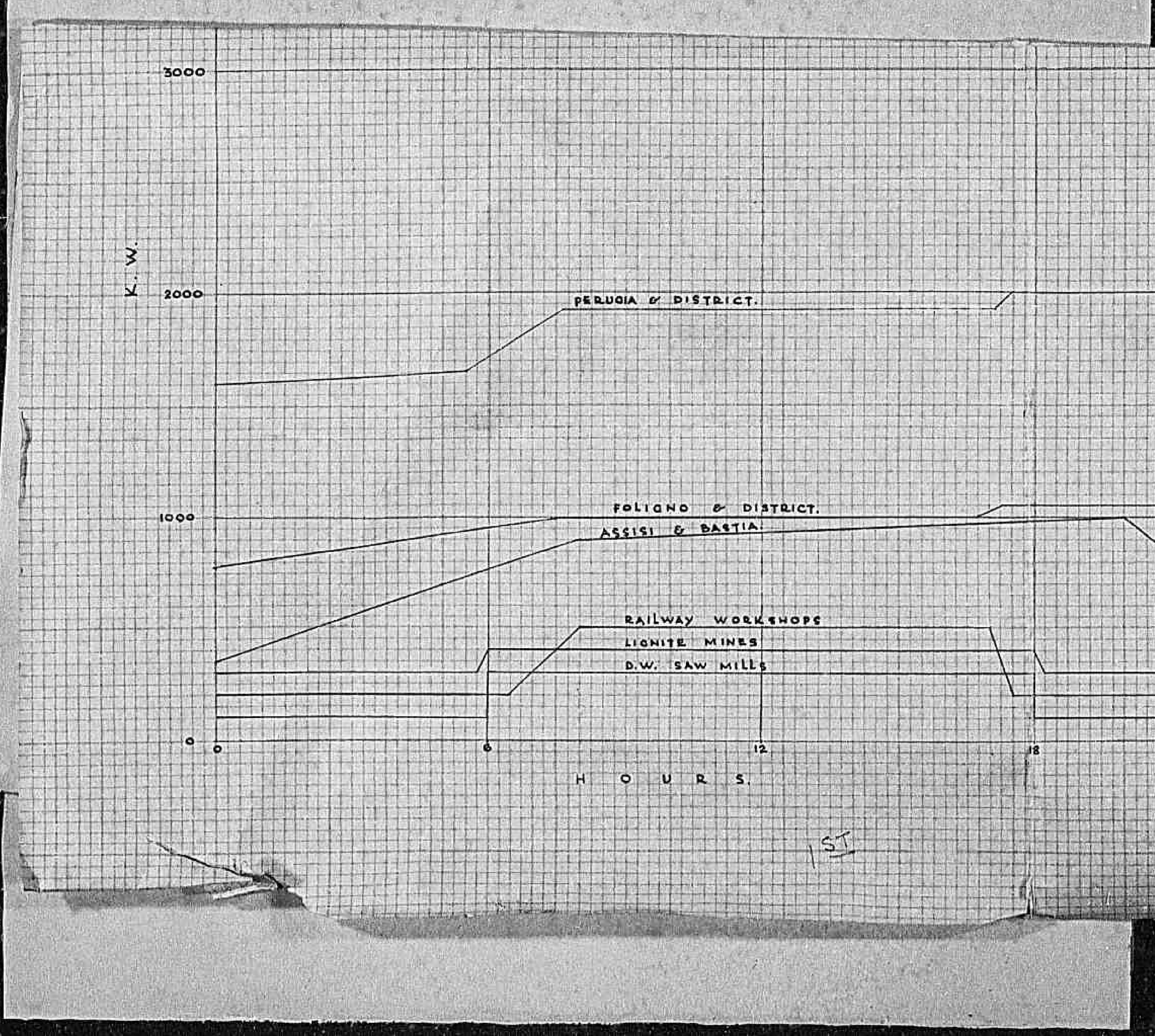

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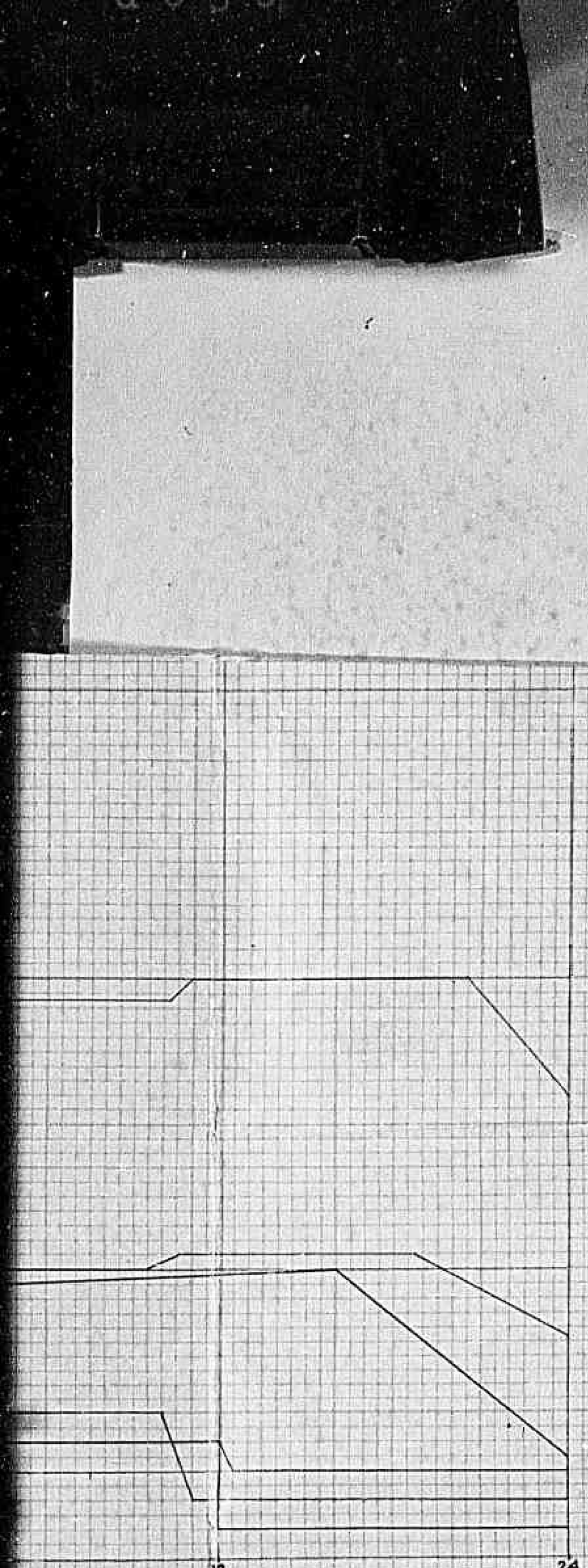

BRICK & TILE WORKS	[illegible]	
WORKSHOPS (On rota)	400 K.W.	
WOOL FACTORIES (NIGHTS)	80 K.W.	
PRINTING (MIL.)	40 K.W.	
POTTERIES (NIGHTS)	200 K.W.	FOR MILITARY USE.

FOLIGNO

MILITARY INSTALLATIONS	250 K.W.	
WATER PUMPING	30 K.W.	
COLD STORES	30 K.W.	
FLOUR MILLS (On rota)	400 K.W.	
BAKERS (On rota)	80 K.W.	
SAWMILLS (On rota)	120 K.W.	
BRICK & TILE WORKS	80 K.W.	
RURAL INDUSTRIES (on rota)	500 K.W.	
WORKSHOPS (On rota)	200 K.W.	
ALCOHOL DISTILLERY (NIGHTS)	110 K.W.	
FERTILIZER FACTORY (NIGHTS)	60 K.W.	
LIGNITE MINES	120 K.W.	

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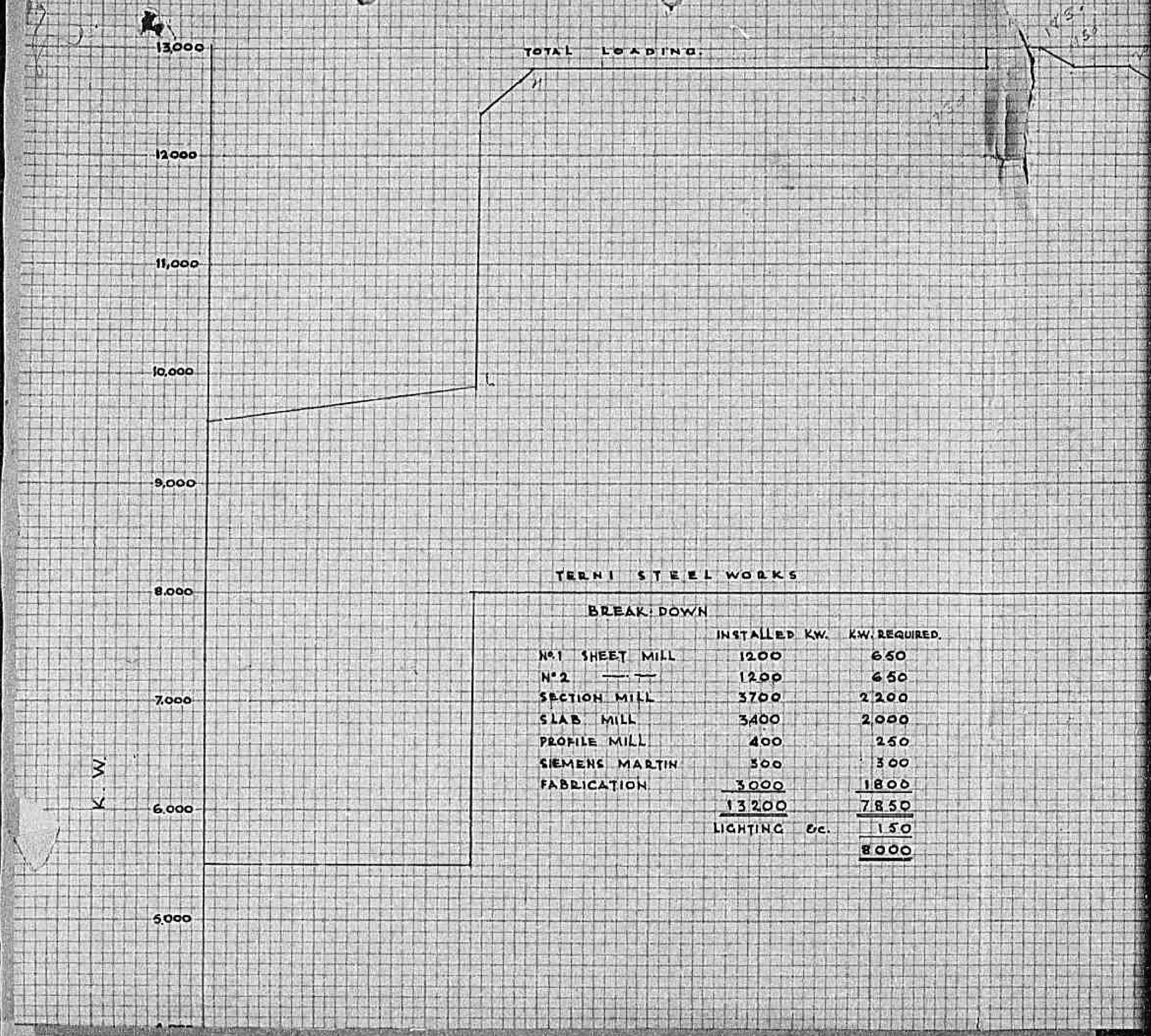
TERNI DISTRICT — ALLOCATION PEAK 15,000 K.W. - ENERGY (K.W.H.



TERNI STEEL WORKS

BREAK-DOWN

	INSTALLED KW.	KW. REQUIRED.
No. 1 SHEET MILL	1200	650
No. 2 —"—	1200	650
SECTION MILL	3700	2200
SLAB MILL	3400	2,000
PROFILE MILL	400	250
SIEMENS MARTIN	500	300
FABRICATION	3000	1800
	13200	7850
LIGHTING &c.		150
		8000

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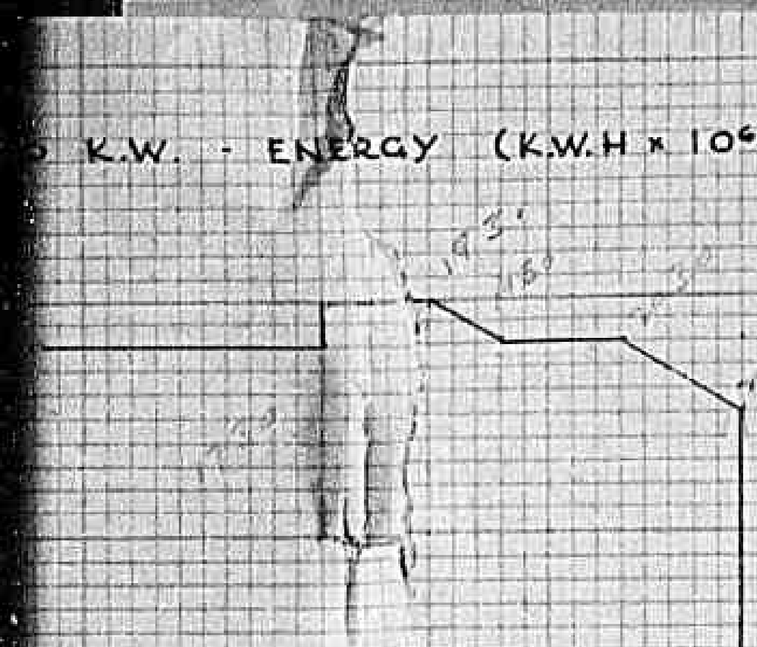
K.W. - ENERGY (K.W.H × 10^6) 8·5.



ADDITIONAL AUTHORIZED MAJOR CONSUMERS

MILITARY INSTALLATIONS	250 K.W.
INTERNEE CAMP	40 K.W.
CARBON FACTORY	150 K.W.
EXPLOSIVE FACTORY	100 K.W.
LIGNITE MINE	30 K.W.
TRAMWAYS	100 K.W.
CARBIDE WORKS (REPAIRS)	100 K.W.
FLOUR MILLS (On rota)	350 K.W.
JUTE FACTORY	110 K.W.
MISC. WORKSHOPS (On rota)	400 K.W.
BRICKWORKS	60 K.W.
RURAL INDUSTRIES (On rota)	400 K.W.
TODI LIGNITE MINES	220 K.W.

AN IMPORTANT CONSUMER OMITTED IS THE 'TERNI CARBIDE PLANT'.
IN VESTICATIONS ARE BEING MADE INTO THE POSSIBILITY OF USING THIS PLANT TO TAKE 'OFF-PEAK' SUPPLY.

K.W. REQUIRED.
650
650
2200
2000
250
300
1800
7850
150
8000

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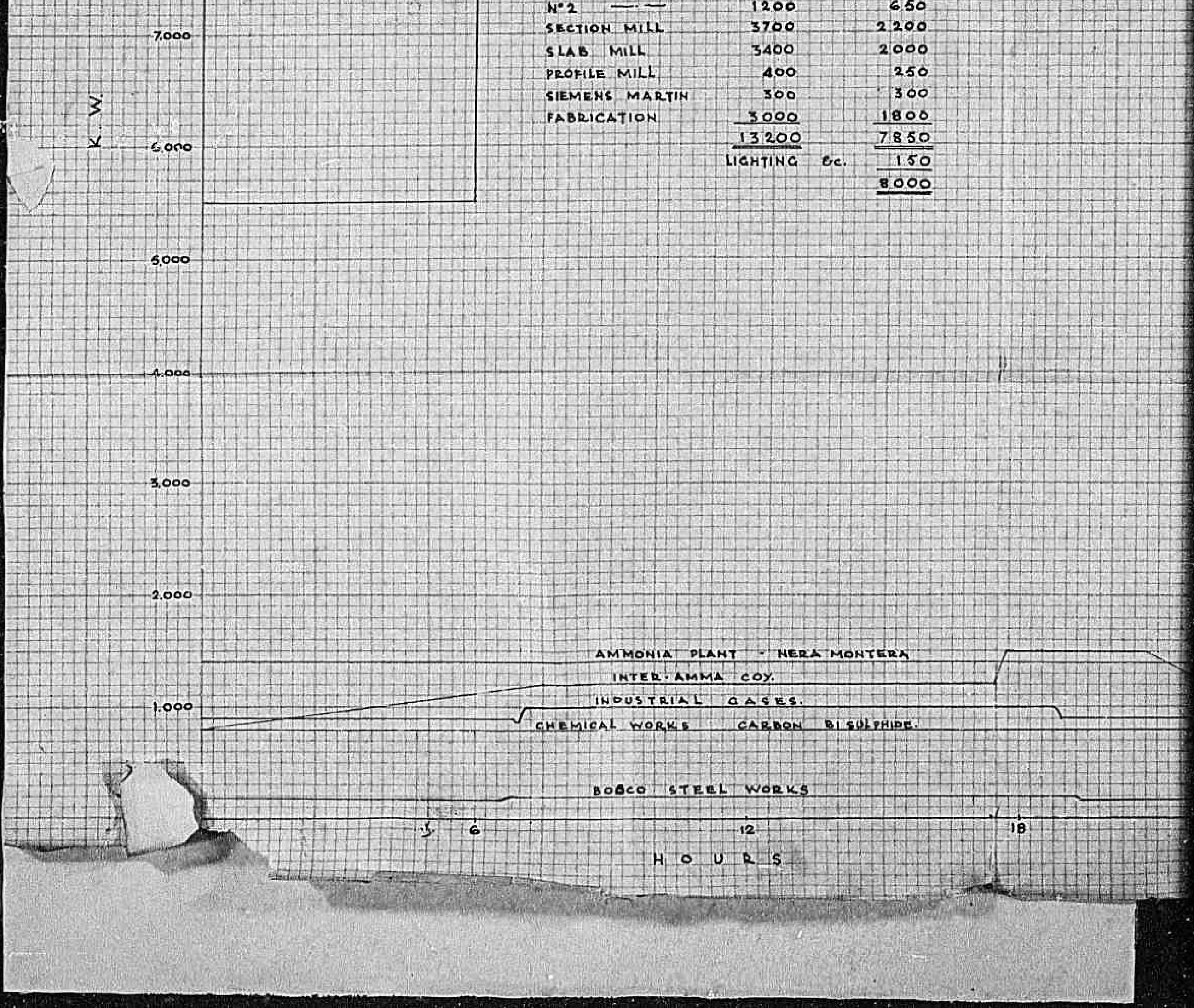
BOBCO STEEL WORKS

BREAK-DOWN

	INSTALLED K.W.	K.W. REQUIRED.
No1 SHEET MILL	1200	650
N°2 —·—	1200	650
SECTION MILL	3700	2200
SLAB MILL	3400	2000
PROFILE MILL	400	250
SIEMENS MARTIN	300	300
FABRICATION	3000	1800
	13200	7850
	LIGHTING &c.	150
		8000



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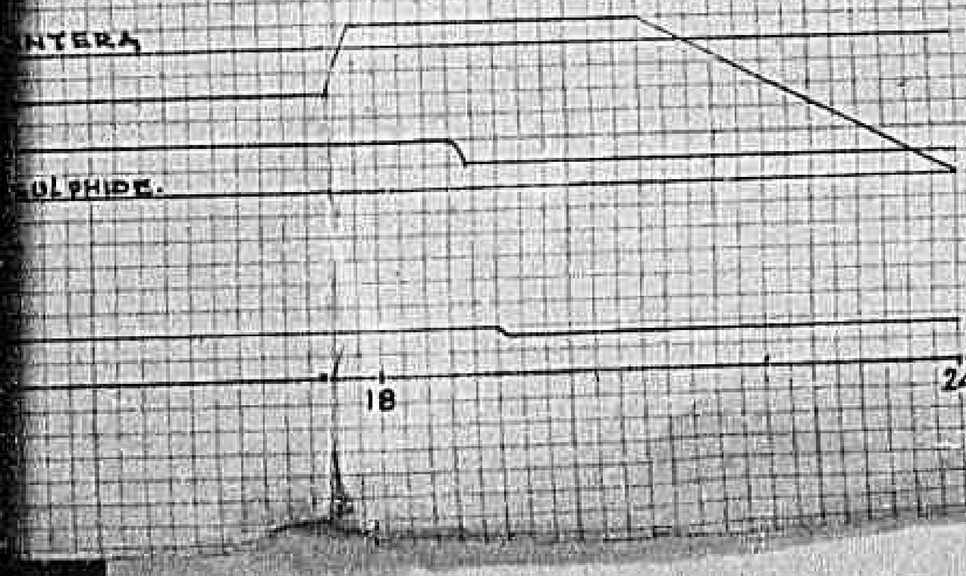
W. REQUIRED.
650
650
2200
2000
250
300
1800
7850
150
8000

AN IMPORTANT CONSUMER OMITTED IS THE 'TERNI CARBIDE PLANT'. INVESTIGATIONS ARE BEING MADE INTO THE POSSIBILITY OF USING THIS PLANT TO TAKE 'OFF-PEAK' SUPPLY.



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29 Jan 45

Attached is a listing of Industries which Ind. S.C. A.C. is vitally interested in and which was prepared by Ind. S.C. in Jan. 45 for purposes of discussion at Electric Power Committee of A.F.L R.C. (I) B.

R.L. Laughlin

533 Maple

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APPENDIX "A"

Ref. AC/5628/IND.

Name and Location of Plant.	KW peak	KWh/ Month	Hrs/ day	Date of Application	Date of Refusal	Known Local Source	Justification
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
A) Plants which require power continuously.							
1) Vetreria Sciarra Pontegaleria near Rome.	40	29,000	24	Last Application 11 Jan.45	RAAC letter 12 Jan;45		Required for ma window glass for schools.
2) Soc. Montecatini Rome-Tuscolana.	50	27,000	24	Nov. 44			For manufacture fertilizer.
3) Soc. Terni Nera-Montoro.	4,000	2,880,000	24	Dec. 44			For production required by PBS civilian needs 1) Sod. Carbona production 2) Refrigeration preserva 3) Nitric acid, PBS require ½ t operate plant a put requires 1, the power reque KW) will produc It is highly un plant at lower

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APPENDIX "A"

526/IND.

HGR/ci

KWh/ Month	Hrs/ day	Date of Application	Date of Refusal	Known Local Source	Justification for Demand	Remarks
(3)	(4)	(5)	(6)	(7)	(8)	(9)
29,000	24	Last Application 11 Jan.45	RAAC letter 12 Jan;45		Required for manufacture of window glass for hospitals and schools.	
27,000	24	Nov. 44			For manufacture of superphosphate fertilizer.	
2,880,000	24	Dec. 44			For production of Ammonia, required by PBS and essential civilian needs for: 1) Sod. Carbonate (Solvay) production. 2) Refrigeration for food preservation. 3) Nitric acid, etc. PBS require ½ ton/day. To operate plant at this low output requires 1,800 KW., Whereas the power requested here (4000 KW) will produce 4 tons/day. It is highly uneconomic to run plant at lower rates than this.	

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Continued.

Name and Location of Plant.	Kw peak	Kwh/ month	Hrs/ day	Date of Application	Date of Reprisal	Known Local Source	Justif
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
A) S.A.F.F.A.							
4) Jesi - Ancona	65	13,000	0800 -1700	Oct. 44			Match pro largest u in Libera duction i present r be mainta an import for the C
5) S.A.F.F.A. Perugia.	30	6,000	0800 -1700	Sept. 44			Match pro maintain match rat revenue.
6) Miliani Co. Fabriano - Ancona.	900	600,000	24	Not previous- ly made. 20 Jan 45		Planiolla (Mace- rata)	Required 1) Curren of Financ for AFHQ
6a) Miliani Electrolysis Castelraimondo- (Macerata).							

G.S.C.

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k	Kwh/ month	Hrs/ day	Date of Application	Date of Reprisal	Known Local Source	Justification for Demand	Remarks
	(3)	(4)	(5)	(6)	(7)	(8)	(9)
5	13,000	0800 -1700	Oct. 44			Match production. This is the largest match producing factory in Liberated Italy and its production is essential if the present ration of matches is to be maintained. This factory is an important source of revenue for the Govt.	Not yet operating.
0	6,000	0800 -1700	Sept. 44			Match production. Required to maintain present scale of match ration and as source of revenue.	Operating night only.
0	600,000	24	Not previously made. 20 Jan 45		Pimpinella (Macerata)	Required for manufacture of 1) Currency paper for Ministry of Finance and 2) Map paper for AFHQ Survey Directorate.	
						Do	

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Continued.

Name and Location of Plant.	Kw peak	Kwh/ Month	Hrs/ day	Date of Application	Date of Reprisal	Known Local Source	Just
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
A) 7) Solvay Co. Rosignano.	500	240,000	24	Not previously made. 20 Jan 45		Soc. Elettrica SELT Valdarno	Required ash, Cau mand is a) 200 K Quercet Pisa). b) 300 K Leghorn) during d stone qu 100,000 the Rosi importan and will needs fo The supp al is ma present
B) Soc. Umbra Prodotti Chimici - Collesatta.	600	400,000	24	Oct. 44 533		Galleto	For prod sulphide short su Theatre essentia tion and for both oil for

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	Kwh/ Month	Hrs/ day	Date of Application	Date of Reprisal	Known Local Source	Justification for Demand	Remarks
	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	240,000	24	Not previously made. 20 Jan 45		Soc. Elettrica SELT Valdarno	Required for manufacture of Soda ash, Caustic Soda etc. This demand is broken down as follows: a) 200 Kw at Fonte Bariano and Querceto Saltaines (Prov. of Pisa). b) 300 Kw at San Vincenzo (Prov. Leghorn) required 12 hrs. daily during daylight to operate limestone quarry. Consumption : 100,000 Kwh/Month. The Rosignano plant is the most important in Liberated Italy and will furnish all essential needs for Soda ash in Lib.Italy. The supply of this basic chemical is most essential at the present time.	Febr45
	400,000	24	Oct.44		Galleto	For production of carbon Bisulphide. This material is in short supply in the Mediterranean Theatre and production is essential for: a) grain fumigation and b) olive oil extraction for both edible oil and sulphur oil for soap production.	Febr45

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Continued.

Name and Location of Plant.	KW peak	Kwh/ Month	Hrs/ day	Date of Application	Date of Reprisal	Known Local Source	Justificat
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(
A)							
9) Pirelli - Tivoli	500 800	200,000 300,000	24 24	Oct.44			500 KW. requir Consumptions: {1 2 Additional 300 2 months bring follows: 800 K Required for m rubber tires w short supply a Italian transp
10) Cisa Viscosa Rema	600	270,000	24	Dec.44			This factory w into productio ing 900 worker synthetic text
11) Soc. Montecatini - Crotone	12,000	7,500,000	24	Oct.44			Produces Ammon phate, superph and by product required by Br ranto.
12) Ulisse Cecchi & figli Terranieri Sienna	20	14000	24	Oct-44			Manufacture of Ca Plant is ready to materials on hand let by Valdarno received.

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	Kwh/ Month	Hrs/ day	Date of Application	Date of Reprisal	Known Local Source	Justification for Demand	Remarks
	(3)	(4)	(5)	(6)	(7)	(8)	(9)
0 0	200,000 300,000	24 24	Oct. 44			500 KW. required for 1st 2 months. Consumption: {1st month 125,000 KWh {2nd " 200,000 " Additional 300 KW required after 2 months bringing totals as follows: 800 KW 300,000 Kwh/Mo. Required for manufacture of rubber tires which are in world short supply and essential for Italian transportation.	
0	270,000	24	Dec. 44			This factory will be ready to go into production on March employing 900 workers and producing synthetic textiles.	March '45
0	4,500,000	24	Oct. 44			Produces Ammonia, ammonium sulphate, superphosphate fertilizer and by product oxygen which is required by British Navy at Taranto.	Allied(?)
	14000	24	Oct-44			Manufacture of Carbon disulphide (See Ser. 8) Plant is ready to operate now & has all necessary materials on hand Power was allotted in Oct by Valdarno but has not yet been received.	Allied

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Name and Location of Plant	KW peak	KWH/ month	Hours/ day	date of application	date of refusal	known local source	Justificat
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
13. Calce e Cementi di Segni, Colleferro	1.300	750.000	24	30 Dec. 44	-	-	Cement pr
14. Cementerie Italiane di Guidonia near Tivoli	1.400	800.000	24	30 Dec. 44	-	-	Cement pr
15. Soc. Italiana dei Forni Elettrici e dell Elettrocarborium Ascoli Piceno.	150	36000	6	Jan 45	-	-	Manufactur for Calcium at TERNI

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KW peak (2)	KWH/ month (3)	hours/ day (4)	date of application (5)	date of refusal (6)	known local source (7)	Justification for demand (8)	Remarks (9)
1.300	750.000	24	30 Dec. 44	-	-	Cement production	
1.400	800.000	24	30 Dec. 44	-	-	Cement production	
150	36000	8	Jan 45	-	-	Manufactures electrodes required for Calcium Carbide production at TERNI	See B

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Name and Location of Plant.	KW peak	Kwh/ Month	Hrs/ day	Date of Application	Date of Refusal	Known Local Source.	Justificati
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(
B) Plants which require power intermittently.							
1) Polverifici Giovanni Stacchini. Bagni di Tivoli	70	17000	Day light Hrs.				Explosives ur for mining. Pl only in day li law prohibits
2) Bombrini-Parodi-Delfino Co. Colleferro.	100	25000	Day Light Hrs.				
3) Refrigeration Plant - Anzio.	40	14500	off peak	Oct.44		None	For preservati present ice i Rome which in fish and blac
4) S. A. Breda Ostia.	100	35000	Day light only			None	For manufactu implements.
5) Elettrochimica di Papigno. Terni.	10000	2400000	off peak	Jan.45		Terni	For manufactu Carbide which a) for Army — Power can be peak periods.

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	Kwh/ Month	Hrs/ day	Date of Application	Date of Refusal	Known Local Source.	Justification for Demand	Remarks/ Priority
	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	17000	Day light Hrs.				Explosives urgently required for mining. Plant can operate only in day light. An Italian law prohibits night operation.	Feb 45
	25000	Day Light Hrs.				do	Feb 45
	14500	off peak	Oct.44		None	For preservation of fish. At present ice is hauled from Rome which increases price of fish and black market activity.	April 45
	35000	Day light only			None	For manufacture of agricultural implements.	Feb 45
	2400000	off peak	Jan.45		Terni	For manufacture of Calcium Carbide which is required a) for Army - b) for mines. Power can be taken during off peak periods.	Feb 45

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Name and Location of Plant.	Kw peak	Kwh/ Month	Hrs/ day	Date of Application	Date of Refusal	Known Local Source	Justifica
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
B)							
6) Textile Factories - Prato.	9170	2272500	0600 -2100	25 Nov 44 ~~Not previously made.~~ 23 Dec 44	Dec 44		For manufact rags of whic stocks for s with employ 1200
7) Hosiery Mills Rome.	160	40000	Day light hours	17 Jan.			25 Mills in 2000 workers woollen vest available for production.
8) Filatura di Spoleto - (Perugia Prov).	500	200000	12 hrs.	Not previously made.			The second le spinning mill Italy: produc urgently requ hosiery, fish cotton is ava More than 100 given employm work during o
9) Cucirini Cantoni Coats and Filatura di Piaggione.	480	190000	12 hrs.	Not previously made.			For manufactur with employ 1200

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Kwh/ Month	Hrs/ day	Date of Application	Date of Refusal	Known Local Source	Justification for Demand	Remarks/ Priority
(3)	(4)	(5)	(6)	(7)	(8)	(9)
2272500	0600 -2100	25 Nov 44 ~~Not previously made.~~ 23 Dec 44	Dec 44		For manufacture of textiles from rags of which there are sufficient stocks for several months work. With employ 12000 workers increasing to 20000	Febus
40000	Day light hours	17 Jan.			25 Mills in Rome could employ 2000 workers in manufacture of woollen vests etc. Material are available for continuous production.	Febus
200000	12 hrs.	Not previously made.			The second largest cotton spinning mill in Liberated Italy: produces cotton yarn urgently required for weaving, hosiery, fishing nets etc. The cotton is available in Sicily. More than 1000 workers would be given employment. The mill could work during off peak period.	Febus
190000	12 hrs.	Not previously made.			For manufacture of sewing thread. With employ 1200 workers	Febus

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Name and Location of Plant	KW Peak	KWH/ Month	Hours/ Day	Date of application	Date of Refusal	Known Local Source	Justifi
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
MINES							
(a) Lignite, Lazio-Umbria Regions							This pe productio 25% imm mines no for prod
1. Pietrafitta Soc.Min.Trasimeno	200	72.000	24	Various Applications			At prese
2. S.Faustino Mine Soc.Massa Martana	75	18.000	8 hrs off-peak	do			
3. Cualdo Cattaneo Terni Co.	250	60.000	do	do			
4. Collazzone Mine Terni Co.	125	30.000	do	do			
5. Romano di Sotto Soc.Min.Torgiano	125	30.000	do	do			
6. Branca Mine Terni Co.	200	48.000	do	do			
7. DUNAROBBA ~~Bunarobba~~ Mine Dunarobba Soc.	150	72.000	16 hrs daily	do			At present
8. Casa Loto Mine Terni Co.	110	24.000	8 hrs off peak	do			
9. Corpo Reale delle Miniere (Laboratory)	5	1.000	8 hrs	do			

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KWH/ Month	Hours/ Day	Date of application	Date of Refusal	Known Local Source	Justification for Demand	Remarks
(3)	(4)	(5)	(6)	(7)	(8)	(9)
					This power will enable lignite production to be increased by 25% immediately and enable mines now flooded to prepare for production within 3-4 months	
72.000	24	Various Applications			At present allotted 50 KW	
18.000	8 hrs off-peak	do				
60.000	do	do				
30.000	do	do				
30.000	do	do				
48.000	do	do				
72.000	16 hrs daily	do			At present allotted 50 KW	
24.000	8 hrs off peak	do				
1.000	8 hrs	do				

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Location of Plant	Kw peak	KWH/ month	Hours/ day	Date of application	Date of refusal	Known local source	Present allocation Kw
Mines cont.d							
(b) Lignite Tonegna Region							
1. Castelnuovo Cec. Valdarno	550	396.000	24	various			160
2. Bibolla Soc. Montecatini	550	396.000	24	various			180
3. Murlo Mine Min. Carbon Murlo	50	24.000	16	no previous application			-
4. Remellone and Petreio Industrie Lateriai	100	48.000	16	various			50
5. Baccinello Cec. Valdarno	50	36.000	24	no previous application			
(c) Sulphur Mines							
1. Cabernardi Mine Sheet 14 R.0736 (Marche Region) maintenance operation	200	100.000	8	14 Sept. 44		Cabernardi Mine Station at Serra San Quirico	Nil
operation	500	200.000	8	13 Nov. 44			
				3 Jan. 45			
				8 Jan. 45 (to AFHQ)	8 Jan. 45		
2 Perticara Mine (Sheet 12 R8880) Marche Region Operation	300 / 50	130.000	16 / 24	13 Nov 44			Nil

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	Kw peak	Kwh/ month	Hours/ day	Date of application	Date of refusal	Known local source	Present allocation Kw	Justification for demand	Remarks
ortion									
	550	396.000	24	various			160	Lignite production in Tocoma is but a fraction of the demand and most stocks will be depleted by end of winter. Future industrial needs dupend on lignite production and therefore non operating mines must start maintenance at once to bgin a position to produce lignite when needed.	Feb 45
	550	396.000	24	various			160		
	50	24.000	16	no previous application			-		
	100	48.000	16	various			50		
	50	36.000	24	no previous application					
	200	100.000	24	14 Sept. 44 13 Nov. 44 3 Jan. 45 8 Jan. 45 (to APHQ)	8 Jan. 45	Cuberardi Mine Station at Serra San Quirico	Nil	In danger of complete destruction through fire and explosions of inflammable gases. Power for maintenance most urgently required. 500 Kw - 300000 Kwh/month eventually required.	
	500	200.000	24						
(5886)	300 / 50	130.000	16 / 24	13 Nov 44			Nil	Sulphur Production.	

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Name and Location of Plant	KW peak	KWH/ Month	Hours/ Day	Date of Application	Date of Refusal	Known Local Source	Previous Allotment
Sulphur Mines cont'd							
Formignano Mine Sheet 12 R 5359 (Emilia Region)	100	70.000	24	no previous application			Nil
Maintenance Manziana (Lazio - Umbria) Soc. Montecatini	50	15.000	16	no previous application			Nil
d) Mercury Mines							
Carpine Bolfo-reto, Siele Sheet 15 A 0867 (Toscana Region)	200	60.000	16	30 Dec.44			Nil
Abetina (Agun) Sheet 15 A 0769 (Toscana Region	150	40.000	16	30 Dec.44			Nil

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KWH/ Month	Hours/ Day	Date of Application	Date of Refusal	Known Local Source	Previous Allotment	Justification for Demand	Remarks
70.000	24	no previous application			Nil	In danger of complete flooding.	
15.000	16	no previous application			Nil	Operation to commence 1 Mar.45	
60.000	16	30 Dec.44			Nil	Maintenance of these mines is now essential Application for power was not made earlier because of the known difficult power position	
40.000	16	30 Dec.44			Nil		

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Name of Plant and Location	KW peak	KWH/ month	Hours/ day	Date of Application	Date of Refusal	Unknown Local Resource	Present Allocation	Justi
a) Pyritic Mines of Maremma (Toscana Region)								
1) Cavorrano (Sheet 15 E 4785)	600	300.000	24	no				For
2) Niccioletta (Sheet 15 V 3294)	100	15.000	8	Previous demand have been made				For
3) Boccheggiano (Sheet 13 V 5994)	200	35.000	8					For
4) Lavi Merchi (Sheet 15 E 4883)	100	20.000	24					For
b) Tin Mines								
Monte Valerio, near Campiglia Marittima (Toscana Region)	250	40.000	8	no previous demand				For

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

...mand	KWH/ month	Hours/ day	Date of Application	Date of Refusal	vKnown Local Resource	Present Allocation	Justification for Demand	Remarks
...000	300.000	24	no				For pumping. Mine is now flooded	Feb 45
...00	15.000	8	Previous demands have been made				For maintenance	
...00	35.000	8					For maintenance	
...00	20.000	24					For pumping. Mine is now flooded	
...50	40.000	8	no previous demand				For maintenance	

10

5323

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

RECEIVED
P.W. & U. SC A.G.
18 JAN 1945
20

HEADQUARTERS
SOUTHERN REGION ALLIED COMMISSION
PUBLIC WORKS & UTILITIES SECTION
APO 394

49

16 January 1945

SUBJECT : RECOMMENDED ALLOTMENT OF ELECTRIC POWER

TO : HEADQUARTERS ALLIED COMMISSION
PUBLIC WORKS & UTILITIES SECTION
ATTENTION LT. COL. W. M. LAPPER

1. I am enclosing herewith the recommended allotment of electric power for the month of February 1945.

For the Regional Engineer :

R. A. RYAN
Major Spec. Res.

RAR/rb

Enclo.

532

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

RECEIVED
JAN

Rec'd 0/

37,900
28,000 mix ant RR,

Cem 14,000

8000 Rec'd (13,200) Sundries
16 hr Days
15-04 ammo: 24 hr
1000 Ind. Gas Op + Rec'd
800 C, Rio
400 Borneo
1000 Jacket & mfgrs
200 Ammo
40 Cup
150 Carbon Fouling
100 Copper Jacket
100 tubing Lehmann
100 Carbide works. mfgrs.
300 F. La mesa
810
4000 Ln

402

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

RECOMMENDED ALLOTMENT OF ELECTRIC POWER - FEBRUARY 1945.

AREA SERVED	RESPONSIBILITY OF	PERMISSIBLE 15 Minute Peak 3 KW x 10	PERMISSIBLE EMERGY KWH x 10^6
SOUTHERN ITALY			
APULIA CO	3 DISTRICT	42.00	20.00
To UNES	"	3.00	2.00
	P B S	38.00	20.00
NAPLES DISTRICT			
CAMPANIA CO.	3 DISTRICT	4.00	2.30
(i) Pomigliano	"	19.00	10.50
(ii) Salerno-Torre-Cast.	"	3.00	1.50
(iii) Benevento	"	1.50	1.00
(iv) Calore	P B S	5.50	2.60
(v) Santa Maria	3 DISTRICT	5.30	1.80
LUCANIA CO.		121 .30	61.70
CALABRIA 60 KV SYSTEM			
(i) Calabria Coy.	AC	9.50	3.20
(ii) Crotone Plant	AC	2.00	1.30
		11.50	4.50
RAILWAYS			
NAPLES AREA	150 KV System DMR	1.50	0.70
FOGGIA BENEVENTO	150 KV " DMR	4.50	1.50
SALERNO-TORRE	150 KV " DMR	2.00	1.00
TOTAL Railway Load 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		129.30	64.90
TOTAL 60 KV at Substations		14.50	6.00
		143.80	70.90
TOTAL at Plants		168.00	83.00

o o o o o

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

R.A.A.C.

city water pumps	2000	
~~600~~ meat storage	2500	
air fields	340	
embassies	2 ocns	
P.W.B. penitentiary	5000	
Hospitals Am & C		51
telephone	1000	
Stadia Sanit.	4300	3/4 cig ent 7/4
tractian	4000	
Iron foundry Ill	800	120
Breda Ill	2500	45
Bridge port	150	165
Pontano Richm. Ill	1600	
D. A D A S Ill		
incl Hotels (52)	1000	
Military interests	4700	
Aldx. Club	1100	
Manufactures:		
Batches steam mill, elec.	5000	
Gas works	1200	
Indian Light &	3700	
Power Dam.	3500	
	47000	

Allied Force Local Resources Section

AFHQ

Allotment of Electric Power

For the Month of February 1945

Area served and responsibility of	Hours 0600 to 2200		Hours 2200 to 0600	
	KWH x 10^6	KW x 10^3	KWH x 10^6	KW x 10^3
District I				
Terni				
Spoleto				
Perugia & Foligno				
Ancona				
AREZZO				
Siena &				
ORVIETA				
TOTAL District I	8.32	22.0	3.03	15.0
District III				
Ceprano				
FROSINONE				
RIETI				
Vieterbo				
TOTAL District III	1.62	4.0	.41	2.0
5th Army				
Florence				
Pistoria				
TOTAL 5th Army	4.05	10.0	1.61	8.0
Penbase				
Littoria				
Civitavecchia			532	
TOTAL PENBASE	.81	2.0	.41	2.0
ROME. A.A.C				
Rome [illegible]				

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

Spoleto				
Perugia & Foligno				
Ancona				
AREZZO				
Siena				
ORVIETA				
TOTAL District I	8.32	22.0	3,03	15.0
District III				
Cepirano				
FROSINONE				
RIETI				
Vieletbo				
TOTAL District III	1,62	4.0	,41	2.0
5th Army				
Florence				
Pistoria				
TOTAL 5th Army	4,05	10.0	1,61	8.0
Penbase				
Littoria			532	
Civil-avecchia				
TOTAL PENBASE	,81	2.0	,41	2.0
ROME. A.A.C				
Rome Area				
TOTAL R.A.A.C	19,85	48.0	5,04	25.0
Military Railway				
DMR				
TOTAL DMR	1,98	5.0	1,00	5.0
TOTAL	36,63	91.0	11.60	57.0
Terni Carbide				
Carbide factory (which will come off in case of failure to Gallero).	4.0	10.0	3.0	15.0

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

Rome	50,000
Florence	10,000
Pichon	1000
Rail M.G.S	5000
Dist I	15000
	81,000

	0600/2200	2200/0600
Dist I	22,000	15,000
RAP C	48 000	25000
Dist III	4,000	2000
PIO S	2,000	2000
5th Army	10,000	3000
M.G.S	5,000	5000
	~~56,000~~	5325
	91,000	57,000

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

22

4
16
28
128
32
448

448
22
896
896
98.56

448
4
1792

448
2
896

3
448
48
35.84
1792
21.504

24
448
36
2688

4
448
94
448
4032
40768

28
28
308
10,000
15.40
8
000

4.00
400

90
9
.81

9.8
98
8.82

1.80
18
1.62

21.50
215
2035

24
448
2240

3
9.80
1.80
4.50
.90
21.50
2.20
40.70

32
8.82
1.62
4.05
.81
20.35
1.98
37.63

4.62
462
415.8

22
22
.55 8

2.46
246
2.214

24.42
3
11 3.64

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

3.896
448
48
35.84
792
21.504

24
448
2240

2.20 1.98
40.70 37.63

24
448
32
2688

448
94
448
4032
4076.8

98
98
8.82

1.80
18
1.62

4.62
462
415.8

62
62
.558

2.20
220
1.98

2.46
246
2.214

4.5
40
405

90
9
.81

28
28
308
10,000
15.40
308
4120,000

2115
215
2035

308
2000
616000

308
8
2464,000

308
25
15.40
616
7100,000

308
57
2.1
15.40
17.556

16
7.70
77
6.93
1.524
15
1.524

3 1
4.62
.62
2.46
.62
7.70
1.54
17.56

4.62 4.62
.56 .50
2.21 2.00
.56 .50
6.93 6.24
1.58 1.24
15.80 14.12

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

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

Name of Land	0700/2200	2200/0700
Florence.	10.000	10,000
Prà Fontà	150	150
Terni	11 000	14,000
Spoleto	2000	2,000
Rieti & Rieti	4000	5,000
Aversa	2000	3,000
Aversa	1000	1,000
Aversa	500	520
Sessa	1000	1,000
Aversa & Sessa	1000	400
Rail yard	5000	5000
Capua	1500	—
201 Base Comm Area	150	500
Cisterna	3000	5000
	2000	3700
Litorio	2000	3000
Cisterna	2000	3875 0
Rome (1)	8700	5327½
	910	
	45300	54250

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

4

28

8

224

1,79
179
1611

3,36
336
3024

4240
40

3,64
364
76

324
15
1120
224
3360

5760
56
504

1,12
112
1008

3,36
.45
1,79
.45
5,60
1,12
12,77
127
11,50

3,05
.41
1,61
.41
5,04
1,00
11,50

4,16
416
3644

224
2000
448000

224
8
1792,000

224
25
1120
448
5600

224
1
1120

224
57
1568
1120
12768

37,63
36.
1,63
50
1,13
52
83

20,35
50
1985

32
8,52
19,85
1,62
4105
,81
1,98
3643

5,76
56
504

2,21
221
1989

6,93
693
6237

1,38
138
1242

	KW	KVT 0600/2200	KVT 2200/0600
District I			
Terni			
Spoleto			
Perugia & Foligno			
Ancona			
ARE 220			
SIENA			
ORVIETA			
		22000	15000
Florence Area (5th Army)			
Florence			
Pistoria			
		10000	8000
District III			
Ceprano			
Frosinone			
Rieti			
Viterbo			
		4000	2000
Penbase			
Littoria			
Civitavecchia			
		5329	

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

Ancona		
ARE220		
SIENA		
ORVIETH		
	22000	15,000
Florence Area (5th Army)		
Florence		
Pistoria		
	10000	8,000
District III		
Ceprano		
Frosinone		
Rieti		
Velterbo		
	4,000	2000
Penbase	5329	
Littoria		
civitavecchia		
	2000	2000
RAAC		
	48000	25,000
MGS		
	5,000	5000
TOTAL	91,000	57000

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

F R O S I N O N E

CIVIL CONSUMERS

Manufacture Asphalt	50 Kws
Cement Factories (2)	1600 "
Printing	2 "
Signaling Italian State Rly .	5 "
Railroad Fiuggi	150 "
Cereal mill	200 "
Saw mill	70 "
Furnace	100 "
Oil mills	320 "
Acqueduct	120 "
Light	310 "
Milk production	40 "
	2967 Kws

MILITARY CONSUMERS

99 Gen.Hosp.Anagni...	35 Kws
Jewish Bde.....	10 "
R.A.Training Centre..	5 "
57 Area	5 "
	50 Kws

2967 Kws
+ 50
TOTAL 3017 Kws

L I T T O R I A

CIVIL CONSUMERS

Artisans	700 Kws
Consorzio Bonifiche	500 "
Light	1300 "
Oil mills	350 "
[illegible]	300 "

MILITARY CONSUMERS

No information

5329

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

Railroad Tiuggi	150 "	50 Kws
Cereal mill	200 "	
Saw mill	70 "	
Furnace	100 "	2967 Kws
Oil mills	320 "	+ 50
Acqueduct	120 "	TOTAL 3017 Kws
Light	310 "	
Milk production	40 "	
	2967 Kws	

L I T T O R I A

CIVIL CONSUMERS		MILITARY CONSUMERS
Artisans	700 Kws	No information
Consorzio Bonifiche	500 "	
Light	1300 "	5322
Oil mills	350 "	
Cereal mills	350 "	
Motor pumps	250 "	
Various	260 "	
	3710 Kws	

Cont'd to sheet 2 /...

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

R I E T I

CIVIL CONSUMERS

Oil mills	230 Kws
Cereal mills	120 "
Miniere di Aspra (Terni).....	40 "
	390 Kws

MILITARY CONSUMERS

R.A.C.T.D.	30 Kws
Mountain Warfare School	75 "
Funivia Railway (off peak - 1 or 2 weekly)	80 "
	185 Kws

390
+ 185

TOTAL 575 Kws

V I T E R B O

CIVIL CONSUMERS

Oil mills	650 Kws
Cereal mills	350 "
Artisans	250 "
Acqueducts	300 "
Big Industry	180 "

MILITARY CONSUMERS

R.E. Assault Bde.	12 Kws

2740 532

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

Cereal mills	120 "	Mountain Warfare School	75 "
Miniere di Aspra (Terni).....	40 "	Funivia Railway (off peak - 1 or 2 weekly)	80 "
	390 Kws		185 Kws

390
+ 185

TOTAL 575 Kws

V I T E R B O

CIVIL CONSUMERS

Oil mills	650 Kws
Cereal mills	350 "
Artisans	250 "
Acqueducts	300 "
Big Industry	180 "
Light	660 "
Other consumers	350 "
	2740 Kws

MILITARY CONSUMERS

R.E. Assault Bde. .... 12 Kws

2740
÷ 12

TOTAL 2752 Kws

532

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

P.W. & U. 8715

Subject:- Carbi[illegible] Production ASCOLI - PICENO.

C.E. No 1 District.
(166 C.E. Works).
CE 3034.
24 Jan 45.

RECEIVED
P.W. & U. S/C A.C
27 JAN 1945
214

Provincial Commissioner, AMG,
ASCOLI - PICENO Province.

47

Copy to:- 67 CME Wks.
C.C. 80 L.B.R. S.A.E.C.
H.Q. A.C.
Allied Force Local Resources Section A.F.H.Q.

Reference your AF/16/2-98 dated 15 Jan 45.

1. It has been ruled by the Allied Force Local Resources Section that the TERNI carbide plant is to start operation at once in preference to the ASCOLI plant; the reasons are:-

(a) A large stock of materials exist on site.
(b) The load though large can take the "off peak" supply available at the adjacent GALETO power station and can be readily disconnected if any overload occurs throughout the system.
(c) For technical reasons this load will not affect the overall safety factor of the "Grid" system.

2. However the output of PEDASO power station is being released for use in your district with effect from 1st Feb. and if it is possible to get the ASCOLI carbide plant working at minimum output by using off-peak power available at night it is desirable to do so.

3. It has now become militarily essential for the Carbon Products plant at ASCOLI to go into production to produce:-

(a) Electrodes for the Steel Furnace at TERNI.
(b) Electrodes for the Carbide plant at TERNI

and I am informed that this will take approx. 150 KW per hour.

Will you please ensure that this plant is ready to go into operation as soon as the orders are placed by A.C. A.F.H.Q. Local Resources Board.

The power required will be a first priority commitment on the additional power available from PEDASO.

5321

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

Reference your AF/16/2-78 dated 16 Jan 45.

1. It has been ruled by the Allied Force Local Resources Section that the TERNI carbide plant is to start operation at once in preference to the ASCOLI plant; the reasons are:-

(a) A large stock of materials exist on site.
(b) The load though large can take the "off peak" supply available at the adjacent GALETO power station and can be readily disconnected if any overload occurs throughout the system.
(c) For technical reasons this load will not affect the overall safety factor of the "Grid" system.

2. However the output of PEDACO power station is being released for use in your district with effect from 1st Feb. and if it is possible to get the ASCOLI carbide plant working at minimum output by using off-peak power available at night it is desirable to do so.

3. It has now become militarily essential for the Carbon Products plant at ASCOLI to go into production to produce:-

(a) Electrodes for the Steel Furnace at TERNI.
(b) Electrodes for the Carbide plant at TERNI

and I am informed that this will take approx. 150 MT per hour.

Will you please ensure that this plant is ready to go into operation as soon as the orders are placed by A.C. A.F.H.Q. Local Resources Board.

The power required will be a first priority commitment on the additional power available from PEDACO.

5329

W. Quirk
major a.c.
5th Brig.
C.E.

W.Q/EJC.

HEADQUARTERS
26 JAN 1945
A.
G.

Lt Col Hopper
27/1

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

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

45

RECEIVED
P.W. & U. S/C A.C.
24 JAN 1945 214

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION

HOR/go

Tel.447

Ref.AC/5828/IND

January 1945

52 Refs

SUBJECT: Allocation of Electric Power February 1945

TO : Chief Engineer I District
" " ~~III District~~
" " ~~5th Army~~
" " ~~F.B.C.~~
" " ~~R.A.F.~~ C.
Public Works & Utilities Sub-Commissions

Col Rapper

Eng. 24/1

1. Reference is to meeting of the Electric Power Committee of AFLRS(I)B held on 22 Jan.45.

2. In order to clarify the position with regard to power allotted for industrial use for the month of February it would be appreciated if the following information could be forwarded to this Sub-Commission.

a) At the "unofficial" meeting held on 21 Jan.45 at P.W. & U. S/C offices, the original demands were cut down to meet the total availability of power. Did these original demands include all bids made by Regional Engineers for industrial power for Industry Sub-Commission or are these AC demands screened or cut by Districts etc. before presentation to the unofficial meeting?

b) Since the allotment approved is less than the original demand, may the proposed breakdown of power for factories under AC control or Civil use please be forwarded, so that this Sub-Commission can complete its programme.

3. For information in deciding final allotments, 5319 the following plants are considered by this Sub-Commission to have 1st priority.

52 Refs

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

I District	
a) Ulisse Crocchi - Torreniori, Siena	20 KW continuous 14.000 K.h/month 65 KW 0800-1700 hrs. 13.000 KWh/month
b) SAFFA - Jesi, Ancona	10 KW 0800-1700 hrs. 1.000 KWh/month
c) SAFFA - Perugia	200 KW 16 hrs daily 66.000 KWh/month
d) Urbanardi Mine	
e) Soc.Ital; dei Forni Elettrici e dell'Elettrocarbonium (required for Terni carbide factory)	150 KW 8 hrs daily 36.000 KWh/month
f) Nera Montoro Soc. Terni	4.000 KW continuous 4.800.000 KWh/month
Pen. Base	
a) Selvay Pedo (15th February)	800 KW continuous 140.000 KWh/month
R.A.A.C.	
Vetreria Scinrra - Pontegaloria	40 KW continuous 29.000 KWh
F.v. A U. S/C	
Soc. Montecatini - Crotone	12.000 Kw continuous 7.500.000 KWh/month

For the Chief Commissioner:

(Signed) W. S. VAUGHAN

W. S. VAUGHAN
Director,
Industry Sub-Commission.

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

RECEIVED
P.W. & U. S/C A.C.
20 JAN 1945 214 168

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

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

TEL : ROME 66275

LRS/215A/35.

18 January 1945.

SUBJECT : Electric Power - Central Italy.

TO : HQ, AC, Public Works & Utilities Sub-Commission.

1. Herewith copies of correspondence received from CE, No 1 District, CE, No 3 District and Rome Area Allied Command dealing with requirements of Electric Power for the month of February.

2. No 1 District was requested by telegram on 16 JAN 45 to forward their requirements in conformity with this office letter LRS/215B/31 dated 9 January 45. It is understood that Rome Area Allied Command are taking the necessary steps to submit their requirements likewise.

3. The footnote on No 3 District's demand explains their position in connection with the request circulated by this Section.

4. No 1 District's letter CE 3034/1 dated 15 JAN 45 would appear to recommend an increase in the Central Italy grid to areas not at present proposed by you. From discussions held in your office it is understood that such is the intention envisaged by you and covered in your letter 158/PWU dated 8 JAN 45. Your views on the desire expressed by No 1 District would be appreciated.

Has all cleared up at 22 Con 45 meeting of Elec. Com. of A.F.H.Q.B.

S.J.B. LOUDEN, Major, DAQMG,
for Chiefs of Section,
A.F.L.R.S.

SJBL/gs.

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

COPY

RO[illegible] AREA ALLIED COMMAND
APO No 794 U.S. Army

Q. 233/3 SG/mv

SUBJECT: Electricity 16 Jan 45

TO : Secretary
Electric Power Committee
Allied Force Local Resources
(Italian) Board.

Reference Agenda of Meeting of Electric Power Committee to be held on 22 January 1945.

1. It is notified that the bid for continued allocation of power to Rome Area remains unchanged for the month of February 1945, i.e. 30,000 KW.

(SIGNED)

W. H. HUGHES
Major
Chairman
Electricity Control Board

5317

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

COPY

C.E. No 1 District.
(166 C.E. Works).
CE 3034/1.
15 Jan 45.

Subject:- Electrical Allocations.

Allied Force Local Resources Section,
A.F.H.Q.

Reference your 66275 dated 9 Jan 45.

1. In order to obtain the benefit of the energy available from the GALLETO in districts which are at present poorly served with electricity supply it is desired that a larger area be interconnected with the main grid system as shown on the attached sketch.

2. In the area marked (a) it is proposed to link up with PIERACO station and disconnect the area South of PORTO RECANITI leaving the greater part of the U.N.E.S. system on its own. It is militarily important that the area North of ANCONA be given a supply and the grid is the only possible source of supply.

3. In the central zone it is not clear whether the intention is to supply FLORENCE at two frquencies 45 and 50, or whether it is merely intended to leave FLORENCE on her present allocation and not allow her to utilise the additional quota which she was allowed dependent upon GALLETO going into operation. In either case it seems that one of the two 60,000 Volt lines between TERNI and FLORENCE will operate at 45 cycles and in that case it is desired to interconnect the group of small stations around LA LAMA through the CASTELNUOVA sub-station and utilise the allocation of 1000 KW previously granted to AREZZO and district but not yet received this area is marked (b) on the attached sketch.

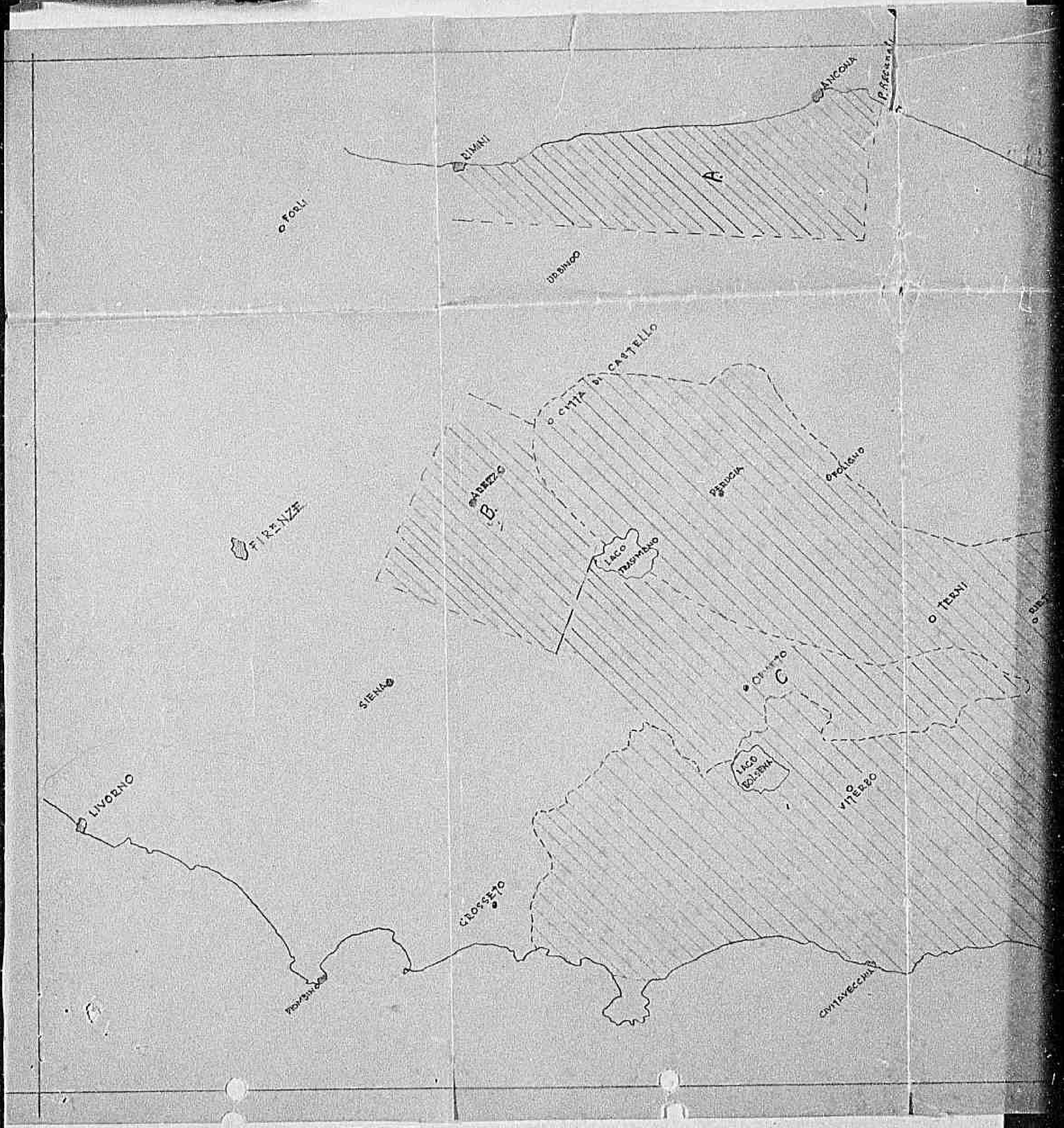
4. It is also desired to include the ORVIETO, CHIUSI zone in the scheme as this district is badly served with electricity at the present time, it is proposed to instal a 60/10 K.V. transformer either at ORVIETO or CHIUSI and give an allocation of 1000 KW to this district.

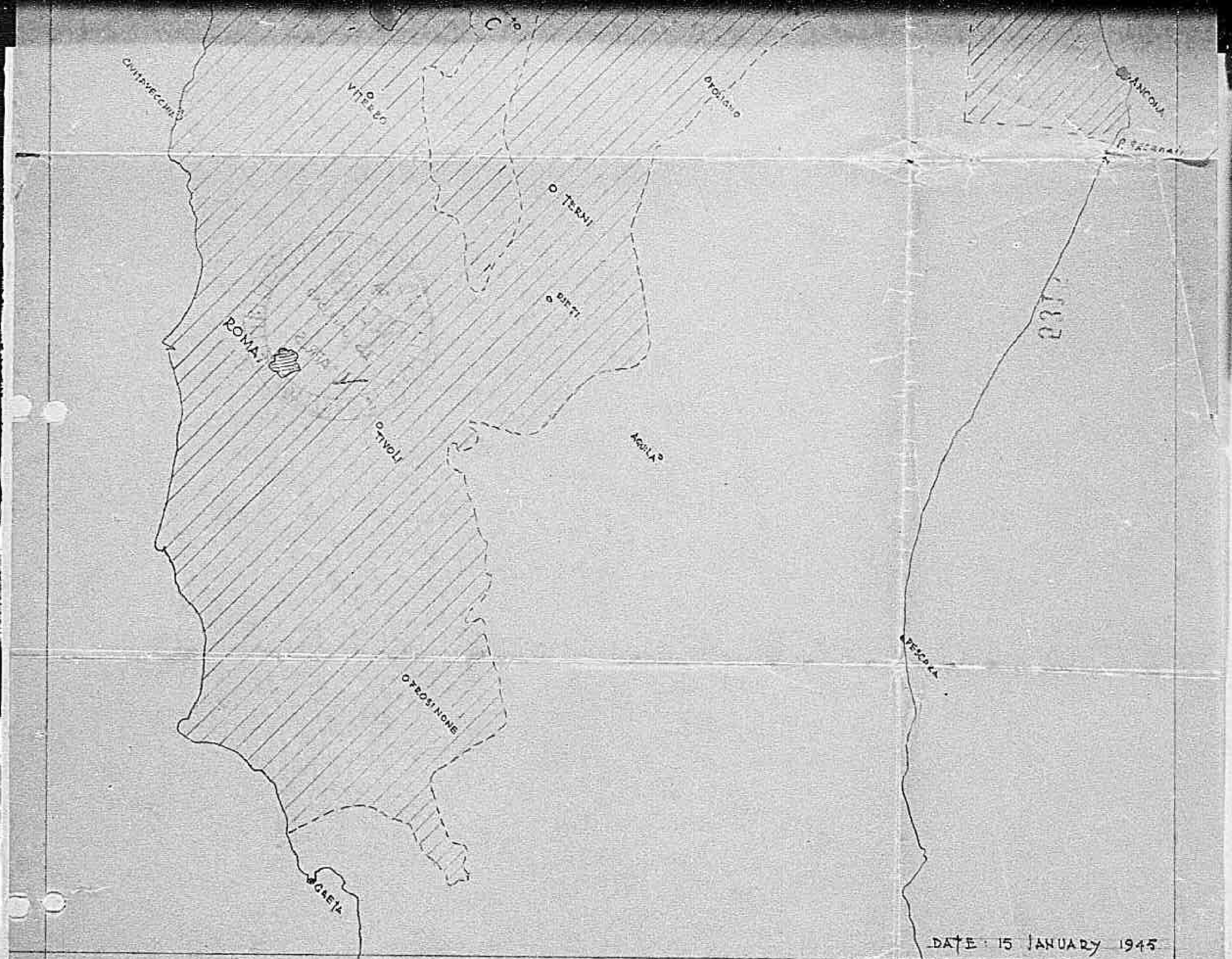
(SIGNED)
W. RIVETT,
Major, R.E.,
for Brig.
C.E.

WR/FJC.

5316

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





DATE: 15 JANUARY 1945

CENTRAL ITALY : AREA TO BE SERVED BY ELECTRICAL INTERCONNECTION

166 CE WORKS

W. Rivett. Maj Gen CE 15-1-45.

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

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

COPY

SUBJECT : Allotment of Electric Power - February.

Allied Force Local Resources Section, A.F.H.Q.

Copy to : M.G.R.E., A.F.H.Q.
HQ No 1 District.

CENTRAL ITALY GRID

Herewith bids for allocation of electrical energy within the boundary of No 1 District fo

	Present Allocation Peak KW x 10	Present Allocation Energy KWh x 10^6	Required Allocation. Peak KW x 10	Required Allocation. Energy KWh x 10^6	
PERUGIA & FOLIGNO	4.500	2.50	5.000	3.00	100 50 150 150
SPOLETO	1.000	.60	2.400	1.35	970 100 75
TERNI & District	8.000	6.00	13.000	8.5	3,000 1,500 500
ANCONA - MACERATA - ASCOLI - SENIGALLIA & PESARO	4.000	2.20	4.000	2.2	
RICCIONE & RIMINI	-	-	.500	.3	Milit
AREZZO	1.000	.60	1.500	1.00	100 300 200
SIENA	1.000	.6	1.000	.6	

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

C.E. No 1 District.
166 C.E. Works.
CE 3034/1.
11 Jan 45.

Electric Power - February.

rces Section, A.F.H.Q.

H.Q.
ct.

5 Cys

CENTRAL ITALY GRID

r allocation of electrical energy within the boundary of No 1 District for the month of February 1945:

Present Allocation		Required Allocation.		Reason for additional supplies requested.
ak x 10	Energy KWh x 10^6	Peak KW x 10	Energy KWh x 10^6	
500	2.50	5.000	3.00	100 KW for PIETRAFITTA Lignite Mines 50 KW for CASTELLANO Lignite Mines 150 KW for SORDONI Paper Mills required by AC. 150 KW for Pottery Works required by Ordnance.
000	.60	2.400	1.35	970 KW required for cement works in full production. 100 KW for Morgnano Lignite Mines 75 KW for Brickworks
000	6.00	13.000	8.5	3,000 KW for Slab Mill and Furnace 1,500 KW for MERA MONTERO Chemical Works 500 KW for Interamna Coy.
000	2.20	4.000	2.2	
	-	.500	.3	Military loads in this area
00	.60	1.500	1.00	100 KW San GIOVANNI Nail Factory 300 KW CASTELNUOVA Lignite Mines 200 KW Sugar Refinery
00	.6	1.000	.6	

...../ Over

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

	Present Allocation Peak KW x 10	Present Allocation Energy KWh x 10	Required Allocation. Peak KWh x 10^6	Required Allocation. Energy KWh x 10^6	Reason
ORVIETO & CHIUSI	1.500	1.0	1.500	1.0	
ORTE-FOLIGNO-GUINACO Rly.	5.000	1.50	5.000	1.50	
TOTALS	26.000	15.00	33.900	19.45	

Non-Grid allocations as required for last month.

(Sgd) ?????

WR/FJC

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

Allocation Energy KWh x 10	Required Allocation. Peak KWh x 10^6	Energy KWh x 10^6	Reason for additional supplies requested
1.0	1.500	1.0	
1.50	5.000	1.50	
15.00	33.900	19.45	

Non-Grid allocations as required for last month.

(Sgd) ?????Major R.E.
for Brig.
C.E.

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

SUBJECT:- Allotment of Electric Power
FEBRUARY 1945

Chief Engineer,
3 District CMF
Tel BASEBALL 84,
CE 6004/2.

16 Jan 1945.

Allied Force Local Resources
Section, RAAC, CMF.

The enclosed lists detail 3 District's requests for allocation of electric power for February 1945.

(SIGNED)
J. STEVENSON, Major

for Brigadier,
Chief Engineer.

JS/CC

Encl:

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

CENTRAL ITALY — 3 DISTRICT Requested Allotment of Electric Power. — FEBRUARY 194

Area Served	Permissible 15 minute peak KW x 10^3		Permissible Energy KW Hrs x 1	
	Allotted JANUARY 45	Requested FEBRUARY 45	Allotted JANUARY 45	Requested FEBRUARY 45
CEPRANO - COLLEFERRO	1.90	1.90	1.10	1.10

NOTE:- As time has not permitted of obtaining by post the data requested by A.F.L.R.S. letter LRS/215B/31 dated 9 Jan 45, para 4. CRE RAAC (104 CRE Works) has been requested to forward it direct to you on behalf of 3 District. The list attache however shows connections and loads authorized by 3 District.

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

LY

3 DISTRICT Requested Allotment of Electric Power. FEBRUARY 1945

ved	Permissible 15 minute peak KW x 10^3		Permissible Energy KW Hrs x 10^6		Remarks
	Allotted JANUARY 45	Requested FEBRUARY 45	Allotted JANUARY 45	Requested FEBRUARY 45	
- COLLEFERRO	1.90	1.90	1.10	1.10	Subject to Amendment

As time has not permitted of obtaining by post the data requested by A.F.L.R.S. letter LRS/215B/31 dated 9 Jan 45, para 4. CRE RAAC (104 CRE Works) has been requested to forward it direct to you on behalf of 3 District. The list attached however shows connections and loads authorized by 3 District.

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

SOUTHERN ITALY — 3 DISTRICT - Requested Allotment of Electric Power. — FEBRUAR

Area Served	Permissible 15 minute peak KW x 10^3		Permissible Energy KW Hours x 1	
	Allotted JANUARY 45	Requested FEBRUARY 45	Allotted JANUARY 45	Requested FEBRUARY 45
APULIA COY	42.00	42.00	20.00	20.00
J N E S COY	3.00	3.00	2.00	2.00
CAMPANIA COY				
(1) Pomigliano	4.00	4.00	2.30	2.30
(ii) Salerno - Torre - Castel	19.00	19.00	10.50	10.50
(iii) Benevento	3.00	3.00	1.50	1.50
(iv) Calore	1.50	1.50	1.00	1.00
LUCANA COY	5.30	5.30	1.80	1.80

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

3 DISTRICT - Requested Allotment of Electric Power. FEBRUARY 1945

Permissible 15 minute peak KW x 10^3		Permissible Energy KW Hours x 10^6		Remarks
Allotted JANUARY 45	Requested FEBRUARY 45	Allotted JANUARY 45	Requested FEBRUARY 45	
42.00	42.00	20.00	20.00	
3.00	3.00	2.00	2.00	
4.00	4.00	2.30	2.30	
19.00	19.00	10.50	10.50	
3.00	3.00	1.50	1.50	
1.50	1.50	1.00	1.00	
5.30	5.30	1.80	1.80	

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

CENTRAL ITALY — Electrical Connections Authorised 3 DISTRICT

Application Received from	Installation or Service	Purpose Required	KW Demand	KWH x 10^3 Monthly	Authority & Date	Remarks
1. DW HQ AAI	Calce e Cementi di Segni COLLEFERRO	Cement	100	? *	?	Ref 1774/1 JUL addre HQ RAAC
2. Reg.Eng.Region IV ACC	Bombrini - Parodi Delfino Coy, COLLEFERRO	Asphalt Roofing, Felt	50	15.00	CE 6004/3/3 2 Oct 44	For a pe 2 months. disconnec Dec. Appl re-submit
3. Reg Eng. Region IV ACC	Societa Cartiere Meridionale, ISOLA del LIVI.	?	200	- 60.000	CE 6004/18 3 Oct 44	
4. Reg Eng. Lazio-Umbria Region	SAIV St'Angelo in Villa, FROSINONE	Olive Oil Plant	30	21.6	CE 6004/3/3 25 Nov 44	
5. Reg Eng. Lazio-Umbria Region	Calce e Cementi di Segni, COLLEFERRO.	Cement	350	*	CE 6004/3/3 25 Nov 44	
6. RA Training Team 8th Army	G. Cappa, COLLEFERRO.	Printing	2	.6	CE 6004/3/3 25 Nov 44	
7. Reg Eng. Lazio-Umbria Region.	State Rly Mandela, Castel Madama	Signal Apparatus Rome-Arezzo Line	3 5	2.4	CE 6004/3/3 22 Dec 44	
8. Reg Eng. Lazio-Umbria Region	Cartiera di Ceprano Vitocchi and Arata. CEPRANO	Paper Manufacture	1,300	312.000	CE 6004/3/3 22 Dec 44	Off pe only 2
9. Reg Eng. Lazio-Umbria Region	Societa Romana perla Ferrarie del Nord. CIVITACASTELLANA.	Testing railway equipment.	200	30.00	CE 6004/3/3 22 Dec 44	½ hr p during hours.

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

Electrical Connections Authorised 3 DISTRICT

ived	Installation or Service	Purpose Required	KW Demand	KWH x 10^3 Monthly	Authority & Date	Remarks
	Calce e Cementi di Segni COLLEFERRO	Cement	100	? *	?	Ref 1774/DW of 8 JUL addressed to HQ RAAC
n	Bombrini - Parodi Delfino Coy, COLLEFERRO	Asphalt Roofing, Felt	50	15.00	CE 6004/3/3 2 Oct 44	For a period of 2 months. Reported disconnected 17 Dec. Application re-submitted.
on	Societa Cartiere Meridionale, ISOLA del LIVI.	?	200	- 60.000	CE 6004/18 3 Oct 44	
o-	SAIV St'Angelo in Villa, FROSINONE	Olive Oil Plant	30	21.6	CE 6004/3/3 25 Nov 44	
o-	Calce e Cementi di Segni, COLLEFERRO.	Cement	350	*	CE 6004/3/3 25 Nov 44	
eam	G. Cappa, COLLEFERRO.	Printing	2	.6	CE 6004/3/3 25 Nov 44	
o- .	State Rly Mandela, Castel Madama	Signal Apparatus Rome-Arezzo Line	3 5	2.4	CE 6004/3/3 22 Dec 44	
o-	Cartiera di Ceprano Vitocchi and Arata. CEPRANO	Paper Manufacture	1,300	312.000	CE 6004/3/3 22 Dec 44	Off peak hrs only 2200-0600
o-	Societa Romana perla Ferrarie del Nord. CIVITACASTELLANA.	Testing railway equipment.	200	30.00	CE 6004/3/3 22 Dec 44	½ hr per day during off peak hours.

5311

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

CENTRAL ITALY — Electrical Connections Authorised — 3 DISTRICT

Application Received from	Installation or Service	Purpose Required	KW Demand	KWH x 10^3 Monthly	A
10. Reg Eng. Lazio-Umbria Region	Calce e Cementi COLLEFERRO	Cement	1250	500.000 ※	0 2

X

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

ITALY — Electrical Connections Authorised — 3 DISTRICT

ication Received from	Installation or Service	Purpose Required	KW Demand	KWH x 10^3 Monthly	Authority & Date	Remarks
Eng. Lazio-bria Region	Calce e Cementi COLLEFERRO	Cement	1250	500.000 ✱	CE 6004/3/3 22 DEC 44	

X

Page 010

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

43

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

LRS/215B/36.

RECEIVED
P.W. & U. S/C A.C.
21 JAN 1945 214

Postal Address :
AFLRS, Rome Area
Allied Command,
C.M.F.
TEL : ROME 66275

20 January 1945.

SUBJECT : Allocation of Electric Power for Central Italy - Month of February.

TO : HQ AC Public Works & Utilities Sub-Commission.

Reference our LRS/215A/35 dated 18 JAN 45.

Herewith copy of further bid received from 104 C.R.E. Works for City of Rome and that part of Rome Province administered by Rome Area Allied Command.

S.J.B. LOUDEN, Major, DAQMG,
for Chiefs of Section,
A.F.L.R.S.

SJBL/gs.

Lt Col Rapport
Dated 22/1/5309

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

COPY

SUBJECT:- Allocation of Electrical Power Central Italy - February.

TO :- Allied Force Local Resources Section A.F.H.Q.

104 C.R.E. WORKS
C.M.F.
Tel.: 66023.4.5.
Ref.: CRE/EM/253

17 January 1945.

Reference your LRS/215B/31 of 9 Jan 45.

Herewith in graphical form, bid for power Rome City and that part of Rome Province administered by Rome Area.

Sixty thousand Kws is the day peak and a minimum of thirty six thousand Kws, is required for night industries.

(SIGNED)
Lt.Col. ?????
C.R.E. 104 WORKS.

RFHF/AS

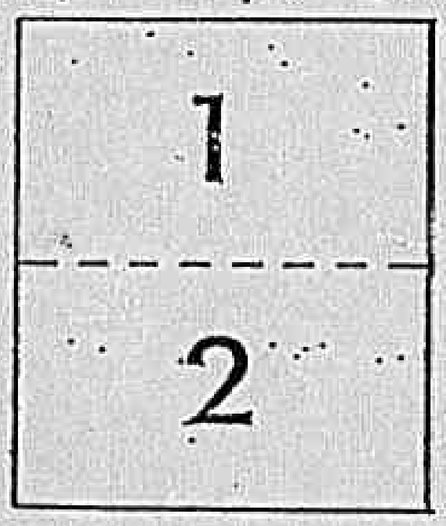
Copy to:- Electrical Control Board - Rome Area.

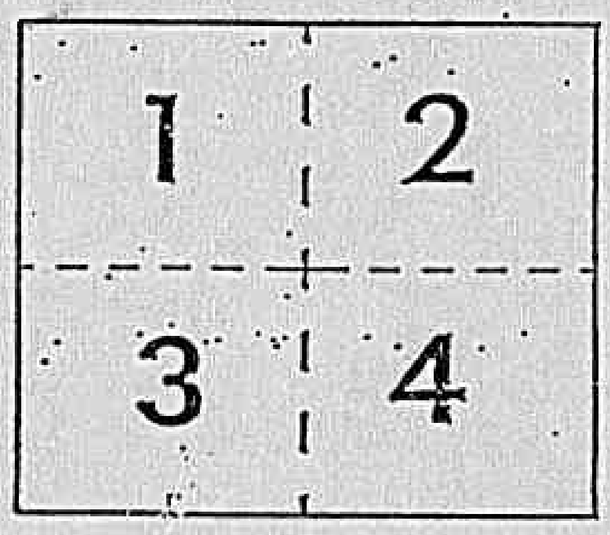
5308

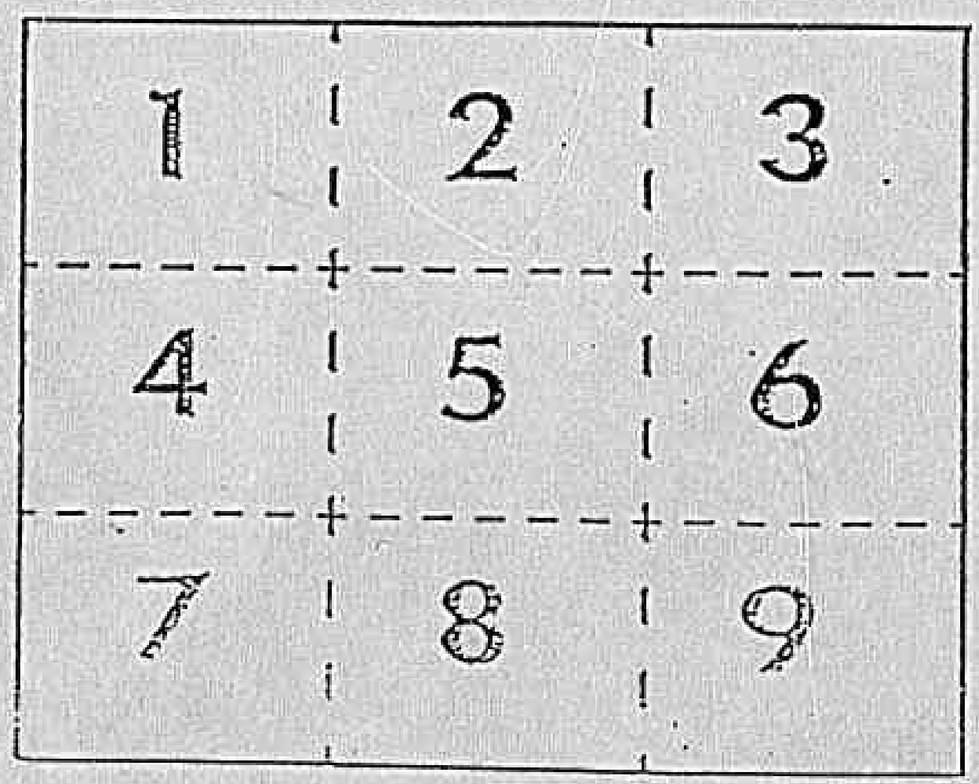
Declassified E.O. 12356 Section 3.3/NND No. 785019

MAPS AND CHARTS TOO LARGE TO FILM ON ONE EXPOSURE ARE FILMED CLOCKWISE BEGINNING IN THE UPPER LEFT CORNER, LEFT TO RIGHT, AND TOP TO BOTTOM.

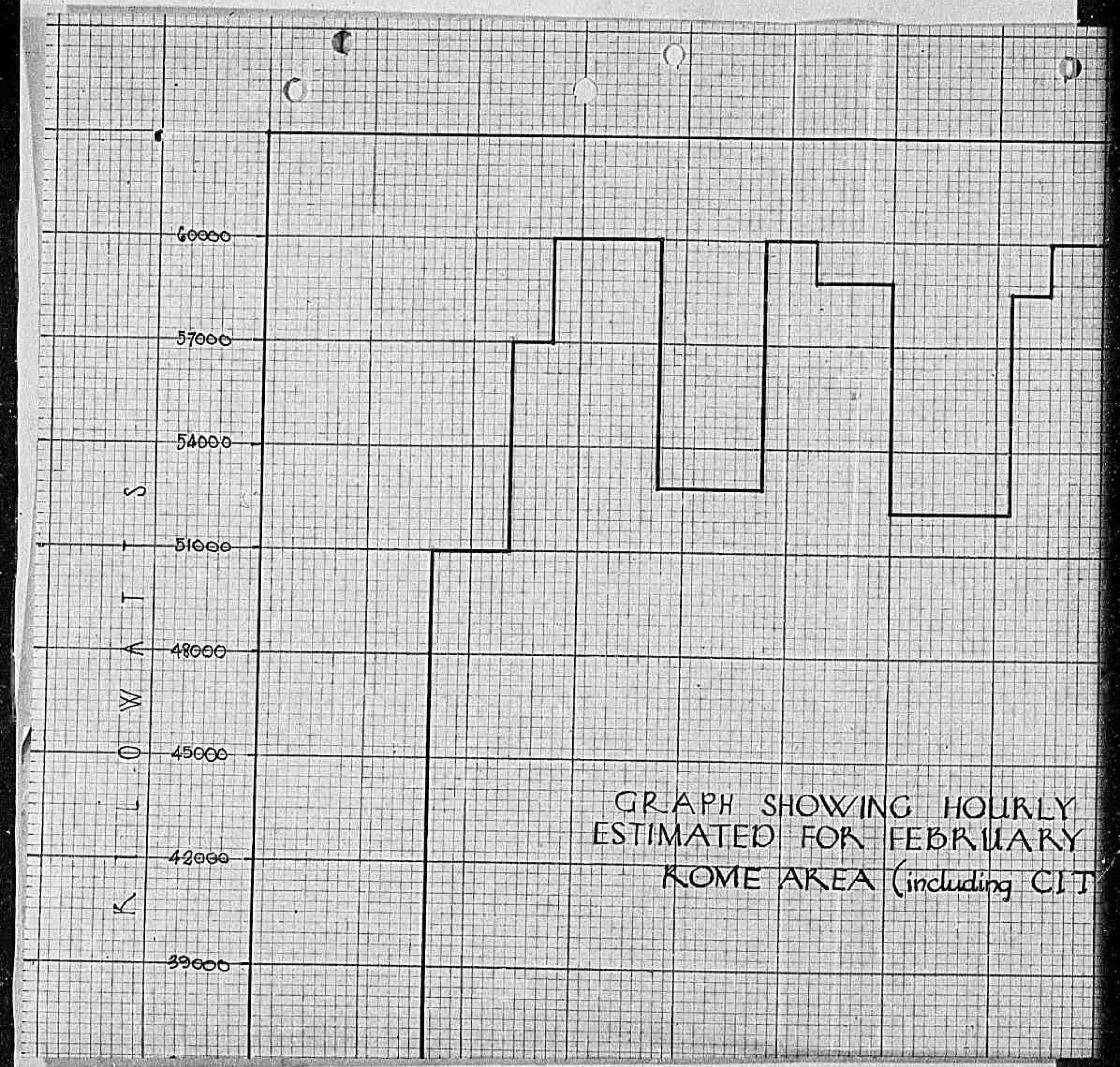
SEE DIAGRAMS BELOW.





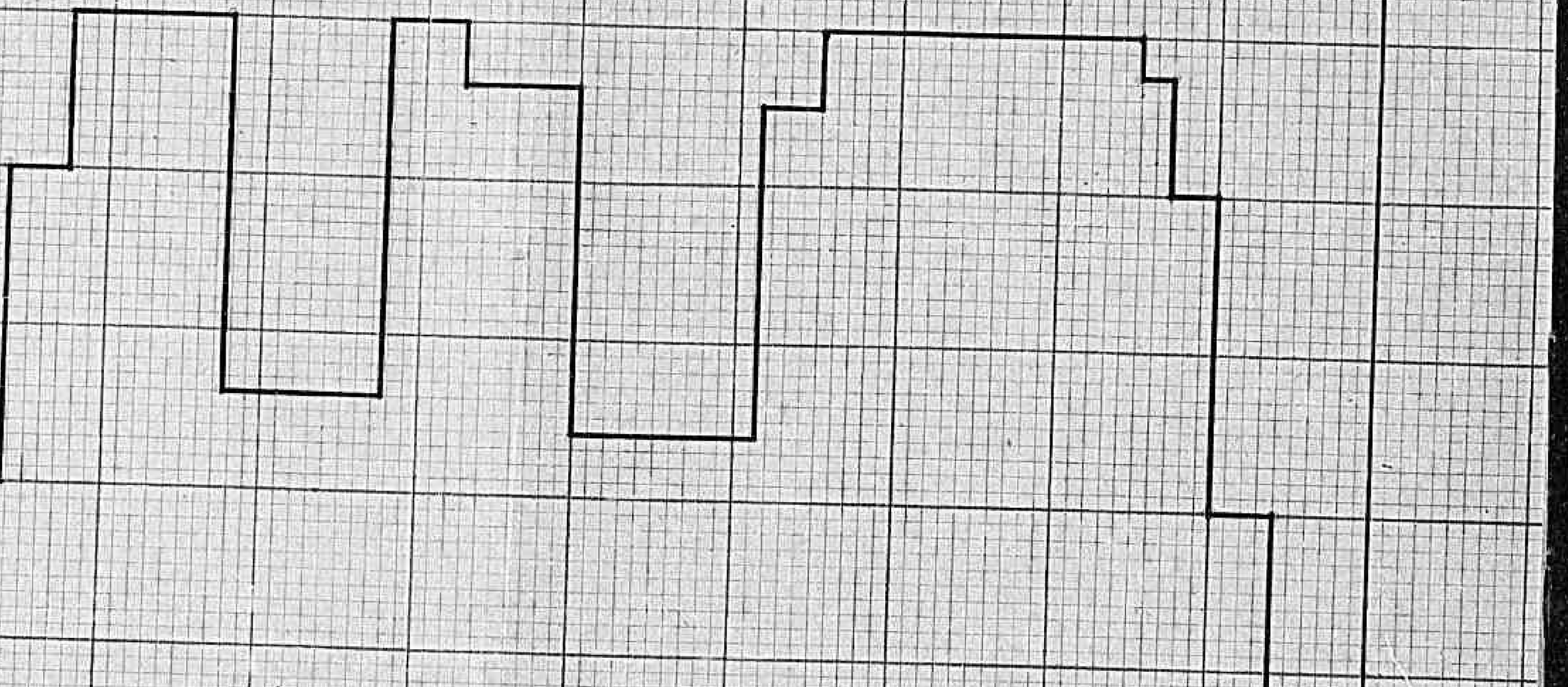


Declassified E.O. 12356 Section 3.3/NND No. 785019



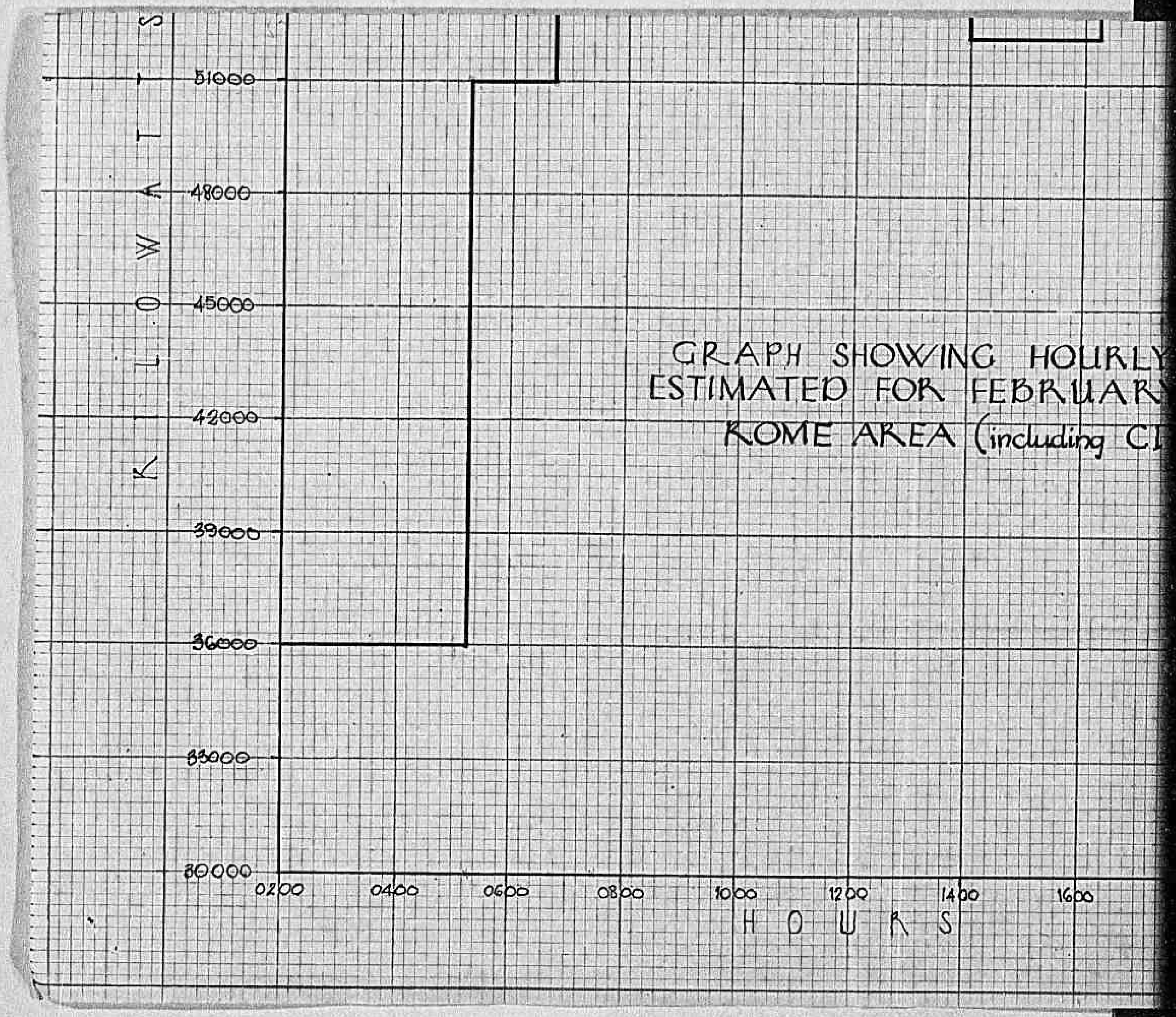
GRAPH SHOWING HOURLY
ESTIMATED FOR FEBRUARY
ROME AREA (including CIT

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



GRAPH SHOWING HOURLY PEAK
ESTIMATED FOR FEBRUARY 1945 ....
ROME AREA (including CITY)

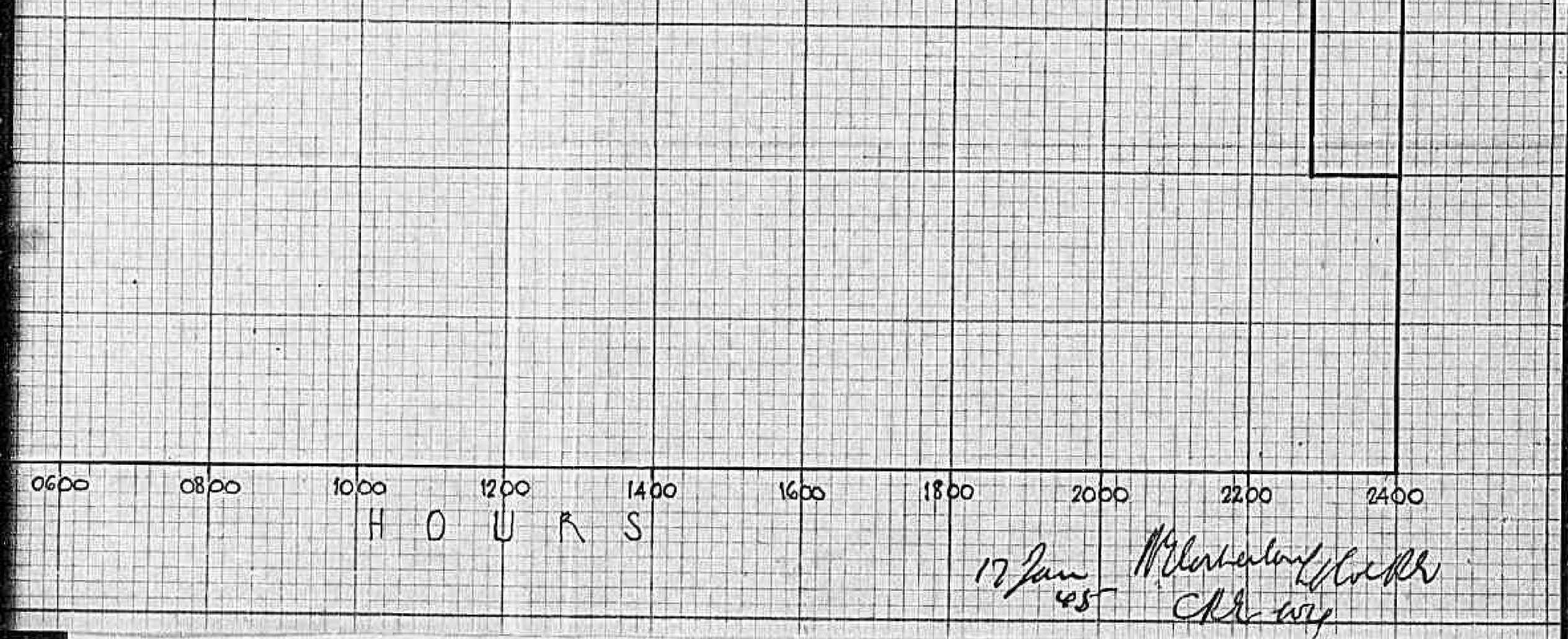
Declassified E.O. 12356 Section 3.3/NND No. 785019



GRAPH SHOWING HOURLY
ESTIMATED FOR FEBRUARY
ROME AREA (including CI

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

GRAPH SHOWING HOURLY PEAK
ESTIMATED FOR FEBRUARY 1945 ....
ROME AREA (including CITY)



17 Jan 45 Weatherhead/Hecker
CRL 1857

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

COPY

Capt. Laughlin

42

ENGINEER SERVICE
PENINSULAR BASE SECTION
APO 782

GC/fa

16 December, 1944

SUBJECT: Electric Power Situation "Leghorn" System

TO : Col. Donald S. Burns.

1. Since the failure of a 3000 KW turbine generator set at Larderello on 22 November 1944 it has been necessary to curtail electric power to civilian installations and limit the amount delivered to distribution centers on the "Leghorn" system to 4600 Kw.

2. Capacities:

(a) 15 December 1944

	Units availables	Output capacity
Leghorn (Diesel)	4-400 KW	1.600 KW
Solvay (Steam)	2-1000 "	1.600 "
Larderello (Vulcanic gas)	1-3000 "	2.700 "
	1-900 "	700 "
Total		6.600 KW
Losses		1.100 "
Available at load		5.500 KW

(b) 25 December 1944

	Output capacity
as of 15/12/44	6.600 KW
Piano della Rocca 1-11000 KW (Hydro)	3.000 " (note A)
Total	9.600 KW
less losses	1.300 "
Available at load	8.300 "

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

			Output capacity
(c)	1 January 1945		
	as of 20/12/1944		9.600 KW
	Solvay (Steam)	1-3000 KW	2.500 " (Note B)
			12.100 KW
	less losses		1.800 "
	Available at load		10.300 KW
(d)	1 February 1945		
	as of 1/1/1945		12.100 KW
	Lima (Hydro) (river)	1-1500 KW	1.500 "
		Total	13.600 "
	less losses		2.000 "
	Available at load		11.600 KW
(e)	15 February 1945		
	as of 1/2/1945		13.600 KW
	Larderello (vulcanic gas)	1-12000 KW	11.400 "
		Total	25.000 "
	less losses		3.500 "
	Available at load		21.500 "
(f)	1 March 1945		
	as of 15/2/45		25.000 KW
	Pian della Rocca	1-11000 KW	19.000 " (note A)
		Total	44.000 KW
	less losses		6.000 "
	Available at load		38.000 KW

NOTE A : Estimated capacity of Piano della Rocca is based on (1) water available only from local run-off prior to 1/3/45 and (2) Serchio river stream flow thereafter providing for full output of 2 units.

NOTE B Extensive repairs to circulating water system of canals and pipes which suffered severe bomb damage will be completed making this units available.

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

3. Loads

It is anticipated that loads will increase as rapidly as capacity increases. However, these increases will generally consist of lower priority civilian loads which can be curtailed in the event of failure of power supply thereby insuring service to military installations.

Estimates of Leghorn local load (including Pisa) are given below:

20	December 1944	KW	3.500
1	January 1945	"	4.000
1	February 5000	"	5.000
1	March 1945	"	6.000

Loads elsewhere on this system will be supplied.

G. COOLEY
Lt-Colonel, C.E.

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

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

P.W. & U. S/C A.C.
4 JAN 1945 214

LRS/215B/29.

Postal Address :
AFLRS, Rome Area
Allied Command,
C.M.F.
TEL : ROME 66275

3 January 1945

SUBJECT : Allotment of Electric Power - No 1 District.

TO : HQ, AC, Public Works & Utilities Sub-Commission.

1. Further to this office letter LRS/215B/27 dated 28 DEC 44, enclosed herewith is copy of letter received today from CE, No 1 District.

2. It would be appreciated if your views could please be forwarded in respect of the request contained in para 4 thereof.

S.J.B. LOUDEN, Major, DAQMG,
for Chiefs of Section,
A.F.L.R.S.

SJBL/gs.

Encl:- CE, No.1 District letter Ref.3034/1 dated 30 DEC 44.

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

RECEIVED
P.W. & U. S/C A.C
29 DEC 1944 214

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

Postal Address :
AFLRS, RAAC, CMF

TEL : ROME 66275

27

LRS/215B/27.

28 December 1944

SUBJECT : Allocation of Electric Power.

TO : HQ, AC, Public Works & Utilities Sub-Commission.

1. Enclosed herewith are copies of correspondence received from CE, No. 1 District regarding supplies of elcotric power being received against allocations made at the Electric Power Committee meetings.

2. It is suggested that if the statements made in the correspondence are true the availabilities of power have been over-estimated and that steps should be taken by you at the next meeting of the Committee to adjust the discrepancy apparently existing between availabilities and allocations.

S.J.B. LOUDEN, Major, DAQMG,
for Chiefs of Section,
A.F.L.R.S.

SJBL/gs.

Copy to: CE (A), AFHQ (for attention of Chairman Electric Power Committee, Col. R.M. EDGAR).

Lt. Col. Lowers for Lt. Col. Lowers

GER - 28/12.

4 Transfers

5302

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

JB/rm

G R538

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

F.B.I. P.W. & O. SECTION 27 DEC 1944 2,4

22nd December 1944

TO : Società Terni - Terni

SUBJECT : Electricity Control

IN REPLY QUOTE : R4/ENG/700

1. The attached copy letter from the Chief Engineer N°1 District is forwarded for information.

2. If the necessity arises you will act in accordance with para 3 of the above quoted letter, without awaiting further instructions.

3. Every effort will be made to keep within the allotments laid down.

Lt.Col.R.E.
Regional Engineer
Lazio-Umbria Region AMG.

Copy to AC HQ (PW)
" : P.C. Terni PWD. (for action reference Regional HQ ltr re subject: Electricity & Coal Supply Perugia.
" : P.C. Perugia
" : C.E. N°. 1st district

Lt Col Regional Engr

Ref. 27/12

COPY

Subject : Electricity allocation.

C.E. No1 District
(166 C.E. Works).
CE 3034/1.
5 Dec.44

H.Q. Allied Commission A.P.O. 394
(for attention - Chief of Electrical Division)

Copy to: - Provincial Commissioner, PERUGIA District
Provincial Commissioner TERNI District
HQ 71 Sub Area
52 CRE Works.

---

1. The following distribution of the electrical energy available at Terni group of power stations was allocated at a conference held at FOLIGNO on 5th Dec.44.

Steelworks TERNI	2,000 KW per hour
Papigno Carbide and the	800 KW " "
S.I.R.I. Hydrogen Plant	1,200 KW " "
Interamna Coy	1,000 KW " "
Spoleto	2,500 KW " "
FOLIGNO and PERUGIA	700 KW " "
RIETI	
total	8,200 KW per hour

2. Will you please ensure that this distribution is maintained and not exceeded, at the power stations.

3. In the event of overloading caused by an inadequate power supply, the loads listed above are to be cut off in this order

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

Provincial Commissioner TERNI District
HQ 71 Sub Area
52 CRE Works.

---

1. The following distribution of the electrical energy available at Terni group of power stations was allocated at a conference held at FOLIGNO on 5th Dec.44.

Steelworks TERNI	2,000 KW per hour
Papigno Carbide and the	
S.I.R.I. Hydrogen Plant	800 KW " "
Interamna Coy	1,200 KW " "
Spoleto	1,000 KW " "
FOLIGNO and PERUGIA	2,500 KW " "
RIETI	700 KW " "
total	8,200 KW per hour

2. Will you please ensure that this distribution is maintained and not exceeded, at the power stations.

3. In the event of overloading caused by an inadequate power supply, the loads listed above are to be cut off in this order

1. RIETI
2. INTERAMNA Coy
3. PAPIGNO Carbide
4. SPOLETO

5300

4. It is essential that these amounts are actually made available in order to operate any sound rationing scheme, and if any feeder exceeds their allocation the supply should be cut off until steps have been taken to reduce the load on that feeder.

signed : Brig.
C.E.

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

LWL/ac

ALLIED FORCE HEADQUARTERS
Electrical Reconstruction Committee (Italy)

A P O 512

34

Subject : Italian Electricity Situation 19 Dec. 44
as of 1st December 1944 (Cen. Italy)

To : ELECTRIC POWER COMMITTEE, ALLIED FORCE LOCAL RESOURCES SECTION, R.A.A.C. - C.M.F.

1) - The demand for electricity for Military and essential civilian needs continues to grow and at the present time there is no spare capacity available to meet any further demands.

2) - It is anticipated that further generating capacity will be available about the middle of January but the use of this for industrial purposes will depend largely on operational requirements and conditions of plants in the north.

3) - In order to secure safety of supplies the time has arrived when a margin of spare capacity should be maintained to guard against breakdowns and give flexibility to the system. This arrangement will considerably improve the voltage and frequency of the supply which will tend to increased production from the factories already being supplied.

4) - During the month of November the following progress was made :

Transmission lines repaired	163 Km
Generating plant repaired	23,120 KW.

W,E,LAPPLR
Lt-Colonel
Elec.Reconstruction
Committee (Italy)

Done by hand.

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

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

Tel. 489081
Ext 317

File 214

WML/ac

32

M E M O R A N D U M

18 Dec. 44

Reference : 171/PWU
Subject : Electricity (Report for Press)

To : DIRECTOR PUBLIC WORKS & UTILITIES S/C

From : Electrical Division

1) - In order that there shall be no misunderstanding regarding the availability of eletrical energy throughout Italy it is considered that a statement on the following lines should be sent to the Italian Press so as to refute the erroneous statements already made.

2) - Approximated 93% of the generating facilities in Central Italy were destroyed.

3) - Every effort is being made to restore plants and due to the good cooperation existing between the Ministry of Public Works, the Electrical Companies and the Allies good progress is being made in the restoration of the plants which are not completely destroyed.

4) - It is anticipated that approx 30% of the damaged plants will be restored to service by June 1945.

5) - All the main generating stations are connected together through a Gris System, and townships re uiring energy take their supply from the Grid System.

6) - As the major portion of the energy is re uired for:
(a) military re uirements
(b) essential civilian services
what is left is directed to the starting up of industrie which are needed in order to restore normal conditions in Italy.

7) - The allocation of the energy is done by the Committee of the Local Resources Board, but that amount handed over for civilian use is discussed by A.C. with the Italian Government as to its best use.

8) - It will be clear from the above that until the Electric Railways factories, workshops and the many other industries essential to the life of the community have been restored consideration cannot be given to the less essential demands such as "more electricity for Rome" and it would be wrong and unportunate if the war effort and the rehabilitation of Italy were allowed to suffer due to electricity being used in the less essential services.

./.

Finally therefore it is most unlikely that any further electricity will be available for the less essential services untile June 1945 at the very earliest and even this date should be treated with reservation.

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

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

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

(214)

File 30

19 Dec 44

Memorandum

The attached bid from P.I.B.S.
13 Dec 44 File AG 67-BPENG.
were approved at the 18 Dec. 44
meeting of Exec. Com. A.F.L.D.B.

5296

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

C O N F I D E N T I A L

Tel.489081 Ext.317

P.W. & UTIL. S/C A.C.
Electrical Division

File : E.R.C.

17 November 1944

ELECTRICAL RECONSTRUCTION COMMITTEE - AGENDA

The first meeting of the Electrical Reconstruction Committee will be held at 1430 hours on Wednesday 22nd November 1944 in Room 16 - 8th floor A.C. Headquarters - Rom.

1) - Explenation by the Chairman regarding the function of the Electrical Reconstruction Committee (Italy).

2) - To consider the membership of the Committee.

3) - To receive a report from AC of the progress of Electrical Rehabilitation Work and future planning.

4) - To receive a report from Lt.Col.W.M.LAPPER concerning the possibility of obtaining portable electrical equipment for use in the Italian theater.

5) - To consider the electrical situation in Northern Italy.

6) - Any other business.

7) - To fix the date and time for the next meeting.

L.W.LAUGHLIN
Captain S.R.
Secretary
Elec.Recon.Com.Italy

Distribution

C.E.	- AFHQ
Lt.Col.Colley	- MTOUSA (Mail to Advance Engineer Officer P.B.S.)
Elec. Div.	- A.C.
D.W.	- A.A.I.
Flag Officer	- R.N.

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

11096

Electricity

HEADQUARTERS
PENINSULAR BASE SECTION
APO 782

13 DEC 1944

AG 675 BPENG

SUBJECT: Allocation of Electric Power, January 1945.

TO : Electric Power Committee, AFLRS, RAAC, CMF.

1. Reference is made to letter dated 23 October, 1944 requesting that requirements for allocation of electric power be presented seven days before dates of meeting of Electric Power Committee.

2. Requirements for areas controlled by P.B.S. for January 1945 are as follows:

a. Southern Italy

1.	Naples District	35,000 Kw	20,000,000 Kwh.
2.	Santa Maria	5,500 "	3,600,000 "

b. Central Italy

1.	Civitavecchia (Soc. Volsina)	3,000 Kw	1,500,000 Kwh.
2.	Leghorn Area	4,500 Kw	2,500,000 Kwh.
	Lucca Area	1,000 "	400,000 "
	Solvay and Rosignano	1,000 "	650,000 "
	Piombino Area	1,000 "	600,000 "
		7500 2500 19020	5290

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

Grosseto	1,500 kW	750,000 Kwh.
Saline and Volterra	1,000 "	600,000 "

For the Commanding officer:

L. F. NICKEL,
Lt. Colonel, A. G. D.,
Adjutant General

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

214

29

File Telecon.

A.F.L. (T) B.

Memorandum 19 Dec 44

Attached listing of power bids prepared for information purposes. ~~Bureaus~~ & also requests that have been submitted up to Folio No. 125 file 060.

A.H. Laughlin
asp 7529

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

File n.° 060	Date of letter	Consumer & Location	Power requested KW	KWh Monthly consumption	n.° of hours
68	27 November	Cement Plant of Vibo Valenzia (Soc. Calce e Cementi di Segni)	500 1200	600.000	500
8A	2 November	Starchini powder factory (Tivoli)	70 200		0700 - 1600 24 hours/day
11	7 November	Carbon bisulphide plant (Electrical retorts) (Soc. Umbra Prodotti Chimici) Collestatte - (Terni) -	100 up to 800 (ten days) 600 (two next days) 600 (150 days)		
23	9 November Statement 15 August	Ceprano paper mill	1300		2200 - 0600
55	17 November	(same as 23)	529		

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

ner & Location	Power requested KW	KWh Monthly consumption	n° of hours	Date of supply	Remarks
Plant of Vibo Valenzia (alce e Cement di Segni)	500 1,200	600.000	500	1st January 1 February	
powder factory (Tivoli)	70 200		0700 - 1600 24 hours/day	immediately 1 January	
esulphide plant (Electrical retorts) hra Prodotti Chimici) alle - (Terni) -	100 up to 800 (ten days) 600 (two week days) 600 (150 days)				
o paper mill	1300		2200 - 0600	End of November	
me on 23)	529				

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

File n° 060	Date of letter	Consumer & Location	Power required KW	Monthly consumption Kwh	n° of hours	Date supply
53	22 Novemb	Pumping stations (Pontine Marshes) protection highway 7 LAZIO VITERBIA	500 "		24 hours (20-30 days) 3 hrs daily (after this period)	
67	27 November	Ice factory - Anzio	40	15,000		
69	27 Novembr	Cement Plant of Colleferro (Soc. Calce e Cementi di Segni)	700-800 (peak 1300 at night)	700-800,000		
70	27 Nov.	Calce e Cementi Colleferro	1,600			January
107 alle 3 30		RR line 87 - Section Terni - Fabriano (in case Gallero be disconnected)	5000			

526

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

cation	Power requested Kw	Monthly consumption Kwh	no of hours	Date of supply	Remarks
n (Pontine Marshes) ay 7	500 "		24 hours (20-30 days) 3 hrs daily (after this period)		Utilizing at present 100 Kw
Anzio	40	15,000			
Colleferro manti di Segni)	700-800 (peak 1300 at night)	700-800,000			Voltage now 300 Volt should be changed to 500 V
Colleferro	1,600			January	
ection Termi- Fabriano ll'ero be disconnected)	5000				to be supplied at 60 KV necessary to know the minimum that can be given

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

File n.o 060	Date of letter	Consumer & Location	Power requested KW	Monthly consumption KWh	n.o of hours	Da... sup...
117		Dockyards of Gaeta LAZIO - Umbria		1,500		
121		Water pumping station at Fiumicino (Focene pumping stations)	700		at night	
125		Pietrafitta lignite mines	50		8 hrs a day 24 hrs a day	

629

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

& Location	Power requested KW	Monthly consumption KWh	n° of hours	Date of supply	Remarks
ds of Gaeta Umbria		1,500			(on electric generators in substitution for electric power)
pumping station at " " ne pumping stations)	700		at night		
fitta lignite mines	50		8 hrs a day 24 hrs a day		(production 500 tons lignite) (1500 tons)

526

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

File nº 060	Date of letter	Consumer & Location	Power requested KW	Monthly consumption KWh	nº of hours	Date of supply
330	27 September	Railroad Orte Genga (West of Ancona)	500 (for testing)			November
see 107		MARCHE ABRUZZI	5,000	1,500,000		December
			8,000	3,000,000		January
29	13 November	Sulphur mines (Ancona – Pesaro & Foligno provinces				
		Cabernardi mine	200			
		Perticara "	150			
		Formignano "	?			
59 B	21 October	Prato - Bologna PR section TOSCANA	5,000	1,500,000		
61	20 Nov.	Textiles industries (Prato & North. Toscana)	3480			

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

& Location	Power requested KW	Monthly consumption KWh	Nº of hours	Date of supply	Remarks
Orte Gengu (& Ancona)	500 (for testing)			November	tentative
E Abruzzi	5,000	1,500,000		Decembe	1,-
	8,000	3,000,000		January	
mines (Ancona-Pesaro & Foligno provinces					
Bernardi mine	200				
rticara "	150				
migrano "	?				
Bologna RR section	5,000	1,500,000			
ndustries (Prato & North. Toscana)	3,420 570				needed for 25 firms

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

File n.o 060	Date of letter	Consumer & Location	Power requested KW	Monthly Consumption Kwh	N.o of hours
65	24 Novemb	Monte Amiata mine (requested to supply power to Valdarno Co. – in addition to demand already made TOSCANA	200		
66	25 Nov.	Textile industry - Prato (TOSCANA)	500 3480	1.000.000	0800-1700 2200-0600
120		Ribolla mine - (TOSCANA) lignite production	550		
			5230		

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

n & Location	Power requested KW	Monthly consumption Kwh	n° of hours	Date of supply	Remarks
Amiata mine to supply power larmo Co - in No demand already TOSCANA	200				they now produce 400 KW (in Winter)
industry - Prato (TOSCANA)	500 3480	1.000.000	0800-1700 2200-0600	January 1945	
mine - (TOSCANA) nite production	550				now receiving 180 KW

520

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

(214) Misc

28

19 Dec 44

Memorandum

The attached bids for power frame No. 3 Dist Fit OE { 600/2 - 14 Dec 44

were approved at the 18 Dec. 44 meeting of Elec Com. A. F. L. (T) B.

B H Leigh

5237

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

C O N F I D E N T I A L

Tel.489081 Ext.317

P.W. & UTIL. S/C A.C.
Electrical Division

File : E.R.C.

17 November 1944

ELECTRICAL RECONSTRUCTION COMMITTEE - AGENDA

The first meeting of the Electrical Reconstruction Committee will be held at 1430 hours on Wednesday 22nd November 1944 in Room 16 - 8th floor A.C. Headquarters - Rom.

1) - Explanation by the Chairman regarding the function of the Electrical Reconstruction Committee (Italy).

2) - To consider the membership of the Committee.

3) - To receive a report from AC of the progress of Electrical Rehabilitation Work and future planning.

4) - To receive a report from Lt.Col.W.M.LARPER concerning the possibility of obtaining portable electrical equipment for use in the Italian theater.

5) - To consider the electrical situation in Northern Italy.

6) - Any other business.

7) - To fix the date and time for the next meeting.

L.W.LAUGHLIN
Captain S.R.
Secretary
Elec.Recon.Com.Italy

Distribution

C.E. - AFHQ
Lt.Col.Colley - MTOUSA (Mail to Advance Engineer Officer P.B.S.)
Elec. Div. - A.C.
D.W. - A.A.I.
Flag Officer - R.N.

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

COPY

Subject:- Allotment of Electric Power January 1945

Chief Engineer
3 District CMF
Tel: Ext. 84
CE 600/2.

14 Dec 1944

Allied Force Local Resources
Section RAAC CMF

'Q' 3 Dist

Ref my CE 6004/2 dated 13 Dec 1944.

1. CEPRANO - COLLEFERRO

KWH x 10^6 January 45
Delete 0.70 and substitute 1.10

2. Additional request is from AMG LAZIO UMBRIA Region in respect of 1300 KW of demand for CEPRANO paper mill "Cartiera di Ceprano Vetocchi & Avara. The factory to operate during night hours 2200 hrs to 0600 hrs.

(Signed) J. Stevenson

(J.STEVENSON)
Major, R.E.,
for Brigadier
Chief Engineer

JB/VH.

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

COPY

Subject :- Allotment of Electric Power January 1945

Chief Engineer,
3 District CMF
Tel Ex 84,
CE 6004/2

13 Dec 1944

Allied Force Local Resources Section,
R.A.A.C., CMF

1. The enclosed Appendix 'A' details 3 District's request for allocation of electric power for January 1945.

(J.STEVENSON),
Major RE,
for Brigadier,
Chief Engineer.

JS/CC
Encl:

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

3 District - Requested allotment of Electric Power,

Area Served	Permissible 15 minute peak KW x 10^3		Permissible Energy
	December '44	Requested Janumry '45	December '44
Southern Italy			
Apulia Coy.	42.000	42.00	19.00
to U.N.E.S.	3.00	3.00	2.00
Campania Coy			
Pomigliano	4.00	4.00	2.10
Salerno - Torre - Cast'	19.00	19.00	10.00
Benevento	3.00	3.00	1.50
Calore	1.50	1.50	0.70
Lucania Coy	5.30	5.30	1.80
Central Italy. Grid			
Ceprano - Colleferro	0.63	1.90	0.32

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

APPENDIX 'A'

3 District - Requested allotment of Electric Power, January 1945

Permissible 15 minute peak KW x 10^3		Permissible Energy KW.Hr x 10^6		Remarks
December '44	Requested January '45	December '44	Requested January '45	
42.000	42.00	19.00	20.00	
3.00	3.00	2.00	2.00	
4.00	4.00	2.10	2.30	
19.00	19.00	10.00	10.50	
3.00	3.00	1.50	1.50	
1.50	1.50	0.70	1.00	
5.30	5.30	1.80	1.80	
0.63	1.90	0.32	0.70	Increase requested by AMG LAZIO-UMBRIA Region for cement factory, Calce e Cementi, Colleferro (Copy of letter enclosed)

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

APPENDIX 'A'

3 District - Requested allotment of Electric Power, Januar

Area Served	Permissible 15 minute peak KW x 10^3		Permissible Energy KW.Hr	
	December '44	Requested January '45	December '44	Reques January
Southern Italy				
Apulia Coy.	42.000	42.00	19.00	20.
to U.N.E.S.	3.00	3.00	2.00	2.
Campania Coy				
Pomigliano	4.00	4.00	2.10	2.
Salerno - Torre - Cast'	19.00	19.00	10.00	10.
Bensvento	3.00	3.00	1.50	1.
Calore	1.50	1.50	0.70	1.
Lucania Coy	5.30	5.30	1.80	1.
Central Italy. Grid				
Ceprano - Colleferro	0.63	1.90	0.32	0.

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

APPENDIX 'A'

3 District - Requested allotment of Electric Power, January 1945

Permissible 15 minute peak KW x 10^3		Permissible Energy KW.Hr x 10^6		Remarks
December '44	Requested January '45	December '44	Requested January '45	
42.000	42.00	19.00	20.00	
3.00	3.00	2.00	2.00	
4.00	4.00	2.10	2.30	
19.00	19.00	10.00	10.50	
3.00	3.00	1.50	1.50	
1.50	1.50	0.70	1.00	
5.30	5.30	1.80	1.80	
0.63	1.90	0.32	1.10 ~~0.70~~	Increase requested by AMG LAZIO-UMBRIA Region for cement factory, Calce e Cementi, Colleferro (Copy of letter enclosed)

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

G HEC... P... & U. S/C A.C. 5 DEC 1944 24 060

SUBJECT:- Electric Power Supply.

HQ ALLIED ARMIES IN ITALY

Tel: FILPOT 317

2055/DW

14 Dec 44.

27

Lt.Col. W.M. Lapper,
H.Q., A.C.
(Public Works & Utilities Sub Commission).

Copies to : C.E. 1 Dist.
C.G. 5 Army
C.G. P.B.S.

With ref to power demands for A.A.I. area, for January:

GRID SUPPLY

Peak Load KW x 10^3 = 41,25
KWH x 10^6 = 21.16

NON-GRID SUPPLY (Power generated locally by small units).

Peak load KW x 10^3 = 24,70
KWH x 10^6 = 8.9

Details of bids from No. 1,Dist all included in the above are enclosed.

528

ROY T. HARRIS,
Major, R.E.
for Brigadier,
Director of Works.

Dem'
41.25
24.70
65.95

KW H
21.16
8.9
30.06

33.20
92.75 Lire quoted
24.70
4.05

19.30
10.74
8.96
1.86

#No.1 Dist. Draft.

P.B.S Bologna Area

3.05
1.00
8.00

1.50
0.36
1.86

O IC
H.Q.

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

265

Lee

27A

21

19 Dec 44

Memorandum

The attached bids for power from No 1 Dist Fld Cl 3034/1 10 Dec. 44 were not approved at the 18 Dec 44 meeting of A.F.L. (1) B. & Fin. Comm.

HK Lang 5283
Capt

Subject:- Allocation of Electricity Supplies.

C.E. No 1 District.
(166 C.E. Works).
CE 3034/1.
10 DEC 44.

D.W.,
HQ, A.A.I.

Copy to:- Allied Force Local Resources Section, A.F.H.Q.
HQ No. 1 District

Herewith bids for allocation of electrical energy within the boundary of No 1 District for month of January, 1945.

CENTRAL ITALY GRID

	Present Allocation Peak KW x 10	Present Allocation Energy KWH x 10^6	Required Allocation Peak KW x 10	Required Allocation Energy KWH x 10^6	Reason
PERUGIA & FOLIGNO	4.50	2.50	5.00	3.00	Additional needs for olive pressing and brickworks etc.
SPOLETO	1.00	.60	2.20	1.35	Additional Mill in Cement Works.
ORVIETO & CHIUSI	1.50	1.00	1.50	1.00	
AREZZO	1.00	.60	1.00	.60	Allocated last month but not received.
SIENA	1.00	.60	1.00	.60	
ANCONA Province	1.00	.50	1.00	.50	
MACERATA Province	1.00	.50	1.00	.50	
ASCOLI Province	1.00	.60	1.00	.60	
SENIGALLIA & PESARO	1.00	.60	1.50	.90	Cement mills to start up.
TERNI & District	8.00	6.00	13.00	8.50	~~8000~~ Steelworks 1000KW Industrial Gases 1500KW Ammonia Factory 800KW Chemical Works.
ORTE - FOLIGNO - GUINCANO RAILWAY	5.00	1.50	5.00	1.75	

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

Herewith bids for allocation of electrical energy within the boundary of No 1 District for month of January, 1945.

CENTRAL ITALY GRID

	Present Allocation Peak KW x 10	Present Allocation Energy KWH x 10^6	Required Allocation Peak KW x 10	Required Allocation Energy KWH x 10^6	Reason
PERUGIA & FOLIGNO	4.50	2.50	5.00	3.00	Additional needs for olive pressing and brickworks etc.
SPOLETO	1.00	.60	2.20	1.35	Additional Mill in Cement Works.
ORVIETO & CHIUSI	1.50	1.00	1.50	1.00	
AREZZO	1.00	.60	1.00	.60	Allocated last month but not received.
SIENA	1.00	.60	1.00	.60	
ANCONA Province	1.00	.50	1.00	.50	
MACERATA Province	1.00	.50	1.00	.50	
ASCOLI Province	1.00	.60	1.00	.60	
SENIGALLIA & PESARO	1.00	.60	1.50	.9	Cement mills to start up.
TERNI & District	8.00	6.00	13.00	8.5	~~8000~~ Steelworks 1000KW Industrial Gases 1500KW Ammonia Factory 800KW Chemical Works.
ORTE - FOLIGNO - GUINCANO RAILWAY	5.00	1.50	5.00	1.75	
	26.00	15.00	33.20	19.30	

It is emphasized that though the increase asked for is not great and is only the added requirement for factories which are waiting to start operation; in effect, it is a large increase over present consumption; to date (10th), under 10,000 KW. is being received, until GALLETO is operating.

The non-grid allocation remains as for December.

(Signed) ??????? Major

for Brig.
C.E.

WR/FJC

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

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

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

Postal Address :
AFLRS, RAAC, CMF

TEL : ROME 66275

LRS/215A/26.

16 December 1944

SUBJECT : Allotment of Electric Power for January 1945.

TO : HQ, AC, Public Works & Utilities Sub-Commission.

1. Reference this office letter LRS/215A/11 dated 23 OCT 44 and further to this office letter LRS/215A/22 dated 14 DEC 44, enclosed herewith are copies of bids for the allocation of electrical energy in respect of No.1 District and No.3 District.

5281

S.J.B. LOUDEN, Major, DAQMG,
for Chiefs of Section,
A.F.L.R.S.

SJBL/gs.

Attached requests forwarded.

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

RECEIVED CT
P.W. & U. S/C A.C.
15 DEC 1944 214 060

O.P.W.+U. 5628

26

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

Postal Address:
AFLRS, RAAC, CMF.

LRS/215A/22.

Telephone:
ROME 66062

SUBJECT : Allocation of Electric Power;

TO : Public Works & Utilities
Sub-Commission, AC.

14 December 1944

Reference this office letter LRS/215A/11 dated 23 October 1944; notification has been received from RAAC that the bid for continued allocation of power to ROME Area remains unchanged for the month of JANUARY 1945, viz., 30,000 KW.

HEADQUARTERS
15 DEC 1944
A. C.

528

S.J.B.LOUDEN,
Major, DAQMG.
for Chiefs of Section.
A.F.L.R.S.

SJBL/dght

noted
W.W.A.C.

Col Laughlin

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

024

9/12/44

Cpl Bostatch :—

Folio 24 - agent of
Austin Power Com. A.F.L R.R.[illegible]
removed and placed in my
file on this subject.

[illegible]
Capt.

5273

CT RECEIVED
P.W. & U. S/C A.C.
7 DEC 1944 214

23

Subject:- Electricity Allocation.

C.E. No 1 District.
(166 C.E. Works).
CE 3034/1.
5 Dec 44.

H.Q. Allied Commission. A.P.O. 394
(for attention - Chief of Electrical Division).

Copy to:- Provincial Commissioner, PERUGIA District.
Provincial Commissioner, TERNI District.
71 Sub-Area.
52 CME Wks.

1. The following distribution of the electrical energy available at the TERNI group of power stations was allocated at a conference held at FOLIGNO on 5th Dec 44.

Steelworks TERNI	2,000 KW per hour.
Papigno Carbide and the) S.I.R.I. Hydrogen Plant)	800 KW per hour.
Interamna Coy.	1,200 KW per hour.
Spoleto	1,000 KW per hour.
FOLIGNO and PERUGIA	2,500 KW per hour.
RIETI	700 KW per hour.
Total	8,200 KW per hour.

2. Will you please ensure that this distribution is maintained, and not exceeded, at the power stations.

3. In the event of overloading caused by an inadequate power supply, the loads listed above are to be cut off in this order

1. RIETI
2. INTERAMNA Coy.
3. PAPIGNO Carbide.
4. SPOLETO.

4. It is essential that these amounts are actually made available in order to operate any sound rationing scheme, and if any feeder exceeds their allocation the supply should be cut off until steps have been taken to reduce the load on that feeder.

Lt Col Rapper

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

1. The following distribution of the electrical energy available at the TERNI group of power stations was allocated at a conference held at FOLIGNO on 5th Dec 44.

Steelworks TERNI	2,000 KW per hour.
Papigno Carbide and the) S.I.R.I. Hydrogen Plant)	800 KW per hour.
Interamna Coy.	1,200 KW per hour.
Spoleto	1,000 KW per hour.
FOLIGNO and PERUGIA	2,500 KW per hour.
RIETI	700 KW per hour.
Total	8,200 KW per hour.

527

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3. In the event of overloading caused by an inadequate power supply, the loads listed above are to be cut off in this order

1. RIETI
2. INTERAMNA Coy.
3. PAPIGNO Carbide.
4. SPOLETO.

4. It is essential that these amounts are actually made available in order to operate any sound rationing scheme, and if any feeder exceeds their allocation the supply should be cut off until steps have been taken to reduce the load on that feeder.

Lt Col Roffen
Maj 8/12

Brig.
C.E.

WR/FJC.

5.12
8
13.50

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

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

22 OCT Recd

Lt. Col. Lapper - P&U

22 Oct

Tel: 546

HEADQUARTERS
ALLIED CONTROL COMMISSION
ECONOMIC SECTION
APO 394

LDD/ml

ES/4B

20 October 1944

file

SUBJECT: Electric Power Committee Members

TO : Allied Force Local Resources Section
R.A.A.C. - C.M.F.

Reference your letter dated 30 September 1944 - file LRS/218/4, paragraph 2. Representative and alternate of Allied Control Commission will be:

Representative - Lt. Col. W. M. LAPPER (B)

Alternate - Capt. L. W. LAUGHLIN (A)

For the Acting Chief Commissioner:

5277

A. G. ANTOLINI
Acting Deputy Chief of Staff
Economic Section

cc: Lt.Col. Lapper, P&U S/C ✓
Capt. Laughlin
Mr. Cleveland

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

By Special Messenger.

22 NOV Recd

194 CRO

File 21

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

Postal Address:
AFLRS, RAAC, CMF.

LRS/215A/16

Tel.No. ROME 66275

SUBJECT: Allocation of Electric Power.

21 November, 1944

TO : Public Works & Utilities
Sub-Commission HQ AC.

Further to this office letter of even reference dated 15 November, 1944, enclosed herewith is a copy of revised demands just received from HQ. 1 District.

Handled at 22 Nov. 44 meeting A.F.L.R. Elec. Com.

S.J.B.LOUDEN,
Major, DAQMG.,
for Chiefs of Section,
A.F.L.R.S.

AR/ragh.

527

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

C O P Y

	Permissable Peak (1.5Min) KW x 10^3		KWH x 10^6 for month	
CENTRAL ITALY	Grid	Non Grid		
AREZZO.	1.00 ✓	1.00 ✓	1.2 ✓	Can be LARDARE
SIENA	1.00	.500 ✓	.8 ✓	Can be LARDARE
TERNI and District	5.50 ✓	-	3.5 ✓	
SPOLETO	1.00 ✓		.6 ✓	
X PERUGIA and FOLIGNO	4.50 ✓	1.00 ✓	3.0 ✓	
VITERBO and ORVIETO	1.50 ✓	-	1.0 ✓	
ANCONA Province	1.00* ✓	2.700 ✓	2.0 ✓	* Connect be comp
MACERATA PROVINCE	1.00* ✓	1.000 ✓	1.2 ✓	
TOLENTINO Area	- *	1.000 ✓	.5 ✓	
ASCOLI Province	1.00* ✓	2.500 ✓	2.0 ✓	
SENIGALLIA and PESARO	1.00* ✓	-	.5 ✓	
	18.50	9.700	16.3	

RAILWAYS.

ORTE - FOLIGNO - GUINCANO	5.00 ✓	-	1.5 ✓

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

Permissable Peak (1.5Min) KW x 10^3 Grid	Non Grid	KWH x 10^6 for month	Remarks
1.00 ✓	1.00 ✓	1.2 ✓	Can be met from LARDARELLO.
1.00	.500 ✓	.8 ✓	Can be met from LARDARELLO.
5.50 ✓	-	3.5 ✓	
1.00 ✓		.6 ✓	
4.50 ✓	1.00 ✓	3.0 ✓	
1.50 ✓	-	1.0 ✓	
1.00* ✓	2.700 ✓	2.0 ✓	* Connecting OVH lines to be completed by Dec.1.
1.00* ✓	1.000 ✓	1.2 ✓	
- *	1.000 ✓	.5 ✓	
1.00* ✓	2.500 ✓	2.0 ✓	
1.00*	-	.5 ✓	
18.50	9.700	16.3	

NCANO
5.00 ✓ - 1.5 ✓

3.0 3.5 / 2.45

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

Area served	Responsability of	Grid		Non Grid	
		KW allocated nov.	KWhr-Consumed in oct.	KW allocated nov.	KWhr-Consumed oct.
Ancona Prov.	I District	—	—	2,700	400,000
Arezzo	do	—	—	1,000	?
Ascoli Prov.	do	—	—	2,500	
Macerata	do	—	—	1,000	1,000,000 (Estimated, based upon one week in October).
Tolentino	do	—	—	0,700	
Ceprano-Colleferro	III District	0,250	120.000	—	—
Civitavecchia (Soc. Volt.)	R.B.S.	3,000	445.300	—	—
Florence	I District	—	—	4,000	3,500,000
Perugia & Foligno	do	3,500	—	—	?
Rome (S.R.E. & ACEA)	R.A.B.C.	13,100 plus entire output of thermal plants	15,869,304	—	—
Siena	I District	—	—	1,000	320,000
Sinigallia & Pescara	do	—	—	1000	?
Spoleto	do	1,000	1,208,047	—	—
Terni Dist.	do	4,500	2,908,348	—	—
Viterbo	do	0,500	200,000 (Estimated upon basis of June-July reports).	—	—
	Total	25,850			

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

19

ENGINEER SERVICE
PENINSULAR BASE SECTION
FWD ECH
APO 782

NGV Rec'd

GC/ap

13 November 1944

SUBJECT: Electric Power Allocation December 1944.

TO : Electric Power Committee, Allied Forces Local Resources Section AFHQ, RAAC, CMF.

The following allocations of electric power for the month of December 1944 are requested:

a. Southern Italy:

(1) Naples District 35,000 KW 19,000,000 Kwh

(2) Santa Maria 5,500 KW 2,300,000 Kwh

b. Central Italy:

(1) Civitavecchia 3,000 KW.

For the Engineer Officer:

G. COOLEY.
Lt. Colonel, Corps of Engineers,
Committee Member.

handled at meeting
22 Nov. 44
A.F.L.R. Sec.
Com. file

527

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

HEADQUARTERS
SOUTHERN REGION ALLIED COMMISSION
Public Works &Utilities Section
APO 394

13 November 1944.

SUBJECT : Electric Power Allotment
Southern Italy - December 1944. -

TO : Headquarters Allied Commission
Public Works &Utilities Section
Attention Lt. Col. W.M. Lapper

1. I am enclosing herewith a recommended allotment of electric power for Southern Italy for the month of December 1944.

2. I have discussed this matter with Major Stevenson of 3 District and Capt. Rogers of P.B.S. and they have agreed to the recommended allotment.

For the Regional Engineer :

R. A. RYAN
Capt. Spec. Res.

RAR/rb

Enclo.

APPENDIX "B"

RECOMMENDED ALLOTMENT OF ELECTRIC POWER - DECEMBER 1944.

AREA SERVED	RESPONSIBILITY OF	PERMISSIBLE 15 minute peak KV x 10^3	PERMISSIBLE Energy KVH x 10^6
SOUTHERN ITALY			
APULIA CO.	3 District	42.00	19.00
APULIA CO. to UNES	3 "	3.00	2.00
NAPLES District	PBS	35.00	13.00
CAMPANIA CO.			
(i) Pomigliano	3 District	4.00	2.10
(ii) Salerno-Torre-Cast.	3 "	19.00	10.00
(iii) Benevento	3 "	3.00	1.50
(iv) Calore	3 "	1.50	0.70
(v) S. Maria	PBS	5.50	2.30
LUCANIA CO.	3 District	5.30	1.80
	TOTAL.....	118.30	53.60
CALABRIA 60 KV System			
(i) Calabria Co.	ACC	9.50	3.20
(ii) Crotone Plant	ACC	2.00	1.30
	TOTAL.....	11.50	4.50
RAILWAY			
Naples Area 150 KV System	DGMRS	1.50	0.70
Foggia-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
Total Railway Load on 60 KV System		3.00	1.50
Total 150 KV at Substations		126.30	~~61.80~~ 61.6
Total 60 KV at Substations		14.50	6.00
TOTAL 150 KV and 60 KV.....		140.80	67.80
Total at Plants.....		160.00	80.00

5271

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

(ii) Salerno-Torre-East.	3	"	18.00	10.00
(iii) Benevento	3	"	3.00	1.50
(iv) Calore	3	"	1.50	0.70
(v) S. Maria		TPS	5.50	2.30
LUCANIA CO.	3	District	5.30	1.80
		TOTAL.....	118.30	58.60

CALABRIA 60 KV System

(i) Calabria Co.	ACC	9.50	3.20
(ii) Crotone Plant	ACC	2.00	1.30
	TOTAL.....	11.50	4.50

RAILWAY

Naples Area 150 KV System	DGMRS	1.50	0.70
Foggia-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
Total Railway Load on 60 KV System	3.00	1.50
Total 150 KV at Substations	126.30	61.30 61.6
Total 60 KV at Substations	14.50	6.00
TOTAL 150 KV and 60 KV.....	140.80	67.20
Total at Plants.....	160.00	527 10.00

58.46
3.20
61 60

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

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

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

3319
17

LRS/215A/13

Postal Address
AFLRS, RAAC, CMF.

SUBJECT : Allotment of Electric Power.

15 November, 1944.

TO : Public Works & Utilities
Sub-Commission, AC.

TEL.No. ROME 66275.

Reference this office letter LRS/215A/11 dated 23 October, 1944.

The only application for change in allocation of power received to date by this Section is enclosed herewith.

S.J.B.LOUDEN,
Major, DAQMG.,
for Chiefs of Section,
A.F.L.R.S.

SJBL/ragh.

Encl.

HEADQUARTERS
16 NOV 1944
A. C.

Handled at 22 Nov 44 meeting of A.F.H.Q. Plans Comm. file

5273

15

Tel:489081

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

ACC/158/PWU

22 Aug,44

SUBJECT : Electric Power Allocations for Sept.44

TO : Regional Engineer

Capt. Ryan	3
Reg. South	2
Reg. IV	2
Reg. V	2
Reg. VIII	1
Wilo	1
IRBF (Capt Roughlin	1
Maj. Wooster	1
Maj. Renton	1
Maj. Barry	1
Col. Lapper (PWC)	1

The attached letter from HQ.AAI 2131/1/Q2 dated 19 Aug, 44 , is forewarded for information .

W.H.LAPPER,
Lieut-Colonel,
Chief, W&U & Adm.Div.

OFFICIAL

5220

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

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

5

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

LWL/ac

ACC/060/PWU

20 May 1944.

Subject : Priorit ies, Electric Power Users.

To : Headquarters Region II. (1)
" " III. (1)
" " IV. (2)
" " V. (2)
" " VII. (1)
Lieut-Colonel W.M. Lapper (1)
Major W.F. Chamberlin (1)
Capt. L.W. Laughlin (1)
Capt. R.A. Ryan (1)
Lieut. P.A. Sprolia (1)
Lieut. E.P. Wade-Brown (1)
Lieut . J.W.L. Butcher (1)

Attached letter 2131/1/Q2, dated 21 May 1944, is forwarded for information .

W.M. LAPPER,
Lieut-Colonel,
Chief Public Utilities & Adm. Div.

see meeting
AFLR (I) B
dated 18 April when
this was approved.

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

13 OCT 1944

HEADQUARTERS
ALLIED CONTROL COMMISSION
INDUSTRY SUB COMMISSION
CHEMICALS DIVISION
APO 394

4

Tel. 478090
Ref. ACC/5628/IND

RSO/ab

II October 44

Subject: Electric power for Montecatini plant, Crotone

To: Public Works & Utilities Sub-Commission
(Att. Col. Lapper)

I. Reference is made to our letter ACC/5628/IND, dated 7 September 44 and verbal information given by Capt. Laughlin to this Sub-Commission on 7 September 44.

2. Subject to provision of the necessary electric power the Mon=tecatini-plant at Crotone is ready to start production of nitrogenous fertilizer under the control of Industry Sub-Commission.

3. For the minimum basis production I4,000 KW are required, corresponding to a consumption of 336,000 KWH daily and about IO million KWH monthly.

4. It is requested that these I4,000 KW be allocated to the above plant by Ist November I944.

14,000
10,000,000

5. In order to avoid heavy damage to delicate and valuable equipment this industry, once started, has to continue operation. Therefore, electric power must be put at the disposition of the plant without interruption. It is however understood that interruptions in consequence of break-downs at the electric power stations and other circumstance beyond human control cannot be avoided and that the plant has to accept risks of that kind.

For the Acting Chief Commissioner:

W.S. VAUGHAN
Director
Industry Sub-Commission

Copy to:
Economic Section

handled
21 Oct 44
A.F.H.Q.
meeting
Econ. Sec.

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

6 SEP Rec'd

HEADQUARTERS
ALLIED CONTROL COMMISSION
INDUSTRY SUB COMMISSION
APO 394

4 a

Tel. 636
Ref. ACC/5628/IND

RSO/ab

5 September 44

Subject: Demand for electricity for Montecatini, Crotone.

To: Public Works & Utilities Sub Commission
(Att. Col. Lapper)

I. Montecatini, Crotone is being reactivated under control of Industry Sub-Commission for the production of nitrogenous fertilizers. It will be the first plant of this type in Italy restarting production.

2. In order to start the plant on a minimum basis programme I4,000 KW. are required, corresponding to a consumption of 500,000 KWH. daily (I5,000,000 KWH.monthly).
10,080,000

3. It is requested that the above I4,000 KW. be allocated to the above plant.

4. It is pointed out that for technical reasons this industry cannot be stopped, once started, without damaging heavily delicate and valuable equipment. Therefore, it is necessary that allocation be available without interruptions and in a continuous way.

5. Furthermore it must be borne in mind that, also for technical reasons, the plant cannot use on the first working-day the entire I4,000 KW. but only 2,000 to 3,000 KW., increasing this figure gradually to the mawimum of I4,000 KW. in the course of the first three weeks.

Supply Machinery
782
Ind. S.C. 348

Lt Col Lapper

John S Todd

J.S.E TODD
Colonel
Acting - Director
Industry Sub-Commission

Copy to:
~~Economic Section~~

21 -

45

1-month to get started.

M

Dec. Jan. Feb.

75 - tons daily

30

2250 1 mo 6000 tons.

normal operation 250

130,000

6500.00

1 ac.

46,000

13. 6000.00

52

80

46,000

13

138 0.00

46 0.000

5980.00

45 ✓

46,000 tons for Ultimate Daily

300,000 tons normal pre war requirements

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

30 / 6 mo 6000 tons.
2250

normal aptation 350 130,000
650,000

1 yr.

46,000
.13 | 6000.00
52
80

46,000
13
138 0.00
46.000
5-9800,00

45 to 1

46,000 tons for liberated Italy

300,000 tons normal fuel war requirements
tons estimated for five years

5/0 - 130,000

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

FORM FOR USE IN REQUISITIONING PROPERTY

REQN. NO._____

UNITED STATES ARMY
ARMATA DEGLI STATI UNITI D'AMERICA

DATE:
DATA:_____

The following items of property have been taken by the United States Army from

Owner or possessor and Address

_____

_____

_____

Le seguenti proprietà sono state requisite per l'Armata degli Stati Uniti d'America

_____
Signature Firma

_____
Address Indirizzo

Description of property (Indicate condition). (If motor vehicle, engine, chassis, and Italian license numbers must be shown)

Descrizione della proprietà requisita (Indicatene lo stato)

_____

_____

_____

_____

_____

_____

I certify that the property described above is required for immediate use in military service. Payment has not been made

Io dichiaro che le su descritte proprietà sono necessarie per usi militari e che nessun pagamento è stato fatto per

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

Address Indirizzo

Description of property (Indicate condition). (If motor vehicle, engine, chassis, and Italian license numbers must be shown)

Descrizione della proprietà requisita (Indicatene lo stato)

I certify that the property described above is required for immediate use in military service. Payment has not been made for use or possession thereof.

Io dichiaro che le su descritte proprietà sono necessarie per usi militari e che nessun pagamento è stato fatto per il loro uso o possesso.

Name Rank Orgenization ASN

Name of Headquarters or Office

You will be notified at a future date whom to present this certificate to for consideration of your claim.

Sarete informato prossimamente a chi dovete presentare questo certificato, affinchè il vostro reclamo venga preso in considerazione.

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

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

4c

Memorandum for Cap. Ryan

MONTECATINI - CROTONE

We have obtained from the factory the following data:

1) Repair works are almost finished

2) The demand would be of 14.000 KW continous with about 10 mil Kwh/month

3) They have no raw materials. They have applied A.C.C. on this matter

4) They could also work for only 1 month and then begin once more according to disponibility of energy.

Naples, the 29th July 1944

TM/pz

5267

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

2

HEADQUARTERS
SOUTHERN REGION, ALLIED CONTROL COMMISSION
APO 394 U.S. ARMY.

11 September 1944.

SUBJECT: Allotment of Electric Power - October, 1944.

TO : Headquarters, Allied Control Commission
Public Works & Utilities Sub-Commission
(Att. Lt. Col. W.M. Lapper).

1. I am enclosing herewith a recommended allotment of electric power, for Southern Italy for the month of October 1944.

2. I submit the following justification for changes in allotment.

a) Apulia Co. - An increase of 1000 KW and 500.000 KWH/ month is recommended to provide power for numerous flour mills and olive oil factories in that area.

b) Naples Distribution - It is recommended that an increase of 1500 KW and 300.000 KWH/ month be alloted to provide power for additional tramway service in the Naples area.

c) Pomigliano - It is recommended that an increase of 500 KW and 300.000 KWH/ month be alloted to provide lighting service for domestic consumers and power service for many small factories in that area. These consumers have been without service for the past year.

d) Salerno - Torre - Caste. - It is recommended that an increase of 500 KW and 300.000 KWH/ month be alloted to provide for the connection of many small factories which were disconnected in April and May of 1944. 526

e) St. Maria - It is recommended that an increase of 500 KW be alloted to provide lighting service to domestic consumers and power for small factories in that area, these

handled at 28 Sept 44 meeting A.L.I.C. Fld. Com RHLc

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

consumers have been without electric service for the past year. The present allotment of KWH is sufficient to provide for this increased load.

f) Calabria Co. - It is urgently recommended that this company have a separate allotment from Montecatini at Crotone. Due to the dicrease in output of local hydro plants it is recommended that the Calabria Co. have an allotment of 9500 KW and 3.000.000 KWH/ month from the 60 KV network.

g) Montecatini at Crotone. - It is recommended that Montecatini be given a separate allotment of 2000 KW and 1.300.000 KWH/month.

h) State Railways - Foggia - Benevento. - It is recommended that an increase of 500 KW and 200.000 KWH/ month be alloted to provide for an increased load on the railway line.

3. It is apparent that the SOCIETA' MERIDIONALE DI ELETTRICITA' has sufficient generating, transformer, and transmission line capacity to carry this recommended increase in load.

4. The KWH situation in Southern Italy is satisfactory, as of 31 Aug.44 there was a reserve of 214.792.100 KWH in storage in reservoirs. On the basis of present consumption it is estimated that there will be 167.700.000 KWH in reservoir storage on 30 September and with an estimated consumption of 70.000.000 KWH in October we estimate a reservoir storage of 135.000.000 KWH on 31 October 1944.

R.A. RYAN
Capt. Spec. Res.
South Italy
Electrical Engineer.

RAR/rb

Encl.

5262

Copy to : - Southern Region Engineer.

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

RECOMMENDED ALLOTMENT OF ELECTRIC POWER - OCTOBER 1944

AREA SERVED	RESPONSIBILITY OF	PERMISSIBLE 15 minute Peak KW x 10^3	PERMISSIBLE Energy KWH x 10^6
SOUTHERN ITALY			
Unes		1,50	1,0
Apulia Co.	2 District	38,00	18,0
Naples.	PBS	30,50	15,8
Campania Co.			
(i) Pomigliano	3 District	3,50	2,3
(ii) Salerno-Torre-Cast.	3 District	17,50	9;7
(iii) Benevento	3 District	1,75	1,0
(iiii)Calore	3 District	1,35	0,6
(iiiii) Santa Maria	PBS	4,50	1;5
Lucania Co.	2 District	5,00	1,5
	Total.	103,60	51,4
CALABRIA 60 KV SYSTEM			
Calabria CO. (Exclusive of Savuto Plant)	ACC	9,50	3,0
Montecatini		2,00	1,3
		11,50	4,3
RAILWAYS			
Naples Area 150 KV System	DGMRS	1,00	0,7
Foggia Benevento 150 KV System	DGMRS	4,50	1,5
Salerno-Torre 150 KV System	DGMRS	2,00	1,00
TOTAL Railway Load on 150 KV System		7,50	3,2
Railway load on 60 KV System		3,00	1,5
	Total Railway	10,50	4,7
Total 150 KV at Substations		111,10	54,6
Total 60 KV at Substations		14,00	5,8
Total at Plants		130,50	~~70,0~~ 520

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

ALLOCATION OF POWER IN No. 1 DISTRICT.

AREA	Population Served	Present Allocation	KWH Produced in Area	Anticipated Increase - Nov.	KWH required Daily	Increase over previous month
FLORENCE	850,000	7,000 X 24	NIL	?	7,000 X 24	
AREZZO	316,000	with FLORENCE	700 X 24	300 X 24	1,000 X 24	1,000 KW. Note 1.
SIENA	260,000	NIL	300 X 24	?	1,000 X 24	? See Note 2
TERNI & District	150,000	5,500 X 24	18,000 X 24	2,000 X 24	4,500 X 24	
SPOLETO	40,000	with TERNI	-	-	1,000 X24	3,500 KW Note 3.
PERUGIA & FOLIGNO	534,000	with TERNI	750 X 24	300 X 24	3,500 X24	
VITERBO Province	236,000	Unofficial	-	-	500 X 24	500 KW.
ANCONA Province	372,000	6,300 X 24	1,250 X 24	1,500 X 24	2,750 X 24	Note 4
MACERATA Province	190,000	with ANCONA	700 X 24	250 x 24	1,000 X 24	
TOLENTINO Province	100,000	" "	700 X 24	500 X 24	700 X 24	300 KW
ASCOLI Province	303,000	" "	1,750 x 24	1,000 X 24	2,500 x 24	Note 5
SENIGALLIA & PESARO	311,000	NIL	NIL	NIL	1,000 X 24	

Here allocations handled at 28 Sept meeting of A.F.H.Q. Economic Committee

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ALLOCATION OF POWER IN No. 1 DISTRICT.

Present Allocation	KWH Produced in Area	Anticipated Increase - Nov.	KWH required Daily	Increase over previous month	Main Station from which supply is given	REMARKS.
7,000 X 24	NIL	?	7,000 X 24		MERA MONTERO	
with FLORENCE 700 X 24	300 X 24		1,000 X 24	1,000 KW. Note 1.	LA LAMA	Supplies 200 KW Mil. Installations 100KW Sawmills 50 KW Nail Factory 200 KW Mines.
NIL	300 X 24	?	1,000 X 24	? See Note 2	LARDARELLO TERMI	Supplies 2000KW Steel Works 1000KW Industrial gases 100KW Mil. Installations ? Chemical Factory
5,500 X 24	18,000 X 24	2,000 X 24	4,500 X 24			
with TERNI	-	-	1,000 X24	3,500 KW Note 3.	TERNI	Supplies (ACC) 600KW WD Cement Wks. 200KW Lignite Mines
with TERNI	750 X 24	300 X 24	3,500 X24		TERNI	Supplies 500KW Fly. Wksps. 200KW.D.W. Wksps. 200KW Mil. Hospitals 300KW Mil. Installations.
Unofficial 6,300 X 24	- 1,250 X 24	- 1,500 X 24	500 X 24 2,750 X 24	500 KW. Note 4	TERNI PEDASO	Supplies 1,000KW Mil. Installations. 250KW Water Pumping. and Coastal towns N. of P.S. GIORGIO
with ANCONA	700 X 24	250 x 24	1,000 X 24	-		Supplies 200 KW Mil. Installations
" "	700 X 24	500 X 24	700 X 24	300 KW Note 5		
" "	1,750 x 24	1,000 X 24	2,500 x 24			
NIL	NIL	NIL	1,000 X 24			At present 150 KW Mil Hospitals.

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45.

2

Total. Present Allocation 18,800 Kw Future Allocation 26,450 +
" Production 24,150 Kw " Production 30,000

Syracuse Chas Work

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NOTE: 1. AREZZO District can be self-supporting but it is intended to tie in with the grid for load-equalizat increase asked for is more apparent than real as the local station will supply all requirements.

2. SIENA. Allocation not previously asked for as district was under control 5th Army, but 500 KW has b ex LARDARELLA.

3. The apparent substantial increase is necessitated by the extra consumption of repaired plants and by there was always a surplus of energy allocated but not used elsewhere (example FLORENCE).

4. This district also obtained an unallocated amount, and I propose that this now be regularised.

5. This district is barely self-supporting and the supplies previously allocated ex S.M.E. have not yet to the TERAMO, PESCARA, AQUILA and RIETI provinces are not now included in this heading but require No. 3 District.

9.5 02
16.5 02

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n be self-supporting but it is intended to tie in with the grid for load-equalization purposes. The load
is more apparent than real as the local station will supply all requirements.

not previously asked for as district was under control 5th Army, but 500 KW has been previously supplied

antial increase is necessitated by the extra consumption of repaired plants and by the fact that previously
surplus of energy allocated but not used elsewhere (example FLORENCE).

obtained an unallocated amount, and I propose that this now be regularised.

arely self-supporting and the supplies previously allocated ex S.M.E. have not yet materialized. The supplies
UARA, AQUILA and RIETI provinces are not now included in this heading but require to be met elsewhere i.e.

9.5 02
16-5 02

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RACCOGLITORE "ITALIA„

EDUCATION

SCREENING

Fascicolo ..... N. .....

Città .....

Via ..... Provincia .....

Ditta .....

0199