

Public Works (1893) Department.

RAILWAY BRANCH.

G.O., No. 13/2 - R

DATED 27th October.

[Despatch Abstract.]

*Determination of Coal equivalents on the
Madras and South Indian Railways. — The
Government of India addressed on the
subject of the —*

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
	2579	C	11-7-93				

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
	555	C	8-2-94				

All communications
should be addressed to
the Secretary.

No. 239 R. Stat.
GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT
RAILWAY Statistics.

To
The Joint Secretary to the Government of
Madras, Public Works Department,
Railway Branch.

Simla, the 28th June 1893.

Copies to A & AM
for from of necessary
action & reports. Some we
are more for general
copies of the work
Sir,

With reference to statement No. 32
in Part I of the Administration Report
for 1892-93 by the Director General of Railways,
copies of which will be forwarded shortly,
I am directed to invite attention to the
high consumption of coal on the South
Indian and Madras railways during
the year 1892 viz. 287.74 and 174.03 lbs
(in terms of Purhurbaree coal) per 1000
gross

gross ton-miles respectively and to suggest that the lines concerned should be asked to reconsider their coal equivalents. A copy of an office note on this subject is enclosed for information.

2. It is observed from the Analyses of working that whereas on the Southern Malwatta railway 2.70 tons of wood is taken as the equivalent of 1 ton of Kurhumbaree coal; on the South Indian and Madras railways 1 ton of Kurhumbaree coal is taken as equal to 1.26 and 2.38 tons of wood respectively.

I have the honour to be,

Sir,

Your most obedient servant,

J. D. H. M.

Under Secretary.

Document accompanying.

Copy of an Office note dated the 6th August 1892 on coal equivalents.

No. 2579C

Government of Madras.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

To
THE Secy to the Govt of
India
P.W. Deptt

11th July 1893.

Sir,

I am directed to request the favor of being supplied with two spare copies of the office note of the 6th August 1892 on coal equivalents, which ^{formed an} accompaniment to Govt of India P.W.D. letter no: 239 R & C, of the 28th June 1893.

Imu
O.R.

DESPATCHED

12 JUL 93

12/7

No. 273 R. Stat.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY. Statistics.

All communications
should be addressed to
the Secretary.

To

The Joint Secretary to the Government of Madras,

Public Works Department, Railway Branch.

Simla, the 19th July 1893.

Sir,

With reference to your No. 2379 c., dated the 11th July 1893, I am directed to forward herewith the two spare copies asked for of the Office Note, dated the 6th August 1892, on Coal equivalents.

I have the honour to be,

Sir,

Your most obedient servant.

H. Shul

Assistant Secretary.

Document accompanying.

Two copies of the Note
referred to.

No. 273 R. Stat.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY. Statistics.

All communications
should be addressed to
the Secretary.

To

The Joint Secretary to the Government of Madras,

Public Works Department, Railway Branch.

Simla, the 19th July 1893.

Sir,

With reference to your No. 2379 c., dated the 11th July 1893, I am directed to forward herewith the two spare copies asked for of the Office Note, dated the 6th August 1892, on Coal equivalents.

I have the honour to be,

Sir,

Your most obedient servant.

H. J. Hunt

Assistant Secretary.

Document accompanying.

Two copies of the Note
referred to.

P. W. CURRENT No. 6565

Form No. 1C.

1312 R d 27/10/93

MADRAS, 189

To

Lt. Govt of India

No.

Reply No.

, dated

Endo 1 (i.s.c.)
Recd: 26.7.93

Reminders.

SIR,
With ref to your letter No
239 R.Hat. I am directed
dated 28th to inform you that
neither the Madras
nor S.I. Rps have
yet made experiments
with a new & recommending
their Coal equivalent
but ^{they} have been asked
to do so - In the
meantime I beg to
enquire whether whether
the Equivalent for Wood
Fuel 0.28. as stated in
para 9 of the Office Note
forwarded with your letter
under reply is correct or
a misprint.

MS 26
10

Subject. *FR will sign
fair copy.*

Signed by R.

All communications
should be addressed to
the Secretary.

No 498 R. Stat.
GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
RAILWAY Statistics.

To
The ^{Joint} Secretary to the Government of Madras,
Public Works Department, Railway Branch.

Simla, the 9th December 1893.

Sir,

In reply to your letter No. 1312 R. dated the 27th
October 1893, I am directed to state that the figures 0.28
in page 9 of the Note on coal equivalents, forwarded with
my letter No. 239 R. Stat. dated 28th June 1893, is a misprint
for 2.88 and to request that the necessary correction may
be made.

I have the honour to be,

Sir,

Your most obedient servant,

H. A. Dutt
Assistant Secretary.

Documents accompanying.

Nil.

J. C. 31.7

Dec: 18.12.53

Per 1000 gross ton miles

South Indian 287.74 lbs
Madras 174.03 "
in terms of Kurlbarran
Coal.

tons wood

1 ton N. Coal = 2.7 ton S.M.
= 1.26 " S.I.
= 2.38 " M.

foot. equivalents	Do
avg. 92	June 91
Patent fuel .70	.8
Australian C. .75	
Electricity .80	.9
Palemow .80	
Singapore .95	
Senegal 1.0	1.
Sumaria 1.1	
Uthmaniyah 1.6	
Warora 1.8	

Madras Q
Singapore 1.02

As may be noted
he takes the
fuel equivalent
of wood.

Madras explains that
the introduction of a rocking
fire bar and better quality
coal has effected a reduc-
tion in consumption of
Singapore & adheres to his
figure equivalent of 1.02
As to wood he proposes
to alter the equivalent from
2.38 to 2.6 in future - in
view of the experiments
on the M. Ry. noted in
para 11 of report.

South India explains that
the Kurlbarran Coal is
not of the same quality
as that supplied to Northern
lines but gives no reason
for this opinion - Also that
it is because this wood
fuel is so much better than
that in the S.M. or M. Ry.

W. Scottell, Dec.
CWS 2/2

Free
2/2

Railway Department.

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,

Madras, *February* 1894.

From *R* To
Secretary to the Govt of Madras
Simla.
No. 555 C/48 Febry. 1894

No. Reply No. , dated

Reminders.

SIR,

With ref to your letter no
239 R-S dated 28th June 93, I am
pleased to state that the
Madras Rly explains that
the introduction
..... on M-Rly.

CR will sign fair copy.

CM 3/2

DESPATCHED
 -8 FEB. 94