

ANDHRA PRADESH STATE ROAD TRANSPORT CORPORATION

No IE-2/367(21)/2007-IED



O/o the VC & MD,
MSRD, Hyd-500624.

CIRCULAR No. 07/2008-IED, Dated; 24-04-2008.

Sub: DIS – Introducing an incentive scheme on fuel performance of buses run by CNG as fuel-
Certain Modifications to the Circular No.08/2004-IED – Reg.

Ref: 1) Circular No. 08/2004-IED, Dated; 10-05-2004.
2) Circular No. 07/2005-IED, Dated; 26-11-2005.

1.0 **INTRODUCTION:**

Recently Corporation has introduced CNG as fuel in some of the buses. As this is a new product and to monitor its cost effectiveness & performance, the CNG vehicles were first introduced in a single depot in Vijayawada city i.e. VIDHYADHARA PURAM depot, to cater the needs of city passengers.

In this depot, buses are being run by both fuels HSD & CNG. As the population of CNG buses are increasing and on the request of the field officers, an incentive scheme is devised on Kilometers operated per Kg. of CNG gas consumed (KMPKg) by the buses.

2. **INCENTIVE ON CNG KMPKg FOR CNG BUSES:**

To encourage the drivers to drive the CNG buses so as to obtain good KMPKg, a study was taken place. Based on the study and to motivate the drivers and maintenance staff, an incentive scheme is formulated. The incentive on CNG KMPKg shall now be calculated differently on CNG used buses both for drivers & garage staff besides allowing eligible incentive on HSD KMPL applicable for HSD buses if maintained/operated. The slabs, rate of incentive and sharing applicable for CNG buses are furnished here under.

CNG Fueled Slabs for both Drivers & Maintenance Staff		
Incentive Rate per Kg of CNG (In Rs.)		1.51
Calculating Base in KMPKg		3.85
S.No.	Slabs in KMPKg	Sharing
1	= 4.19	73.30%
2	> 4.19 & up to 4.27	78.50%
3	> 4.27 & up to 4.35	84.00%
4	> 4.35	89.00%

To understand the scheme easily, the following illustration is prepared for drivers performing duty on the Buses using both type of fuels i.e. HSD & CNG: -

ILLUSTRATION:

For Drivers:	
No of KMs. Operated with HSD as fuel in a month (Say):	1200 KMs
HSD Oil consumed (Say):	230 Ltrs.
HSD KMPL:	5.22
HSD oil saved (1200KMs/4.60 – 230 Litres):	30.87 Ltrs
Incentive amount on HSD KMPL (30.87 Litres X Rs. 2.50 X 0.85):	Rs. 65.60 —A
No of KMs. Operated with CNG as fuel in a month (Say):	2000 KMs
CNG consumed (Say):	442 Kgs.
KMPKg (CNG):	4.52
CNG Gas Saved on the operation (2000/3.85 – 442 Kgs):	77.48 Kgs
Incentive amount on KMPKg (77.48 Kgs X 1.51 X 0.89):	Rs. 104.13—B
Total incentive on fuel performance for that month to that driver (A+B):	Rs.169.73

For Maintenance Staff:	
No of KMs. Operated with HSD as fuel in a month (Say):	448980 KMs
HSD Oil consumed (Say):	85520 Ltrs.
HSD KMPL:	5.25
HSD oil saved (448980 KMs/4.60 – 85520 Litres):	12084.35 Ltrs
Incentive amount on HSD KMPL (12084.35 Litres X Rs. 2.50 X 0.85):	Rs. 25679.24—A
No of KMs. Operated with CNG as fuel in a month (Say):	597285 KMs
CNG consumed (Say):	132730 Kgs.
KMPKg (CNG):	4.50
CNG Gas Saved on the operation (597285 KMs/3.85 – 132730 Kgs):	22408.96 Kgs
Incentive amount on KMPKg (22408.96 Kgs X 1.51 X 0.89):	Rs. 30115.40—B
Total incentive on fuel performance for Maintenance Staff (A+B):	Rs. 55794.64

The total incentive amount both on HSD and CNG put together shall not exceed Rs. 400/- per month per head of maintenance staff.

Rest of the terms & conditions communicated vide circulars cited at ref; remain unchanged

This has the approval of VC & MD and has concurrence of FA.

R.V. Jayan A
Chief Engineer (IT) 24/4/08

Copy to: Secy. to Chairman for kind information pleases
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