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

ACC 214/PWU

10000/150/590
(VOL. 2) (2ND PART)
(Op. MARCH 14)

AFLRB, EL
MAR. - SEP

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

10000/150/590
(VOL. 2)(2ND PART)
(Op. MARCH 14)

AFLRB, ELECTRICAL POWER COM'TEE
MAR. - SEPT. 1945

8202

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

Tel. 489081
Ext. 317

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

LWL/ac

214/PWU

3 September 1945

Subject : Electricity Allocation
Central Italy - September '45

To : MINISTRY OF PUBLIC WORKS
(Att. Eng. A.ASta)

1. Attached allocations of power for the Provinces of Frosinone, Rieti, Viterbo, Rome and Aquila for September '45 are passed to you.

2. This information should be given to the Provincial Commissions which control electric power in the areas involved.

GEORGE F. BARKER
Lt-Colonel, Inf.
Chief Elec. Div.

Enclosure
1 copy of allocations

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

Tel. 489081
Ext. 317

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

LWL/ac

214/PWU

3 September 1945

Subject : Increase allocation of 60 KV Electrical Power for Military Railway Service - Southern Italy

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

1. Attached letter requesting an allocation of 2000 KW additional power for the Salerno-Calabria R.R. is forwarded for further action.

2. There has been no improvement in the electric power supply situation in Southern Italy since the Electrical Power Committee meeting of 25 August 1945.

For the Chief Commissioner,

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

cc : Director M.R.S., C.M.F. (Att. Lt. E.C.Lyon)
cc : No. 1 District Hqts (Att. Maj. Stevenson S.O.E. & M.)

Enclosure
copy letter dated 28th August 1945 from M.R.S.

133 Refers 5542

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

Tel. 489081
Ext. 317

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

LWL/ac

137

214/PWU

3 Sept. 45

Subject : Allocation of Electric Power
for Military Railway Service,
Southern Italy, Line Villa Literno - Aversa

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

1. Attached letter requesting an allocation of 2,000 KW in order to electrify a portion of the Rome-Naples R.R., near Naples, is forwarded for further action.

2. There has been no improvement in the electric power supply situation in Southern Italy since the Electric Power Committee meeting of 25 August 1945.

For the Chief Commissioner,

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

cc : Director M.R.S., C.M.F. (Att. Lt. E.C. Lyon)
No. 1 District Hqts (Att. Major Stevenson S.O.E. & M.)

Enclosure
Copy letter dated 28th August 1945 from MRS, CMF

134 Refers

5547

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

RECEIVED
P.W. & U S/C A.C
30 AUG 1945 214

135

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION

AHJ/dg

Tel. 489081 - Ext. 396

28 August 1945

Ref: AC/5628/IND

SUBJECT : Power Allocation, Chemical Works Nera Montoro.

TO : Public Works & Utilities Sub-Commission.

126

1. Letter from A.F.L.R.S. Ref. LRS/215B/207 addressed to Industry S/C ALCOM (Info copies to PW & U S/C ALCOM and Hq. No.3 Dist.) refers.

2. The works was verbally notified by this Sub-Commission that the allocation was available and that they could commence picking up the load. As of 28 August 45 the load of the Nera Montoro works was 12-13000 KW.

3. The director of the works informed this Sub-Commission that the load would be 15000 KW as of 1 Sept. 45, and that a tabulated report of power demands would be forwarded to this Sub-Commission for each 15 day period.

Andrew Haban Jr.
ANDREW HABAN JR., Maj.

for A.H. GLENDINNING
Colonel,
Acting Director,
Industry Sub-Commission.

Copy to:
Headquarters No.3
District
Allied Force Local
Resources Section
AFHQ.
Economic Section

55/49 L

no action required
Hilton
11/9/45

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

134

Subject;- Allocation of Electric Power for Military Railway Service, Southern Italy. Line Villa Literno - Aversa.

RECEIVED
P.W. & U. S/C A.C.
29 AUG 1945 214

Military Railway Service
C.M.F.
Tele: Firebox 9384
Tn.A.3.(E)/15.
28th August 1945.

To:- Public Works and Utilities Sub-Commission, A.C., R.A.A.C.

Copy to:- Servizio Lavori e Costruzioni,(Ref. your letter NL.7.19/ Italian State Railways - Bldg. 51593 dated 26 August 1945).

N° 1 District H.Q., (Attention Major Stevenson. S.O.E & M).

1. It is proposed to re-energise the Villa Literno - Aversa section of the Rome - Naples electrified line by means of a mobile substation stationed at Villa Literno.

2. Power at 60 K.V. will be obtained from switching and transformer cabin at Villa Literno which is fed from the Società Meridionale di Elettricità (S.M.E),Naples.

3. Power consumption will be 360,000 K.W.Hs. per month with a maximum 15 minute peak of 2,000 K.W.

4. It is requested that an allottment of power be made available from the S.M.E. commencing 15 September 1945 to cover this demand.

called Maj Lawder
called Maj Stevenson
called Lt. Lyon
1/9
1/9
3/9

137 Aufs

12 - 3rd Part refers

E. de K. Lyon LT. R.E.
for Major, R.E.
for Brigadier,
Director, Military Railway Service.

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

133

Subject:- Increase allocation of 60 KV. Electrical Power for Military Railway Service - Southern Italy.

RECEIVED
P.W. & U. S/C A.C.
29 AUG 1945

Military Railway Service
C.M.F.
Tele: Firebox 9384
Tn.A.3.(E)/15.
28th August 1945.

To:- Public Works and Utilities Sub-Commission, A.C., R.A.A.C.

Copy to:- Servizio Lavori e Costruzioni, (Ref. your letter NL 7.19/ Italian State Railways - Bldg. 51594 dated 26th August 1945).

N° 1 District H.Q.
(Attention Major Stevenson. S.O.E & M).

1. The Military Railway Service are allocated from the Societa Meridionale di Elettricità (S.M.E) of Naples a permissable 15 minute peak of 3,000 K.W. for operation of the Salerno - Reggio Calabria electrified line.

2. This allottment has now proved insufficient to meet the electric traction load for the line in question.

3. To meet the additional load it is requested that a further 2,000 K.W. be made available as soon as possible making a total power allocation of 5,000 K.W. for this line.

1/9 called Mr Fowden
1/9 called Maj Stevenson
3/9 called Lt. Fegan.

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

138 Ref 553

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

PW+U 132

Subject :- Electricity Allocation - Central ITALY Sept '45.

Chief Engineer,
3 District CMF,
BASEMAIL 84.
CE 6004/2/1

26. Aug '45.

Regional Engineer Umbria Marche Region AC.

HEADQUARTERS ALLIED COMMISSION 29AUG1945

18 CRE Wks.
104 CRE Wks.

RECEIVED
P.W. & U. S/C A.C.
30 AUG 1945 214

1. The allocation of electric power for the month of Sept '45 to the Area of Central ITALY under 3 District control, and supplied by the Central ITALY grid is :-

PROVINCE	0600 to 2200 hrs KWx10³	0600 to 2200 hrs KWHx10⁶	2200 to 0600 hrs KWx10³	2200 to 0600 hrs KWHx10⁶
FROSINONE	3.00	1.00	1.50	.35
RIETI	1.50	0.70	1.25	0.30
VITERBO	1.50	0.70	1.25	0.30
ROME	1.50	0.70	1.00	0.22
ACQUILA	1.50	0.70	1.00	0.23
TOTAL	9.00	4.00	6.00	1.40

2. As no margin of power had been reserved, any essential military load which may require connection during the month will necessitate surrendering part of the balance now handed over for civil requirements.

5537

handed to Bkt from 2/9/45

J. Stevenson

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

JS/CHF.

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

Folio
131

This Folio removed
and sent to the Controller
Board R.C.A.F. Sent
to P.W.D. by mistake.

T. McLaughlin
Major
7/8/43

Subject was recommendation
of electric water heaters.
Letter dated 2/8/43 -
~~Comd~~ from Civilian
Provincial Comm.

5538

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

127

28/Aug/43

Major Hobin Ind S.C. called termi
chemical works and reports that
Neo Montero chemical works
is taking 12,000 to 13,000 kw
at the present time and expects to
be up to 15,000 kw by
15th Sept.

126

Follo refers.

H.H. Laughlan Major

5535

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

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

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

TEL : 66275 RCBR

LRS/215B/207.

RECEIVED
P.W. & O. SECTION
28 AUG 1945 214

27th August 1945

SUBJECT : Power Allocation, Chemical Works Nera Montoro.

TO : HQ Allied Commission, Industry Sub-Commission.

1. Reference your AC/5628/IND dated 22 AUG 1945.

2. Your request for the utilization of system surpluses of electric power in Central Italy to a peak load of 15,000 KW for the Nera Montoro Chemical Works was approved by the Electric Power Committee at its meeting held on 25 AUG 1945. The approval was given subject to the consumption of this plant not affecting existing allocated load.

3. Will you please notify HQ No 3 District and Public Works & Utilities Sub-Commission HQ ALCOM when you desire to commence drawing against the above allocation.

Folio 119 & 127 Refers

135 refers

D. K. MICHAELSON, Lt.Col.,
Chief of Section (Er),
A.F.L.R.S.

SJEL/ga.

Copies to:- Headquarters, No 3 District.

HQ, ALCOM, Public Works & Utilities Sub-Commission.

5534

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

Fil-

Tel. 317 HEADQUARTERS ALLIED COMMISSION LWL/ac

INTER OFFICE MEMO

195

214/PWU 20 August 1945

Subject : Increase of Power Allocation to Terni Company's Nera Montoro Plant

To : Industry Sub-Commission (Att. Mr. V. Dorkovich)

From : Public Works and Utilities Sub-Commission

Reference AC/5651/IND / 119 16 August 1945.

1. Confirming our telephone conversation of to-day, Public Works and Utilities Sub-Commission does not have the authority for power allocations.

2. This is the responsibility of the Electric Power Committee of the A.F.L.R.(I) B. on which A.C. is represented by Industry Sub-Commission.

3. Since the Nera Montoro plant is in Italian Government Territory the request should be initiated by the Terni Company through established channels in accordance with attached memorandum dated 19 March 1945.

4. Industry Sub-Commission can, however, assist on the matter by also making application to the C.E. of the Military District in which the factory is located, asking that the request be formally presented at the next Electric Power Committee meeting scheduled for 25 August 1945. Industry S/C can support the request through its representative at the same meeting.

ac/folio 119

GEORGE F. PARKER 3533
Lieut-Colonel Inf.
Chief, Elec. Div.

1 enclosure

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

Tel : 489081
Ext 317

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

214/PWU. 16 Aug 45

Subject: Electricity Supply for Allied College, Perugia.

To : UNES Company.

1. It is understood that 400 Kilowatts will be needed in October by a college in Perugia, which will be started under Allied Military Direction.

2. Will there be any difficulties of transmission, or transformation in supplying this power ?

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

copy to : Italian Ministry of
Public Works,
Att. Prof. A. Asta.

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

Tel : 489081
Ext : 317

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

VSR/sg

214/PWU.

16 Aug 45

Subject: Electricity Supply for Formation College, Perugia.

To : Engineer Section (Br), AFHQ, CMF.

(117)

1. Acknowledgment is made of your letter dated 13 August File ENG/1613, Subject : Formation College - Perugia.

2. There is sufficient transformer capacity at Terni to supply an additional 400 KW load. Transmission facilities including the transformer at Perugia will be checked immediately to insure that the load can be carried.

3. Do transforming and service facilities exist to receive the power at the college?

For the Chief Commissioner :

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

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

RECEIVED
P.W. & U. S/C A.C.
23 AUG 1945 214
AR/mm

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION

Tel. 489081 - Ext. 396

23 August 1945

Ref. AC/5628/IND.

SUBJECT : Power Allocation, Chemical Works, Nera Montoro.

TO : Electric Power Committee, A.F.L.R. (I) B. R.A.A.C., C.M.F.

1. Request that an allocation of 15,000 Kw of power for the Nera Montoro plant be authorized for September at the August meeting of the Electric Power Committee.

2. This would allow a monthly production of 100 tons of methyl alcohol and 800 tons of ammonia. The latter will be converted into 3,000 tons of ammonium sulfate and 1,800 tons of nitrates.

3. The utilization of this power would be subject to control as necessitated by system peaks of already allocated load.

4. Public Works and Utilities Sub-Commission is submitting information on the availability of this power and the conditions under which it can be used.

For the Chief Commissioner :

ANDREW HADAN Jr.
Major CAC 5533

for A. H. GLENDINNING
Lt. Colonel,
Acting Director,
Industry Sub-Commission.

Copy to :-
Public Works and Utilities Sub-Commission
Industry Sub-Commission
(Attn.: Lt. V. Borkovich)

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

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

121

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

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

TEL : 66275 ROME

LRS/215B/202.

18th August 1945

SUBJECT : Electric Power Allocation - Central Italy.

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

1. Bids received for Electric Power in Central Italy for the month of September incorporate the statement that areas ANCONA and RIMINI still cannot take their full allocation due to the limited capacity of the TERNI Transformer.

2. May some indication please be given as to when the Transformer capacity is likely to be improved as there are still military and civilian establishments of importance requiring power.

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

SJBL/gs.

Is this now improved? EJR

Lt. Col Penton 552?

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

RECEIVED
P.W. & U. S.C.A.C.
18 Aug 1945 214

120

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

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

TEL : 66275 ROME

LRS/215A.

16th August 1945

SUBJECT : Electric Power - Southern Italy.

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

1. In order that the Electric Power Committee may be kept fully conversant with the status of the rehabilitation of the Power Transmission Lines to Southern Italy, it is requested that you submit a report on the progress made in this respect to the meeting of the Committee being held on 25th August 45.

2. The reception of such a report has been incorporated in the Agenda under Item 4.

COMMISSION
16 AUG 1945

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

B. K. MICHAELSON, Lt.Col.,
Chief of Section (Br),
A.F.L.R.S.

SJBL/gs.

Copy to:- Chairman, Electric Power Committee.

5528

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

119

RECEIVED
P.W.B. A.C.
18 AUG 1945 214

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION

VD/CP/emg

16 August 1945

Tel. 543

Ref. AC/5651/IND

SUBJECT: Increase of Power Allocation to Terni Company's Nera Montoro plant.

TO : Public Works & Utilities Sub-Commission.

1. It is understood that the third generating group of the Galleto power station has now resumed operations.

2. In view of this important increase in availability of power, we would appreciate your raising present allocation of 1,800 KW to the subject company's Nera Montoro plant to 15,000 KW.

3. This would allow a monthly production of 100 tons of methyl alcohol and 600 tons of ammonia. The latter will be converted into 3,000 tons of ammonium sulfate and 1,800 tons of nitrates.

125 copies

V. DORKOVICH

for A. H. GLENDINNING
Lt. Colonel,
Acting Director,
Industry Sub-Commission.

Copy to:
Economic Section
Agriculture Sub-Commission
Attention: Mr. Merritt.

5527

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

RECEIVED
P.W. & U. S/C A.C
14 AUG 1945
214
660

ENGINEER SECTION (BR)
A.F.H.Q.
C.M.F.
Tele. No. Freedom 972

0 117

ENG/1613

13 Aug 45

SUBJECT: Formation College - PERUGIA

TO : HQ AC
(PW & Utilities Sub-Commission)
Electric Division.

Four hundred KW of power will be required for the Formation College Perugia by October.

It is understood that this demand cannot be met until the transformer capacity at Terni has been increased. At 21 Jul Conference AC stated that efforts were being made to locate another transformer.

May we please have your assurance that the necessary arrangements will be completed in order that this block of power will be available 1 Oct at PERUGIA.

123 refers

A.G.J. DAVY,
Captain, R.E.,
for Brigadier,
Director of Works.

5526

Copy to: CE 1 District (for information)

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

INCOMING MESSAGE

HEADQUARTERS ALLIED COMMISSION

P.W. & U 116

Originator's Reference: E/865
Date/Time of Origin: AUGUST 13/1700B

Message Centre No: F/3811
Date Time Rec'd: AUGUST 14/0840B
Precedence: IMPORTANT

FROM : CE DISTANE

TO : HQ ALCOM ROME

why repeated ? E-J/R

RECEIVED
P.W. & U. S/C A.C.
14 AUG 1945 214 068

115

UNCLASSIFIED.

Reference your 3448. This office signal E 853 of 1 August is repeated. CABERNARDI sulphur mine is included in August allotment. Power cannot be available from SASSOFERRATO until transformer capacity at TERNI is increased. MONTECATINI Station will have to continue supplying the mine

1. The available Transformer Capacity has been for operation at Terni for conditions.

HEADQUARTERS
14 AUG 1945
A. C.

2. The UNRRA Company on 16 August suffered IN Toscano that they have been stopping train service

2nd July.

3. I have informed Cpt Di Bassi of Lt. Commander Pollard's offi of "2" above.

R 16/8.

ACTION

DIST

ACTION :PW & U SC

INFO :CHIEF COMMISSIONER
ECON SEC
FILE (2)
FLOAT

5525

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

115

DISTONE

2854 31 JULY 45 ROUTINE

UNCLASSIFIED PD
SUBJECT IS ELECTRICITY PD
PAREN TO DISTONE FOR ELECTRICAL AND MECHANICAL OFFICER FROM HQ ALCOM CITE ACFTU PAREN
PARA ONE PD INFORMATION REQUESTED WHETHER ELECTRICITY FOR CABERNARDI SULPHUR MINES IS INCLUDED IN AUGUST ALLOTMENT PD
PARA TWO PD POWER SCHEDULED TO BE AVAILABLE FROM HIGH LINE INTO CASSOFURATO EAST OF ANCONA

116 refers
108 Refers

5524

PUBLIC WORKS
473906

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

Tele: 478906 HEADQUARTERS ALLIED COMMISSION VSR/bb
AFO 394
Public Works and Utilities Sub-Commission

214/PWU 9 Aug 45.

SUBJECT: Availability of additional electricity, Central Italy.

TO : Secretary Electric Power Committee AFLR(I) B.

1. The third 35,000 KW unit at Calleto Generating Station entered into service on the evening of 7 August 1945, and satisfactory operation has since been experienced.

2. It is therefore recommended that 30,000 KW of the additional power allocated for August be made available at this time. The figure of 30,000 KW compares with a total allocation increase of 34,000 KW for August over early July. The remaining 4,000 KW will be furnished to Central Italy from the North when the interconnection, mentioned in paragraph 4 below is made.

3. In consideration of the foregoing, it is recommended that the entire allocation for August now be authorized for No. 1 District, No. 3 District, Civitavecchia, and that 24,000 KW of the 28,000 KW allocated for Rome be authorized at this time. The recommended changes are tabulated below for the houres 0600-2200 daily. For the period 2200-0600 hours, it is recommended that the August allocation for the night hours be authorized for all of Central Italy.

Area No. 1 District.	July Allocation KW.	August Allocation KW. (Recommended August Allocation KW.)	Recommended Authorization KW. (August Allocation KW.)
Perugia	4.60	5.00	5.00
Spoleto	3.00	3.50	3.50
Rimini	1.00	2.60	1.60
Arezzo	4.00	4.50	4.50
Pescara	1.00	1.50	1.50
TOTAL	13.60	17.10	17.10

5528

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

Area	July Allocation KW.	August Allocation KW.	Recommended Authorization KW.
No. 3 District			
Frosinone	2.375	3.00	3.00
Rieti	1.320	1.50	1.50
Viterbo	1.285	1.50	1.50
Rome Dist.	1.060	1.50	1.50
Aquila	0.960	1.50	1.50
TOTAL	7.000	9.00	9.00
P.B.S.			
Civitavecchia	5.00	5.50	5.50
TOTAL	5.00	5.50	5.50
R.A.A.C.			
Rome	52.00	76.00	80.00
TOTAL	52.00	76.00	80.00
TOTAL OF ALL AREAS.			
No. 1 District	13.60	17.10	17.10
No. 3 District	7.000	9.00	9.00
Civitavecchia	5.00	5.50	5.50
Rome	52.00	76.00	80.00
	77.60	107.60	111.60

4. Although no difficulties are anticipated in changing the frequency from 45 to 50 cycles, it is considered best that the increase be made in steps, so that any trouble can be corrected before the frequency is standardized at 50 cycles. Accordingly, the following program is planned:

5522

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

Date	Remarks
9 August	Frequency increase from 45 to 47 cycles.
17 August	Frequency increase from 47 to 50 cycles.
20 August	50 cycle systems of North and Central Italy to be connected, permitting power flow of the additional 4,000 kW to Rome area, mentioned in paragraph 2 of the foregoing.

For the Chief Commissioner:

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

5521

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

RECEIVED
P.W. & U. S/C A.C.
18 AUG 1945 214

5th Floor
Via delle Botteghe Oscure 112

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

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

TEL : 66275 ROME

LRS/215A.

8th August 1945

SUBJECT : Electric Power - Southern Italy.

TO : HQ, ALCOM, Industry Sub Commission.
HQ, ALCOM, Public Works & Utilities Sub Commission.

1. Confirming telephone conversation of this morning (Lt.Col. PARKER - Major LOUDEN, Lt.Col. CUNNINGHAM - Major LOUDEN), HQ No 3 District are convening a meeting for the purpose of examining the present distribution of Electric Power in Southern Italy in accordance with the instruction of the A.F.L.R. (Italian) Board at its meeting on 4 AUG 45, minute 64(b) refers.

2. The meeting will be held on Friday, 10th August 1945 at 1000 hours in the E.M.E. Coy Offices, Via Roma, NAPLES.

3. It is understood that any representation required by the Italian Government will be arranged by you.

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

SJBL/gs.

Copy to:- HQ, No 3 District.
HQ, ALCOM, Economic Section.

5523

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

RECEIVED
P.W. & U. S/C A.C.
7 AUG 1945 214

111

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

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

TEL : 66275 ROMR

LRS/215N/

6th August 1945

SUBJECT : Electric Power Situation - Southern Italy.

TO : Headquarters, No 3 District.

118 papers

1. In view of the situation which has developed in Southern Italy regarding the availability and distribution of Electric Power, the Allied Force Local Resources (Italian) Board at its meeting held on 4 AUG 45 decided that a meeting should be convened by HQ, No 3 District for the purpose of examining the present distribution of the Electric Power allocated by the Electric Power Committee to Southern Italy.

2. The meeting should also consider whether a redistribution of military and civilian loads can be made to effect a reduction in the existing demands and so permit of present outstanding requirements being satisfied.

3. It is suggested that representatives from the following should be present :-

(a) Interested Military Services (US and Br)
(b) HQ ALCOM Public Works & Utilities Sub Commission
(c) HQ ALCOM Industry Sub Commission
(d) Italian Government.

4. It is requested that the above meeting be so called that its report and recommendations can be submitted by your representative to the meeting of the Electric Power Committee scheduled to be held on Saturday, 25 AUG 1945.

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

55 Total

W.B.S. SHELDON, Colonel,
Chief of Section (Br),
A.F.L.R.S.

Copies to:- Chairman, Electric Power Committee
CG, P.B.S.
Economic Section, HQ ALCOM
Public Works & Utilities Sub Commission
Industry Sub Commission

SJHL/gs.

MONTECATINI

SOCIETÀ GENERALE PER L'INDUSTRIA MINERARIA E CHIMICA
ANONIMA - CAPITALE VERSATO L. 2.000.000.000

MILANO

C. C. POSTALE 1/4163
C. P. C. DI ROMA
CASELLA POSTALE 1180

Telegr. GABBRO-ROMA
Tel.: 45551 - 45552 45553

RECEIVED
P.W. & U. S/C A.C.
- 4 AUG 1945 214
DIREZIONE

110

PER L'ITALIA CENTRALE E MERIDIONALE

MA/bn

GRUPPO AZIENDE
UFFICIO DI ROMA

ROMA (30)
VIA ANTONIO SALANDRA, 3/3 agosto 1945

Spett.
SOCIETA' MERIDIONALE DI ELETTRICITA'
N A P O L I
Via Paolo Imbriani, 42

- A.C.-HQ
P.W. & U. Subcommission
Electrical Division - R O M A -

- MINISTERO DEI LAVORI PUBBLICI
Ispettorato Energia Acqua e Gas
R O M A

- MINISTERO INDUSTRIA E COMMERCIO
Direz.Gen.Industria e Miniere-Divis.VI
R O M A

e, per conoscenza :

a Società Montecatini
SERVIZIO ELETTROTECNICO
R O M A

al nostro stabilimento di
C R O T O N E

CROTONE - Assegnazione energia

Con riferimento alla comunicazione da Voi passata allo stabilimento che per il corrente mese di agosto é stata accordata l'assegnazione di 4 milioni di kw/h con potenza 8,000 kw. con l'intesa che a questa potenza di 8.000 kw/ noi perverremo non prima del 10 agosto, ci pregiamo richiedere a norma delle vigenti disposizioni che questa assegnazione minima sia mantenuta anche per i prossimi mesi fino a che non saranno cambiate le note condizioni di invaso dei bacini silani che Vi hanno impedito fino ad oggi di metterci a disposizione l'energia contrattuale.

Distinti saluti.

MONTECATINI
Società [illegible]

5518

Memo 6/8/45
Has not allocation from A.F.H.Q.R.D.B. on account of error by [illegible]

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

Via Paolo Imbriani, 42

e, per conoscenza :

a Società Montecatini
SERVIZIO ELETTROTECNICO
R O M A

al nostro stabilimento di
C R O T O N E

- A.C.-HQ
P.W. & U. Subcommission
Electrical Division - R O M A -

- MINISTERO DEI LAVORI PUBBLICI
Ispettorato Energia Acqua e Gas
R O M A

- MINISTERO INDUSTRIA E COMMERCIO
Direz.Gen.Industria e Miniere-Divis.VI
R O M A

CROTONE - Assegnazione energia

Con riferimento alla comunicazione da Voi pascata allo stabilimento che per il corrente mese di agosto é stata accordata l'assegnazione di 4 milioni di kw/h con potenza 8.000 kw. con l'intesa che a questa potenza di 8.000 kw/ noi perverremo non prima del 10 agosto, ci pregiamo richiedere a norma delle vigenti disposizioni che questa assegnazione minima sia mantenuta anche per i prossimi mesi fino a che non saranno cambiate le note condizioni di invaso dei bacini silani che Vi hanno impedito fino ad oggi di metterci a disposizione l'energia contrattuale.

Distinti saluti.

MONTECATINI
Società ... Chimica

5518

Memo 6/8/47
Crotone has not received an allocation of Power from AFLRDB. The information on allocation was sent out in error by Mich. Pub. W. + S. M. E. Hibbaughlin mgr
Transmitted. Attached.

Nella risposta indicare anche sulla busta l'UFFICIO SCRIVENTE

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

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

By : C.Tatti/ct

TRANSLATION

MONTECATINI COMPANY

3 Aug 45

To : See Distribution

Subject: Crotone - Power allocation.

Reference letter sent by you to our Works, stating that for the current month of August an allocation of 4,000,000 KWH at 8,000 KW has been made, understanding that we will not reach the 8,000 KW power before 10 August, we beg to request that, in accordance with the provisions in force, this minimum allocation be mantained for the next months, until the known condition of filling of the reservoirs in the Sila area are changed, which prevented you so far to supply us the amount of power covered by contract.

Truly yours,

MONTECATINI Co.

Distribution :

- S.M.E. Co. , Naples
- P.W.U. S/C, Electrical Division
- Min. of P.W., Insp. for El.,Water & gas.
- Min. Of Ind. & Comm. - Dir.Gen. Ind. & Mines.

Info to :

- Our Plant at Crotone
- Montecatini Co., Electrotechnical Serv., Rome.

5517

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

FILE

Tel. 489081
Ext. 317

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

VSR/ac

108

Reference : 214/PWU

30 July 1945

Subject : Operation of Taranto Generating Station

To : No. 1 DISTRICT
(Att. Major Stevenson)

1. Transmitted herewith for your information is a copy of a letter dated 16 July 1945, from the Commodore Superintendent Dockyard, Taranto, relative to the operation of the Taranto Power Plant.

2. In the event that the electricity situation in Southern Italy should require the operation of the Taranto steam plant over a prolonged period, it is suggested that you communicate with the Taranto Navy Yard, either directly on through the SME, making reference to the letter mentioned in paragraph 1 of the foregoing.

For the Chief Commissioner,

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

cc : D.W. AFHQ (Att.Lt.Col. Drury)

Enclosure :
copy ltr dated 16/9/45

5516

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

108

DISTONE

2854 31 JULY 45 ROUTINE

UNCLASSIFIED PD
SUBJECT IS ELECTRICITY PD
PAREN TO DISTONE FOR ELECTRICAL AND MECHANICAL OFFICER FROM HQ ALCOM CITE ACPWU PAREN
PARA ONE PD INFORMATION REQUESTED WHETHER ELECTRICITY FOR CABERNARDI SULPHUR MINES IS INCLUDED IN AUGUST ALLOTMENT PD
PARA TWO PD POWER SCHEDULED TO BE AVAILABLE FROM HIGH LINE INTO SASSOFERRATO EAST OF ANCONA

5515

115- Refer

PUBLIC WORKS
478906

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

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

LWL/ac

Tel. 489081
Ext. 317

27 July 1945

Reference : 214/PWU

Subject : Power allocation for the month of August 1945

To : MINISTRY OF PUBLIC WORKS
(Att. Eng. A. Asta)

1. Enclosed herewith for information are two copies of power allocation for the month of August 1945.

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

1 enclosure

5514

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

LWL/ac

Tel. 489081
Ext. 317

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

106

27 July 1945

Reference : 214/PWU

Subject : Power allocation for the month of August 1945

To : COMMISSIONER NAPLES COMMUNE
COMMISSIONER ANCONA COMMUNE
COMMISSIONER LEGHORN COMMUNE
ZONE

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

By Command of Rear Admiral, STONE,

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

1 enclosure

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

Tel. 489081
Ext. 317

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

LWL/ac

105

Reference : 214/PWU

27 July 1945

Subject : Power allocation for the month of August 1945

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

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

By Command of Rear Admiral STONE,

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

1 enclosure

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

Tel. 489081
Ext. 377

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

LWL/ac

104

Reference : 214/PWU — 27 July 1945

Subject : Power allocation for the month of August 1945

To : ADVANCED SECTION ELECTRICAL DIVISION
P.W. & U. Sub-Commission (Att. Maj. Barry)
in care of AMG Florence Province - Tel. 1153 Florence

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

By Command of Rear Admiral STONE,

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

1 enclosure

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

Tel. 489081
Ext. 317

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

LWL/ac

103

Reference : 214/PWU

27 July 1945

Subject : Power allocation for the month of August 1945

To : REGIONAL COMMISSIONER LOMBARDIA REGION
(Att. Maj. C.S. Wilcox)

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

By Command of Rear Admiral, STONE,

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

5509

1 enclosure

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

Tel. 489081
Ext. 317

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

V3R/ec

102

Reference : 158/PWU

21 July 1945

Subject : Availability of Electricity
Central and Southern Italy - August 1945

To : SECRETARY ELECTRIC POWER COMMITTEE APIR(I) B

1. For the month of August 1945, the following quantities of electricity are available for allocation as measured at Sub-Stations :

			Central Italy	Southern Italy
kW	x 10^3	=	204.0	137.25
kWh	x 10^6	=	113.0	67.90

2. North Italy is now supplying the Florence area with 50 cycle power over 1 - 120,000 volt and 3 - 60,000 volt lines recently repaired. The northern supply has not yet been carried below Florence because the Central Italy Grid is still operating at 45 cycles.

3. Interconnection of North Italy with Central Italy awaits operation of the third 35,000 KW unit at Galleto (Terni). This machine originally expected ready on 20 July is now scheduled for the end of the month. With the starting of the third Galleto unit the frequency of the Central Italy Grid will be increased to 50 cycles, after which the increased allocation will be available.

For the Chief Commissioner,

W.M. LAPPER
Lieut-Colonel
Chief Elec. Dev.

cc : File 051
cc : File 214

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

PUB WORKS

INCOMING MESSAGE

HEADQUARTERS ALLIED COMMISSION

Originator's Reference: FX 27975
Date/Time of Origin: JULY 25/1749B
Message Centre No: F/1273
Date Time Rec'd: JULY 25/2130D
Precedence: ROUTINE

SACMED
FROM: AFHQ SIGNED/CITE FIGS
TO : ALCOM FOR PUBLIC WORKS AND UTILITIES INFO: AELRS RAAC

101

RECEIVED
P.W. & U. S/C A.C.
26 JUL 1945 2.14

RESTRICTED

RESTRICTED.

1. Minute 80 of Allied Force Local Resources (Italian) Board Electric Power Committee meeting dated 21 July refers. 100

2. Reference to lack of adequate transport not understood. Our T-11 dated 26 June informed you that the supply of 4000 trucks to the Italian Government, subject to availability, from theatre stocks had been approved. Your 200/56/T1.1 dated 3 July declined to accept them pending adjustment of the pol supply and pointed out that existing road transport was operating far below capacity. Our T-2 dated 18 July offered the 4000 vehicles again.

3. In these circumstances this Hq cannot accept your statement that the limiting factor to speeding up interconnection of Southern and Central ITALY is lack of transport

HEADQUARTERS 26 JUL 1945 A.G.I.

ACTION

RESTRICTED

DIST

ACTION : PUBLIC WORKS SC

INFO : CHIEF COMMISSIONER
ECON SEC
TN SC (2)
COMMERCE SC
FILE (2)
FLOAT

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

98

FROM:- THE COMMODORE SUPERINTENDENT, DOCKYARD, TARANTO.

DATE:- 16th July, 1945. No. 9/1912.

TO:- THE PUBLIC WORKS AND UTILITIES SUB-COMMISSION, HEADQUARTERS, ALLIED COMMISSION, A.P.O. 394.
(Copy to:- The Commander-in-Chief, Mediterranean Station.
The Ministry of Public Works, Headquarters, Allied Commission).

93

TARANTO POWER PLANT.

With reference to your letter No. 214/PWU dated 7th July, 1945 there is no objection to your proposal that the power plant of the Naval dockyard, Taranto, be run for approximately ten hours daily during the months of August to November, 1945.

2. The plant which has recently been overhauled can carry a normal load of 2,000 K.W. and a peak load of 2,500 K.W. In addition, local diesel generators will be used for pumping out the main graving docks. The total demand on the grid during this period should therefore not exceed 2,000 K.W. provided the dockyard plant continues to work satisfactorily.

3. Adequate stocks of fuel are available at present to meet this demand.

further required by letter of 11

5507

COMMODORE SUPERINTENDENT,
TARANTO.

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

(Copy to:- The Commander-in-Chief,
Mediterranean Station.
The Ministry of Public Works,
Headquarters, Allied Commission).

TARANTO POWER PLANT.

With reference to your letter No. 214/PWU dated 7th July, 1945 there is no objection to your proposal that the power plant of the Naval dockyard, Taranto, be run for approximately ten hours daily during the months of August to November, 1945.

2. The plant which has recently been overhauled can carry a normal load of 2,000 K.W. and a peak load of 2,500 K.W. In addition, local diesel generators will be used for pumping out the main graving docks. The total demand on the grid during this period should therefore not exceed 2,000 K.W. provided the dockyard plant continues to work satisfactorily.

3. Adequate stocks of fuel are available at present to meet this demand.

Lowell

5507

COMMODORE SUPERINTENDENT,
TARANTO.

No further action required by us. Copy of this letter has been sent to Min. of P.W. Should they notify S.M.E. Co. Min P.W. should also direct that plant be started through S.M.E. Co.

Lt/Lt Inwood 8/7/45

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

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

RECEIVED
P.W. & D. S/C A.C.
14 JUL 1945 214

97

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

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

TEL : 66275 ROME

17 July 1945

IRO/2458/181.

SUBJECT : Electric Power Supply.

TO : HQ, No 1 District.
HQ, No 3 District.
C.C.C., P.B.S.
C.C., Base Area Allied Command.

1. At the meeting of the Electric Power Committee of the AFHQ (Italian) Board held on 23 JUN 45 it was stated that it was hoped by the 20th JULY to be able to relase additional power available in Central Italy and on this assumption a second allocation to be operative on receipt of indication from this Section was prepared.

2. Due to delays in effecting repair to the necessary installations the anticipated additional power will not be available during JULY.

J R Gibbon

MICHAEL R. GIBBON, Colonel, AUS,
Chief of Section (IE),
A.F.L.R.S.

W.B.S. SHERIDAN, Colonel,
Chief of Section (IE),
A.F.L.R.S.

Copy to:- D/CMO, AFHQ
Engr (A), AFHQ
Engr (B), AFHQ
G(Maint), AFHQ
HQ, MG, Public Works & Utilities
Sub-Commission.

Brigadier D.L. Anderson, Economic Section,
HQ, ALCOM.

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

16 JUL 1945 214

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION

96

Tel. 489081, Ext. 328

AHQ/tks

Ref. AC/5520/IND

16 July 1945

R

SUBJECT: Crotone Fertiliser Plant.

TO: Ministry of Industry and Commerce,
Italian Government, Rome.

1. Allied Forces Headquarters have asked for immediate information to be furnished giving details of the proposed cuts in civilian electrical supply from the Southern Network to meet the demand of Montecatini Plant at Crotone. Will you please arrange for these details to be furnished as soon as possible?

A. H. GLENDINNING
Lt. Colonel
Acting Director
Industry Sub-Commission

cc: P.W.& Utilities Sub-Comm.
Economic Section

5505

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

RECEIVED
P(S. & U. S/C A.C.
13 JUL 1945 214

95

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION
MINING DIVISION

Tel: 489081
Ext: 559

VDB/cc.

Ref: Mines-926.3

12 July 1945.

SUBJECT: Report North Italian Sulphur Mines.

TO : Public Works & Utilities Sub-Commission,
HQ. A.C.
Attn. Electrical Division.

The attached copy of a report, same subject as above, is forwarded for your information and files.

108 refers

DONALD S. KINGERY, Capt. CE.

For: A. H. GLENDINNING, Lt. Col.,
Acting Director,
Industry Sub-Commission.-

Incl (1) Rpt. dtd. 10 July.

INDUSTRY SUB-COMMISSION 5504

c/c - Economic Section (1)
Float (1)
Files, Mining Division (1)

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

PW-W
Electrical Div.

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION
SULPHUR DIVISION

Tel: 489081
Ext: 559

Ref: Mines-926.3

JHP/co.

10 July 1945.

SUBJECT: North Italian Sulphur Mines.

TO : Acting Director, Industry Sub-Commission, HQ. A.C.

1. Inspections were made of the Cabernardi-Percozzone, Perticara and Formignano sulphur mines and the sulphur refineries at Bellisio and Cesena June 28 to July 2. Calls were also made on the district engineer of the S.I.A.E. (electric company) in Rimini and the Utilities Engineer of No. 1 District in Padua. Following is a brief discussion of the present situation as regards the mines and refineries visited.

I - CABERNARDI-PERCOZZONE.

2. No work is being done at the moment toward putting Percozzone into operation. At Cabernardi, both hoisting shafts are being rigged up for operation. The main hoisting shaft is in shape to commence operation with electric power. Equipment to commence operating a hoist in the auxiliary hoisting shaft by steam power is proceeding. Electric power was expected to be available immediately from the high line now being rebuilt into Sasso-Ferrato. Application has been made thru the power

5502

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

company for an allotment of 800 KW on a 24 hour basis. The steam operated lift will require 80 to 100 tons of Ribolla lignite (or better) per month. Further (condensed) data will be found in Section III below.

3. Because of low water, the small hydro-power station at San Querico was producing only about 40 KW. This was being supplemented by power from a small Diesel driven set at Cabernardi, but practically all the daytime power was being used at the Bellisio Refinery (see Sec. V below) and for water pumping and general use. Hence maintenance power for the mine was again lacking.

II - PERTICARA MINE.

4. The complete hoist and headstock set from the main shaft of Grottacalda sulphur mine in Sicily have been shipped to Perticara to replace one of those demolished by the Germans. A portion of this equipment has been received and is now being installed on the main shaft. The mine is in condition to commence production from the Fornante auxiliary (incline) shaft which was not damaged (See report by AFH of 7 Dec. 1944) as soon as electric power is available to the extent of 350 KW. 50 KW is now being generated at the mine for dewatering and general maintenance service by use of a Diesel truck motor and a small alternator.

5. After installation of the Grottacalda equipment 700 KW would be required to put the mine into full operation (See tabulation, Section IV). However, the prospect of obtaining power, even to the extent of 350 KW does not look favorable during

5507

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this calender year. The Montecatini company has a 600 HP Diesel electric set at Ribolla, but it is doubtful if it could be moved over existing bridges; the heaviest piece weighs 14 metric tons. It is therefore considered that the logical procedure is to push the reconstruction of electric high lines as much as possible.

III - FORNIGNANO

6. No power is available at Fornignano, nor are prospects good for any high line power in the near future. The mine water level is still rising, tho at a very slow rate at the moment. It is now 50 meters below the main working level (Level 11) where are situated compressors, pumps, transformers, and stage hoists, and the last opening into the ventilating shaft. For pumping down and ventilation a minimum of 250 KW is required. With this amount of power it is estimated that preparations for production would take 6 months. With 250 KW this period of time could be cut down.

7. The Montecatini company has in Cesena a Diesel-electric generating set of 160 - 180 HP which can be moved and set up to provide power for pumping down. It is estimated that in such event 20 to 22 tons of Diesel fuel will be required per month.

5502

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

IV - CONDENSED DATA - SULPHUR MINES

	Cabernardi	Perticara	Formignano
Present source power	Diesel & S. Querico	Truck Diesel.	None
Present power cons.	180 (incl. Refinery)	50	None
Present No. Workers	400	200	30
Present Activity	Repairing	Repairing	Maintenance
Prob. date 1st power increase	15 July	1 Jan.	1 Jan.
Anticipated total power	800 KW	350 KW	120 KW
No. workers after increase	600	400	100
Antic. Production T/Mo.	1,000	600	Pumping
Date prod. will be available	1 Nov.	15 Feb.	-
Max. power required for full operation	1000 KW	700	300
No. workers then	1000	600	300
Full scale production, tons/mo.	2500	2000	450
Sulphur on hand, tons	6300	5889	2300

5500

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

V - LABOR CONDITIONS AND PERSONNEL.

9. There is an ample supply of labor available at each of these mines. Most of the laborers live in company operated villages. Those who are at present not employed in the maintenance and repair work of the mine are working in the vicinity, mostly in agriculture. The average wage at the mines at present is about 220 lire per day. No serious labor disturbances are anticipated in the immediate future.

10. Since the AFK reports of 7 December, Ing. Bettini has returned to Pertusola. Also it has now been learned that Ing. Longo who was connected with Cabernardi has gotten thru word of his safety in Nuremberg, Germany.

VI - BELLISIO REFINERY.

11. This refinery was completely wrecked by the Germans. At the time of our inspection, 28 June, there had been returned to operation one battery of 10 retorts for refining, as well as 4 plate type grinders. Sulphur was being hauled from the mine to the refinery in military trucks and the ground sulphur was being transported from the refinery to railway at Montecarotto in the same trucks.

12. Emphasis was being placed on refined sulphur. It would appear, however, that the only distinction between refined (100%) ground sulphur and crude (99%+) ground sulphur is that

5 ; 93

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

the refined can be ground finer and also easier. The vine growers prefer the finer ground refined product but it is questioned whether the difference is worth the coal required to refine.

VII - CESENA REFINERY.

13. This plant was somewhat damaged by aerial bombardment but was being reconditioned. Two grinders were in operating condition and 4 additional were being prepared. Two more will be added later. Each grinder has a capacity of 5 quintals of refined or 4 quintals of crude per hour. Power required is about 25 HP per machine. Consumption of coal (Ribolla lignite) is about 200 Kg. per ton of sulphur for refining. Six furnaces, each with 6 retorts are being put into condition. Capacity will be 10 to 12 tons per furnace per 24 hours.

JOHN H. POLLARD,
Lt. Comdr. USNR,
Chief Sulphur Division.

5493

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

File

Tel: 47890

HEADQUARTERS ALLIED COMMISSION VSR/bb

INTER OFFICE MEMO

Copy 214

94

Reference: 051/PWU 10 July 1945.

Subject : Conference Re Electricity Availability in Southern Italy.

To : ECONOMIC SECTION.

From : P. Wks. & Util. Sub-Commission.

1. At the request of the Public Works and Utilities Sub-Commission, Allied Commission, representatives of the Italian Government and others met on 7 July 1945 to discuss the availability of electricity in Southern Italy. Those present were :

Prof. Eng. A. Asta	-	Italian Ministry of Public Works.
Prof. Eng. M. Visentini	-	General Inspector of Electricity, Water and Gas.
Eng. T. Masturzo	-	Societa' Meridionale di Elettricita'.
Eng. Mancinelli	-	Societa' Montecatini.

2. The following conclusions were reached in the meetings:

(a) That a report submitted by the Chief Electrical Division, Public Works and Utilities Sub-Commission concerning the availability of electricity in Southern Italy is correct except for one detail; the actual availability is slightly lower because of lack of rain and consequential lower stream flow.

(b) Small consumers will not be disconnected because of many ensuing difficulties.

(c) The rest-day for large industrial consumers will be staggered in accordance with plan to be prepared by electric company.

(d) Crotone will take less electricity than originally requested. New requirements will be 8-9,000 KW, and 4-4,500,000 Kilowatt-hours per month.

(e) An attempt will be made to feed area north of Foggia from Central Italy instead of from South Italy, as now. Success depends upon voltage of supply arriving

5197

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

at once. Immediate success of scheme doubted because Central Italy voltage now low.

(f) The Italian Naval Ministry will be asked to start the steam generating plant at Taranto Navy Yard. This will involve the burning of fuel.

(g) If the steps outlined in sub-paragraphs (b) to (f) inclusive are taken, there will be sufficient energy for Crotone. However, with no increased electric supply to Southern Italy, the Sila reservoirs will be empty by 15 November (it is hoped that a line to Southern from Central Italy will be finished in September.)

3. Because the present Societa' Meridionale di Elettricita' system is now overloaned, even with Crotone off, it is not considered feasible that Crotone can be reconnected until the action mentioned in the foregoing can be carried out. Consequently it is recommended that until such time as the Ministry of Public Works of the Italian Government submits evidence that all of the foregoing action can be accomplished, decision on resuming power service to the Crotone plant be reserved.

E. J. RISTEUT.
Colonel, C.E.,
A/Director.

cc : A.F.L.R.S. (I) B.
cc : Eilo 214.

5495

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

Tel. 469081
Ext. 317

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

93 LWL/ec

Reference : 214/PWU

7 July 1945

Subject : Taranto Power Plant

To : The Commodore Superintendent
Royal Naval Dockyard - TARANTO

1. Owing to increased demand and shortage of energy in South Italy it has been proposed that the power plant of the naval dockyard Taranto, should be put into operation for approximately ten hours daily during the months of August, September, October and November 1945.

2. We shall be glad to have your comments on this proposal.

3. Please state what stocks of fuel are held as reserve. 5495

4. What load can this plant carry in "KW".

For the Chief Commissioner,

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

cc : The Commander in Chief
Mediterranean Station

cc : MINISTRY OF PUBLIC WORKS (Att.Eng.Aste)

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

RECEIVED
F.W. & U. S/C A.C.
12 JUL 1945 2/4

91

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION

Tel: 489081
Ext: 559

JHP/cc.

Ref, Mines-700.3

11 July 1945.

SUBJECT: Power for North Italian Sulphur Mines.

TO : Public Works & Utilities Sub-Commission, attn. Maj. Renton.

1. Attached is a tabulation giving the essential facts regarding the power situation and needs at the three large North Italian mines, as of/July 1945.

2. Regarding Cabernardi the hiline has now been completed and the mine is only awaiting allotment of power to commence operations. Request has been made thru the power company and has been handed to CRE of the Sub-Area for presentation to the proper AFLRB.Of the various requests outlined in this letter, this one for Cabernardi is considered of highest priority by this Sub-Commission.

3. Regarding Perticara, our information from the electric company is that lines will be sufficiently repaired in a few weeks so that a small allotment of power will be available. However, the minimum allotment that would serve this mine would be 350 KW. Any less amount would not operate simultaneously the lifts, ventilating fans, air compressors, water pumps and other services necessary to minimum operation. If means can be found to furnish this

3494

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quantity to Perticara, the production of sulphur can be at such time immediately increased by 600 tons per month.

4. Regarding Formignano, the mine is without power and is gradually flooding. It is understood that the same restriction as to quantity of power available applies here as at Perticara.

5. It has been suggested that perhaps the line proposed to be reconstructed from Cesena to Rimini might follow a route to Mercato Saraceno and thence by way of the present loop thru Perticara to Rimini.

6. At any rate, we suggest a study of the power possibilities for the three mines in view of the program indicated as desirable in tabulation attached.

J. H. Pollard

JOHN H. POLLARD, Lt. Comdr. USNR

For: W. J. MASKREY,
Lt. Colonel,
Acting Director,
Industry Sub-Commission.-

Incl (1) Tabulation

549.

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

	CABERNARDI	PERTICARA	FORMIG
Location	20 mi. N. Fabriano	Mercato Saraceno	15 mi.S
Status	Ready to operate	Ready to operate	Flooding
Present Power Source	Diesel plus 30-40 KW San Querico	Truck Motor driven Alternator	No
Present Power	120 KW	50 KW	No
Power required for minimum operation	800 KW	350 KW	120 KW
When desired	10 July	Soon as possible	Soon as
Reason for delay	Rebuilding hiline	Hilines down	Main hi heavy e
Max. Power desired	1000 KW	700 KW	250 KW
When maximum desired	1 Oct. 1945	After 1 Nov. 1945	Soon as

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

	CABERNARDI	PERTICARA	FORMIGNANO
ion	20 mi. N. Fabriano	Mercato Saraceno	15 mi.S. Cesena
s	Ready to operate	Ready to operate	Flooding.
nt Power Source	Diesel plus 30-40 KW San Querico	Truck Motor driven Alternator	None
nt Power	120 KW	50 KW	None
required for um operation	800 KW	350 KW	120 KW
desired	10 July	Soon as possible	Soon as possible
n for delay	Rebuilding hiline	Hilines down	Main hilines not heavy enough
Power desired	1000 KW	700 KW	250 KW
maximum desired	1 Oct. 1945	After 1 Nov. 1945	Soon as possible.

RECEIVED
P.W. & U. S/C A.C.
10 JUL 1945 214

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

90

LRS/215B/172

Postal Address:
A.F.L.R.S.,
Rome Area Allied Command,
C. M. F.

SUBJECT: Electricity - Southern ITALY.

Telephone: ROME 66276

TO : HQ ALCOM, Economic Section.
HQ ALCOM, Public Works and Utilities Sub-Commission.

10 July 1945

Reference recent correspondence and cables regarding supply of electric power to CROTONE fertilizer plant.

The following extract from 3 District letter to this Section of 6 July 1945 may be of use to you in the negotiations you are now engaged upon affecting the CROTONE plant.

" The available generating capacity in Southern ITALY on 4 July 45 was only 153 KW x 10^3 due to abnormal decrease in River flow, and is expected to drop to 130 KW x 10^3 during the course of the month.

" The peak load recorded on 4 July was 151 KW x 10^3 (with the Fertilizer Plant disconnected). This peak will be increased in the next few days when the irrigation load of 1 - 2 KW x 10^3 is supplied from FRATTAMAGGIORE Sub-Station. This load was allotted, but has not yet been taken up.

" No further reduction in voltage can be made to keep the load within the available Generating Plant capacity. Complaints from both Military and Civil installations on this account have been received by the Electrical Supply Companies, and as an example, the voltage at AGNANO Sub-Station (NAPLES) has been as low as 7.1 KV instead of the rated 9.0 KV. Feeders are already being 'cut' in the TORRE-SALERNO-POLICLIANO area.

" The position is therefore, that the system load greatly exceeds the system available generating capacity, and the addition of a further 10,000 KW load will entail the disconnection of a greater number of feeders.

" Disconnection of 'feeders' can only be made quickly at certain main Sub-Stations where personnel, telephone or remote control equipment is available. As these feeders may supply two or more Sub-Stations, each with its own group of feeders, any 'feeder' cut made affects some military installations.

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

of electric power to CROTONE fertilizer plant.

The following extract from 5 District letter to this Section of 6 July 1945 may be of use to you in the negotiations you are now engaged upon affecting the CROTONE plant.

" The available generating capacity in Southern ITALY on 4 July 45 was only 153 KW x 10^3 due to abnormal decrease in River flow, and is expected to drop to 150 KW x 10^3 during the course of the month.

" The peak load recorded on 4 July was 151 KW x 10^3 (with the Fertiliser Plant disconnected). This peak will be increased in the next few days when the irrigation load of 1 - 2 KW x 10^3 is supplied from FRATTAMAGGIORE Sub-Station. This load was allotted, but has not yet been taken up.

" No further reduction in voltage can be made to keep the load within the available Generating Plant capacity. Complaints from both Military and Civil installations on this account have been received by the Electrical Supply Companies, and as an example, the voltage at AGNANO Sub-Station (NAPLES) has been as low as 7.1 KV instead of the rated 9.0 KV. Feeders are already being 'cut' in the TORRE-SALERNO-POMIGLIANO area.

" The position is therefore, that the system load greatly exceeds the system available generating capacity, and the addition of a further 10,000 KW load will entail the disconnection of a greater number of feeders.

" Disconnection of 'feeders' can only be made quickly at certain main Sub-Stations where personnel, telephone or remote control equipment is available. As these feeders may supply two or more Sub-Stations, each with its own group of feeders, any 'feeder' cut made affects some military installations.

" Therefore in order to afford the supply to the Fertilizer Plant, and to ensure that military installations are not interrupted, the system load must be reduced by disconnecting Civil installations, or where possible, final feeders to which no military installation is connected. In respect of this, the Supply Companies state that when 'disconnection' by factories has been carried out in the past, 'illegal' connection to the system has usually resulted, and with the limited personnel and transport at their disposal, they are unable to carry out effective 'check' inspections to prevent this.

" It is considered, therefore, that while the disconnection of an equivalent civil load is not impossible, its application will be extremely difficult. Furthermore, as the Fertilizer Plant load is to be given over 24 hours, it will probably be necessary to disconnect some 20,000 KW of Civil factory load whose working hours are 12 or less,

over/....in order

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in order that the K.W.H. consumption are comparable. It is considered essential in view of the rapidly decreasing Reservoir capacity."

L.A.S. Sheldon

W. B. S. SHELDON, Colonel,
for Chiefs of Section,
A.F.L.R.S.

WBSS/enr

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P.W. & U. S/C A.C.
F 8 JUL 1945 214

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION

89

Tel. 489081, Ext. 328

AHG/tks

Ref. AC/5628/IND.

7 July 1945

SUBJECT: Power Supply, Montecatini Ammonia Plant, Crotone.

TO: Ministry of Industry and Commerce, Italian Government, Rome.

1. Reference your letter No. 2272 of 16 June 1945. Arrangements have been made with AFHQ to continue the electric power supply to Crotone on condition that the military requirements do not suffer.

2. If the demands on the Sila Plant become too heavy, it will be necessary for you to arrange to cut-off sufficient civilian load to insure that the supply does not suffer.

A. H. GLENDINNING, Lt. Col.

for: W. J. MASKREY
Lt. Colonel
Acting Director
Industry Sub-Commission

cc:
Public Works & Utilities
Sub-Commission

5,93

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

Ind Stry S/C -

Col Blendenning says that ans required in Cabl - Re Cotton Fert - Hzer plant is P.W.H. action - Not Industry — Suggest Col Lapsley call Col. Blendenning

5/

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

INCOMING MESSAGE

HEADQUARTERS ALLIED COMMISSION

P W & U S/C

Originator's Reference: RE 823

Date/Time of Origin: JULY 051835

Message Centre No: E/8274

Date Time Rec'd: JULY 052130

Precedence: ROUTINE

FROM: DISTHREE

TO : AICOM INFO AFIRS RAAC, DW AFHQ

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

RESTRICTED

RESTRICTED.

Electricity CROTONE fertilizer plant is subject. Reference IRS/215B/67 of 3 July. Request list of factories to be nominated by you with total equivalent KW demand and KWH consumption of fertilizer plant.

See memo on other side

OVER

DIST

ACTION PW & U SC
INFO CHIEF COMMISSIONER
ECON SEC
INDUSTRY SC 2
FILE 2
FLOAT

7/7/45
Mas Priestly has checked this and finds that industry S.E. is taking action on this. checked up on it 9/7/45 MMBr

HEADQUARTERS
6 JUL 1945
A. C.

RESTRICTED

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

INCOMING MESSAGE
CAPODIMONTE ALLIED COMMISSION

RESTRICTED

Message Centre No:

Date Time Rec'd:

Precedence:

Originator's Reference:

Date Time of Origin:

FROM:

TO:

Memo to Major Clark, Civil Affairs Section, 7/8/43.

"This function is one of the Ministry of Industry and Commerce, as it is Italian Government territory through Industry S/C.

E. S. Rickett, Lt. "

RESTRICTED

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

nr. 197

Pièce Filed Evans Missed Committee

214

Rome May 27th 1945

87

To A.C. HQ.

P.W. & U. Sub-Commission

Electrical Division

Subject :

Allocations of power.-

1. The Southern Italy Advisory Committee in his last meeting agreed on the suggested figures of power allocations which were passed on to Maj.Laughlin.

2. The proposed figures would enable to increase the present allocations of power to the following customers:
   a) Naples Aqueduc 184 kW from 0 to 9,00 and from 11,00 to 24,00.
   b) Naples Tramways 600 kW continuously from 5,00 to 21,00.
   c) Tramways of Naples Province 250 kW during the daily hours.

3. These allocations have been proposed by the Naples Provincial Commission and not yet approved by the Central Commission owing to the absence of Mr.Visentini.

4. As the Provincial Commission recommanded to grant them very urgently and it is known that next meeting of E.P.C. will be held on Tuesday 29th, also in view of the limited amount of power requested, I would like to beg you to follow an exceptional procedure, proposing them to E.P.C. before the approval of the Central Commission.

Eng. A.Asta

" Ispettorato Generale "
for Electricity Water and Gas

5187

AA/ac

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

INCOMING MESSAGE

HEADQUARTERS ALLIED COMMISSION

P. W & W.

Origin's Reference: LRS/215D/67

Date/Time of Origin: JULY 031500B

Message Centre No: E/7939

Date Time Rec'd: JULY 032130B

Precedence: PRIORITY

86

FROM: AFLRS ROME AREA ALLIED COMMAND

TO : DISTRIBUTION, ALCOM INFO AFHQ, CENBASE

RECEIVED
P.W. & U.C.
4 JUL 1945 214

RESTRICTED

Electricity allocation July for Southern ITALY is subject. LRS/215D/164 dated 27 June refers. As result of urgent request by ALCOM, electricity supply to CROTONE fertiliser plant will be maintained. Agreed AFHQ with proviso that military requirements will not be affected. ALCOM has given its undertaking to this effect. Arrange accordingly. Should any cuts become necessary these will be borne by civilian consumers to be nominated by ALCOM.

AC 88 refers

Dist

Action - P Works SC
Info - Chief Commissioner
Econ Sec
Industry SC 2
Agric SC
File 2
Float

HEADQUARTERS
4 JUL 1945
A. C.

5 [illegible]

RESTRICTED

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P.W. & D.P.S/C A.C.
30 JUN 1945 214

P.W.40.S/C
4348
84

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

IRS/215B/166.

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

Tel: ROME 66545.

29 June 1945.

SUBJECT : Military Assistance to Allied Commission. - Transport.

TO : HQ, AIACOM.

Reference is made to Minute 76 of the Miscellaneous Purposes AFHQ (Italian) Board Meeting of 19 June, and para. 4 of this H.Q. letter IRS/215B/165 of 27 June 45, as it effects Minute 72 of the Electric Power Committee Meeting, AFHQ (Italian) Board of 23 June 45.

80

1. A.F.H.Q. is not prepared to consider separate applications for military assistance by the provision of transport to deal with specific problems, save in the most exceptional cases; in such cases a staff study should be submitted by Allied Commission to G-5, AFHQ.

2. There is an allocation of transport to the Allied Commission and it is a corollary of that allocation that urgent demands within the responsibility of the Allied Commission must be met by an Allied Commission decision on the priority of its several requirements.

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

W.B.S. SHELDON, Colonel,
Chief of Section (Br),
A.F.L.R.S.

Copy to :- A/CAO, AFHQ.
Economic Section, HQ AIACOM.
Public Works & Utilities Sub-Commission, HQ AIACOM. ✓
Chairman, Electric Power Committee.
Chairman, Miscellaneous Purposes Committee.

5485

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Public Works & Utilities S/C.

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P.W. & U. S/C A.C.
25 JUN 1945 214

EGR 79

AIDE MEMOIRE TO

COL. SHELDON

A.F.L.R.S.

Ref. AC/5557/IND

24 June 1945

Crotone Fertiliser Plant

1. Reference the objection I voiced at yesterday's meeting of the Electric Power Committee, the Fertiliser position in Italy is as follows :

Pre-war production programme

Phosphates	1,000,000	Tons
Nitrogenous	288,000	" (In tons of nitrogen)

Present Production

Phosphates	NIL	
Nitrogenous	16,000	Tons

2. Phosphate production depends on imports of phosphate rock from North Africa and some is now on the way. Nitrogenous fertilisers are produced in several ways. In pre-war days 70,000 tons per annum were produced without coal and were completely indigenous. The present production is obtained in this way :

3. It is proposed to shut down the Crotone plant which is now producing 6,200 tons per annum of nitrogenous fertilisers. The following reasons are advanced : -

a) There will probably be a shortage of water (energy) towards the end of the year.

b) There is a shortage of power (generating capacity) and new military loads for new camps etc. cannot be accepted unless there is a corresponding poduction elsewhere.

4. The Allied Commission makes an emphatic protest on the following grounds :

a) The shortage of fertilisers is one of the reasons for the poor grain crop of the present year and 2,000,000 tons of additional grain will have to be imported.

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b) If fertiliser availability is not increased more imports will be required next year.

c) This directly reduces the eastern war effort by reduction of shipping.

d) The lack of electric power in Southern Italy can be remedied by connecting it to Central Italy. There is only one essential lacking to effect this, that is transport.

e) The production of fertilisers at Crotone is being stopped to provide amenities for troops, and it is maintained that a decision to this effect must be made at a much higher level than the Electric Power Committee of the Local Resources Board.

D. L. ANDERSON
Brigadier,
Deputi Vice-President
Allied Commission.

Copy to : -

Executive Commissioner
Acting V.P. Economic Section
Public Works & Utilities S/C

5483

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

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

File 78

LRS/215B/154

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

Telephone: ROME 66275

16 June 45.

SUBJECT : Electric Power Supply.

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

64

1. This office letter LRS/215B/146 dated 6 June 45 is cancelled.

2. The allocations agreed at the meeting of the Electric Power Committee held on 29 May 45 will remain operative.

3. In view of the reduced availability of power in Southern ITALY consequent upon the breakdown of one of the generating sets at the SILA reservoir, revised allocations of power for the month of July will be made at the meeting of the Electric Power Committee to be held on 23 June 45.

RECEIVED
P.W. & U. S/C A.C.
17 JUN 1945 214

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

W. B. S. SHELDON, Colonel,
Chief of Section (Br),
A.F.L.R.S.

SJBL/rgf

5482

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

Fil

Tel . 489081.
Extn. 317.

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

LWL/sg

77

13 June 45

REFERENCE : 214/PWU.
SUBJECT : Telegram Prefetto Catanzaro
Crotone Chemical Works.
TO : Ministry of Public Works
(Att. Eng.Asta).

Attached copy of telegram from the Prefect Catanzaro which we should be pleased to have to replied, since this is in Italian Government Territory.

55 Reps

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

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

Tel.489081
Ext.317

HEADQUARTERS ALLIED COMMISSION
INTER OFFICE MEMO.

VML/cc

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

12 June 45.

76

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

2. Your attention is drawn to:-

(a) - Change of frequency in Central Italy from 45 cycles to 50 cycles, at about the end of July.

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

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

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

5480

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

Tel.489081
Ext.317.

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

WML/ce

214/PWU.

12 June 45.

SUBJECT: Electricity Supply.

TO : The Secretary
ELECTRIC POWER COMMITTEE
A.F.L.R.(I.)B.

75

1. Your attention is drawn to the following changes which are being made to the electrical system of Central Italy.

2. On Sunday evening last a 60,000 Volt transmission line running from LIGONCHIO to PIAN DELLA ROCCA was completed and put into service. This line will transmit about 10,000 KW. of power from the 42 cycle area in Northern Italy, and through a frequency changer at Ligonchio will deliver this at 50 cycles to Central Italy.

3. As this is only a small tie-line connection and is not, therefore, suitable for interconnection of the North and Central Italy grids, arrangements have been made for a connection to the Leghorn grid and also to give a supply to Prato. The new connection does not feed into the Central Italy grid beyond this point.

4. It will be remembered that the 45 cycle arrangement in Central Italy caused some difficulty in connection with the water supply in the Florence area and, therefore, the SELT VALDARNO Electrical Company have now changed most of the water-pumping plants at Florence over to the new 50 cycle supply from the north.

5. It is not recommended that new allocations of power be made for the present, but rather that this small amount of relief which is being fed into Florence and will ease the demand on Central Italy be used for the purpose of improvement in the present supply for voltage and frequency regulation.

6. At the end of July the first of the 120,000 Volt lines between North and Central Italy will be completed and ready for service. This line will bring 50 cycle power direct from North Italy through Ligonchio to TAVERNUZZE Sub-Station. To allow for reasonable regulation the capacity of the line may be taken as 40,000 KW. In addition, a further 35,000 KW. set at GALLETO (Terni) will be restored to service at about the same time.

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

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

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

For the Chief Commissioner:

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

5473

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

Tel.489081
Ext.317

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

WML/ce

14

214/PWU.

7 June 45.

SUBJECT: Allocation of Electric Power.

TO : Ministry of Public Works
(attn. Eng. Asta)

1. With reference to the memorandum which I issued in connection with the procedure to be adopted in Italian Government territory for the application of electricity for civilian uses.

2. This arrangement, it was understood, would be handled by the Provincial Commissions and, as it was anticipated there may be a large number of small consumers, it was agreed that procedure could be expedited by these being submitted en bloc by the electrical companies to the Provincial Commission.

3. Eng. Ranieri who is in charge of the Rome Provincial Commissioner has drawn my attention to the attached statement which now gives the Power companies permission to connect up all consumers taking less than 10 KW., on the condition that this does not modify the total power and amounts of energy already distributed.

4. It is considered that this procedure is unwise, because in order to prevent the total power being exceeded, the electrical companies may now arrange the load in such a way that it is available only for the 10 KW. and below type of consumer and this may not be in accordance with a priority which the Commissions hope to establish.

5. May we discuss this matter at an early date?

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

6477

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

P R O = M E M O R I A

Instructions given by the Ministry of Public Works, in the enclosed letter dated May I7,I945, have the following inconveniences:
I) Permitting Distributing Companies to tie-up all loads under IO KWs (which in a city like Rome represent 90% of the load) without authorisation means that the Distributors are no longer checked upon and it must be borne in mind that the Distributors are interested in linking-up the greatest possible number of consumers;
2) Control on the total load diagram is entrusted directly to Distributors who find it profitable to surpass it;
3) Provincial Commissions would have no specifici task and their existence would be rendered useless;
4) The instructions of the above letter are in contrast with the law (Royal Decree 95) which assigns precice tasks to the Commissions;
5) Bids for power over IO KWs would have to go through formalities and red tape that would require months before reaching a decision;
6) The concentration of bids to Advisory Committees and to the Central Commission would make the latter's work difficult and complicated;
7) The procedure which the Ministry states it has decided upon following agreement with the A.C. is in contrast with the dispositions received by the Provincial Commissions of the Engineering Division of the Lazio-Umbria Region, which with the approval of the P.W.U.S.C. of the A.C. established clearly that the Provincial Commissions have the duty of limiting consumption of electric power within the assigned diagram and gave the superior Commissions the general task of collecting from the Provincial Commissions data necessary for the establishment of new diagrams (bulk allocations);
8) At present the Provincial Commission of Rome carries out the following tasks, for which, following the request of the A.C., a Technical Office has been created:
I) Controls Distributors;
2) Sees that loads do not surpass assigned diagrams established by the Military Authorities;
3) Makes decisions concerning modifications on the rationing plan, and makes needed proposals to the R.A.A.C.;
4) Makes decisions concerning exceptions to the rationing plan (lifts, heaters, etc.)
5) Examines all bids for power over 3 KWs and fixes rationing for each new consumer;
6) Checks on consumption of public utilities and big users so that Distributors do not give more power than allocated;
7) Keeps into account future requirements so as to be able to request new allocations from the Military Authorities for coming months:
The Provincial Commission is of the opinion that, in order to function properly, it is necessary that even when the R.A.A.C., Military Authorities will have renounced to direct control of distribution, all these tasks remain to the Commission itself. Only n7 will be handled by the Advisory Committee for Central Italy, which through the Central Commission will request necessary loads from the Military Authorities (L.R.A.F.H.Q.) The Central Commission should then pass allocations to the Prov. Commissions and each one should issue orders to the Distributors under their control.

5476

Rome, I/6/45

CHIEF OF TECHNICAL OFFICE
(Ing. A. Ranieri)
Camera di Commercio Tel.-65991

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

RECEIVED
P.W. & U. S/C A.C.
15 JUN 1945 214

CML/av

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

13

Tel: 843191-11
Ref: AC/105/151/Tu 4

14 June 1945

SUBJECT : Electric Power.

TO : HQ. N°.3 District C.M.F.
Attn. Chief Engineer

(1)

1. Referring to letter LRS/215B/148 dated 9 June 45 addressed to you from A.F.L.R.S., cc: to this Sub-Commission in regard to request for an increase in the supply of power to Lombrini-Parodi-Delfino, Colleferro engaged in the repair of rail cars.

2. Under date of 9 June letter LRS/215B/149, A.F.L.R.S. advises this Sub-Commission that "It appears that your bid was not submitted for consideration and consequently an emergency allocation of power for the month of June has been made by this section as per attached copy of letter". The attached copy referred to is the letter mentioned in paragraph one, above, of which you have the original.

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

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

547

For the Chief Commissioner:

C.M. LONG, Major C.E.

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

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

RECEIVED
P.W.& U. S/C A.C.
14 JUN 1945 214

Tel. 543

Ref. AC/5628/IND

VD/CP/gp

13 June 1945

SUBJECT : Electric Power Supply

TO : Public Works & Utilities Sub-Commission

FROM : Industry Sub-Commission

1. We see, from copy of letter LRS/215B/146 dated 6 June addressed to you by A.F.L.R.S., A.F.H.Q., that the Montecatini Coy's fertilizer plant at Crotone has been dropped from the allocation list for the 2nd half of June, owing to the breakdown of one of the generating sets at the Sila reservoirs.

2. We would greatly appreciate information as to the nature and extent of the breakdown referred to, and also your views as to whether or not it would be possible, by drawing on reserve power or by redistribution of loads on the 60,000 V. system, to permit the continuing in operation of the Crotone plant, the minimum power requirements of which, as you know, are 10,000 KW, 24 hours a day.

for W.J. MASKREY
Lt. Colonel,
Acting Director,
Industry Sub-Commission.

Copy to :-
Economic Section
Agriculture Sub-Commission
Industry Sub-Commission
(Attn.: Capt. Roberts)

- 5474

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

RECEIVED
P.W. & U. S/C A.C.
14 JUN 1946 214

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION

VB/CP/os

Tel. 490061 - Ext. 349

13 June 1946

Ref. AC/3628/IND.

70

SUBJECT : Power Allotment - Crotone.

TO : Montecatini Company - Via Salandra 13, Rome
(Attn.: Engr. Mascinelli)

1. Further to our letter AC/3628/IND. dated 2nd inst.

2. We are advised by Allied Force Headquarters that in view of the breakdown of one of the generating sets at the Silla hydro-electric power system, it will be necessary to retrench on the power distribution in that region after 15 June 1946.

3. Smaller allocations have been made in the region but your Crotone works have been omitted.

4. We consider it necessary to advise you that it is extremely unlikely that your power allocation will continue beyond 15 June 1946.

For W. J. HARKNESS
Lt. Colonel,
Acting Director,
Industry Sub-Commission.

57

Copy to :
~~Ministry of Ind. Com. Lab.~~
~~Ministry of Agr. & Forests.~~
P. W. & U. S/C.
Agriculture S/C.
Industry S/C.
(Attn.: Capt. Roberts)
File 3590.

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

PW&U

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

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

TEL : 66275 ROME

LRS/215B/148.

RECEIVED
P.W. & U. S/C A.C
10 JUN 1945 214

9 June 1945

SUBJECT : Electric Power.

TO : HQ, No 3 District.

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

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

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

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

Frosinone

0600	to	2200 hrs	2.575 KW x 10^3 1.00 KWH x 10^6
2200	to	0600 hrs	1.070 KW x 10^3 .20 KWH x 10^6

W.B.S. SHELDON, Colonel,
Chief of Section (Br),
A.F.L.R.S.

SJEL/gs.

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

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

Memorandum

3/5/43

Attached data pertaining to Sila reservoir situation with respect to operation of Protane chemical plant, Usedin determining June 45 pr. allocation.

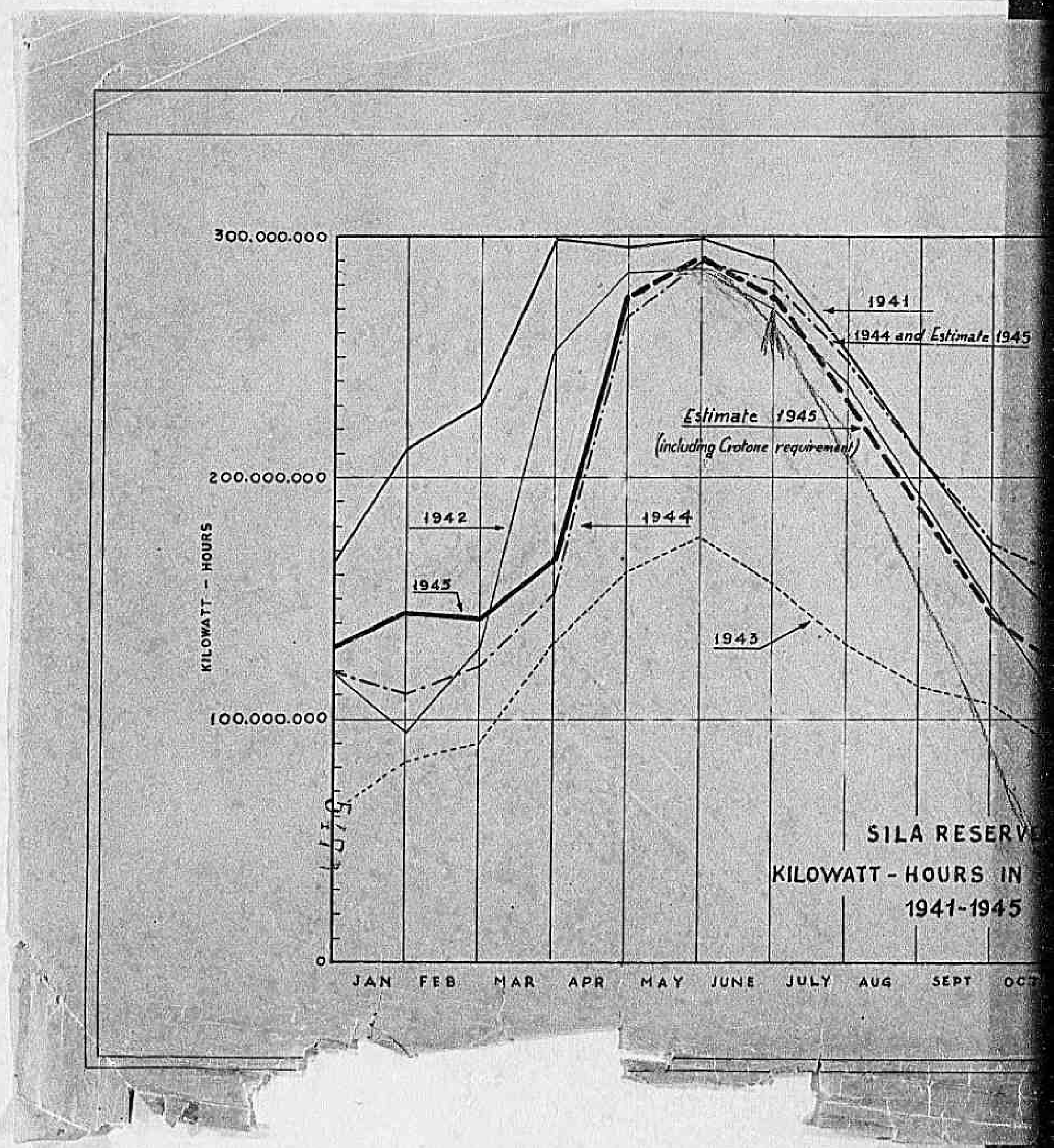
T. H. Kellogg Lt
major

66

5471

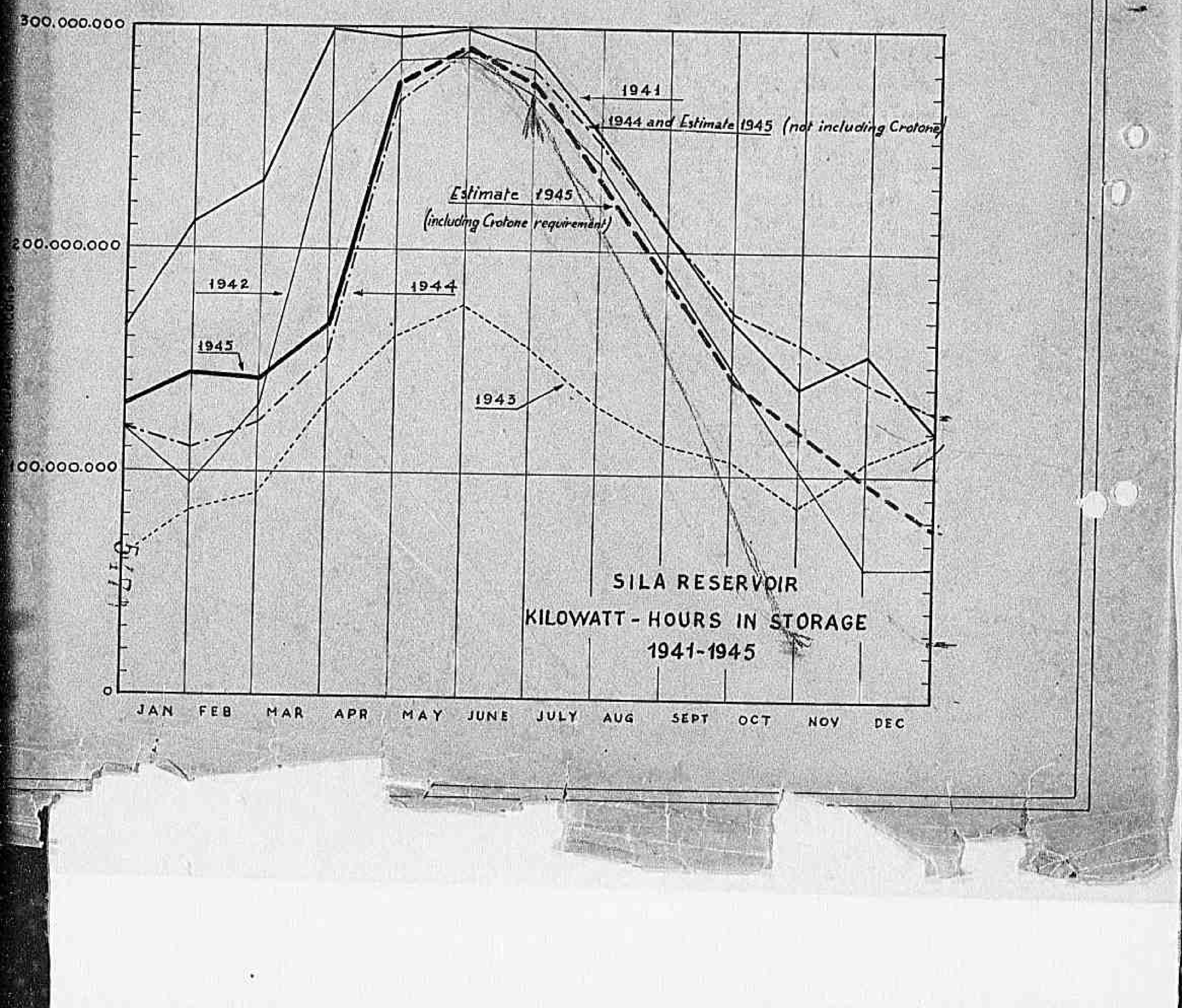
0281

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



0282

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



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

SOCIETA' MERIDIONALE DI ELETTRICITA'

COPY

Montecatini Demand

Day	April		May		Remarks
	kWhx10^3	KW x 10^3	kWhx10^3	kWx10^3	
1	80.6	4.5	220.1	9.8	
2	75.6	5.1	217.6	11.8	
3	98.7	6.-	169.7	9.8	
4	117.6	8.1	160.5	8.-	
5	189.-	9.5	208.3	9.9	
6	174.3	8.5	220.9	9.7	
7	130.2	8.5	223.4	9.8	
8	128.1	6.6	219.7	10.-	
9	179.8	7.5	222.6	9.6	
10	223.9	9.5	222.6	9.6	
11	220.9	9.7	220.5	9.8	
12	220.9	8.8	214.2	9.4	
13	211.7	9.5	217.6	9.6	
14	219.2	9.6	215.-	9.4	
15	225.1	9.6			
16	219.9	9.8			
17	225.1	9.7			
18	203.7	9.6			
19	220.5	9.4			
20	219.2	9.4			
21	217.6	9.4			
22	218.0	9.3			
23	212.1	9.5			
24	202.-	9.5			
25	216.3	9.5			
26	218.4	9.5			5469
27	218.4	9.5			
28	207.9	9.3			
29	233.9	10.2			
30	204.1	9.7			
TOTAL	5,732.7				

Naples May 15th 1945
NM/GS

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

ANNEX 1

COPY

TOTAL DEMAND FROM APRIL 1st to DECEMBER 31st 1945

(including Crotone plant up to June 30th 1945)

Month	10^6 kWh	Remarks
April	82.0	rectified figure
May	86.0	estimated figure
June	85.0	" "
July	83.0	" "
August	83.0	" "
September	82.0	" "
October	86.0	" "
November	87.0	" "
December	89.0	" "
TOTAL	763.0	

ANNEX 2

OUTPUT IN 10^6 kWh (from 1st April to 31 December)

Plant	10^6 kWh
Tusciano	33.0
Tanagro	35.0
Neto	128.0
Tacina	58.0
Savuto	33.0
Matese	7.0
Calore	30.0
Leto	8.0
Pescara III	24.0
Total runoff	356.0
Sila Reservoirs	216.0
Steam Plants	53.0
TOTAL	625.0

5408

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

PEAK OF CAPUANO THERMO PLA[illegible]

Days	January	Febrauery	March
1	30.000	20.000	10.000
2	27.000	15.000	10.000
3	27.000	15.000	10.000
4	25.000	4.000	"
5	30.000	20.000	"
6	30.000	15.000	"
7	15.000	15.000	"
8	30.000	15.000	"
9	26.000	15.000	"
10	22.000	15.000	15.000
11	22.000	"	"
12	22.000	18.000	15.000
13	22.000	16.000	14.000
14	16.000	18.000	"
15	25.000	20.000	"
16	20.000	15.000	"
17	20.000	18.000	"
18	20.000	2.900	"
19	15.000	15.000	"
20	20.100	15.000	"
21	12.000	15.000	"
22	25.000	15.000	"
23	20.000	15.000	"
24	"	15.000	10.000
25	"	"	"
26	"	12.000	10.000
27	"	"	"
28	"	20.000	10.000
29	"	"	"
30	20.000	"	"
31	20.000	"	"

5467

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

COPY

TRANSLATION

ADVISORY COMMITTEE MEETING OF .....

ESTIMATE OF DEMAND AND OUTPUT
IN kWhrs 1/4/45 to 31/12/45 (New up to date data)

Demand :

We may estimate the demand on the basis of past monthly figures (including Montecatini Plant in Crotone up to June 30, 1945).

The data are tabulated in the annex 1. The demand from 1/4/45 to 31/12/45 is expected to be about 763 millkWhrs.

Output :

Till April 1945 included the runoff year turned out to be slightly above the "average". This state of things has been changed as a consequence of the full melting of snow. Now we can judge this year to rank, from a hydrological point of view, between an "average" and a "minimum" year, as no further rainfall can be expected.

The complete lack of spring time rains naturally accounts for such state of things. In the above hypothesis the output from 1/4/45 to 31/12/45 would then be of 572 millkWhrs (prudentially inclusive of one unit of the 3rd stage Pescara for 3 months only and of the Lete Plant for 6 months only) (see annex 2).

Within output from the steam plant estimated at 53 mill (70 mill in the whole year) we have a total of 625 mill.

Results :

Demand will exceed the output by some 138 millkWhrs.

Last year, the minimum level of reservoirs was of 128 mill.

According to the above data the next minumum level should be of some 28 mill, to be attained towards the end of next November.

Proposals :

The above minimum level of reservoirs (some 28 mill) is the lowest one possibly to be accepted.

./.

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

Crotone Plant could at the most be supplied until the end of June, although the reservoirs are already going down.

We judge that whatever important increase of load should be avoided from next July on until the progress of the repairing works on the Pescara Plant and along the 150 kV Pescara-Fratta line will permit a more close forecast on the availability of the other two units, as well as on the eventual supply of power from the Terni Co. to us.

Naples, the 15th of May 1945.

MdQ/CS

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

SOCIETA' MERIDIONALE DI ELETTRICITA'

COPY

Montecatini Demand

Day	April		May		Remarks
	kWhx10³	KW x 10³	kWhx10³	kWx10³	
1	80.6	4.5	220.1	9.8	
2	75.6	5.1	217.6	11.8	
3	98.7	6.-	169.7	9.8	
4	117.6	8.1	160.5	8.-	
5	189.-	9.5	208.3	9.9	
6	174.3	8.5	220.9	9.7	
7	130.2	8.5	223.4	9.8	
8	128.1	6.6	219.7	10.-	
9	179.8	7.5	222.6	9.6	
10	223.9	9.5	222.6	9.6	
11	220.9	9.7	220.5	9.8	
12	220.9	8.8	214.2	9.4	
13	211.7	9.5	217.6	9.6	
14	219.2	9.6	215.-	9.4	
15	225.1	9.6			
16	219.9	9.8			
17	225.1	9.7			
18	203.7	9.6			
19	220.5	9.4			
20	219.2	9.4			
21	217.6	9.4			
22	218.0	9.3			
23	212.1	9.5			
24	202.-	9.5			
25	216.3	9.5			
26	218.4	9.5			
27	218.4	9.5			
28	207.9	9.3			
29	233.9	10.2			
30	204.1	9.7			540
TOTAL	5,732.7				

Naples May 15th 1945
NM/CS

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

ANNEX 1

COPY

TOTAL DEMAND FROM APRIL 1st to DECEMBER 31st 1945

(including Crotone plant up to June 30th 1945)

Month	10^6 kWh	Remarks
April	82.0	rectified figure
May	86.0	estimated figure
June	85.0	" "
July	83.0	" "
August	83.0	" "
September	82.0	" "
October	86.0	" "
November	87.0	" "
December	89.0	" "
TOTAL	763.0	

ANNEX 2

OUTPUT IN 10^6 kWh (from 1st April to 31 December)

Plant	10^6 kWh
Tusciano	33.0
Tanagro	35.0
Noto	128.0
Tacina	59.0
Savuto	33.0
Metano	7.0
Calore	30.0
Leto	8.0
Pescara III	24.0
Total runoff	356.0
Silo Reservoirs	216.0
Steam Plants	53.0
TOTAL	625.0

5463

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

PEAK OF CAPUANO THERMO PLA

Days	January	February	March
1	30.000	20.000	10.000
2	27.000	15.000	10.000
3	27.000	15.000	10.000
4	25.000	4.000	"
5	30.000	20.000	"
6	30.000	15.000	"
7	15.000	15.000	"
8	30.000	15.000	"
9	26.000	15.000	"
10	22.000	15.000	15.000
11	22.000	"	"
12	22.000	18.000	15.000
13	22.000	16.000	14.000
14	16.000	18.000	"
15	25.000	20.000	"
16	20.000	15.000	"
17	20.000	18.000	"
18	20.000	2.900	"
19	15.000	15.000	"
20	20.100	15.000	"
21	12.000	15.000	"
22	25.000	15.000	"
23	20.000	15.000	"
24	"	15.000	10.000
25	"	"	"
26	"	12.000	10.000
27	"	"	"
28	"	20.000	10.000
29	"	"	"
30	20.000	"	"
31	20.000	"	"

5467

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

SOCIETÀ MERIDIONALE DI ELETTRICITÀ

RIUNIONE DEL COMITATO CONSULTIVO DEL . . . .

RICHIESTA E PRODUCIBILITA'IN KWH
DALL'I/4/945 AL 3I/I2/945 (AGGIORNAMENTO)

Richiesta:

Stimeremo la richiesta in base all'andamento degli ultimi mesi (con la inclusione del carico Montecatini - Crotone fino a tutto giugno).

I dati sono quelli dell'allegato I. La richiesta dall'I/4/945 al 3I/I2/945 sarebbe dell'ordine dei 763 mil di kWh.

Producibilità:

L'anno idrologico che, a tutto aprile risultava di poco superiore al medio, ha, successivamente allo scioglimento completo delle nevi, mutato il suo andamento ed attualmente, non potendosi oramai più contare su precipitazioni, deve stimarsi compreso fra un anno medio ed un anno minimo. La cosa è essenzialmente imputabile alla completa mancanza di piogge primaverili.

Supporremo che questo nuovo andamento si conservi per tutti i rimanenti mesi dell'anno solare I945 (vedi allegato 2). La producibilità dall'I/4/45 al 3I/I2/45 sarebbe di 572 mil di kWh (prudenzialmente abbiamo supposti funzionanti una sola unità del 3° Pescara per tre mesi e l'impianto Lete per sei mesi). Con una produzione termica stimata a 53 mil (70 mil nell'anno) abbiamo un totale di 625 mil.

Conclusioni:

La richiesta supererà la producibilità di circa I38 mil.

Il minimo invaso dei serbatoi è stato nella passata stagione di I28 mil di kWh. Secondo i dati di cui sopra il prossimo 5467 invaso minimo sarà, invece, dell'ordine dei 28 mil e si verificherà a fi=

./.

Mod. 8 (20.000) Tipi A. Trani - 6-43

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

ne novembre.

Proposte:

Il minimo invaso dei serbatoi di cui sopra (ca 28 mil) rappresenta un valore non ulteriormente riducibile.

Alla Montecatini di Crotone si potrebbe fornire energia al massimo fino a tutto giugno pur essendo i serbatoi già in regime di svaso.

A partire da luglio si stima opportuno evitare assolutamente ulteriori importanti aumenti di carico fino a quando l'andamento dei lavori Pescara e della linea a I50 kV Pescara-Fratta non permetterà una più sicura stima della data di entrata in servizio degli altri due gruppi e delle eventuali possibilità di ricevere energia dalla Terni.

TRANSLATION

ADVISORY COMMITTEE MEETING OF .....

5-copies

ESTIMATE OF DEMAND AND OUTPUT
IN KWHRS FROM I/4/45 TO 3I/I2/45
(NEW UP TO DATE DATA)

Demand:

We shall estimate the demand on the basis of the items of the past months (including Montecatini Plant in Crotone up to June 30, I945).

The data are tabulated in the annex I. The demand from I/4/45 to

Mod. 8 (20.000) Tipi A. Trani - 6-45

./.

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

about
31/I2/45 is expected to be of 763 millkWhrs.

Output:

Till April I945 included the runoff year turned out to be slightly above the "average". This state of things has then changed as a consequence of the full melting of snow. Now we can judge this year to rank, from a hydrological point of view, between an "average" and a "minimum" year, as no further rainfall can be, expected, to fall. The complete lack of springtime rains essentially accounts for such state of things. In the above hypothesis the output from I/4/45 to 31/I2/45 would then be of 572 mill kWhrs (prudentially inclusive of one unit of the 3rd stage Pescara for 3 months only and of the Lete Plant for 6 months only) (see annex 2).

With an output from the steam plant estimated at 53 mill (70 mill in the whole year) we have a total of 625 mill.

Results:

Demand will exceed the output by some I38 mill kWhrs.

Last year, the minimum level of reservoirs was of I28 mill.

According to the above data the next minimum level should be of some 28 mill, to be attained towards the end of next November.

Proposals:

The above minimum level of reservoirs (some 28 mill) is the lowest one possibly to be accepted.

Crotone Plant could at the most be supplied until the end

5154

./.

Mod. 8 (20.000) Tipi A. Trani - 6-45

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

of June, although the reservoirs are already going down.

We judge that whatever important increase of load should be avoided from next July on until the progress of the repairing works on the Pescara Plant and along the I50 kV Pescara - Fratta line. will permit a more close forecast on the availability of the other two units, as well as on the eventual supply of power from the Terni Co.to us.

Naples, the I5th May I945
MdQ/CS

5453

Mod. 8 (20.000) Tipi A. Trani - 6-49

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

ALLEGATO I

RICHIESTA TOTALE DALL' I/4/45 AL 3I/I2/45

(incluso Crotone fino a tutto giugno)

	IQ^6 kWh	osservazioni
Aprile	82,0	Dato consuntivo
Maggio	86,0	" presunto
Giugno	85,0	" "
Luglio	83,0	" "
Agosto	83,0	" "
Settembre	82,0	" "
Ottobre	86,0	" "
Novembre	87,0	" "
Dicembre	89,0	" "
Totale	763,0	

TRANSLATION

TOTAL DEMAND FROM APRIL Ist I945 TO DEC. 3Ist I945

(including Crotone plant up to June 30th I945)

	IO^6 Kwh	Remarks
April	82,0	Corrected item figure
May	86,0	estimated item figure
June	85,0	" "
July	83,0	" "
August	83,0	" "
September	82,0	" "
October	86,0	" "
November	87,0	" "
December	89,0	" "
Total	763,0	

5457

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

ALLEGATO 2

PRODUCIBILITA' TOTALE DALL' I/4/43 AL 3I/I2/45

in IO^6 kWh

Tusciano	33,0
Tanagro	35,0
Neto	I28,0
Tacina	58,0
Savuto	33,0
Matese	7,0
Calore	30,0
Lete	8,0
Pescara III	24,0
Totale deflusso	356,0
Bacini Silani	2I6,0
Centrale termica	53,0
Totale	625,0

TRANSLATION

-OUTPUT IN IO^6 KWH (FROM Ist APRIL TO 3I DECEMBER)

Tusciano	33,0
Tanagro	35,0
Neto	I28,0
Tacina	58,0
Savuto	33,0
Matese	7,0
Calore	30,0
Lete	8,0
Pescara III	24,0
Total runoff	356,0
Sila Reservoirs	2I6,0
Steam plants	53,0
Total	625,0

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

SOCIETÀ MERIDIONALE DI ELETTRICITÀ

Montecatini Demand

Day	April		May		Notes
	kWh x 10^3	kW x 10^3	kWh x 10^3	kW x 10^3	
1	80,6	4,5	220;1	9,8	
2	75;6	5,1	217,6	11,8	
3	98,7	6,-	169;7	9;8	
4	117,6	8,1	160,5	8,-	
5	189,-	9,5	208;3	9;9	
6	174,3	8,5	220,9	9,7	
7	130;2	8;5	223;4	9,8	
8	128,1	6,6	219,7	10,-	
9	179,8	7,5	222,6	9,6	
10	223;9	9;5	222,6	9,6	
11	220,9	9;7	220;5	9,8	
12	220;9	8,8	214;2	9;4	
13	211,7	9;5	217;6	9;6	
14	219,2	9,6	215,-	9,4	
15	225,1	9,6			
16	219,9	9;8			
17	225;1	9;7			
18	203,7	9,6			
19	220,5	9,4			
20	219;2	9,4			
21	217,6	9,4			
22	218,0	9;3			
23	212;1	9;5			
24	202,-	9;5			
25	216;3	9;5			
26	218;4	9,5			
27	218;4	9;5			
28	207,9	9,3			
29	233,9	10;2			
30	204,1	9,7			
Total	5.732,7				5455

Naples, May 15th 1945
NM/CS

Mod. 8 (20.000) Tipi A. Trani - 6-43

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

RECEIVED
P.W. & U. S/C A.C
27 JUN 1945 2/4

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

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

Telephone: ROME 66275

LRS/ 5B/146

SUBJECT : Electric Power Supply.

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

6 June 45.

59

1. Reference this office letter LRS/215B dated 30 May 45.

2. In view of the breakdown of one of the generating sets at the SILA reservoir it will not be possible to continue the supply of power as anticipated after the 15th June 1945.

3. Revised allocations for the CALABRIA 60 KV System for the period 15 June to 30 June 45 are as follows:

(i) CALABRIA Co. 8.50 KW x 10^3, 2.00 KWH x 10^6

(ii) Railways 3.00 KW x 10^3, 1.70 KWH x 10^6

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

W. B. S. SHELDON, Colonel,
Chief of Section (Br),
A.F.L.R.S.

Copy to : Chairman, Electric Power Committee.
HQ 3 District.
HQ AICOM Industry Sub-Commission.

785/30/LRS

SJBL/rgf

C. C. POSTALE N. 1/4163
C. P. C. DI ROMA
CASELLA POSTALE 1189

MONTECATINI

SOCIETÀ GENERALE PER L'INDUSTRIA MINERARIA E CHIMICA
ANONIMA - CAPITALE VERSATO L. 2.000.000.000

MILANO

Telegr: GABBRO-ROMA
Tel: 45551 - 45552 45553

63

DIREZIONE
PER L'ITALIA CENTRALE E MERIDIONALE
LIAISON OFFICE
RDG/gb

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

ROMA (30) June 2nd 1945
VIA ANTONIO SALANDRA, 13

AC/HQ
Industry Sub-Commission
(attn.:Mr.Dorkovich)

→ copy to:-AC/HQ, Public Works and Utilities S/C.
-Montecatini, Servizio P.C.A.

SUBJECT: Electric Power Supply for Bicocca (Catania) Plant.

1. Our factory at Bicocca (Catania), producing sulphuric acid and superphosphate fertilizer, resumed operations on the 1st of March; the plant is located in the vicinity of Catania Airfield, where R.A.F. Units are stationed.

2. Electric power is being supplied by Società Generale Elettrica della Sicilia at a reduced rate (only 66 hours per week), through a local overhead line; please note that only 30 KW are required. Up to the present our Company has been able to partially offset the shortage of power by the use of an old Diesel unit; but same, being only a stand-by unit, has proved inadequate for its present use and is already breaking down. It is therefore easy to forecast an early shut down of the factory, thus increasing local difficult conditions in the land operations.

3. The Società Generale Elettrica della Sicilia has lately informed us that, through an underground electric cable, they supply electric power at 10.000 Volts to the transformer station at the airfield. Owing to the small distance occurring between our factory and the airfield it [illegible]

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

R14

→ copy to:-AC/HQ, Public Works and Utilities S/C.
-Montecatini, Servizio P.C.A.

AC/HQ
Industry Sub-Commission
(attn.:Mr.Dorkovich)

SUBJECT: Electric Power Supply for Bicocca (Catania) Plant.

1. Our factory at Bicocca (Catania), producing sulphuric acid and superphosphate fertilizer, resumed operations on the 1st of March; the plant is located in the vicinity of Catania Airfield, where R.A.F. Units are stationed.

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3. The Società Generale Elettrica della Sicilia has lately informed us that, through an underground electric cable, they supply electric power at 10.000 Volts to the transformer station at the airfield. Owing to the small distance occurring between our factory and the airfield, it would be quite easy to connect our factory to the a.m. cabin with an overhead power line. Such line being only 10.000 Volts would be supported on poles of limited height and could run parallel to the railroad right of way together with other existing lines whose altitude above ground is notable.

4. Above proposal has been brought lately to the attention of the R.A.F. Command - Catania Airfield and permission been sought accordingly.

./.

Nella risposta indicare anche sulla busta l'UFFICIO SCRIVENTE

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

In continuation to AC,Industry S/C:

5. We would greatly appreciate of any possible assistance that you could kindly afford us with R.A.F. Catania and Public Works & Utilities S/C,in order to secure an early agreement on our proposal.

MONTECATINI
Società Generale per l'Industria Mineraria e Chimica
Direttore Centrale — Vice Direttore di Zecca

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

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

RECEIVED
P.W. & U. S/C A.C.
-5 JUN 945 214

62

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION

VD/CP/ag

2 June 1945

Tel. 543

Ref. AC/5628/IND.

SUBJECT: Power Allotment - Crotone.

TO : Montecatini Coy., Via Salandra 13, Rome
(Attn.: Eng. Mancinelli)

1. Further to our letter AC/5628/IND dated 10 May 1945.

2. We hereby advise you that it has been decided that the supply of electricity to your Crotone plant will continue for the month of June with a permissible 15 minute peak demand of 10.00 KW x 10^3 and a permissable energy of 6.50 KWh x 10^6.

3. Due to the low level of water in the Sila reservoirs it will not be possible to continue the supply of power at the above rate after 30 June next to the subject plant, unless :

a) additional energy can be obtained for Southern Italy from Northern Italy; or

b) existing loads in Southern Italy are reduced to an amount equivalent to the demand of your Crotone Works.

This question will, however, be reviewed at the next meeting of the Electric Power Committee.

/s/ W. J. MASKREY

W. J. MASKREY
Lt. Colonel,
Acting Director,
Industry Sub-Commission.

Copy to :
Public Works and Utilities S/C.
File 5509.

5457

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

RECEIVED
P.W. & U. S/C, A.C.
20 MAY 1945 214

Spare

61

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION

VD/CE/3f

17 May 45

Tel. 543

Ref. AC/5623/IND

SUBJECT : Allocation of power to your Synthetic Ammonia plant at Crotone.

TO : Montecatini Co. (Attn. : Engr. Mastrolilli)
Via Sallustiana 13 - Rome.

1. Reference letter IND/215 D/133 dated 14 May 1945 from AFHQ, and further to our letter AC/5623/IND dated 28 April.

2. We wish to advise that authority has been given for the period of peak load supply (12,000 KW) to your synthetic ammonia plant at Crotone to be extended to the 27 May 1945.

E.J. MASTNY
Lt. Colonel
Acting Director
Industry Sub-Commission.

Copy to : - Records Section
- P.W. & U. S/C
- HQ 3rd District
- Soc. Meridionale di Elettricita
Naples.
- Chairman, Electric Power Committee
- AFHQ, AFHQ, RMC, CMP
(Attn. : Col. [illegible] U.S. Sheldon)

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

Tel.489081
Ext.317.

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

WML/oe

214/PWU.

30 May 45.

60

SUBJECT: Allocation of electric Power.

TO : Ministry of Public Works
(att: Eng. Asta)

1. Ref. your conversation with me yesterday concerning allocation of Electric power at Naples.

2. I arranged for Col. Cooley of P.B.S. to request the Electric Power Committee for allocation of electric power as follows:-

(a)	Naples aqueduct	184 KW.
(b)	Naples tramways	600 KW.
(c)	Tramways of Naples province	250 KW.

3. I am pleased to inform you that the Committee agreed to this allocation.

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

5443

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

CONFIDENTIAL

58

P.W + U.

DBR/hh

Tel.281

Ref.AC/5628/IND

RECEIVED
P.W. & U. S/C A.C.
31 MAY 1945 214

29 May 1945

SUBJECT: Report on 29 May meeting of Electric Power Committee, AFLR3.

TO : Acting Director,
Industry Sub-Commission

FROM : Capt. D. B. Roberts,
Industry Sub-Commission

1. The Crotone Plant of Montecatini was granted an extension of its present power demand to expire 30 June. In the meantime the matter of starting the Nera Montoro plant will be investigated fully. Depending on reservoir conditions, military situation, imports of power from North Italy, and interconnection of Central and Southern Italy grids, a decision as to the further allocation of power to Crotone will be made at the 23 June meeting of the Committee (Fertilizer Div. - Note).

2. The wire drawing plant of Societa Metallurgica Italiana, Fornaci di Barga (Lucca) was granted a 2,000 Kw demand for the production of copper conductors (P.W. & U. S/C and Maj. Macnoughton-Wright Note).

3. The Perticara sulphur mine was granted its demand of 50 Kw, 0600-1400 hrs, 350 Kw 1400-0600 hrs (Mining Div.-Note).

4. Major Mackenzie of 1 District said that power cannot be supplied to the Formignano sulphur mine (Forli) for a least three months (Mining Div.-Note).

5. Major Mackenzie will investigate the demand of Societa Industriale Carburo, Ascoli Piceno, and

CONFIDENTIAL

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

report to Industry Sub-Commission (Maj. Macnoughton-Wright Note).

6. Major Mackenzie reports that work is still in progress on moving transformers to supply Miliani paper plant. He will investigate and send further information (Dr. Opatowski-Note).

7. Only about one tenth of the generating capacity of North Italy has been damaged. One half of this damaged portion is expected to be in service within three months. By the end of July it is hoped to have 100,000 Kw from North Italy available on the Central Italy grid.

8. Next meeting to be held 23 June.

D. B. Roberts

D. B. ROBERTS
Capt., F. A.
Industry Sub-Commission.

Copy to : -
P. W. & U. S/C ✓
(Attn: Maj. Laughlin)
File 5520

5447

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

P.W+U 56

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

LRS/215B/143.

RECEIVED
P.W. & U. S/C A.C.
30 MAY 1945 214

HEADQUARTERS
30 MAY 1945

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

TEL : ROME 66275

29 MAY, 1945

SUBJECT : Montecatini Fertiliser Plant, Crotone.

TO : HQ, ALCOM, Industry Sub-Commission.

54

Reference your AC 5628/IND dated 27 MAY 45.

1. At the meeting of the Electric Power Committee of the A.F.L.R.(Italian) Board held today, it was decided that the supply of electricity to the Montecatini Works at Crotone should continue for the month of June with a permissible 15 minute peak demand of 10.00 KW x 10^3 and a permissible energy of 6.50 KWH x 10^6.

2. Due to the low level of water in the Sila reservoirs it will not be possible to continue the supply of power at the above rate after 30 June 45 to the Crotone Plant unless :-

(a) additional energy can be obtained for Southern Italy from Northern Italy;

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

This question will, however, be reviewed at the next meeting of the Committee.

3. It is understood that the Public Works & Utilities Sub-Commission of HQ ALCOM are investigating the situation regarding the loading of the transmission lines to the Nero Montero Chemical Works, Terni, with a view to establishing whether or not a supply of electric power can be transmitted to this plant to permit of a sufficient quantity of fertiliser being produced there in lieu of the Crotone production.

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

SJBL/gs.

Copy to:- Public Works & Utilities Sub-Commission, HQ, ALCOM.

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

RECEIVED
P.W. & U. S/C A.C.
29 MAY 1945 Z.14

INCOMING MESSAGE

HEADQUARTERS ALLIED COMMISSION

P.W. 55

Originator's Reference: .....
Date/Time of Origin: MAY 28/1400B

Message Centre No: E/2707
Date Time Rec'd: MAY 28/1930B
Precedence: ROUTIND

FROM: CATANZARO

TO : ELECTRIC POWER COMMITTEE AC ROME

N 856 POIKE CODESTA COMMISSIONE ALLEATA DOMANI 29 DOVRA DECIDERE MERITO ASSEGNAZIONE ENERGIA ELETTRICA STABILIMENTO MONTECATINI CROTONE PREGHIAMOVI ONDE EVITARE SOSPENSIONE ESERCIZIO CON CONSEGUENTE INEVITABILE LICENZIAMENTO CIRCA TRECENTO OPERAI VOLERE MANTENERE ALMENO ATTUALE ASSEGNAZIONE ENERGIA ELETTRICA PUNTO SOSPENSIONE ESERCIZIO STABILIMENTO AGGRAVEREBBE ANCHE MAGGIORMENTE ATTUALE PRECARIA SITUAZIONE AGRICOLA VENENDO MANCARE FERTILIZZANTI PUNTO PREGASI CONSIDERARE ANKE INEVITABILE CONSEGUENTE PERTURBAMENTO ORDINE PUBBLICO LICENZIAMENTO MALESTRANZE SEGUITO SOSPENSIONE ESERCIZIO STABILIMENTO

PREFETTO SOLIMENA

DIST

ACTION : PUBLIC WORKS

INFO : FILE

HEADQUARTERS
29 MAY 1945
A.F.H.C.

5445

ACTION

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

To: P.W.& U. S/C.

RECEIVED
P.W. & U. S/C A.C.
29 MAY 1945
2/4

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION

XIII/61

54

Tel. 447

27 May 1945

Ref. AC/3628/XIII.

56 w/ero

SUBJECT : Review of Position of Crotone Ammonia Plant of Montecatini.

TO : Chairman, Electric Power Committee A.F.L.R.B.

2. Seven plants are known to exist in all of Italy capable of producing fixed nitrogen (N) with hydrogen from electrolytic processes not dependent on coal or coke.
These are:

	Plant	Location	Known Annual Capacity in tons of N
1)	Montecatini	Crotone	~~6000~~ tons 23,000 tons
2)	Terni Co.	Terni Nantore	7000 "
3)	Montecatini	Bolzano (Gardge)	(Unknown - Prewar 24,000)
4)	Montecatini	Novara	6000 tons
5)	Montecatini	Belluno	1200 "
6)	Breabbia	Aosta	(Unknown - Estimated 4,000)
7)	Carbo Elettrico	Sardegna	(Has no power, cap. 3,000 tons)

corrected for telephone call from Parkinson 20/6/45

Total known capacity ~~26,400~~ tons.
68,200 tons

3. Three of the total known annual capacity, 7,400 tons lie north of the Po, 7,000 in Central Italy and 6,000 in the South.
The usage of N in fertilizer (according to Dr. Giannini of the Federazione Consorzio Agrario, Rome) is as follows:

5 1/4

Area	Annual usage, Tons/N
Sicily	In error 1,~~200~~
Calabria }	" " ~~300~~
Lucania }	
Apulia	" " 1,~~200~~

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

Area	Annual Usage, Tons/N
Campania Lazio - Umbria Abruzzi - Marche - Molise Northern Italy and Tuscany	Inferior 3,[illegible]00 " " 2,[illegible]00 " " 12,600
	Total Usage" [illegible]

These corrections made per telephone conversation Mr. Perkowitch 20/6/45 MHL

37,600 - Irreducible minimum
135,000 tons - Normal requirements

3. Thus, of the total known needs, 7,800 tons are required south of the line running, roughly, Grosseto - Rimini. Of this 7,800 tons, about half are used North of the Naples - Foggia line.

4. According to the Consorzio Agrario source, the greater proportion of the N fertilizers are used during the months Dec. - March.

5. The Terni Company at Nera Montoro can produce at the rate of 7,000 tons of fixed N per year with an allocation of 30,000 KW. This company has transformer and auxiliary equipment, at present, for only 8,000 KW. Public Works & Utilities Sub-Commission is investigating the possibility of providing the added facilities needed and will report as soon as possible. Terni has at present an allocation of 4,000 KW for ammonia production.

6. The problem of transportation appear to be about equal for Terni and Crotone in the matter of supplying the combined needs of Central and Southern Italy from either plant operating by itself. Crotone has a theoretical advantage of lying on a port, but to date shipments of raw materials to, and finished fertilizer from this point have been largely by rail. The nitrogen, as shipped, is in the form of ammonium sulphate, weighing about five times as much as the contained nitrogen.

7. Crotone produces 0.5 tons of N per year for each KW. of demand whereas Terni's comparable figure is 0.35 tons. The Terni Company's ~~high~~ low figure may be influenced by the desire of the company to obtain coal to operate the more profitable water-gas hydrogen process.

8. If all of the data on production and consumption are correct (all being from Italian sources and not amenable to checks for accuracy by this Sub-Commission) no argument could be presented, by this

37,3?

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

Sub-Commission, to divert military load to keep Crotone going after 1 July-if Termi is allowed to run.

For the Chief Commissioner:

cc: P.W.&U. S/C

W. J. MARRIOTT
Lt. Colonel,
Acting Director,
Industry Sub-Commission.

5449

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

Tel.489081
Ext.317

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub Commission

WML/ge

53

214/PWU.

26 May 45

SUBJECT: Electric Power North Italy.

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

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

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

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

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

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

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

For the Chief Commissioner :

5447

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

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

INCOMING MESSAGE

HEADQUARTERS ALLIED COMMISSION

Econ 52

Originator's Reference: RE 318
Date/Time of Origin: MAY 241110B

Message Centre No: E/2182
Date Time Rec'd: MAY 241810B
Precedence: ROUTINE

FROM: CE DISTWO

TO : AFLRS, RAAC INFO ELECTRICAL RECONSTRUCTION COMMITTEE HQ AC ROME

RESTRICTED

RESTRICTED.

DISTWO rep unable attend meeting on 29 May. No bids.

ACTION

DIST

ACTION: Econ Sec 2
INFO: A/President
Chief Commissioner
File 2
Float

RECEIVED
P.W. & U. S/C A.C.
25 MAY 1945 214

1 2 3 4 5 6 7 8 9 10
HQ ALLIED COMMISSION
25 MAG 1945
ECONOMIC SECTION
11 12 13 14 15 16 17 18 19 20

RESTRICTED

HEADQUARTERS
5440
A.

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

Tel. 489081
Ext. 317

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

LWL/ac

51

Reference : 214/PWU

25 May 1945

Subject : Power for Production of
Agricultural Chemicals - Sicily

To : MINISTRY OF PUBLIC WORKS (Att. Eng. Asta)

1.-- Attached request for the operation of the above plants is herewith transmitted for your attention.

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

1 enclosure

5430

ai folio 47

214/PWU

50

Rome, 23rd May 1945

To A.C. HQ.
P.W. & U. Sub-Commission
Electrical Division

and to the Central Commission
Ministry of P.W.
Italian Government

Subject :
Application for increase
of power allocation for
Rome Province sent by
Rome Provincial Commission.

1. We received a copy of the application sent to you by the Rome Provincial Commission for an increase of power allocation to Rome Province.

2. For the time being, before new groups may be put into operation in generating stations of Central Italy, the following considerations are to be kept in mind.

3. Observations to para.5 of Rome Provincial Commission Application -
It is known that some paper-mills have been storing their production in the past months. It is necessary that the Industry representatives go trough the whole matter regarding the production of paper also in connection with the present availability and the possibility of production of Northern Italy.

4. Observations to para.7 of Rome Provincial Commission Application -
Though it is expected a power consumption of only 3.000 kW for lighting staircases and halls, the question of this linking must be carefully examined, owing to the overlapping of this load with the evening peak-load (which takes place between 21,00 and 22,00 hrs). The evening peak-load is equal to the morning one and, as regards the whole of Central Italy system, is little less than 110.000 kW.

5438

5. Observations to para.8 of Rome Provincial Commission Application -
The information about decrease of load from 15,00 to 18,30 hrs is exact. It starts at about 14,00 hrs and averages about 10 - 15000 kW below the peak load previously considered. The decrease from 9,30 to 12,00 hrs is only of 2 - 3000

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

and to the Central Commission
Ministry of P.W.
Italian Government

Subject :
Application for increase
of power allocation for
Rome Province sent by
Rome Provincial Commission.

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5438

5. Observations to para.8 of Rome Provincial Commission Application -
The information about decrease of load from 15,00 to 18,30 hrs is exact. It starts at about 14,00 hrs and averages about 10 - 15000 kW below the peak load previously considered. The decrease from 9,30 to 12,00 hrs is only of 2 - 3000 kW. An increase in tramway-service during the morning would undoubtedly result very useful, but this project is to be examined carefully. In order to take decisions on this matter it seems to be useful to find out if any morning load be of less importance than the tramway one and can be reduced or disconnected.

6. Applications for increase of power allocation are to be ca-

./.

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

refully examined until new groups will be operating in Central Italy.

7.- On the contrary it may be thought that large quantities of energy can be made available for Rome Province as well as for the other regions of Central and possibly Southern Italy, as soon as the Mecenate and Ceprano groups and the Galleto 3rd group will be put into operation.

Eng. A.Asta

" Ispettorato Generale "
for Electricity Water and Gas

5437

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

as for the other regions of Central and possibly Southern Italy, as soon as the Mecenate and Ceprano groups and the Galleto 3rd group will be put into operation.

Eng. A.Asta

" Ispettorato Generale "
for Electricity Water and Gas

5437

AA/ac

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

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

Tel. 489081
Ext. 317

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

LWL/ac

49

Reference : 214/PWU

21 May 1945

Subject : Application for increase of power allocation to Rome Province

To : MINISTRY OF PUBLIC WORKS (Att. Eng. A.Asta)

1. Attached request for additional power allocation for Rome Province is herewith transmitted as per conversation for necessary action.

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

cc : ELECTRICITY CONTROL BOARD
R.A.A.C. - APO 794

cc : UFFICIO PROVINCIALE DELL'ECONOMIA - Roma

5438

enclosure :
letter 6/5/45 file 1093/AG

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

nr. 191 prot.

Rome, 15th May 1945

48

Subject :
Applications for power for civilians in Italian Govern ment territory.

To A.C. HQ.
P.W. & U. Sub-Commission
Electrical Division

I am including copy of a letter sent to El.Companies, Provincial Commission and "Servizi Idrografici" by Mr.Visentini as a Chairman of the Central Commission.

File Allocation Power Elect. 214

Eng. A.Asta

" Ispettorato Generale "
for Electricity Water and Gas

AA/ac

10/4 17/5/45

5430

Copy

Rome, 10th May 1945

To Electrical Companies

Provincial Commissions

"Servizi Idrografici"

Subject :
Applications for power for civilians in Italian Government territory.

In order to speed up the procedure for allocation of electric power, in agreement with the Allied Commission-Electrical Division the previously specified procedure was slightly changed as follows:

a) Application for power will be sent to local Electric Distributing Companies.

b) Electric Distributing Companies can connect and disconnect supplies of less than 10 KW, as far as the total amount of power distributed will remain unchanged.

c) When the monthly amount of power distributed is exceeded, applications shall be forwarded from Companies to Provincial Commissions in summarizing forms showing the total amount of power newly required.

d) Applications for power of more than 10 KW, must be put down in forms to be forwarded by Distributing Companies to Provincial Commissions, together with the forms of paragraph c).

e) Provincial Commissions will form priority lists of applications and forward them to the Central Commissions. At the same time Regional Advisory Committees will advise the Central Commission about availability of electric power.

f) Both application lists and availability data coordinated by the Central Commission will be sent to the A.C. representatives on the E.P.C. which will make final decisions and notify the Companies and inform Central and Provincial Commissions about granted allocations. Detailed instructions will follow.

5431

Signed : M.Visentini

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

Applications for power for civilians in Italian Government territory.

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5434

Signed : M.Visentini

Chairman of
Central Comission

AL/ac

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47

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P.W. & U. S/C A.C.
20 MAY 1945 214

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION

Tel. 543

VD/gsw

Ref. AC/5628/IND

19 May 1945

SUBJECT: Power for Production of Agricultural Chemicals Security

TO : Allied Force Headquarters
G-5 Section
APO 512
(Attn: Economics & Supply Division)

1. Further to our letter AC/5628/IND, to which a full report on "present production program and the extent to which electrical power is restricting production" was attached, we are transmitting herewith copy and translation of letter BA/do dated 5 May, from Montecatini Company, wherein further details are given regarding the situation at the Company's plants in Sicily.

/ W. J. MASKREY
Lt. Colonel
Acting Director
Industry Sub-Commission

Copy to: -
- Public Works & Utilities S/C
- Agriculture S/C
- AFLRS, AFHQ, RAAC, CMF
- Industry S/C
(Attn: Capt. D. B. Roberts)
- File 5599

Enclosures (As per paragraph 1 above)

Information 19/5/45

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

TRANSLATION

MONTECATINI
Milano

Rome 5 May 1944

Direzione Tecnica P.C.A.

TO : Allied Commission
Industry Sub-Commission
ROME

SUBJECT : Electric Power Supply
to our Plants in Sicily

Reference is made to our letter of 4th May - We confirm the following:

Plant at Bicocca (Catania prov.)

Previously monthly production of 20.000 quintals has been presently decreased to about 13.000 qls. owing to the reduction of electric power supply.

The plant, in fact, is supplied in a two weeks period, i.e. 336 hours, with electric power sufficient to allow only 133 hours operation.

Milazzo Plant

This plant is at present operating at normal capacity, but a plan is being studied to reduce the industrial electric power supply to 30% on the basis of 1942 requirement figures.

Should this programme be realised and considering that the above plant was operated only in the second six-months period of 1942 at reduced scale, there will be available 18-20.000 Kwh, which have been already largely surpassed during the first 4 months operation at the plant.

Even supplying the afore-mentioned 18-20.000 Kwh in the second six-months period, it appears that the plant could not be operated with 30.000 Kwh per month.

Conclusions

It is our strong desire that you take this matter in consideration by making proper representations on our behalf to

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

the High Commissioner for Sicily in order that our request for the present consumption rate to be maintained, be met.

On our hand we ensure that our withdrawals of power will take place in off-load periods, namely, by night, from 0000 to 0600 hrs, and from 0700 to 2000 hrs, during the summer period.

We thank for any action you will take on this respect.

M O N T E C A T I N I

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P.W.& U. S/C.A.C.
20 MAY 1945 314

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION

46

Tel. 543

VD/gsw

Ref. AC/5628/IND

19 May 1945

SUBJECT: Power Allotment
Montecatini, Crotone

TO : Montecatini Company
Via Salandra 13 - Rome
(Attn: Eng. Mancinelli)

1. We hereby advise you that the peak load supply of 12,000 KW for your works at Crotone has been extended to 3 June 1945, in view of the fact that the next meeting of the Electric Power Committee has been deferred until 29 May, at which time your case for the continuance of power supply will be presented.

W. J. MASKREY
Lt. Colonel
Acting Director
Industry Sub-Commission

Copy to: -
- Public Works & Utilities S/C
- File 5599

5430

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P.W. & U. S/C A.C.
20 MAY 1945 214

P.W. & U.S/C 45
552.

ALLIED FORCE LOCAL RESOURCES SECTION
AFHQ

LRS/215B/136

Postal Address:
AFLRS,
ROME AREA ALLIED COMMAND, CMF.

Telephone: ROME 66276.

17 May 45.

SUBJECT: Power Allotment,
Montecatini, Crotone.

TO: HQ ALCOM Economic Section.

COPY TO: HQ ALCOM Industry Sub-Commission.
HQ ALCOM Public Works & Utilities Section.
HQ No. 3 District.
Chairman, Electric Power Committee.

1. Further to this office letter, LRS/215B/135 dated 14 May 45.

2. In view of the next meeting of the Electric Power Committee being deferred till 29 May 45, authority is hereby given for the period of peak load supply to the Montecatini Works at Crotone of 12,000 kilowatts to be extended to the 3rd June 45.

3. It is requested that HQ ALCOM will submit to the meeting of the Electric Power Committee on 29 May 45 their case for the continuance of power supply to this Plant.

Thos R Gibbon

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

HEADQUARTERS 19

W. B. S. Sheldon

W. B. S. Sheldon, Colonel,
Chief of Section (Br),
A.F.L.R.S.

SJH/cws.

5429

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P.W. & U. S/C A.C.
20 MAY 1945 214

44

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION

VD/CP/jf

17 May 45

Tel. 543

Ref. AC/5628/IND

SUBJECT : Allocation of power to your Synthetic Ammonia plant at Crotone.

TO : Montecatini Co. -(Attn. : Eng. Mancinelli)
Via Salandra 13 - Rome.

40

1. Reference letter IRS/215 B/133 dated 14 May 1945 from AFIRS, AFHQ, and further to our letter AC/5628/IND dated 26 April.

2. We wish to advise that authority has been given for the period of peak load supply (12,000 KW) to your synthetic ammonia plant at Crotone to be extended to the 27 May 1945.

W.J. MASKREY
Lt. Colonel
Acting Director
Industry Sub-Commission.

Copy to : - ~~Economic Section~~
- P.W.& U. S/C
- HQ 3rd District
- Soc. Meridionale di Elettricita Naples.
- Chairman, Electic Power Committee
- AFIRS, AFHQ, RAAC, CMF
(Attn. : Col. W.B.S. Shelden)

5428

43

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P.W. & U. S/C A.C.
18 MAY 1945 214

RAAC MESSAGE FORM

for signals use only

DATE-TIME OF ORIGIN 171200B

FROM: AFLRS ROME AREA ALLIED COMMAND

TO (FOR ACTION): AFHQ (for Engr (A), Engr. (B)).
DISTONE, DISTWO, DISTHREE, D.M.R. ITALY, C.E. PBS.

REF NO: LRS/215A SECURITY CLASSIFICATION: RESTRICTED.

MEETING OF ELECTRIC POWER COMITTEE OF AFLR PAREN

ITALIAN PAREN BOARD CONVENED FOR TWO TWO MAY FOUR FIVE

DEFERRED UNTIL ZERO NINE THREE ZERO HOURS TUESDAY TWO

NINE MAY FOUR FIVE COMMA LOCATION UNCHANGED

LOCAL DISTRIBUTION

CG RAAC
HQ AFLCON Public Works & Utilities Sub-Com.
Chairman, Electrical Reconstruction Committee.

PRECEDENCE: ROUTINE

ORIGINATING SECTION: AFLRS RAAC

AG AUTHENTICATION

ORIGINATOR'S AUTHENTICATION

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

for signals use only

DATE-TIME OF ORIGIN

FROM: AFLRS ROME AREA ALLIED COMMAND 171200B

TO (FOR ACTION): AFHQ (for Engr (A), Engr. (B)).
DISTONE, DISTWO, DISTHREE, D.M.R. ITALY, C.E. PBS.

REF NO: LRS/215A SECURITY CLASSIFICATION: RESTRICTED.

MEETING OF ELECTRIC POWER COMMITTEE OF AFLR PAREN

ITALIAN PAREN BOARD CONVENED FOR TWO TWO MAY FOUR FIVE

DEFERRED UNTIL ZERO NINE THREE ZERO HOURS TUESDAY TWO

NINE MAY FOUR FIVE COMMA LOCATION UNCHANGED

LOCAL DISTRIBUTION

CG RAAC
HQ AFCOM Public Works & Utilities Sub-Com.
Chairman, Electrical Reconstruction Committee.

PRECEDENCE: ROUTINE

ORIGINATING SECTION: AFLRS RAAC

AG AUTHENTICATION

ORIGINATOR'S AUTHENTICATION

5427

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

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

RECEIVED
P.W. & U. S/C A.C.
15 MAY 1945 214

42

UFFICIO PROVINCIALE DELL'ECONOMIA

ROMA

COMMISSIONE PROVINCIALE PER L'UTILIZZAZIONE, LA DISTRIBUZIONE ED IL CONTROLLO DELL'ENERGIA ELETTRICA.

TO: P.W.U. SUB=COMMISSION, ELECTRICITY DEPARTMENT (Attention: Col. Lapper)

SUBJECT: Application for increase of power allocation to Rome Province.

OUR FILE: N° 1093/AG

This Commission begs to submit to your attention the following data:

I- It is known that the hydro-electric powerhouses of northern Italy are almost all intact and efficient and therefore there is small likelihood that the plants of central Italy will have to supply power to Northern Italy.

2 -This favourable situation allows the hypothesis that northern Italy will be able to supply power to central Italy (Valdarno network) as during the past in view of the hydric power of the Alpine plants during the spring and summer seasons.

3- During this month the hydroelectric plants of Mecenate and Ceprano will resume production for a turn out of IO.OOO KWs and during the month of June the Galleto group will most probably work again, beside the Ponte Fiume and, Fontecupa plants for a total of over 42.OOO KWs.

4 - On the basis of the above this Commission requests that an additional IO.OOO KWs, be alloted to the Rome network, thus bringing the power from 52.OOO KWs, as at present, to 62.OOO KWs, gradually.

5- This increase would permit satisfaction of the following exigencies of distribution:

- KW 5.OOO - per farming, irrigation, reaping, etc.
- " 2.OOO " industries producing construction materials needed for reconstruction
- " I.OOO reactivation of paper factories in the Tivoli zone
- " 2.OOO refrigerator industries

3-42

6- The above listed exigencies are merely given as an example, and it must be borne in mind that the power would not be given at the same time and therefore the power absorbed in any given moment would be less than IO.OOO KWs. Therefore it is requested that this Commission be authorized to allocate greater quantities of power to those consumers who prove their necessity.

7 - The Master Control Center has urged the increase of night power in view of the fact that the machinery employed cannot do its work since it is completely unloaded..

We beg to request again that the distributing Companies be authorized to

./.

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

UFFICIO PROVINCIALE DELL'ECONOMIA

ROMA

COMMISSIONE PROVINCIALE PER L'UTILIZZAZIONE, LA DISTRIBUZIONE ED IL CONTROLLO DELL'ENERGIA ELETTRICA.

link up the lighting systems of house doors and stairways, from the hours following the evening peak and until 6 am. In this connection it can be pointed out that this link up (roughly about 22,000 Consumers equal to 3.000 KWs) can be carried out gradually and will require about two months.
8. Distribution diagrams show, and this has been confirmed by the Master Control Center, that from 9.30 am to I2 noon, from I5 hours to I8.30 hours, there is a contraction in load, wherefore there could be more than 3.000 KWs distributed. Since the only utility which can absorb more power in the above mentioned hours, is the tramway service, it is requested that authorisation be given for this purpose.

THE PRESIDENT
(Renato Scambelluri)

Rome may 6th 1945

Talbot
Engineer
17/5/45

He has approved
this and is making
a report on it.

5425

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

memo

File 214

14/5/45

Ref 060 PWTU 14 may 45-

Fornaci di Barga wire drawing plant.

requires 200 kw June 45-

Included in Jan Basic Imports.

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

40

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P.W. & U. S/C A.C.
14 MAY 1945 214

ALLIED FORCE LOCAL RESOURCES SECTION
AFHQ

IRS/215B/133.

Postal Address:
AFHQ,
ROME AREA ALLIED COMMAND, CMF.

Telephone: ROME 66276.

14 May 45.

SUBJECT: Power Allotment,
Montecatini, Crotone.

TO: HQ ALCOM Economic Section.

COPY TO: HQ ALCOM Industry Sub-Commission.
HQ ALCOM Public Works & Utilities Section.
HQ No. 3 District.
Chairman, Electric Power Committee.

Folio 383 - File 060

1. Reference conversation, Brig. ANDERSON - Col. SHELDON, and further to this office' letter IRS/215B/128 dated 23 Apr 45, authority is given for the period of peak load supply to the Montecatini Works at CROTONE of 12,000 kilowatts to be extended to the 27th May 45.

2. As arranged, HQ ALCOM will submit to the next meeting of the Engineering Materials Committee their case for the continuance of power supply to this Plant.

W. B. S. Sheldon

W. B. S. Sheldon, Colonel,
Chief of Section, (Br)
A.F.L.R.S..

SJH/cws.

44 refers
45 reply

5423

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

memo

File 214

14/5/40

Ref 060 PWXU 14 may 40-

Formaci di Barga wire
drawing plant.

requires 2000 kw June 40-

Included in Jan Basis for PBS.

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

SUMMARY

General

1. Col. L. A. Jenny, C. E., Director of the Sub-Commission since the organization of the Allied Control Commission departed for Switzerland on matters connected with the activities of the Allied Commission.

2. Col. E. J. Ristedt, C. E. is Acting Director.

Additional Generating Capacity

Available power supply was increased by 12000 KW as a result of the reconstruction of a generating set at Castelnuova-Larderello. This plant is operated by volcanic steam - no coal or oil from the U. K. or U. S. necessary.

Power Allocation

Power allocations for the month of April (made in March) satisfy all Military requirements in Southern and Central Italy. Further supply in this area will be available for civilian use with the exception of power which may have to be transmitted to Northern Italy after liberation.

Street Lighting

Street lighting service, on a greatly curtailed basis, was resumed in Naples and Rome on 31 March. This service has long been requested by the Public Safety officers.

Central Italy Grid

The "Central Italy Grid" with master control center, located in Rome, continues to function satisfactorily with further improvement in voltage and frequency.

Italian Advisory Committees

Advisory Committees composed of Italian civilians are functioning regularly in Sicily, Sardinia, Southern and Central Italy. A committee representing Northern Italy will be organized shortly after liberation, and the final step will then be the formation of a national Group composed of members designated by the various regional committees.

Public Works Division

1. Port Reconstruction

The first objective of rehabilitation of the port of Civitavecchia has been attained, and 3000 tons of cargo can be handled daily.

2. Housing

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

40

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P.W. & I. S/C A.C.
14 MAY 1945 214

ALLIED FORCE LOCAL RESOURCES SECTION
AFHQ

Postal Address:
AFLRS,
ROME AREA ALLIED COMMAND, CMF.

Telephone: ROME 66276.

LRS/2150/133.

SUBJECT: Power Allotment,
Montecatini, Crotone.

TO: HQ ALCOM Economic Section.

14 May 45.

COPY TO: HQ ALCOM Industry Sub-Commission.
HQ ALCOM Public Works & Utilities Section.
HQ No. 3 District.
Chairman, Electric Power Committee.

Folio 383 - File 060

1. Reference conversation, Brig. ANDERSON - Col. SHELDON, and further to this office' letter LRS/2158/128 dated 23 Apr 45, authority is given for the period of peak load supply to the Montecatini Works at CROTONE of 12,000 kilowatts to be extended to the 27th May 45.

2. As arranged, HQ ALCOM will submit to the next meeting of the Engineering Materials Committee their case for the continuance of power supply to this Plant.

W. B. S. Sheldon, Colonel,
Chief of Section, (Dr)
A.F.L.R.S..

SJBH/cws.

44 refers
45 refers

5423

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P.W. & U. S/C A.C.
14 MAY 1945 214

67

COPY NO:.....

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

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

Tel: ROME 66275

39

LRS/215A.

12 May 45.

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - AGENDA

The nineteenth meeting of the Electric Power Committee will be held at 0930 hrs on TUESDAY 22 May 45 in the AFLRS (AFHQ) Conference Room, 2nd Floor, 68 Piazza dell'Esedra, ROME, to consider the following Agenda:-

1. Minutes of the eighteenth meeting held on 17 Apr 45.

2. To consider any matters arising out of the meeting of the Board held on 5 May 45.

3. To review the schedule of allocation of electric power in Central and Southern Italy and to receive applications for revised allocations for the month of JUNE.

4. To receive a report from HQ Allied Commission on the Electric power situation in Northern Italy and to decide on the allocations of power to be effected for the month of JUNE. (Bids from PBS, DISTONE and DISTWO to be submitted to AFLRS (AFHQ) in accordance with LRS/215B/127 dated 24 Apr 45).

5. Any other business.

6. To set a date for the next meeting.

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

5428

SJB/hh.

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

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - AGENDA

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5. Any other business.

6. To set a date for the next meeting.

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

5427

SJB/hh.

DISTRIBUTION:

See reverse.

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

DISTRIBUTION.

Copy No:

1/2	C-in-C, Med
3/4	Comdr, U.S. Eight Fleet.
5	MAAF (A)
6	MAAF (B)
7	CAO, AFHQ.
8	A/CAO, AFHQ.
9/16	G-4 (A), AFHQ.
17	G-4 (B), AFHQ (For DCOG).
18/19	G-5, AFHQ.
20	Engineer Section, AFHQ.
21	Engrs (B), AFHQ.
22	DEP&S, AFHQ.
23	REME, AFHQ.
24	Fiscal Director, AFHQ.
25	F.A., AFHQ.
26	CG, MTOUSA.
27	GPA, MTOUSA.
28/29	DMR, ITALY.
30	Tn, Increment, CMF.
31/32	AAFSC/MTC.
33/34	HQ., 214 Gp RAF
35	FA., RAF
36/38	CL., PBS
39/40	BPA., PBS
41	BPA., PBS(South)
42/43	HQ., 1 District
44	HQ., 2 District
45	CE., 2 District
46	HQ., 3 District
47	CE., 3 District
48/52	CG., Rome Area Allied Command
53	Flag Officer, Taranto & Adriatic
54	Flag Officer, Northern Area Med.
55	SENLUSNO, ITALY
56	Chief Commissioner, ALCOM
57	HQ., ALCOM
58	Vice-President, Economic Section
59/64	Economic Section
65/66	Industry Sub-Commission
67	Public Works & Utilities Sub-Commission
68	Chairman, Electric Power Committee
69	Chairman, Electrical Reconstruction C'tee
70	ATLRS, Naples Area
71/74	War Diary.
75	File.
76/95	Spares.

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

Col. Lafeber
Elec Sub Com.
Rome.

38

SOCIETA' MERIDIONALE DI ELETTRICITA'

APPENDIX "B"

RECCOMENDED ALLOTMENT OF ELECTRIC POWER - June 1944

AREA SERVED	RESPONSIBILITY OF	PERMISSIBLE 15 minute peak kW x10^3	PERMISSIBLE Energy kWh x 10^6
SOUTHERN ITALY			
APULIA CO	3 District	40,0	19,50
APULIA CO.to UNES	3 District	~~40,0~~ 4.0	1,50
NAPLES District	PBS	40,0	20,00
CAMPANIA CO:			
Frattamaggiore	3 District	4,0	2,50
Pomigliano	3 District	2,0	1,25
Salerno Torre Cast.	3 District	21,0	11,00
Benevento	3 District	3,25	1,40
Calore	3 District	1,25	0,70
S.Maria	PBS	5,5	2,80
LUCANIA CO:	3 District	4,5	1,50
	Total	125,50	62,15
CALABRIA 60 kV System			
(i) Calabria Co	AC	8,5 10.0	2,0
(ii) Crotone Plant	AC	~~9,0 //~~	~~5,8 //~~
	Total	18.5 ~~10.5~~	8,5 12,00
RAILWAY			
Naples Area 150 kV System	DGMRS	1,5	1,1
Foggia Benevento 150 kV	DGMRS	4,5	1,7
Salerno Torre 150 kV	DGMRS	2,0	1,1
RAILWAY LOAD on 150 kV System Total		8,0	3,9
Calabria on 60 System		3,0	1,7
Total 150 kV at Substations		133,5	66,05
Total 60 kV at Substations		20,5	~~10,2~~ 8,2
		~~154,0~~ 155	~~75,55~~ 76.25
TOTAL AT PLANTS.....		168,0	86,0

88.70
76.25
164.95

(Diversity factor for May 0,91- Losses Factor 1,20)

RECEIVED
P.W. & U. S/C A.C.
11 MAY 1944 .614

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

H/ On the 10th of May reservoirs have a contents of 284 mil kWhrs. We estimate there will be no water spilled unless rain comes. We think rain can not be expected owing to the season. However we judge that a further supply could be alloted to the Crotone Plant for the month of June.

.=.=.=.=.=.=.=.=.=.=.

mdp.

12,000

11

5420

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

Tel.489081
Ext.317

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub Commission

WML/ee

214/PWU.

5 May 45.

37

SUBJECT: Allocation of Power.

TO : A.F.L.R.(L)B., Rome Area
R.A.A.C., C.M.F.

1. Ref. the allocation of power made by the Electric Power Committee of the A.F.L.R.(I.)B. at their meeting held on 17 April last. 42,000 KW. of power was allotted to District I. between the hours 0600 to 2200.

2. For your information, District I. demand appears to be about 25,000 KW. and it is not understood why they are not taking the power which was requested.

3. It is suggested that, if they are not ready to take power beyond their present consumption, notification should be sent to the Electric Power Committee, so that a re-allocation may be made.

For the Chief Commissioner:

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

C.c. to: Economic Section.

5119

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

Tel. 489081
Ext. 317

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

36

Reference : 214/PWU

5 May 1945

Subject : Allocation of power for the month of May 1945 (35)

To : CAMERA DI COMMERCIO INDUSTRIA E AGRICOLTURA

Ref. your letter N° 1066/AG dated 30 April 1945.

1. The above letter has been forwarded to Ministry of Public Works (Att. Eng. Asta) for handling.

Rec'd 5/7

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

cc : Ministry of Public Works
(Att Eng. Asta)

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

CAMERA DI COMMERCIO INDUSTRIA E AGRICOLTURA

35

File 1066/AG

April 30, 1945

To : PUBLIC WORKS AND UTILITIES SUB-COMMISSION
Electricity Dept. (Att Lt.Col.Lapper) HQ AC

This Commission, constituted by Decree 95 of the Italian Government, following instructions received from the Engineering Division of the former Lazio-Umbria Region, AMG, begs to report that no orders have been given concerning the allocation of power for various zones of the Province under the RAAC, PBS and Third District, for the current month of May.

No instruction have been received, either, for formalities concerning bulk allocations of power to be addressed to the Advisory Committee.

It is requested therefore that the procedure, for forwarding to the respnnsible authorities applications for power, be notified to this Commission.

Direct contact between the Public Works and Utilities S/C Advisory Commission and this Commission can be had through the Head of the Technical Office Ing. Ranieri (Telephone 61723, extension 38).

original sent to M.P.W.

THE PRESIDENT

36 copies

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

File 214 Cf. Bastable 34

MEMORANDUM FOR FILE

Subject : Meeting on Electric Power Allocation - Crotone Chemical Plant - 1500 hours 30 April 1945

Present

Lt.Col.	W.M.LAPPER	- P. W. & Util.	S/C AC
Lt.Col.	V.S.RENTON	- "	" "
Maj.	E.J.BARRY	- "	" "
Maj.	R.A.RYAN	- "	" "
Maj.	L.W.LAUGHLIN	- "	" "
Capt.	ROBERTS	- Industry Sub-Commission	AC
Mr.	DORKOVICH	- "	" "

The procedure with respect to the allocation of power to industries was explained by Lt.Col. Lapper as being a function of the Electric Power Committee of the A.F.L.R.(I)B. The question of priority of Industries was not a function of Public Works and Utilities Sub-Commission.

After discussion Mr. Dorkovich and Capt. Roberts were in agreement.

The meeting adjorned.

L.W.LAUGHLIN
Major, S.R.
P.W. & U. S/C

5417

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

Memo for file 27th April 45.

33

Ref. Attached 2225 dated 13 April 45 from Prefect - Rieti.

Above letter was referred to Captain Wade-ROSA ex Lazio-Umbria.

The allocation to Rieti Area zone was raised to 1000 kW under No 3 District bulk allocation to the Region and a letter was sent out to this effect.

It is evident that the letter did not reach its destination

The matter was rectified on 26th April 45 by Col Renton this HQ who telephoned TERNI control and ordered 1000 kW for Rieti.

5416

Follow up.

S.P Wade. ROSA

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

R. PREFETTURA DI RIETI

Div. Gab N. di prot. 2625 Rieti, 13 aprile 1945

Risposta a nota

Allegati

OGGETTO: Assegnazione energia elettrica

RECEIVED
P.W. & U. S/C A.C.
18 APR 1945 214

RECEIVED
P.W. & U. S/C A.C.

ALLA HQ DELLA A.C.
Pubblic Works and utilities sub Commission
Electrical Division

R O M A

Con nota in data 10 febbraio corrente il Commissario Provinciale di Rieti dell'A.C. informava che la questione dell'energia elettrica per Rieti fu presentata ai rappresentanti del Quartiere Generale della Regione Lazio Umbria il 6 febbraio 1945, e che, con effetto immediato, l'assegnazione per Rieti era stata portata a 1000 kw.

Con nota informativa del 24 marzo u.s., il Commissario Provinciale di Terni dell'A.C. informava che l'energia assegnata alla Provincia di Rieti, per la zona servita dall'U.N.E.S., era di 1000 Kw.

La società U.N.E.S. informa ora invece l'Ufficio Ripartizione del carico di Terni, ha di recente comunicato, che l'assegnazione a questa zona, è di 750 Kw.

Ciò deve dipendere da un errore materiale ed è da rilevare, anzi, che ai bisogni di questa Provincia non sono sufficienti neppure 1000 kw, ma occorrono 1450 come ho recentemente dimostrato, in occasione della mia ultima visita a codesta Commissione (Ing.Asta).

E' urgentissimo quindi, che la Centrale Ripartizione, abbia notizia che l'assegnazione all'U.N.E.S. per Rieti

5475

Foglio 33

Translation sec. Machiavello

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è di 1000 kw, e che nel frattempo venga studiata la possibilità di portare a 1450 kw l'assegnazione.

In tal senso si rivolge viva preghiera a codesto Comando.

IL PREFETTO

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

File 214

Tel.489081
Ext. 317

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

WML/ao

28

ERC/PWU

17 April 1945

Subject : Italian Electrical Situation as of 17 April 1945 (Central Italy)

To : ELECTRIC POWER COMMITTEE
ALLIED FORCE LOCAL RESOURCES SECTION RAAC CMF

1. As forecast in the report of 20th March the second of the large generating units at the Galleto Power Station - Terni, came into operation on 10 th April 1945.

2. The Liverno Grid will be connected to the Central Italy Grid as from 1st May 1945. This will complete the inter-connected grid system in Central Italy which will be controlled from the Rome Master Control Centre and Bologna will be the limit of supply from this system.

3. The abnormally dry season is showing signs of reducing the generating capacity in Southern and Central Italy. The present capacity will be maintained but the restored capacity may not be fully available during the critical summer months.

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

5414

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

ELECTRIC POWER DEMANDS FOR MAY 1945

Ref.AC/5628/IND

Mil. District	Bld No.	Factory or Firm	Location	Product	Kw Peak Load	kwh/mo	Hr/day
RAAC		No new bids					
No. 1	(1)	Bozzi - S.Valdarno	Castel n. Borgogna Siena	Lignite	5	2,400	24
	(2)	Carpineto	Cavriglia-Arezzo	Lignite	30	15,000	24
	(3)	Poggio Avano	Cavriglia-Arezzo	Lignite	15	7,500	24
	(4)	Jesi Match Fact.	Jesi - Ancona	Matches			
FBI	(1)	Montecat.-Caverreno	Cav.-Grosseto	Pyrite	600	220M	24
	(2)	Ravi - Marchi	Cav.-Grosseto	Pyrite	100	40M	24
	(3)	Rocchegiano	Montieri-Grosseto	Pyrite	200	80M	24
	(4)	Monte Valerio AMMI	Camp.Mar-Leghorn	Tin. Conc.	450	170	24
	(5)	S.G.d Conn.A.Cirio	Porto Ercole Grosse	Fish packing	8	1,280	8
	(6)	Niccioleta	Massa Mar.Leghorn	Pyrite	188	80M	16 8
5 Army	(1)	Tobacco Factory	Lucca	Tobacco			
8 ARMY							
AG							

Furnished by hand by Capt Roberts Instl. S.C. for Elec. Pr Co. meeting A.F.L.R(I)B held 17 Apr. 45 Lt Langdon

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

ELECTRIC POWER DEMANDS FOR MAY 1945

RTR/rl

16 April 1945

Factory or Firm	Location	Product	Kw Peak Load	kwh/mo	Hr/day	Remarks
new bids						Repeat (1)&(2)from April
nal - S.Valdarno	Castel n. Poraderna Siena	Lignite	5	2,400	24	Maint & Production
rpineto	Cavriglia-Arezzo	Lignite	30	15,000	24	Maint. & Repair
gio Avano	Cavriglia-Arezzo	Lignite	15	7,500	24	Maint
i Match Fact.	Jesi - Ancona	Matches				Special request to Col. Lapper (Repeat (4)(6)&(14)from April)
ntecat.-Cavorrano	Cav.-Grosseto	Pyrite	600	220M	24	Maint. pumping & Repair-5 mo.
i - Marchi	Cav.-Grosseto	Pyrite	100	40M	24	Pumping.Linked with (1)
nhegiano	Montieri-Grosseto	Pyrite	200	100M	24	Pumping, Maint & Repair
te Valerio AMI	Camp. Mar-Leghorn	Tin. Conc.	450	170	24	Production
d Cons.A.Cirio	Porto Ercole Grosseto	Fish packing	8	1,280	8	Food processing
ciolata	Massa Mar.Leghorn	Pyrite	200 100	80M	16 8	
nco Factory	Lucca	Tobacco				special request to Col. Lapper (Repeat (1) from April
						(Repeat (1) from April
						(Repeat (1) from April

Furnished by hand by Cpt Roberts Ind. S. Br. for Elec. Pr Co. meeting A.F.L.B(I) B held 17 April 45 Lt Laughlin mjr

20

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P.W. + U

RECEIVED
P.W. & U. S/C A.C.
15 APR 1945 214

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

5443

26

Postal Address:
A.F.L.R.S.,
Rome Area Allied Command,
C. M. F.

Telephone: ROME 66275

LRS/215B/120.

14 April 1945.

SUBJECT : Allotment of Electric Power - MAY, 1945.

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

1. Herewith copy of bid for the allocation of Electric Power for the month of MAY, 1945, received for Headquarters, P.B.S.

HEADQUARTERS
15 APR 1945
A. C.

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

DGHT

5412

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

COPY

HEADQUARTERS
PENINSULAR BASE SECTION
APO 782

AG 675 BPENG

10 April 1945

SUBJECT : Allocation of Electric Power, MAY, 1945.

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

1. Reference is made to AFLRS' letter dated 23 October 44, 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 MAY 1945 are as follows :

a. Southern Italy.

1.	NAPLES District	40,000 Kw	20,000,000 Kwhr
2.	SANTA MARIA	5,500 Kw	2,800,000 Kwhr

b. Central Italy.

1.	CIVITAVECCHIA - LITTORIA	5,500 Kw	3,050,000 Kwhr
2.	LEGHORN Area	8,500 Kw	5,100,000 Kwhr
3.	LUCCA Area	2,000 Kw	1,200,000 Kwhr
4.	PIOMBINO	1,000 Kw	600,000 Kwhr
5.	GROSSETO	2,000 Kw	1,200,000 Kwhr
6.	LARDERELLO	1,000 Kw	600,000 Kwhr

For the Commanding Officer:

(Signed)

C. Y. ZUCKER
CAPTAIN, A. G. D.
ASS'T ADJ. GEN

5411

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

RECEIVED
P.W. & U. SUB-C. A.C
13 APR 1945 0214

P W + U

8 25

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

Postal Address:
A.F.L.R.S.,
Rome Area Allied Command,
C. M. F.

IRS/215B/119.

SUBJECT : Allotment of Electric Power - MAY 45. Tel : ROME 66275

TO : HQ AC, Public Works & Utilities Sub-Commission. 13 April 1945.

1. Herewith copy of bid for the allocation of Electric Power for the month of MAY, received for C.E., No.3 District.

2. Also enclosed are copies of correspondence received by this Section from Transportation Sub-Commission, AC.

HEADQUARTERS
13 APR 1945
A. G.

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

SJBL/dght

5410

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

TRANSPORTATION SUB-COMMISSION, AC

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

COPY

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

10 April 1945

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

SUBJECT : Allocation of Electric Power In Central Italy -
Bombrini - Parodi - Delfino.

1. Reference attached copy of letter received from the firm of BOMBRINI - PARODI - DELFINO of COLLEFERRO.

2. May the requested additional load be supplied please, as the repair shop concerned is engaged upon the repair of Rail Wagons for the ISR under special supervision of this Sub-Commission.

(Signed)

E. N. B. JEFFREY, Major RE

5409

BOMBINI - PARODI - DELFINO

R O M A

AZIENDA INDUSTRIALE

6th April 1945

To ALLIED COMMISSION HQ

Transportation Sub-Commission

Rails Division

C.M.F.

P/491 CD-vdn

ELECTRIC POWER REQUIREMENT FOR B.P.D.

COLLEFERRO REPAIR SHOP

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

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

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

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

5408

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

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

Southern Italy — 3 District - Requested Allotment of Electric Power — May

Area Served	Permissible 15 minute peak K.W. x 10^3		Permissible Energy K.W. Hr x 10^6	
	Allotted April 45	Requested May 45	Allotted April 45	Requested May 45
Apulia Coy	40.00	40.00	20.50	20.50
UNES Coy	4.00	4.00	2.50	1.75
Campania Coy				
(i) Pomigliano	4.00	4.00	2.50	2.50
(ii) Salerno -Torre -Castel.	20.00	21.00	12.00	11.00
(iii) Benevento	3.00	3.25	1.70	1.40
(iv) Calore	1.50	1.25	1.10	0.7
Lucana Coy	5.00	4.0	1.80	1.5

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3 District - Requested Allotment of Electric Power May 1945.

Permissible 15 minute peak K.W. x 10^3		Permissible Energy K.W. Hr x 10^6		
Allotted April 45	Requested May 45	Allotted April 45	Requested May 45	Remarks
40.00	40.00	20.50	20.50	
4.00	4.00	2.50	1.75	
4.00	4.00	2.50	2.50	Increase for Cement plants
20.00	21.00	12.00	11.00	Trolley buses and Canning Factories
3.00	3.25	1.70	1.40	
1.50	1.25	1.10	0.7	
5.00	4.0	1.80	1.5	

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

Central Italy — 3 District - Requested Allotment of Electric Power

	0600 hrs to 2200 hrs				2200 hrs to 0600 hrs			
	Allotted April		Requested May		Allotted April		Requested May	
	KW x 10^3	KW x 10^6	KW x 10^3	KW Hr x 10^6	KW x 10^3	KW/H x 10^6	KW x 10^3	KW Hr x 10^6
ø Frosinone			2.575	0.997			0.720	0.140
Rieti			1.275	0.486			1.100	0.210
ø Viterbo			1.535	0.583			0.810	0.160
ø Rome			1.065	0.410			0.620	0.120
Acquila			0.950	0.364			0.750	0.140
Total	7.4	2.84	7.4	2.84	4.0	0.77	4.0	0.77

ø In respect of that territory under 3 District control

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

3 District - Requested Allotment of Electric Power — May 1945.

s to 2200 hrs		2200 hrs to 0600 hrs				
Requested May		Allotted April		Requested May		Remarks
^{6} KW x 10^3	KW Hr x 10^6	KW x 10^3	KWH x 10^6	KW x 10^3	KW Hr x 10^6	
2.575	0.997			0.720	0.140	
1.275	0.486			1.100	0.210	
1.535	0.583			0.810	0.160	
1.065	0.410			0.620	0.120	
0.950	0.364			0.750	0.140	
7.4	2.84	4.0	0.77	4.0	0.77	

3 District control

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

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

RECEIVED
W. & U. S/C A
12 APR 1945 214

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

LRS/215/B/116

SUBJECT : Electric Power Requirements — Telephone : ROME 66275

TO : HQ AC, Public Works & Utilities Sub-Commission — 11 April 1945

Herewith copy of bid for the allocation of electric power for the month of MAY received from CE No. 1 District.

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

ar

Col Lapper
Engr 12/4

5405

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

Copy

Subject:- Allocation of Electricity Supplies.

C.E. No 1 District,
No. 166 C.E. Works.
CE 3940
9 Apr. 45.

A.F.L.R.S., RAAC.

Copy to:- M.G.R.E., AFHQ
HQ No. 1 District.

Herewith bid for the allocation of electric power for the month of MAY. The bid has been split up as follows:-

A. is the amount of bid for April and can be regarded as the basic minimum

B. is the additional supplies required to put into operation additional priority loads.

C. is a percentage increase to allow more energy to be available for small consumers in such areas as have had no increase due to readjustment of priority loads.

The 10,000 KW. for the Carbide Works has been excluded from the total as presumably it will be available on the same terms as for MARCH and APRIL

yes

Capt. R.E.
for Brig. C.E.

EJM/FJC

540/

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

ELECTRICITY ALLOCATION - MAY

	APRIL REQUEST Allocation requested	Priority Loads APRIL		Balance for civilian users	Additional installations ready for operation	
	A				B	
TERNI & District	16,410 KW 10,000 KW (special case - Carbide)	Steelworks	8000 KW	2,300 KW	Steelworks	2500 KW
		Ammonia	4000 KW			
		Ind.Gases	1000 KW			
		Carbon Factory	150 KW			
		Military Inst.	250 KW			
		Soc.Chemmica	600 KW			
		Lignite	110 KW			
			14110 KW			
		Carbide	10000 KW			
PERUGIA & FOLIGNO	6,295 KW	Rly. Wksp.	500 KW	3,535 KW	NIL	
		D.W. Sawmill	300 KW			
		Brickworks	300 KW			
		Lignite Mines	475 KW			
		Mil. Inst.	450 KW			
		Emery Prod.	40 KW			
		Match Factory	30 KW			
		Pottery Works	205 KW			
		Quarry	180 KW			
		Paper Mills	120 KW			
		Shoe Mfg.	40 KW			
		Textiles	70 KW			
		Refrigerators	30 KW			
		Printing	40 KW			
			2780 KW			
SPOLETO	3,250 KW	Cement Works	1520 KW	855 KW	Military Inst.	30 KW
		Lignite Mines	625 KW			
		Textiles	400 KW			
		Brickworks	120 KW			
			2665 KW			
ANCONA & ADRIATIC Coast to North	7,425 KW	Dockyard	600 KW	3,495	NIL	
		Water Pumping	250 KW			
		Military Inst.	1500 KW			
		Sulphur	200 KW			
		Brickworks	80 KW			
		Oil Pumping	100 KW			
		Cold Store	110 KW			
		Rly Wksp.	60 KW			
		Match Factory	65 KW			

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

ELECTRICITY ALLOCATION - MAY

APRIL REQUEST on ed	Priority Loads APRIL		Balance for civilian users	Additional installations ready for operation		25% increase on civil and rural allocation	Total bid for MAY
				B	C	C	A B C
W	Steelworks	8000 KW	2,300 KW	Steelworks	2500 KW	600 KW	19,510 KW
	Ammonia	4000 KW					10,000 KW
	Ind.Gases	1000 KW					(Carbide
	Carbon Factory	150 KW					
	Military Inst.	250 KW					
	Soc.Chemmica	600 KW					
	Lignite	110 KW					
		14110 KW					
	Carbide	10000 KW					
	Rly. Wksp.	500 KW	3,535 KW	NIL		900 KW	7,195 KW
	D.W. Sawmill	300 KW					
	Brickworks	300 KW					
	Lignite Mines	475 KW					
	Mil. Inst.	450 KW					
	Emery Prod.	40 KW					
	Match Factory	30 KW					
	Pottery Works	205 KW					
	Quarry	180 KW					
	Paper Mills	120 KW					
	Shoe Mfg.	40 KW					
	Textiles	70 KW					
	Refrigerators	30 KW					
	Printing	40 KW					
		2780 KW					
	Cement Works	1520 KW	855 KW	Military Inst.	30 KW	200 KW	3,750 KW
	Lignite Mines	625 KW					
	Textiles	400 KW					
	Brickworks	120 KW					
		2665 KW					
	Dockyard	600 KW	3,495	NIL		NIL (Satisfied from readjustment of Priority Loads)	7,425 KW
	Water Pumping	250 KW					
	Military Inst.	1500 KW					
	Sulphur	200 KW					
	Brickworks	80 KW					
	Oil Pumping	100 KW					
	Cold Store	110 KW					
	Rly Wksp.	60 KW					
	Match Factory	65 KW					

2/.....

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

ELECTRICY ALLOCATION - MAY

	Allocation requested	APRIL REQUEST Priority Loads APRIL		Balance for civilian users	Additional installations ready for operation	2 c a
	A				B	
ANCONA etc. (contd)		Paper Factory	900 KW			
		Tannin Factory	35 KW			
		6 Silk "	30 KW			
			3930 KW			
AREZZO & District incl. Montevarchi, San Giovanni Incisa	3,400 KW	D.W.Brickworks	120 KW	930 KW	NIL	
		Other "	250 KW			
		Nail Factory	100 KW			
		Lignite Mines	200 KW			
		Castel Nuova "	350 KW			
		Mil. Inst.	550 KW			
		Incisa Cement Wk	170 KW			
		Greve " "	50 KW			
		Shoe Factory	30 KW			
		Steelworks	300 KW			
		Glass Factory	50 KW			
		Sugar Refinery	300 KW			
			2470 KW			
SIENA & District	1,310 KW	Mil. Inst.	140 KW	875 KW	NIL	
		D.W. Sawmills	100 KW			
		Soc.Crocchi	20 KW			
		Serum Factory	45 KW			
		Abetina Mercury Mine	100 KW			
		Tannery	30 KW			
			435 KW			
ORVIETO & District incl. Chiusi &	2,050 KW	Mil. Inst.	150 KW	1530 KW	NIL	
		Rly. Quarry	120 KW			
		Mercury Mines (Carpine Sulforato	250 KW			
			520 KW			
TOTAL	40,410 KW				2,530 KW	
Adriatic & South of Pescara.	Local Prod approx 2500 KW supply from grid 1000 KW	Carbon Factory	150 KW	2740 KW	NIL	
		Mil. Inst.	200 KW			
		Brickworks	40 KW			
		Ceccheti Rly.Wk.	300 KW			
		Racanati Chem.	70 KW			
			760 KW			

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

ELECTRICY ALLOCATION - MAY

APRIL REQUEST Priority Loads APRIL		Balance for civilian users	Additional installations ready for operation	25% increase on civil & rural allocation	Total bid for MAY A B C
			B	C	
Paper Factory	900 KW				
Tannin Factory	35 KW				
6 Silk "	30 KW				
	3930 KW				
D.W.Brickworks	120 KW	930 KW	NIL	NIL (Satisfied from readjustment of priority loads)	3,400 KW
Other "	250 KW				
Nail Factory	100 KW				
Lignite Mines	200 KW				
Castel Nuova "	350 KW				
Mil. Inst.	550 KW				
Incisa Cement Wk	170 KW				
Greve " "	50 KW				
Shoe Factory	30 KW				
Steelworks	300 KW				
Glass Factory	50 KW				
Sugar Refinery	300 KW				
	2470 KW				
Mil. Inst.	140 KW	875 KW	NIL	200 KW	1,510 KW
D.W. Sawmills	100 KW				
Soc.Crocchi	20 KW				
Serum Factory	45 KW				
tina Mercury Mine	100 KW				
Tannery	30 KW				
	435 KW				
Mil. Inst.	150 KW	1530 KW	NIL	300 KW	2,350 KW
Rly. Quarry	120 KW				
Mercury Mines	250 KW				
rpine Sulforato					
	520 KW				
			2,530 KW	2,200 KW	45,140 KW
Carbon Factory	150 KW	2740 KW	NIL	NIL	1,000 KW from grid
Mil. Inst.	200 KW				
Brickworks	40 KW				
Cecoheti Rly.Wk.	300 KW				
Racanati Chem.	70 KW				
	760 KW				
					46,140 KW from grid.

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

ELECTRICITY ALLOCATION - MAY

507

Total Bid :- 46,140 KW per hour peak during day to be reduced by night by any percentage fixed by the Board up
KW Hour requirements - 27 Million KW. Hours.
In addition 10,000 KW per hour (6 Million KW HOURS is required by TERNI Carbide Works)
Railway bid not included.

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

ELECTRICITY ALLOCATION - MAY

hour peak during day to be reduced by night by any percentage fixed by the Board up to 40%.
ements - 27 Million KW. Hours.
,000 KW per hour (6 Million KW HOURS is required by TERNI Carbide Works)
t included.

ALLIED MILITARY GOVERNMENT
PUBLIC WORKS AND UTILITIES SECTION
NAPLES

93

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

10 April 1945

SUBJECT : Electric Power Allotment
Southern Italy - May 1945

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

Enclosed herewith is a recommended allotment of electric power for Southern Italy for the month of May 1945.

For the Regional Engineer :

R . A . RYAN Maj.
Public Utilities Officer

RAR/ws

Enclo.

5?

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

RECOMMENDED ALLOTMENT OF ELECTRICITY P ER - MAY 945

AREA SERVED	RESPONSABILITY OF	PERMISSIBLE 15 minute peak KWx10^3	PERMISSIBLE Energy KW x 10^6
SOUTHERN ITALY			
APULIA CO	3 District	40,0	20,5
APULIA CO.to UNES	" "	4,0	1,75
NAPLES District	P.B.S.	40 ,0	20,0
CAMPANIA CO:			
(i) Pomigliano	3 District	4,0	2,5
(ii) Salerno-Terre-Cast.	" "	21,0	11,0
(iii) Benevento	" "	3,25	1,4
(iv) Calore	" "	1,25	0,7
(v) S.Maria	P.B.S.	5,5	2,8
LUCANIA CO.	3 District	4,0	1,5
	TOTAL	123,00	65,15
CALABRIA 60 KV System			
(i) Calabria Co	A.C.	8,5	2,0
(ii) Crotone Plant	A.C.	9,0	5,8
	TOTAL	17,5	7,8
RAILWAY			
Naples Area 150 kV System	DGMRS	1,5	1,1
Foggia-Benevento 150 kV System	"	4,5	1,7
Salerno-Terre 150 kV System	"	2,0	1,1
TOTAL RAILWAY LOAD on 150 kV System		8,0	3,9
Calabria on 60 System		3,0	1,7
Total 150 kV at Substations		131,0	66;05
Total 60 kV at Substations		20,5	9,5
		151,5	75,55
TOTAL AT PLANTS		168,0	87,0

(Diversity facter for May 0,92 -
Losses facter 1,21)

539

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

22

AFHQS ROME AREA ALLIED COMMAND 101630 B

HQ 1 DISTRICT HQ 2 DISTRICT HQ 3 DISTRICT
FBS ROME AREA ALLIED COMMAND MILITARY RAILWAY SERVICE
AMG 5 ARMY

LRS/215 RESTRICTED

INCREASED ALLOCATIONS OF ELECTRIC POWER FOR APRIL AVAILABLE FROM TEN APRIL FOUR FIVE AND MAY BE UTILIZED FROM THAT DATE STOP LOVE ROGER SUGAR SLANT TWO ONE FIVE BAKER SLANT NINE NINE DATED TWO ONE MARCH REPEAT

LRS/215
B/99
21 March 45

Col Lapper

5393

HQ AC Public Works & Utilities Sub-Commission.

Chairman:
Electric Power Committee

ROUTINE
AFHQS ROME AREA
ALLIED COMMAND

HERE, AFHQ

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

INCREASED ALLOCATIONS OF ELECTRIC POWER FOR APRIL AVAILABLE
FROM TEN APRIL FOUR FIVE AND MAY BE UTILIZED FROM THAT DATE
STOP LOVE ROGER SUGAR SLANT TWO ONE FIVE BAKER SLANT NINE
NINE DATED TWO ONE MARCH REPEATS

LRS/215
B/99
21 March 45

Col Lapper

5393

ROUTINE
AFHRS ROME AREA
ALLIED COMMAND

TO: AC Public Works &
Utilities Sub-Commission.

Chairman:
Electric Power Committee

ACSE, AFHQ

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

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

9th April 1945

To Major Langhlin

20

POWER ALLOCATION FOR MAY

NAPLES	40,000 KW	20,000,000 KwH.
S.MARIA	5,500 KW	2,800,000 Kwh.
CIVITAVECCHIA	5,500 KW	3,050,000 Kwh.
LITTORIA		
LEGHORN	8,500 KW	5,100,000 Kwh
LUCCA	2,000 KW	1,200,000 Kwh
PIOMBINO	1,000 KW	600,000 Kwh.
GROSSETO	2,000 KW	1,200,000 Kwh
LARDERELLO Area	1,000 KW	600,000 Kwh.

This information was given by Lt.Col. Cooley to Lt.Col. Renton by telephone on 9th April 1945.

R

5397

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

RECEIVED
P.W. U. S/C A.C.
10 APR 1945 214

19

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

Postal Address:
A.F.L.R.S.,
Rome Area Allied Command,
C. M. F.

Telephone: ROME 66275

9 April 1945.

LRS/215B/112.

SUBJECT : Electric Power Requirements - MAY.

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

1. The following bids for Electric Power for the month of MAY have been received by this Section :-

(a) 8 Army (170 C.E. Works)

30 KV Line FANO to RIMINI inclusive		1,000 KW

(b) 5 Army

FLORENCE (PRATO Area)	0800 - 2200	19,000 KW
	2200 - 0800	13,000 KW
BOLOGNA (Provisional Bid)	24 hours	8,000 KW

9 APR 1945

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

SJBL/dght

5396

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

Tel. 489081
Ext. 317

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

LWL/ac

17

214
Reference : 458/PWU

26 March 1945

Subject : Power allocation for the month of April 1945

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

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

By command of Rear Admiral STONE.

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

5395

1 enclosure

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

Tel. 489081
Ext. 317

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

16

LWL/ac

Reference : 214 158/PWU

26 March 1945

Subject : Power allocation for the month of April 1945

To : ADVANCED SECTION ELECTRICAL DIVISION
PUBLIC WORKS AND UTILITIES SUB-COMMISSION, AC
(Att Major R.A.BELL)
in care of Florence Province AMG
Telephone - Florence 1153

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

By command of Rear Admiral STONE,

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

1 enclosure

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

el. 317

WML/bb

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

20 March 1945

EHC/PWU

SUBJECT: Italian Electrical Situation
as of 20th March 1945 (Central Italy).

TO : Electric Power Committee
Allied Force Local Resources Section RAAC CMF.

1. The second of the large generating Units at the Calloto Power Station, Terni, will be ready for operation about 10th April 1945. This will make a further 30,000 Kilowatts of power available on the Central Italy Grid.

2. A number of smaller plants have also been brought into operation but the output capacity is to some extent, offset by the breakdown of other plants and the withdrawal of plants for normal maintenance.

3. Many of the Hydro Electric Generating Stations will have to reduce their output during May due to reduced water flow. It is anticipated that this reduction in generating capacity will be replaced by restoration of additional plants.

W.M. LAPPER
Lieut-Colonel
Elect. Reconst.
Committee (Italy)

5394

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

Tel. 489081
Ext: 317

S-E-C-R-E-T

LWL/ao

HEADQUARTERS ALLIED COMMISSION
PUBLIC WORKS AND UTILITIES SUB-COMMISSION
APO 394

Reference : 214/PWU

14 March 1945

Subject : Hotel Reservations

To : HOTEL MANAGEMENT SECTION (Am)
R.A.A.C. - Attn Lt.Col.F.J.Hobbs

1) - Col. R.M.Edgar of Engineer Section A.F.H.Q. has, in the course of a telephone conversation on other matters, requested that I arrange hotel accommodations for him and Maj.Ball for Monday and Tuesday night March 19th and 20th respectively and indicated a preference for the Grande Hotel.

2) - Col. Edgar is chairman of the Electric Power Committee of the A.F.L.R. (I). B. which is made up of representatives of :

HQ. AC
D.M.R., Italy
HQ N° 1 District
HQ N° 2 District
HQ N° 3 District
C.G. - RAAC
C.G. - PBS
Electric Reconstruction Committee (Italy)

3) - The committee allocates the electric power for all of occupied Italy and meets in Rome once each month which is centrally located for the members of the committee.

4) - In the event that reservations at the Grande Hotel are not possible the Ambassador would be quite satisfactory.

5) - Col.Edgar also attends the monthly meetings of the Electrical Reconstruction Committee under the chairmanship of Maj.Gen. McCoach C.E. - AFHQ and acts as chairman of this committee in the absence of the General.

S-E-C-R-E-T

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

6) - The meeting of para 2) is held in the morning and that of para 5) in the afternoon of the same day.

7) - These meetings occur each month.

8) - Please let us know the decision taken in this matter.

L.W.LAUGHLIN
Major, S.R.
Secretary,
Elec. Recon. Com. (Italy)

5392

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

13

RECEIVED
23 MAR 1945 214

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

Postal Address:
A.F.L.R.S.,
Rome Area Allied Command,
C. M. F.

LRS/215B/ .

SUBJECT : Electric Power Allocations for the month of APRIL.

22 March 1945.

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

Telephone: ROME 66275

12

1. Reference Appendix "A" to the Minutes of the Miscellaneous Purposes Committee held on 20 March 45.

2. Will you please notify this Section by telephone with a written confirmation of the date when the increased allocations of power for APRIL may be utilized by Services, in order that the necessary wires can be despatched by this Section.

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

SJBL/dght

5397

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

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

LRS/215F/3A.

Postal Address:
AFLRS, RAAC, CMF.

Telephone: ROME 66275

20 March 1945

SUBJECT : Advisory Committee on Electric Power.

TO : HQ. A.C.
Public Works & Utilities
Sub-Commission
(Attention: Lt. Col. W.M. Lapper)

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

The attached letter reference 1851/2/Q2 of 16 Mar '45 received by this Section from HQ No. 2 District is forwarded for your necessary action.

S. J. B. Louden, Major, DAQMG,
for Chief of Section,
A.F.L.R.S.

Copy to: -
HQ No 2 District

Lt Col Lapper Ver
Dup 21/3

5393

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

SUBJE : Advisory Committee for Electric l er

2156

HQ No 2 District CMF
1851/2/Q2

AFLRS (RAAC)
APO 512

16 Mar 45

1. This HQ receives two copies of the minutes of the Advisory Committees for Electric Power for Central Italy, Sardinia and Sicily. The Chief Engineer also receives a copy.

2. As these committees deal with matters of predominantly technical interest, it is considered that one copy for the CE is sufficient.

3. Will you please therefore delete "HQ 2 District" and "Adv CE 2 District" from the distribution list of these minutes, leaving only "CE 2 District" (one copy) as far as this HQ is concerned.

L. Leslie Major
for Major General,
Comd No 2 District.

Copy to: CE - Please bring to the notice of Q any pts which you consider to be of importance to the Staff.

3884

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

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

10

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

Postal Address:
A.F.L.R.S.,
Rome Area Allied Command,
C. M. F.

Telephone: ROME 66275

LRS/215B/96.

18 March 1945.

SUBJECT : Agriculture - Electric Supply.

TO : HQ AC, Economic Section.

66 - 1st Part

1. Further to this office letter LRS/215B/66 dated 2 March 45.

2. If the policy regarding the treatment of demands for power for irrigation purposes is to be decided at the meeting of the Electric Power Committee being held on Tuesday, 20 March 45, it would be appreciated if a reply to para 4 of the above-quoted letter could please be forwarded.

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

SJBL/dght

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

5388

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

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

9

Postal Address:
A.F.L.R.S.,
Rome Area Allied Command,
C. M. F.

Telephone: ROME 66275

LRS/215B/95.

SUBJECT : Electricity Demands - APRIL 1945.

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

18 March 1945.

Enclosed herewith for your information are copies of bids for Electric Power for the month of APRIL 1945, received from HQ, PBS and CE, 3 District.

5387

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

AR/dght

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

2775

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

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

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

Telephone: ROME 66275

LRS/215B/91.

SUBJECT : Electricity Allocations.

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

16 March 1945.

Attached hereto for your information are copies, in graphical form, of bids received from ROME Area Allied Command and C.G., PBS, for electricity allocations for the month of APRIL 1945.

HEADQUARTERS
16 MAR 1945
G

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

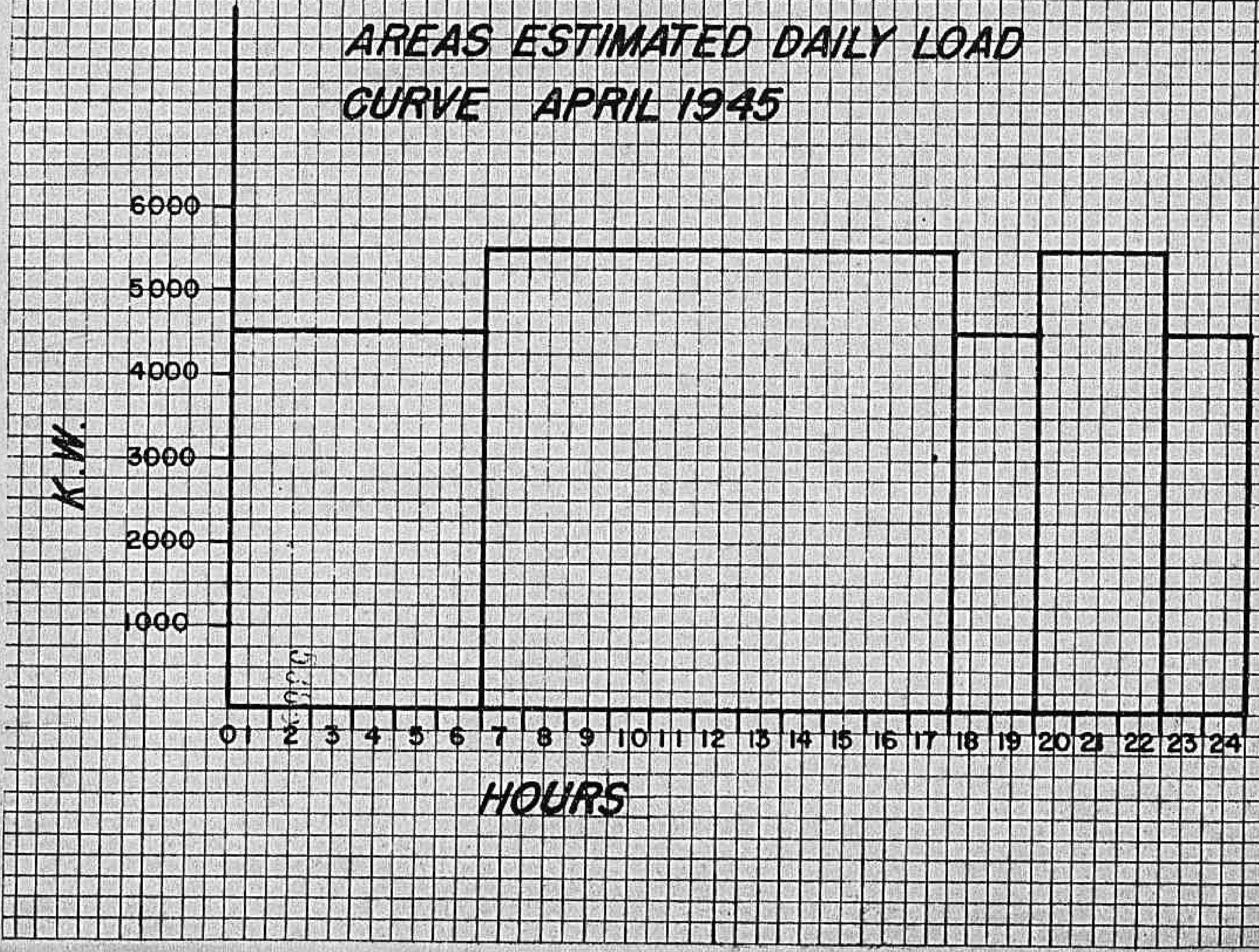
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Lt Col Thapsen
Dup 17/3

5385

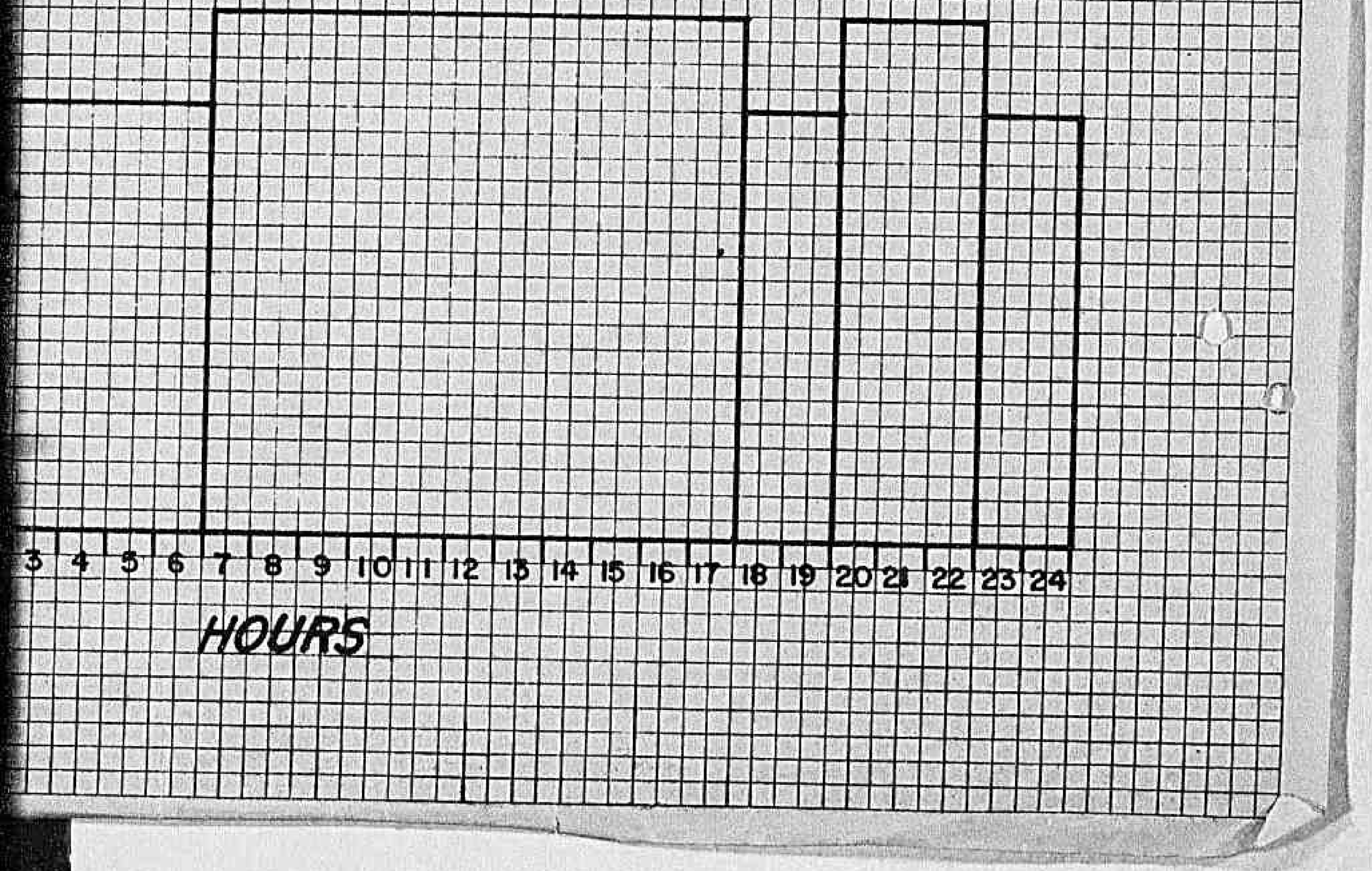
Declassified E.O. 12356 Section 3.3/NND No. 785019

CENTRAL ITALY GRID
LITTORIA AND CIVITAVECCHIA
AREAS ESTIMATED DAILY LOAD
CURVE APRIL 1945



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

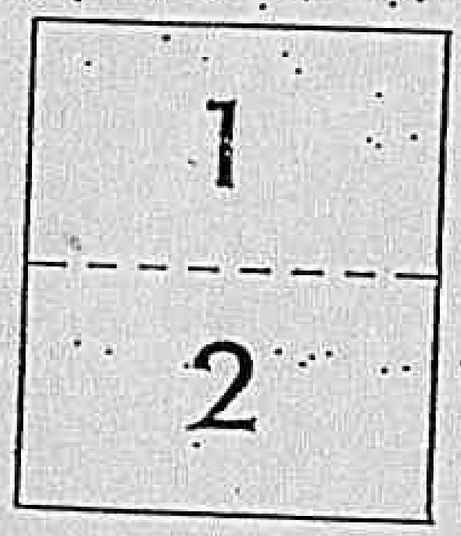
CENTRAL ITALY GRID
LITTORIA AND CIVITAVECCHIA
AREAS ESTIMATED DAILY LOAD
CURVE APRIL 1945

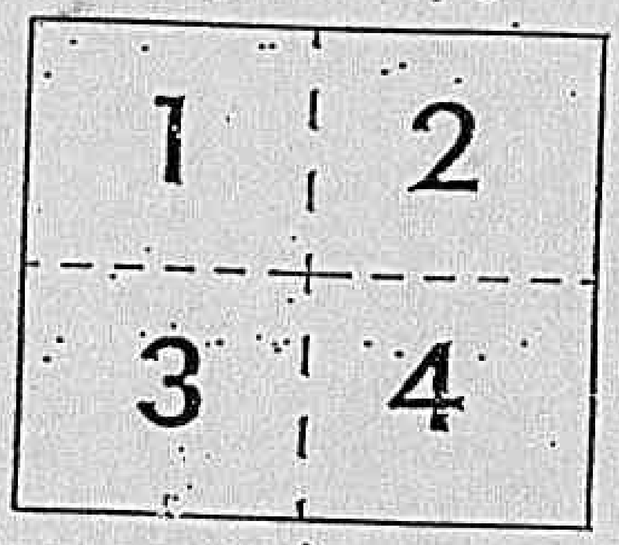


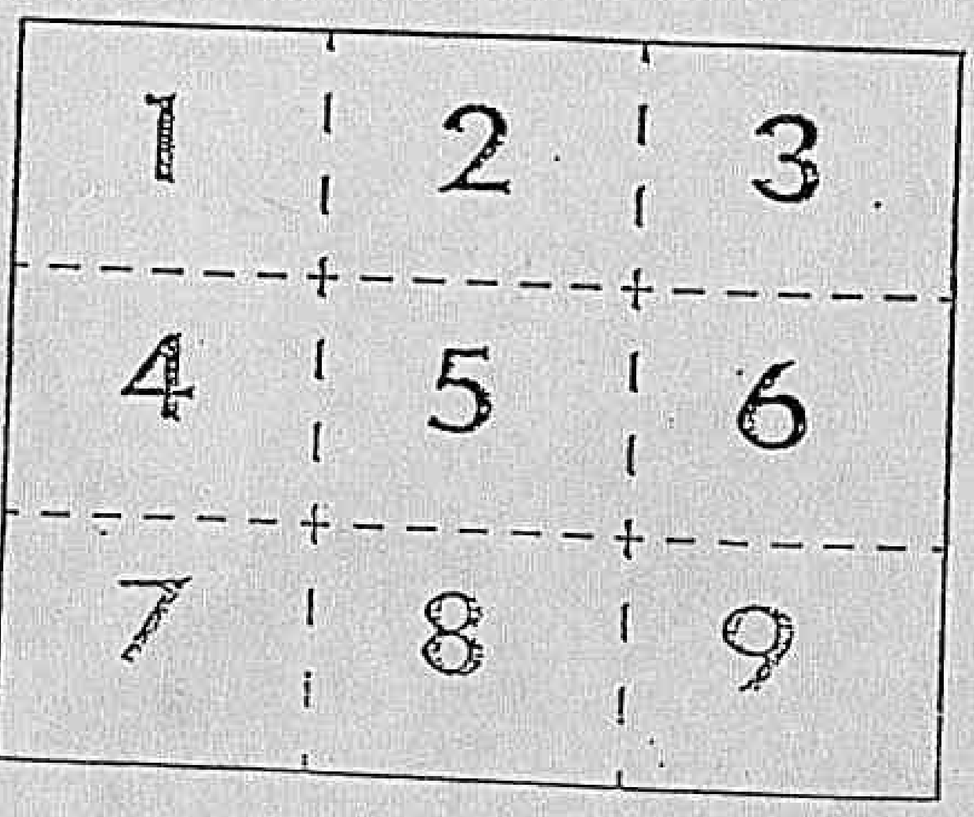
Declassified E.O. 12356 Section 3.3/NND No. 785019

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

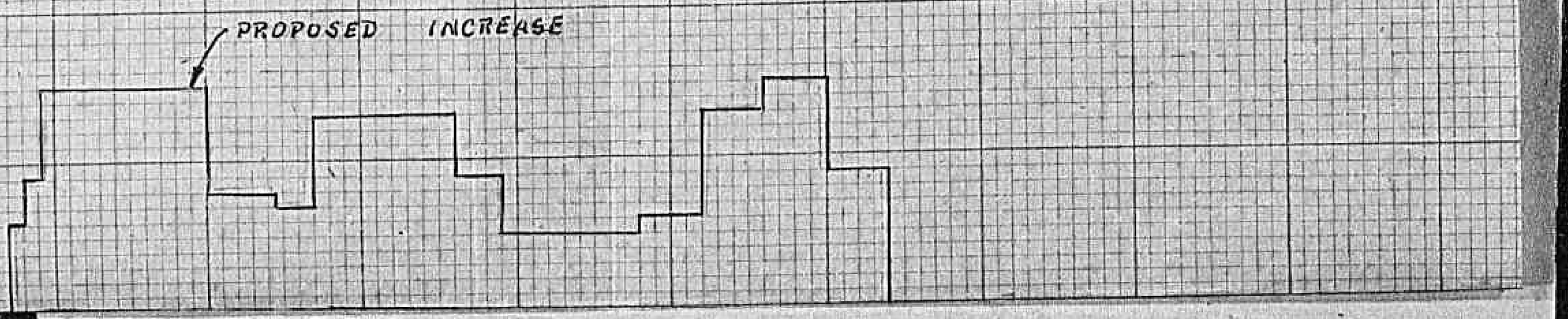
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ds of Kw.

ROME ELECTRICITY

PROPOSED INCREASE

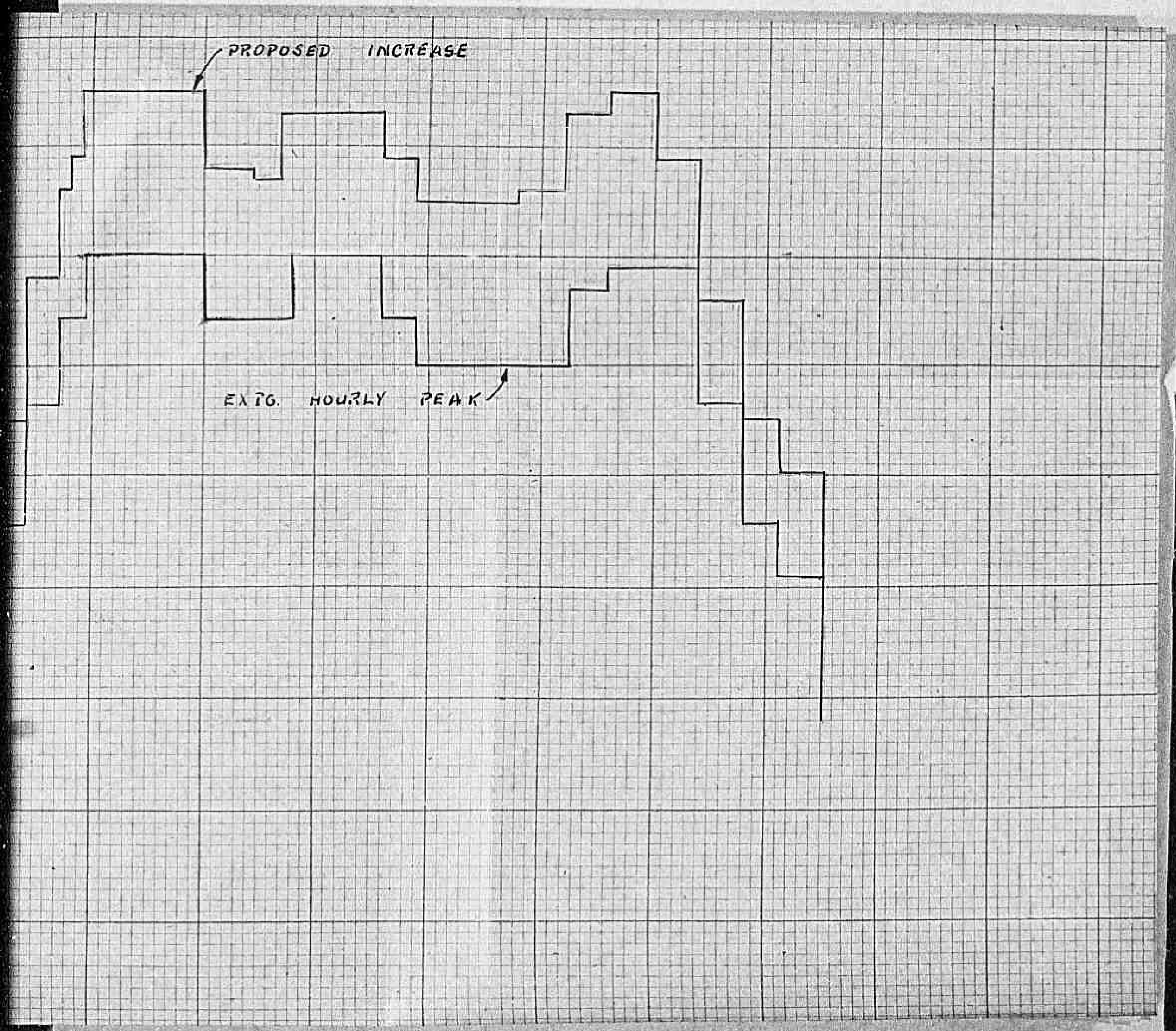
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ROME ELECTRICITY BID - APRIL



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

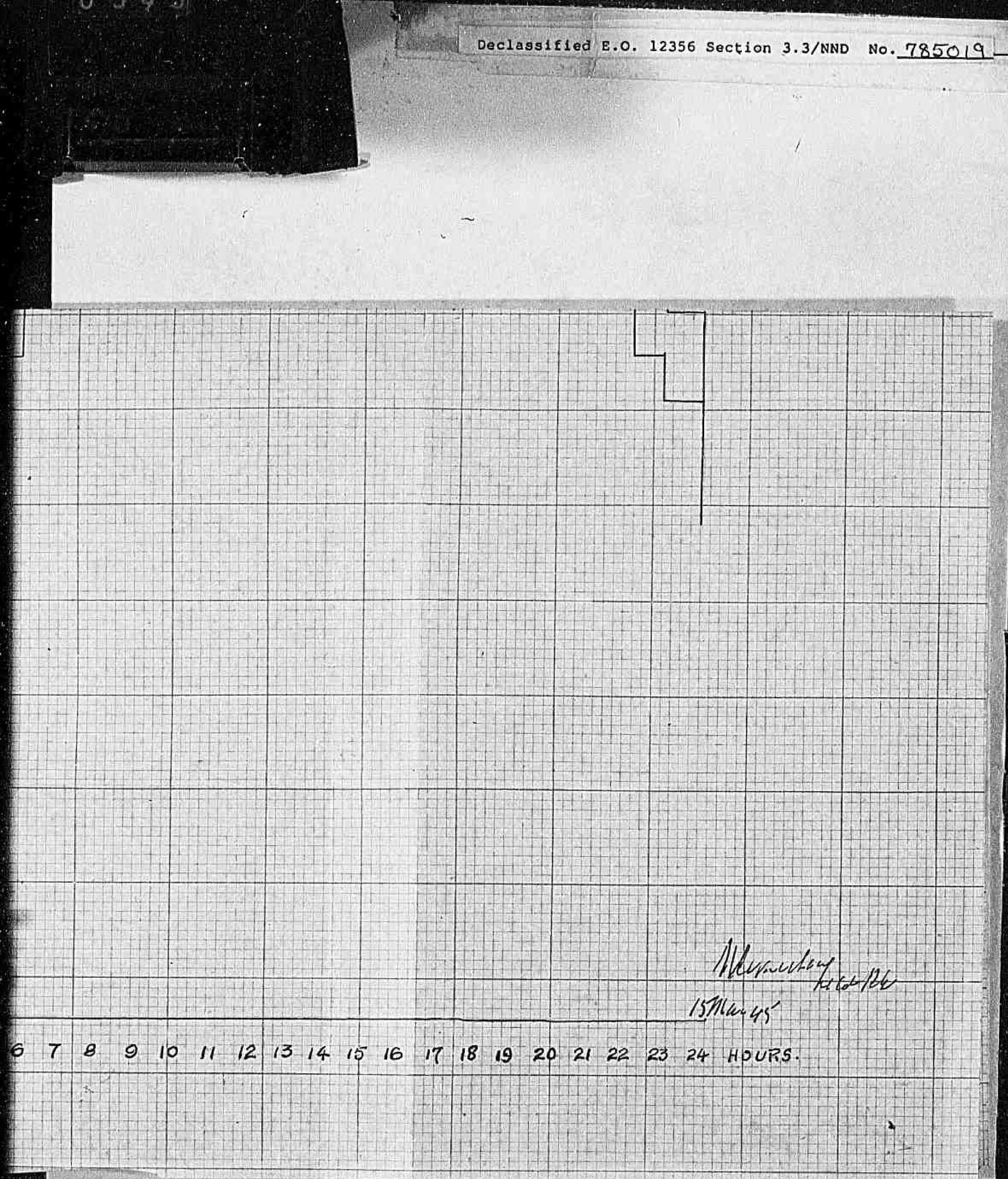
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Declassified E.O. 12356 Section 3.3/NND No. 785019

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

PW+V 7

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

Postal Address:
A.F.L.R.S.
Rome Area Allied Command,
C.M.F.

LRS/215B/83

SUBJECT : Electricity Allocations.

Telephone: ROME 66275

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

14 March 1945

Enclosed herewith for your information is copy of letter received from HQ Fifth Army showing bid for power for the month of APRIL.

HEADQUARTERS
15 MAR 1945
A.

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

Lt Col Chapper
Adj 16/3

ar.

HEADQUARTERS FIFTH ARMY
APO 464 US ARMY

RMD/WAT/lrc

Mar 11 1945

AG 400-Z

SUBJECT: Request for Electric Power for the Month of April

TO : AFLRS
Rome Area Allied Command
APO 512, US Army

1. In reply to letter AFLRS/215B/66, subject: "Allocation of Electric Power in Central Italy for the Month of April", dated 1 March 1945, a total bid for a maximum peak load of 16,000 kw and a daily consumption of 306,500 kwh is hereby entered to meet both military and civilian requirements for Florence, Prato and Pistoia.

2. A detailed bid for power showing peak kw demands at hourly intervals starting at 0001 hours is as follows:

Time	KW
0001	9800
0100	9300
0200	9300
0300	9300
0400	9300
0500	10,400
0600	10,400
0700	13,850
0800	14,050
0900	14,050
1000	13,550
1100	13,550
1200	13,550
1300	13,050
1400	13,550
1500	12,550
1600	13,650
1700	15,250
1800	15,750
1900	15,900
2000	15,150
2100	15,150
2200	14,100
2300	11,950

Maximum peak load 16,000 kw.
Daily consumption 306,500 kwk.

FOR THE ARMY COMMANDER

5382

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

hereby entered to meet both military and civilian requirements for Florence, Prato and Pistoia.

2. A detailed bid for power showing peak kw demands at hourly intervals starting at 0001 hours is as follows:

Time	KW
0001	9800
0100	9300
0200	9300
0300	9300
0400	9300
0500	10,400
0600	10,400
0700	13,850
0800	14,050
0900	14,050
1000	13,550
1100	13,550
1200	13,550
1300	13,050
1400	13,550
1500	12,550
1600	13,650
1700	15,250
1800	15,750
1900	15,900
2000	15,150
2100	15,150
2200	14,100
2300	11,950

6
8
20
19
45

Maximum peak load 16,000 kw.
Daily consumption 306,500 kwk.

FOR THE ARMY COMMANDER

5382

WARREN A. THRASHER
Major, AGD,
Asst Adjutant General.

RESTRICTED

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

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

RECEIVED
P.W. & U. S/C A.C.
14 MAR 1945 201

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

12 March 1945

SUBJECT : Power Allotment - Southern Italy - April 945

TO : HQ.Allied Commission
P.W.U. Sub-Commission
(Att.Lt.Col.W.M.LAPPER)

Enclosed herewith is the recommended allotment of electric power for Southern Italy for the month of April 1945.-

For the Regional Engineer :

R. A. RYAN
Maj.Spec.Res.

RAR/ws

Enclo.

5387

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

APPENDIX "B"

RECOMMENDED ALLOTMENT OF ELECTRIC POWER - APRIL 1945

AREA SERVED	RESPONSIBILITY OF	PERMISSIBLE 15 minute peak kW $\times 10^3$	PERMISSIBLE Energy kWh $\times 10^6$
SOUTHERN ITALY			
APULIA CO.	3 District	40,0	20,5
APULIA CO.to UNES	3 "	4,0	2,5
NAPLES District	PBS	40,0	21,5
CAMPANIA CO :			
(i) Pomigliano	3 District	4,0	2,5
(ii) Salerno-Torre-Cast.	3 "	20,0	12,0
(iii) Benevento	3 "	3,0	1,7
(iv) Calore	3 "	1,5	1,1
(v) S.Maria	PBS	5,5	2,8
LUCANIA CO.	3 District	5,0	1,8
	TOTAL	123,0	66,4
CALABRIA 60 kV System			
(i) Calabria Co	AC	9,5	3,0
(ii) Crotone Plant	AC	9,0	5,8
	TOTAL	18,5	8,8
RAILWAY			
Naples Area 150 kV System	DGMRS	1,5	1,1
Foggia-Benevento 150 kV System	"	4,5	1,7
Salerno-Torre 150 kV System		2,0	1,1
TOTAL RAILWAY LOAD on 150 kV System		8,0	3,9
Calabria on 60 kV System		3,0	1,7
Total 150 kV at Substations		131,0	70,3
Total 60 kV at Substations		21,5	10,5
		152,5	80,8
TOTAL AT PLANTS		178,00	93,0

5387

MdQ/GDr

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201 SUB-AREA · BID FOR POWER ·

KW.

300
290
280
270
260
250
240
230
220
210
200
190
180
170
160
150
140
130
120
110

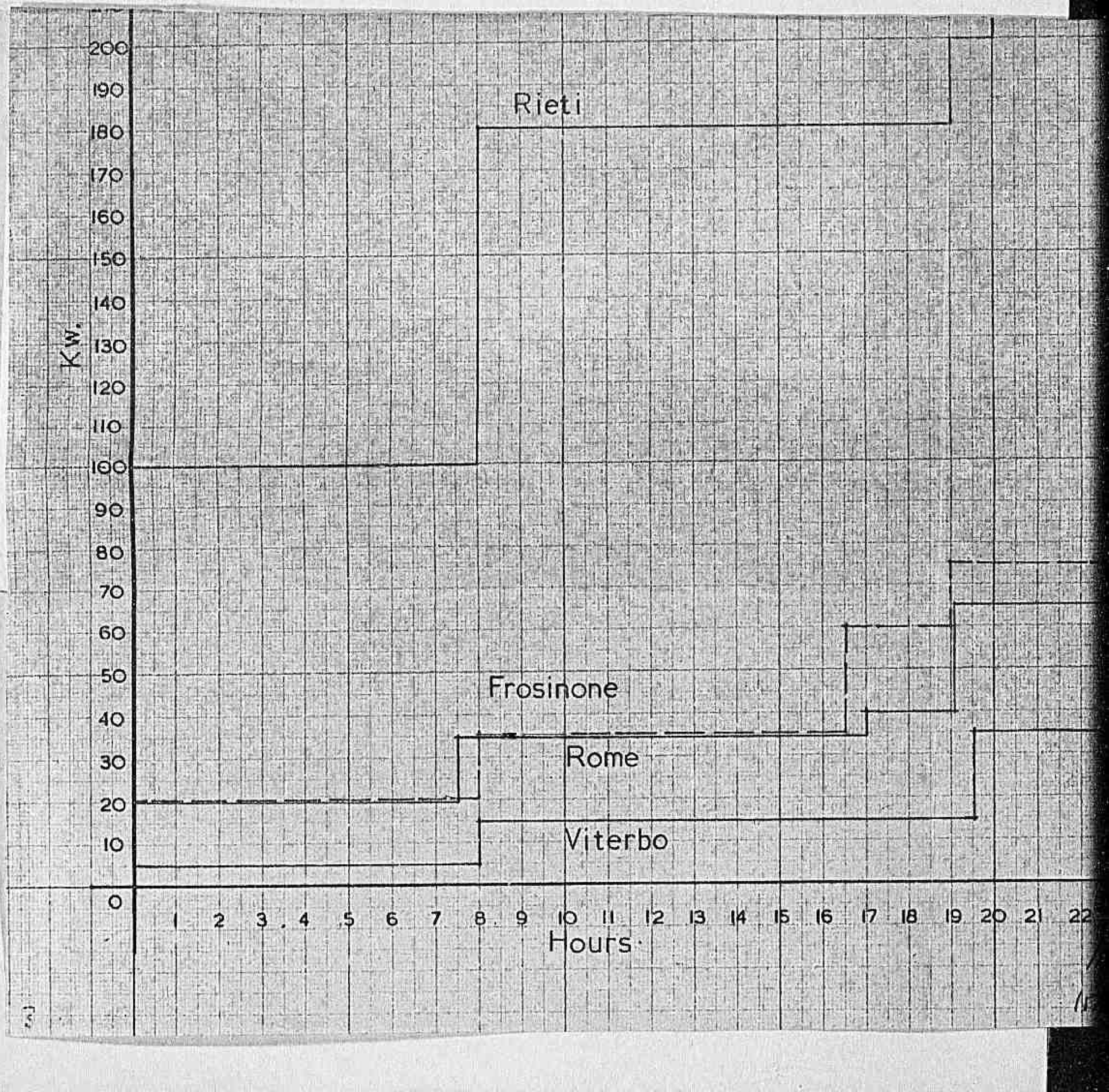
Rieti

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

SUB-AREA · BID FOR POWER · APRIL ·

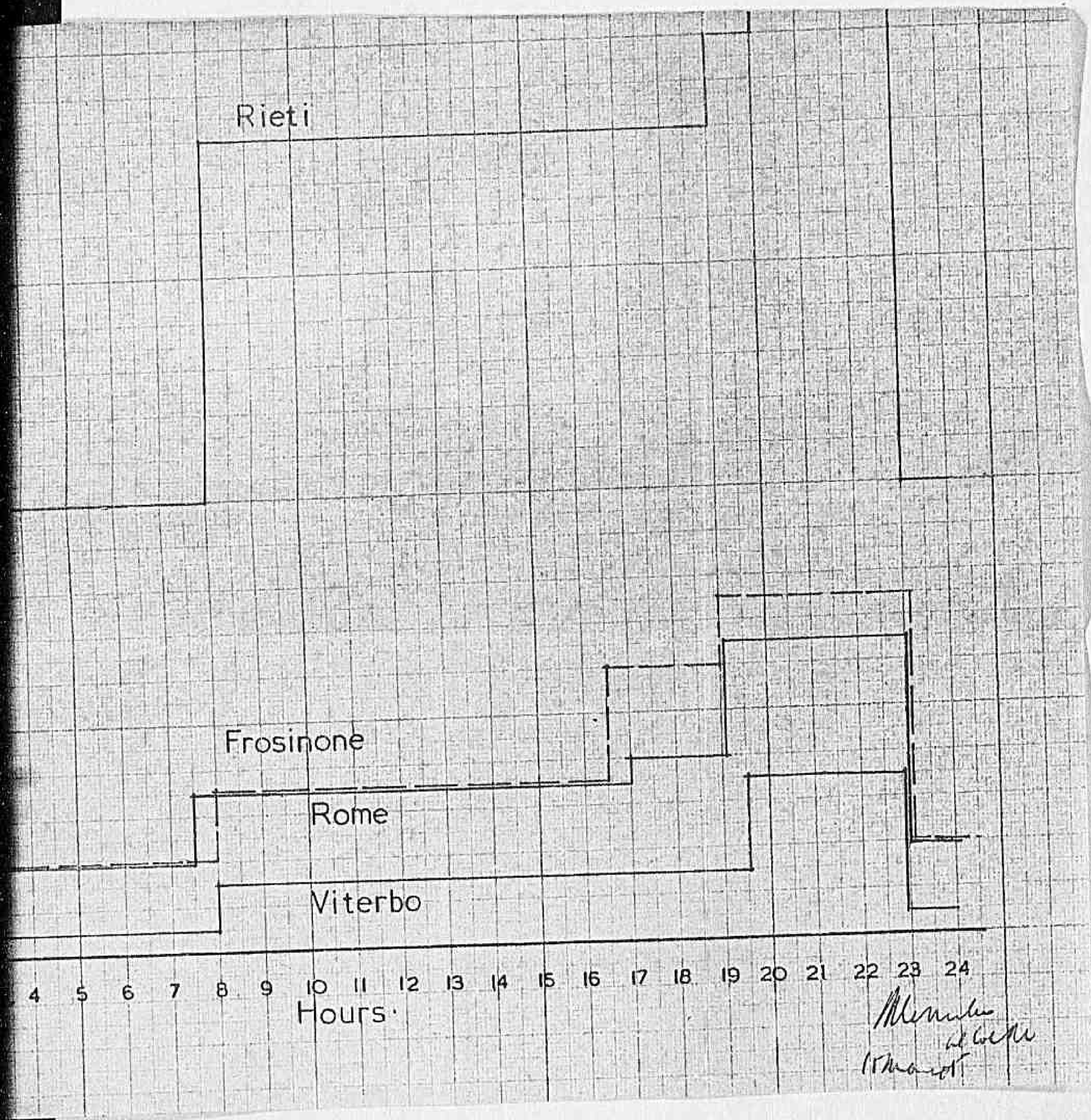
Rieti

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



0404

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



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

4

Subject:- Electricity Bid - 201 Sub Area.
(Embracing Rieti, Frosinone,
Viterbo and Rome Province)

104 CRE WORKS.
C.M.F.
Tel: 66023/4/5/
Ref: CRE/EM/253
15 March 1945.

CE, 3 District.

RECEIVED
P.W. & U. S/C A.C.
15 MAR 1945 194

Ref. your CE/6004/2/1 of 7 March.

1. Herewith; in graphical form, bid for the above provinces for April 45.

2. The bid is shown as an hourly peak, purely military organisations, and is that part of the provinces within 201 Sub Area.

3. The cement works at Calefero has not been included.

4. Delay in reply is regretted.

Alexander Lt Col

RTHF/DM

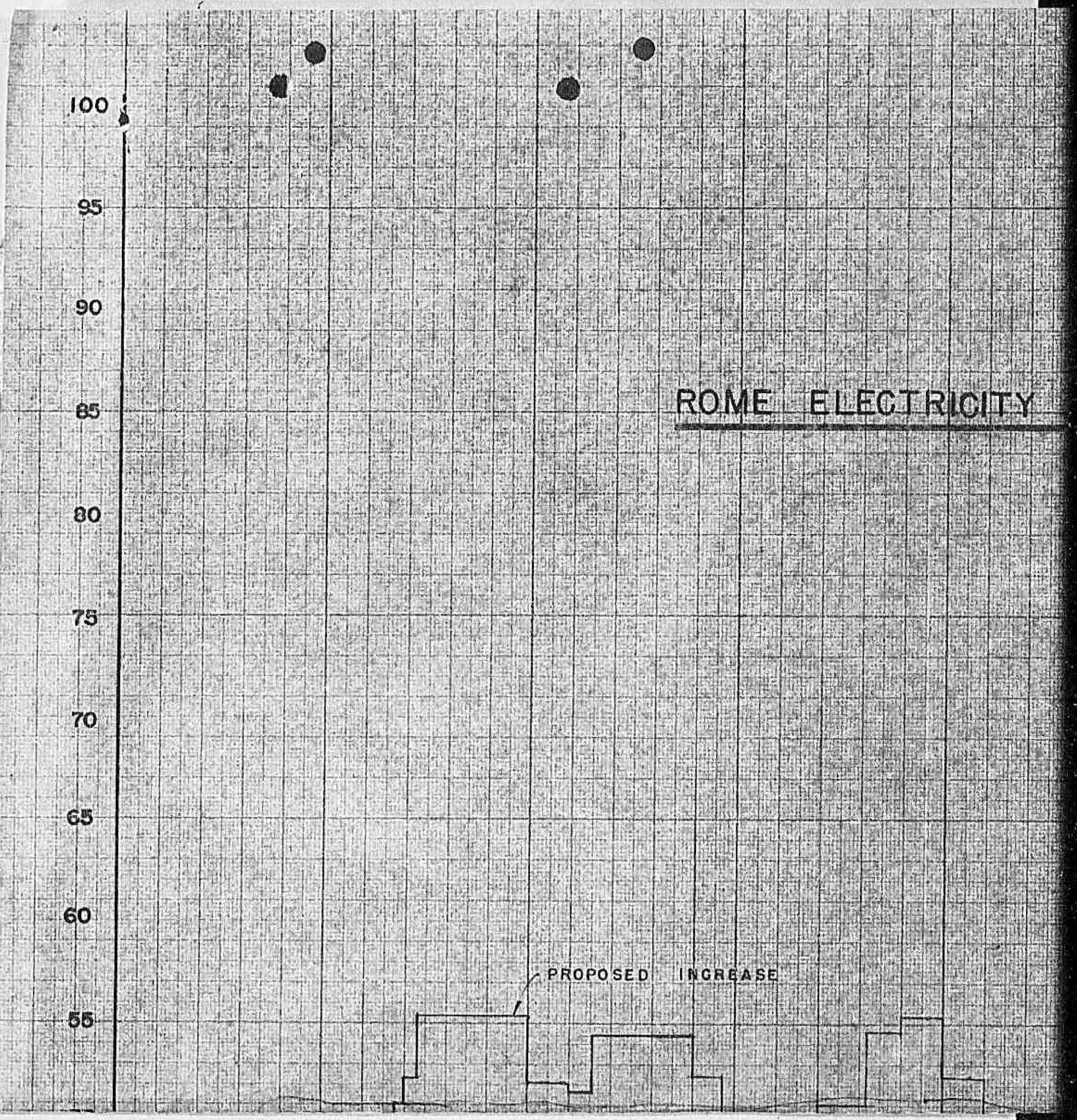
C.R.E. 104 WORKS.

Copy to:- AC, HQ (Electrical Division)

R T & C Rayner
Maj

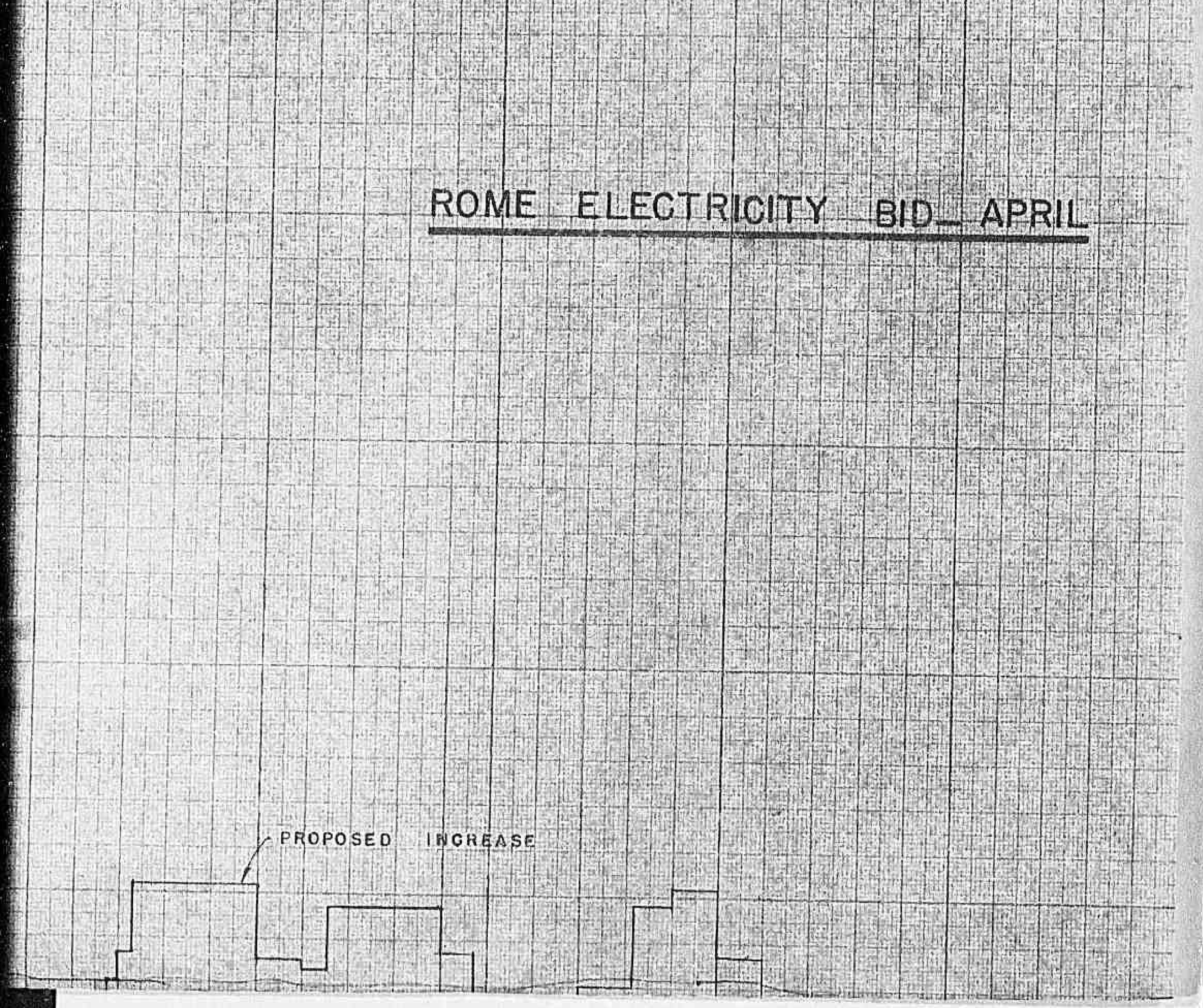
0406

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



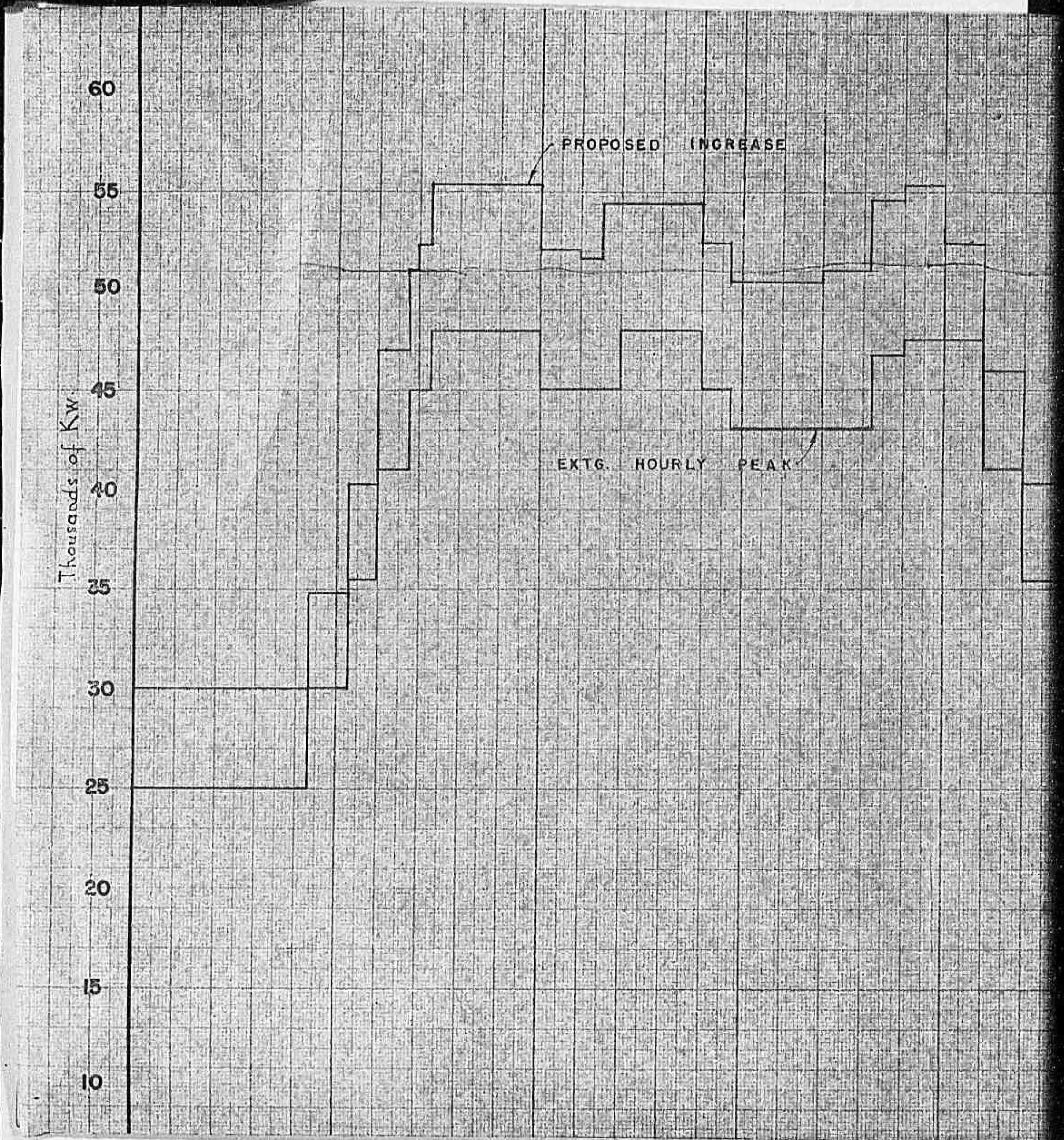
Declassified E.O. 12356 Section 3.3/NND No. 785019

ROME ELECTRICITY BID APRIL



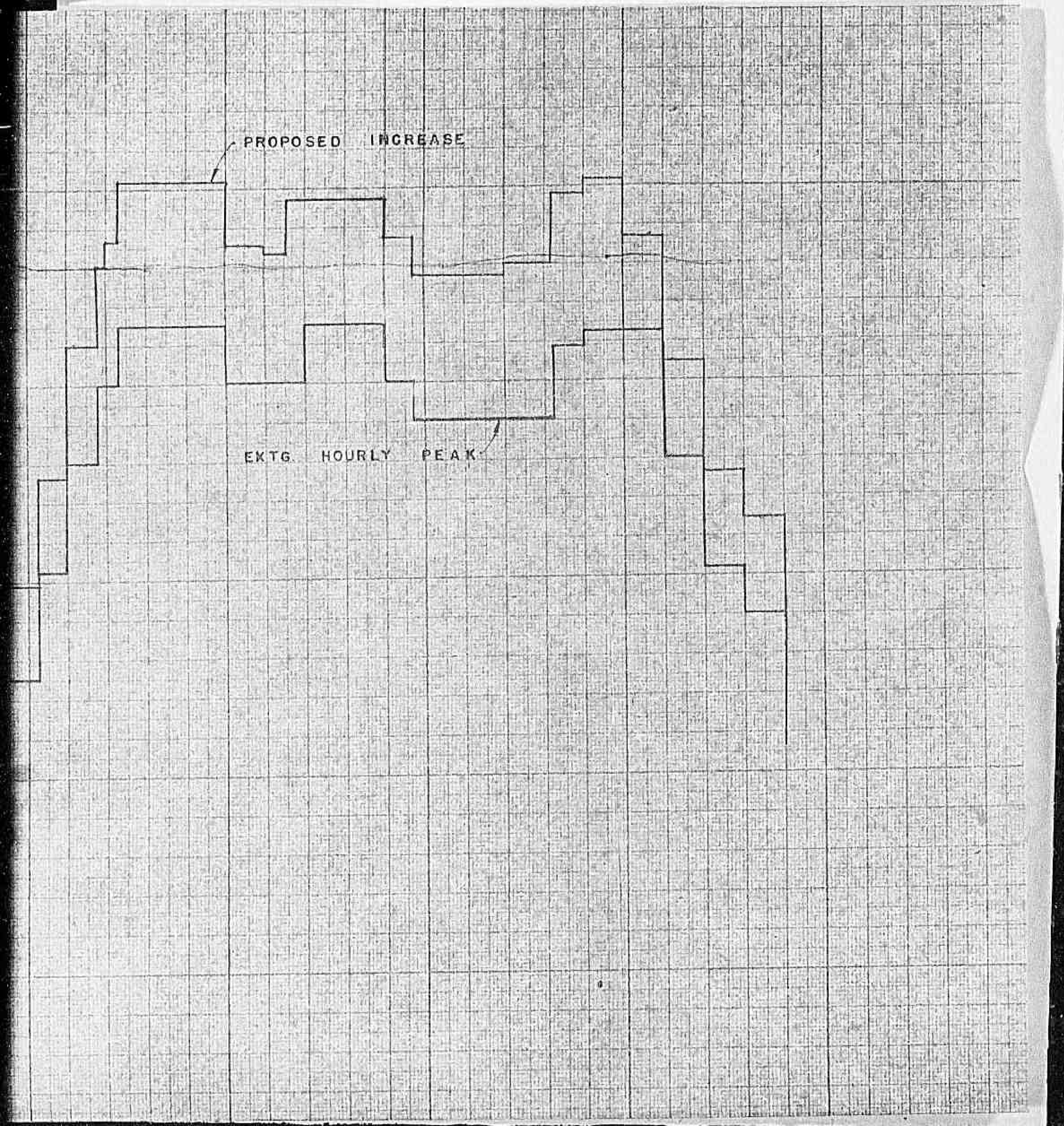
0408

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

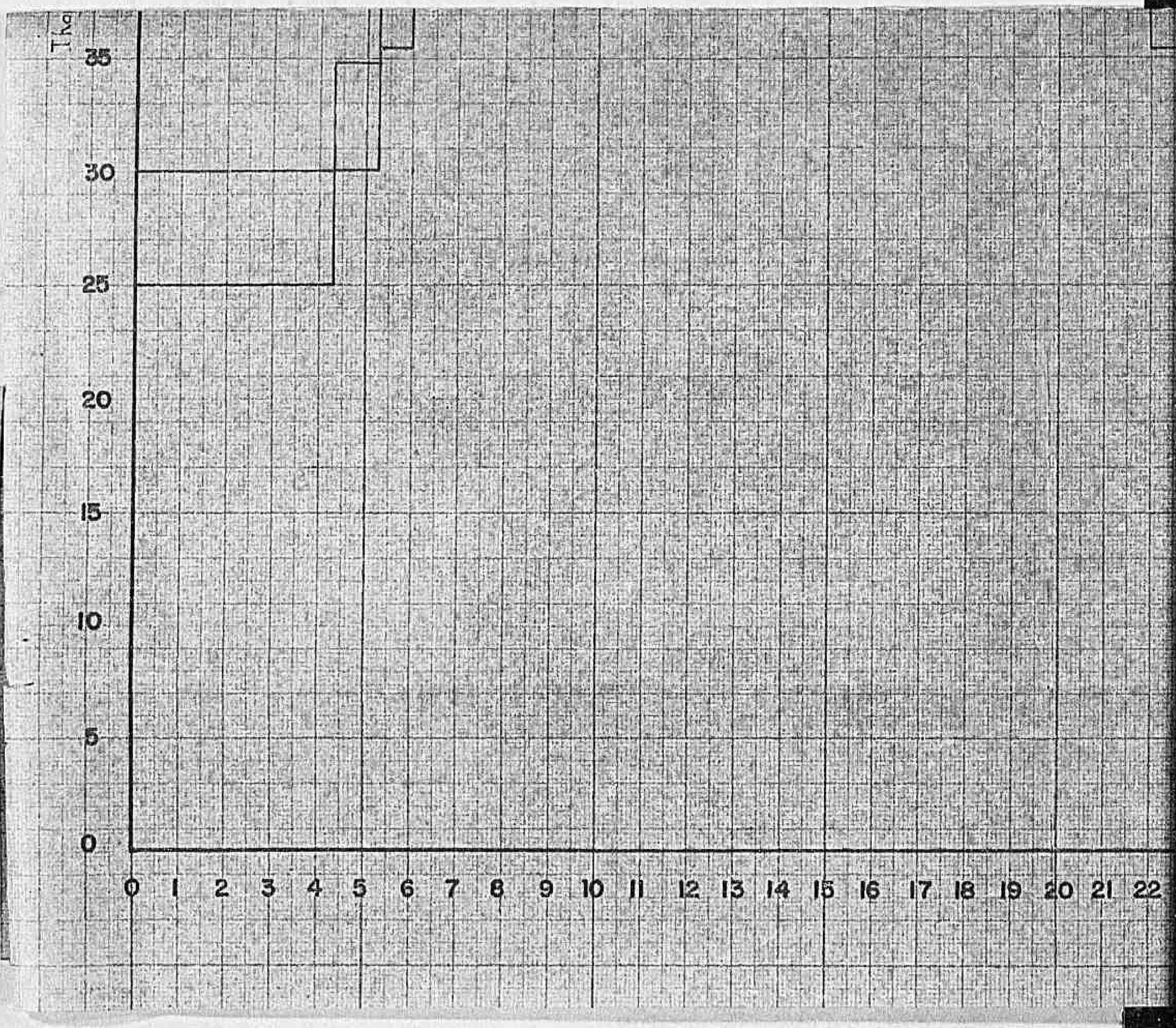


8409

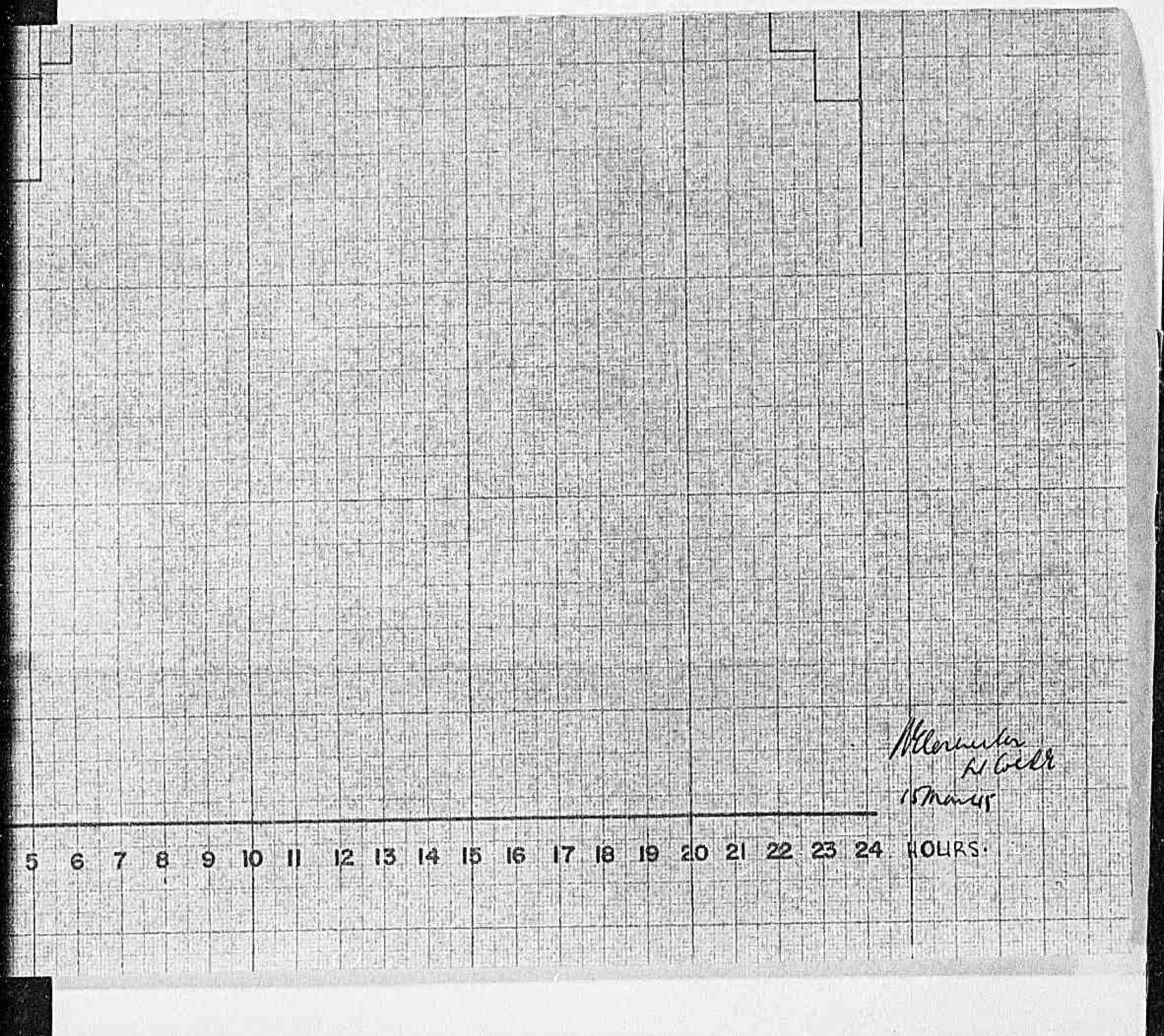
Declassified E.O. 12356 Section 3.3/NND No. 785019



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



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



Alexander Woollcott
15 March 45

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

3

Subject:- Electricity( )id - ROME Area
Allied Command - APRIL 1945.

104 CRE WORKS.
C.M.F.
Tel: 66023/4/5.
Ref: CRE/EM/253
15 March 1945.

AFIRS, AFHQ.

RECEIVED
P.W. & U. S/C A.C.
15 MAR 1945 194

Lt Col Rapper
Rap 8/16/3

Ref your LRS/215B/66 of 1st;March.

1. Herewith, in graphical form, present hourly peak and additional power requested for April 1945 for ROME Area Allied Command.

2. Delay in reply is regretted.

Lt Col RE

C.R.E. 104 WORKS.

RFHF/DM

Copies to:- AC. HQ. (Electrical Division)
G4 (BR) RAAC.

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

2

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

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

Postal Address:
A.F.L.R.S.,
Rome Area Allied Command,
C. M. F.

Telephone: ROME 66275

LRS/215B/83.

13 March 1945.

SUBJECT : Electricity Allocations.

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

Attached hereto is copy of a letter, reference CE 3034/1 dated 28 February 45, received by this Section from CE, No.1 District. It would appear to appertain to a telephone conversation between Major RENTON and Major RIVETT.

Lt Col Rayner
Dy 16/3

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

SJBL/dght

5377

COPY

Subject:- Electricity Allocations.

C.E. No.1 District
166 C.E. (Works)
CE 3034/1
28 Feb 45.

A.F.L.R.S.

Reference telephone conversation Maj.REFTON - Maj.RIVETT.

1. The sub-allocations for No.1 District have been re-arranged for the month of MARCH, and are now as under :-

TERNI	reduced from	12,300	by day	to	10,400 KW
		8,000	by night	to	6,500 KW
SPOLETTO	increased from	2,000	by day	to	2,400 KW
		1,500	by night	to	1,800 KW
PERUGIA, FOLIGNO and ASSISI	increased from	2,500	by day	to	3,300 KW
		1,900	by night	to	2,500 KW
AREZZO & District	increased from	800	by day	to	1,100 KW
		500	by night	to	700 KW
SIENA & District	increased from	500	by day	to	700 KW
		500	by night	to	700 KW
ORVIETO & District	increased from	900	by day	to	1100 KW
		600	by night	to	800 KW

2. This arrangement has been made possible by persuading the steelworks to postpone the starting-up of the 10-ton electric furnace until APRIL; this particular piece of plant has a peak load of 4,000 KW which reduces to 1,000 KW and I think will probably have a poor power factor, so it is very desirable to keep it off the line until another GALLETO unit will come into operation; it may, however, become essential that this plant must operate, in which case all the increases listed above are to be cancelled.

3. ANCONA gets another additional 200 KW to supply the CABERNADI sulphur mines.

4. The max. loadings of the outgoing TERNI lines should now be:-

	0600-2100	2200 - 0600
TERNI - PRECI - FOLIGNO line Feeds FOLIGNO and ANCONA Substations	6,500 KW	4,700 KW
SPOLETTO	2,400 KW	1,800 KW

FLORENCE lines which also supply:-
AREZZO & District

5375

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		8,000 by night	to	8,500 KW
SPOLETTO	increased from	2,000 by day	to	2,400 KW
		1,500 by night	to	1,800 KW
PERUGIA, FOLIGNO and ASSISI	increased from	2,500 by day	to	3,300 KW
		1,900 by night	to	2,500 KW
AREZZO & District	increased from	800 by day	to	1,100 KW
		500 by night	to	700 KW
SIENA & District	increased from	500 by day	to	700 KW
		500 by night	to	700 KW
ORVIETO & District	increased from	900 by day	to	1100 KW
		600 by night	to	800 KW

2. This arrangement has been made possible by persuading the steelworks to postpone the starting-up of the 10-ton electric furnace until APRIL; this particular piece of plant has a peak load of 4,000 KW which reduces to 1,000 KW and I think will probably have a poor power factor, so it is very desirable to keep it off the line until another GALLETO unit will come into operation; it may, however, become essential that this plant must operate, in which case all the increases listed above are to be cancelled.

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	0600-2100	2200 - 0600
TERNI - PRECI - FOLIGNO line Feeds FOLIGNO and ANCONA Substations	6,500 KW	4,700 KW
SPOLETTO	2,400 KW	1,800 KW
FLORENCE lines which also supply:-		
AREZZO & District		
SIENA & District	12,900 KW	10,200 KW
ORVIETO & District		
TERNI District	10,400 KW	6,500 KW

Transmission losses to be additional in all cases.

5. The military priorities in the TERNI Area which must NOT be switched off on any rationing scheme are:-

1. TERNI Steelworks.
2. BOSCO Steelworks.
3. Small-arms Factory.
4. Oxygen & Acetylene Plant.
5. No.2 Internee Camp.
6. Q Mech. Equipment HQ and Workshops.

(SIGNED)

Major, R.E.,
for Brig.
C.E.

5375

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

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

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

Postal Address:
A.F.L.R.S.,
Rome Area Allied Command,
C. M. F.

Telephone: ROME 66275

LRS/215B/79.

12 March 1945.

SUBJECT : Electric Power Demands - APRIL.

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

1. Enclosed herewith for your information are copies of bids submitted by HQ No.1 District for Electric Power for the month of APRIL 1945.

Lt Col Rapper
Dy 14/3

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

SJBL/dght

5375

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

ELECTRIC ALLOCATION - APRIL

	MARCH REQUEST				
	Allocation requested	Priority Loads March		Balance for Civilian Users	Additional ins ready for o
	A				B
TERNI & District	13,000 KW	Steel Works	8000 KW	1,800 KW	Ammonia
		Ammonia	1800 KW		S.A. Soc. Chemmica
		Ind. Gas	1000 KW		Lignite
		Carbon Factory	150 KW		Riduzione plant 60 pu
		Mil. Inst.	250 KW		Carbide
			11200 KW		
PERUGIA & FOLIGNO	4,500 KW	Rly. Wksps	500 KW	2,735 KW	Lignite mines
		D.W. Sawmill	300 KW		Paper Mills
		Brickworks	150 KW		Pottery Factor
		Lignite mines	130 KW		Quarry
		Mil. Inst.	450 KW		Shoe Manufactur
		Emery Prod.	40 KW		Brickworks
		Match Factory	30 KW		Textiles
		Pottery Works	65 KW		Refrigerators
		Quarry	100 KW		Magione Cement Works
			1765 KW		Printing
SPOLETO	2,400 KW	Cement Works	1520 KW	530 KW	Textiles
		Lignite mines	350 KW		Lignite mines
			1870 KW		Brickworks
ANCONA & Adriatic Coast to North	4,000 KW	Dockyard	400 KW	2,235 KW	Cement Works
	500 KW	Water Pumping	250 KW		Dockyard
		Mil. Inst.	1000 KW		Miliani Coy. Paper Factory
		Sulphur	200 KW		Perticana Sulph
		Brickworks	80 KW		Mil. Inst.
		Oil Pumping	100 KW		Tannin Factory
		Cold Stores	110 KW		6 Silk Factorie
		Rly. Wksp.	60 KW		
		Match Factory	65 KW		
			2265 KW		

11.200 1765 1870 2265 120 305 270 = 18795

1800 2735 530 2235 380 495 1210 = 9605

18795 + 9605 = 29,400

5374

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

ELECTRIC ALLOCATION - APRIL

Location requested A	MARCH REQUEST Priority Loads March		Balance for Civilian Users	Additional installations ready for operation B		25% increase on civil & rural allocation C	Total bids for APRIL A + B + C
00 KW	Steel Works	8000 KW	1,800 KW	Ammonia	2,200 KW	500 KW	16,410 KW +
	Ammonia	1800 KW		Soc.Chemmica	600 KW		10,000 KW
	Ind. Gas	1000 KW		Lignite	110 KW		
	Carbon Factory	150 KW			2,910 KW		
	Mil. Inst.	250 KW		Carbide	10,000 KW	(to be regarded as a special case)	
		11200 KW					
00 KW	Rly. Wksps	500 KW	2,735 KW	Lignite mines	325 KW	700 KW	6,295 KW
	D.W. Sawmill	300 KW		Paper Mills	120 KW		
	Brickworks	150 KW		Pottery Factory	140 KW		
	Lignite mines	130 KW		Quarry	80 KW		
	Mil. Inst.	450 KW		Shoe Manufacture	40 KW		
	Emery Prod.	40 KW		Brickworks	150 KW		
	Match Factory	30 KW		Textiles	70 KW		
	Pottery Works	65 KW		Refrigerators	30 KW		
	Quarry	100 KW		Magione Cement Works	100 KW		
		1765 KW		Printing	40 KW		
					1095 KW		
00 KW	Cement Works	1520 KW	530 KW	Textiles	600 KW	125 KW	3,520 KW
	Lignite mines	350 KW		Lignite mines	275 KW		
		1870 KW		Brickworks	120 KW		
					995 KW		
00 KW	Dockyard	400 KW	2,235 KW	Cement Works	410 KW	500 KW	7,425 KW
00 KW	Water Pumping	250 KW		Dockyard	200 KW		
	Mil. Inst.	1000 KW		Miliani Coy.Paper Factory	900 KW		
	Sulphur	200 KW		Perticana Sulphur	350 KW		
	Brickworks	80 KW		Mil. Inst.	500 KW		
	Oil Pumping	100 KW		Tannin Factory	35 KW		
	Cold Stores	110 KW		6 Silk Factories	30 KW		
	Rly. Wksp.	60 KW			2425 KW		
	Match Factory	65 KW					
		2265 KW					

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ELECTRIC ALLOCATION - APRIL (Cont'd)

	Allocation requested	MARCH REQUEST Priority Loads March		Balance for Civilian Users	Additional ready f
		A			
AREZZO & District incl. MONTEVARCHI SAN GIOVANNI INCISA	1,500 KW	D.W. Brickworks	120 KW	380 KW	Incisa Cem
		Other "	150 KW		Castel Nuo
		Nail Factory	100 KW		Lignite mi
		Lignite mines	200 KW		Greve Cem
		Mil. Inst.	550 KW		Brickworks
			1120 KW		Shoe Facto
					Steelworks
					Glass Fact
					Sugar Ref
SIENA & District	1,000 KW	Mil. Inst.	100 KW	695 KW	Abetina M
		D.W. Sawmills	100 KW		Monatero
		Soc.Crocchi	20 KW		Tannery
		Serum Factory	45 KW		
		Mil. Inst.	40 KW		
			305 KW		
ORVIETO & District incl. CHIUSI & NARNI	1,500 KW	Mil. Inst.	150 KW	1230 KW	Mercury M
		Rly. Quarry	120 KW		(Carpine
			270 KW		
TOTAL	28,400 KW				
	21,000	Factory			
Adriatic & South of PESCARA	Local Prod. approx 2,500 KW	Ascoli Carbon	150 KW	2100 KW	RECANATI
		Mil. Inst.	200 KW	390	Ceccheti
		Brickworks	40 KW	970	Carbide
			390 KW	3360	
				1000	
				2360	

cold Brick Nov 25

Total bid : 41,410 KW per hour peak during day to be reduced by night by any percenta
KW. Hour requirement - 24 Million KW. Hours.
In addition 10,000 KW per hour (6 Million KW.Hours is required by the TER
Railway bid not included.

A. - is the amount bid for in MARCH and can be regarded as the

B. - is the amount required to put into operation all large fac
ready for operation but which are held up at present for l

C. - is a percentage increase to allow more energy to be availa

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

ELECTRIC[illegible]LOCATION - APRIL (Cont'd)

MARCH REQUEST Priority Loads March		Balance for Civilian Users	Additional installations ready for operation		25% increas[illegible] on civil & rural allocation	Total bid for APRIL A + B + C
			B		C	
D.W. Brickworks	120 KW	380 KW	Incisa Cement Works	170 KW	200 KW (50%)	3,400 KW
Other "	150 KW		Castel Nuova	350 KW (Addtn)		
Nail Factory	100 KW		Lignite mines	350 KW		
Lignite mines	200 KW		Greve Cement Works	50 KW		
Mil. Inst.	550 KW		Brickworks	100 KW		
	1120 KW		Shoe Factory	30 KW		
			Steelworks	300 KW		
			Glass Factory	50 KW		
			Sugar Refinery	300 KW		
				1700 KW		
Mil. Inst.	100 KW	695 KW	Abetina Mercury Mine	100 KW	150 KW	1,310 KW
D.W. Sawmills	100 KW		Monatero Lignite Mine	30 KW		
Soc.Crocchi	20 KW		Tannery	30 KW		
Serum Factory	45 KW			160 KW		
Mil. Inst.	40 KW					
	305 KW					
Mil. Inst.	150 KW	1230 KW	Mercury Mines (Carpine Sulforato)	250 KW	300 KW	2,050 KW
Rly. Quarry	120 KW					
	270 KW					
				9,535 KW	2475 KW	40,410 KW from grid
Factory						
Ascoli Carbon	150 KW	2100 KW	RECANATI Chem. Wks.	70 KW	-	1,000 KW from grid
Mil. Inst.	200 KW	390	Cecchetti Rly. Wksp.	300 KW		
Brickworks	40 KW	970	Carbide	600 KW		
	390 KW	3360		970 KW		
		1000				41,410 KW from grid
		2360				

peak during day to be reduced by night by any percentage fixed by the Board up to 40%.
nt - 24 Million KW. Hours.
KW per hour (6 Million KW.Hours is required by the TERNI Carbide Works). 33,500
cluded.

the amount bid for in MARCH and can be regarded as the basic minimum.

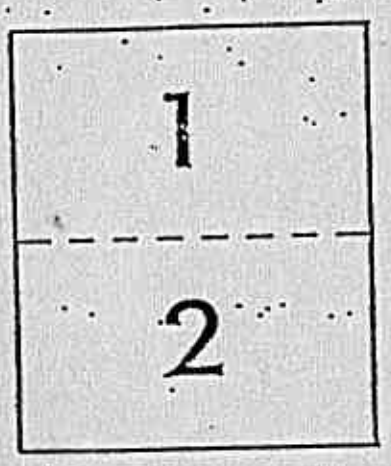
the amount required to put into operation all large factories and mines which are
dy for operation but which are held up at present for lack of power supply.

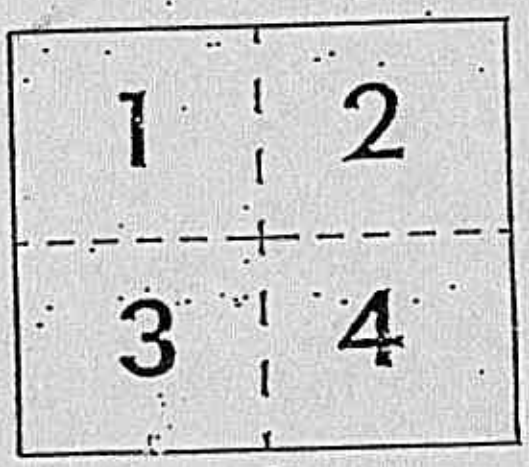
a percentage increase to allow more energy to be available for small consumers.

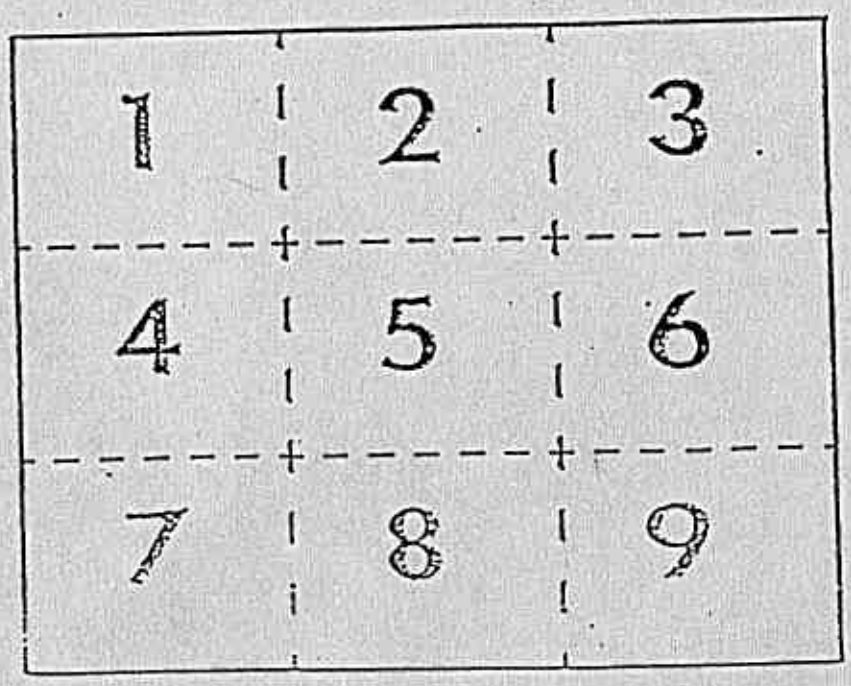
Declassified E.O. 12356 Section 3.3/NND No. 785019

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

G.R.

ANTICIPATED PEAK DEMAND ON APRIL 16TH 1945

SHADED AREA IS THE FILL UP PERIOD DURING WHICH THE CARBIDE WO

K.W. REQUIRED EXCLUSIVE OF TRANSMISSION LOSSES

40,000

30,000

20,000

10,000

TOTAL DEMAND.

5372

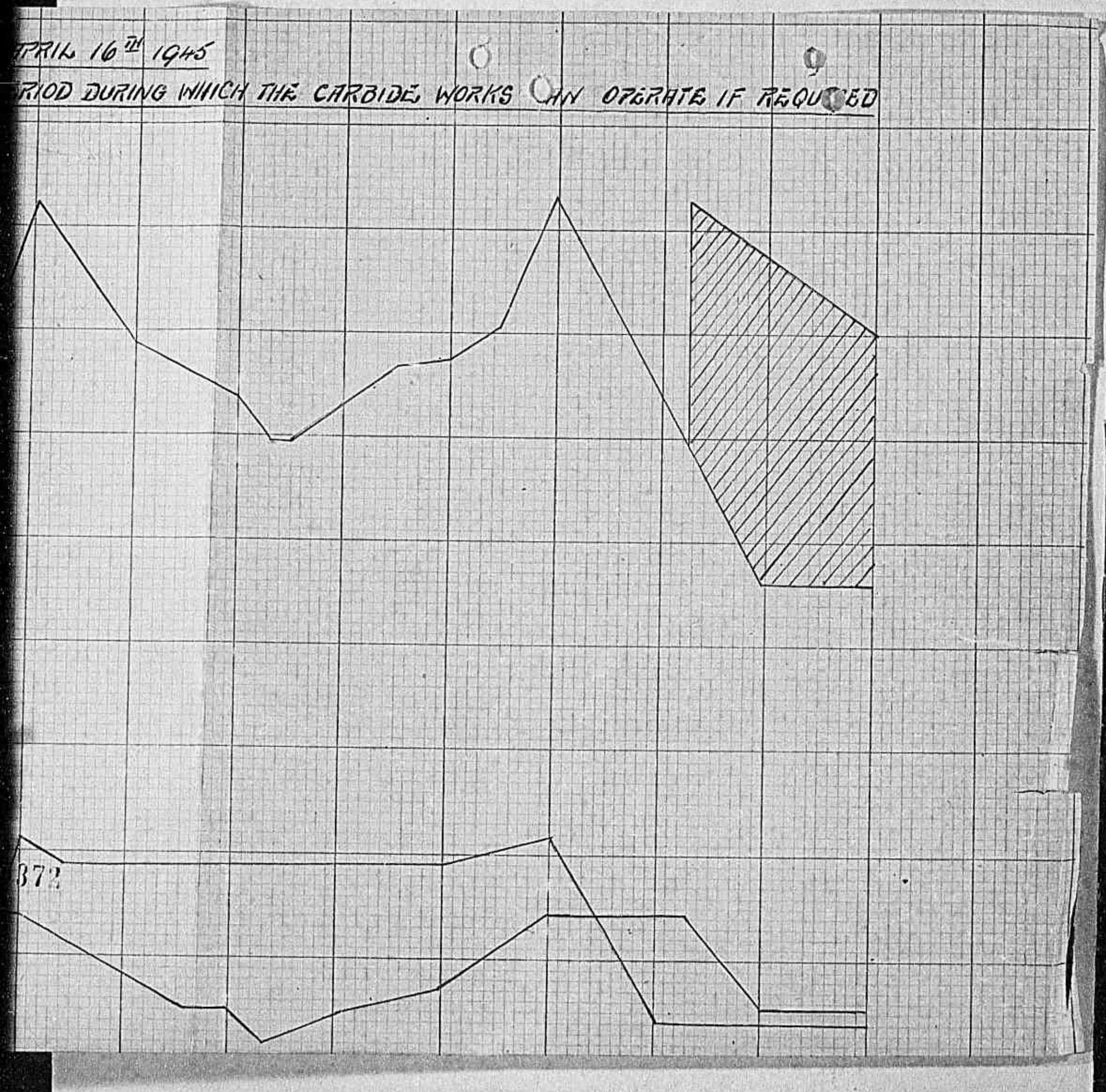
Foligno, Ancona & Adriatic coast feeder

Terni feeder

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

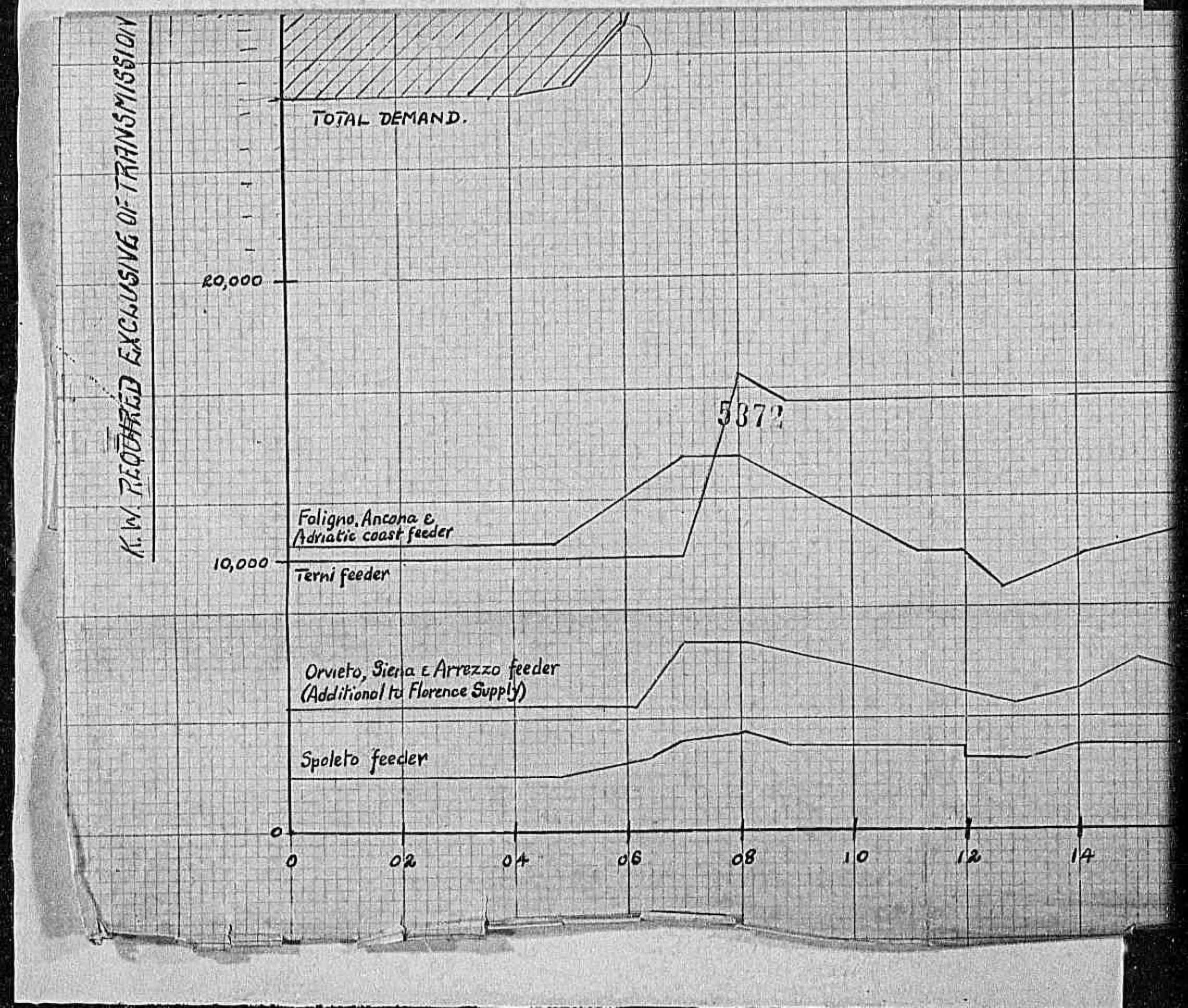
APRIL 16TH 1945

RIOD DURING WHICH THE CARBIDE WORKS CAN OPERATE IF REQUCED



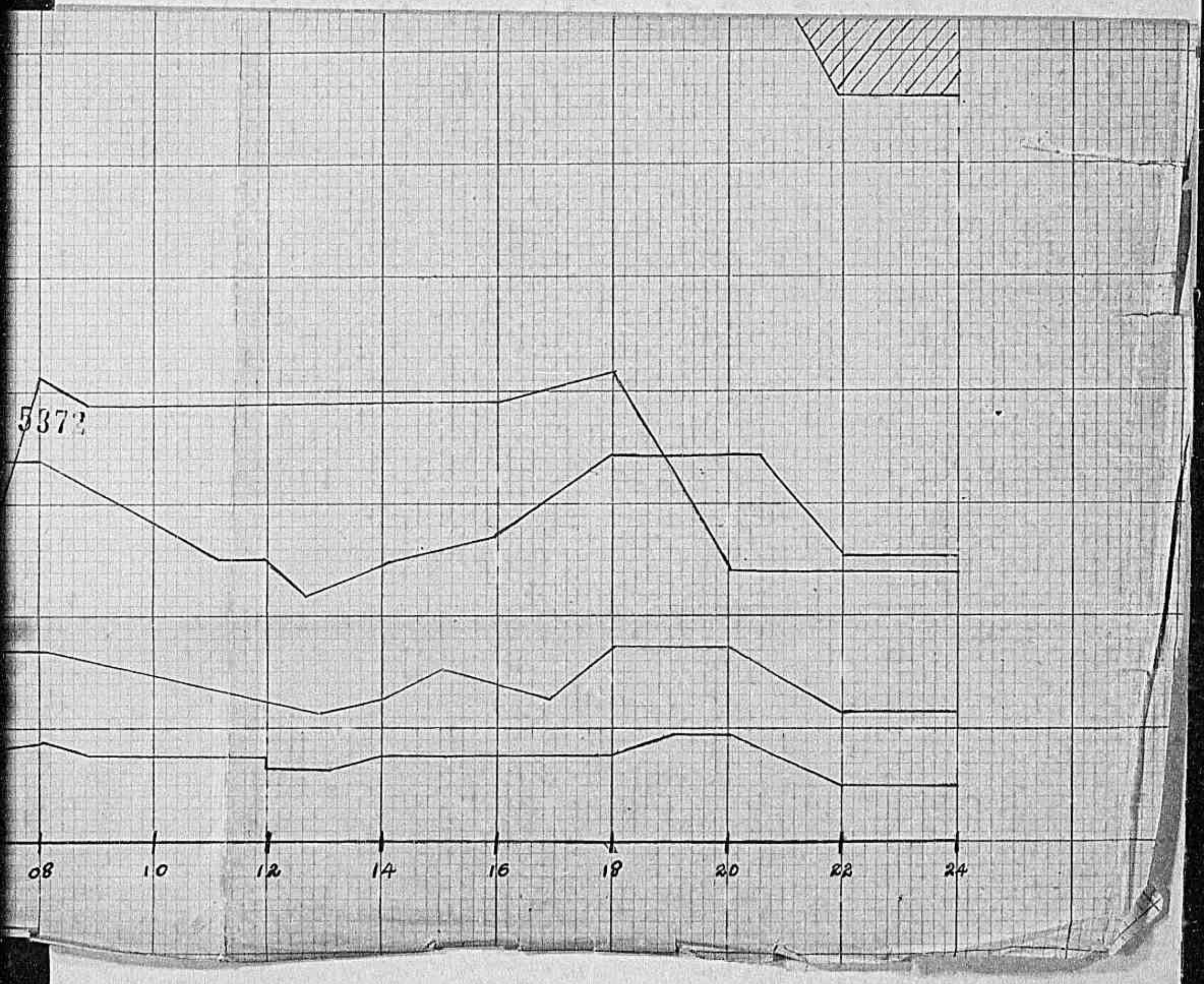
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SA/31

RACCOGLITORE "ITALIA„

Fascicolo..... N.....

Città..... Provincia.....

Via.....

Data.....

OLDANI LUIGI

TALEANELLI ENRICO

GAMBETTI-AMAN

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

OLDANI LUIGI

TALEANELLI ENRICO

GAMBETTI-AMAN

Anno

Data

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