

## ANNEXURE II:

### Form 1 (sector specific Performa)

Form 1 [See rule 3]				
Details of information regarding Total Energy Consumed and Specific Energy Consumption Per unit of Production				
Section-A (General Information Details)				
Sr No.	General Details	Description		
1	Name of the Unit			
2	(i) Year of Establishment			
	(ii) Registration No (As provided by BEE)			
3	Sector and Sub-Sector in which the Designated Consumer falls	Sector	Sub-Sector	
4. (i)	Complete address of DCs Unit location (including Chief Executive's name & designation) with mobile, telephone, fax nos. & e-mail.			
(ii)	Registered Office address with telephone, fax nos. & e-mail			
(iii)	Energy Manager's Name, designation, Registration No., Address, Mobile, Telephone, Fax nos. & e-mail			
Section - B (Production and Energy Consumption Details)				
5.1	Aluminium, Cement, Chlor-Alkali, Iron & Steel, Fertilizer, Pulp & Paper, Textile, and Petro-Chemical sectors notified as Designated Consumers			
(a)	Production details			
	Name of Products	Unit	Previous Year	Current Year
		(1)	(2)	(3)
(i)	Product 1	Tonne		
(ii)	Product 2	Tonne		
(iii)	Product 3	Tonne		
(iv)	Product (Please add extra rows in case of additional products)	Tonne		
(v)	Total Equivalent Product	Tonne		
(b)	Energy Consumption Details			
(i)	Total Electricity Purchased from Grid/Other Source	Million kWh		
(ii)	Total Electricity Generated	Million kWh		
(iii)	Total Electricity Exported	Million kWh		
(iv)	Total Electrical Energy Consumption	Million kWh		

(v)	Total Solid Fuel Consumption	Million kcal		
(vi)	Total Liquid Fuel Consumption	Million kcal		
(vii)	Total Gaseous Fuel Consumption	Million kcal		
(viii)	Total Thermal Energy Consumption	Million kcal		
(ix)	Total Energy Consumption (Thermal + Electrical)	TOE		
(x)	Total Normalized Energy Consumption (Thermal + Electrical)	TOE		
<b>(c)</b>	<b>Specific Energy Consumption Details</b>			
(i)	Specific Energy Consumption (Without Normalization)	TOE/Tonne		
(ii)	Specific Energy Consumption (Normalized)	TOE/Tonne		
<b>5.2</b>	<b>Thermal Power Stations (Coal/Oil/Gas/others) notified as Designated Consumer</b>			
(i)	Total Capacity	MW		
(ii)	Unit Configuration	No. of units with their capacity		
(iii)	Annual Gross Generation	Million kWh		
(iv)	Annual Plant Load Factor (PLF)	%		
(v)	Station Gross Design Heat Rate	kcal/kWh		
(vi)	Station Gross Operative Heat Rate	kcal/kWh		
(vii)	Auxiliary Power Consumption	%		
(viii)	Operative Net Heat Rate	kcal/kWh		
(ix)	Operative Net Heat Rate (Normalized)	kcal/kWh		
<b>5.3</b>	<b>Petroleum Refinery notified as Designated Consumer</b>			
<b>(a)</b>	<b>Crude Oil Processed Details</b>			
(i)	Throughput (Total Crude Oil Processed)	Thousand Barrels		
(ii)	NRGF (Without Normalization)			
(iii)	NRGF(Normalized)			
<b>(b)</b>	<b>Energy Consumption Details</b>			
(i)	Total Electricity Purchased from Grid/Other Source	Million kWh		
(ii)	Total Electricity Generated	Million kWh		
(iii)	Total Electricity Exported	Million kWh		
(iv)	Total Electricity Consumed in the Plant	Million kWh		
(v)	Total Electrical Energy Consumption	SRFT		
(vi)	Total Solid Fuel Consumption	SRFT		
(vii)	Total Liquid Fuel Consumption	SRFT		

(viii)	Total Gaseous Fuel Consumption	SRFT		
(ix)	Total Thermal Energy Consumption	SRFT		
(x)	Total Steam Exported/Consumed for Non-refinery operations	SRFT		
(xi)	Total Energy Consumption (Thermal + Electrical)	MMBTU		
(xii)	Total Normalized Energy Consumption (Thermal + Electrical)	MMBTU		
<b>(c)</b>	<b>Specific Energy Consumption Details</b>			
(i)	Specific Energy Consumption (Without Normalization)	MMBTU/Mbbbls/ NRGF (MBN)		
(ii)	Specific Energy Consumption (Normalized)	MMBTU/Mbbbls/ NRGF (MBN)		
<b>5.4</b>	<b>Electricity Distribution Companies notified as Designated Consumer</b>			
<b>(a)</b>	<b>Energy Input Details</b>			
(i)	Input energy purchase	Million kWh		
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kWh		
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kWh		
<b>(b)</b>	<b>Transmission and Distribution (T&amp;D) loss Details</b>			
		Million kWh %		
<b>5.5</b>	<b>Railways units notified as Designated Consumer</b>			
<b>5.5.1</b>	<b>Zonal Units Notified as Designated Consumers</b>			
<b>(a)</b>	<b>Gross Tonne Kilometrage</b>			
(i)	Gross Tonne Kilometrage (For Diesel-Passenger)	GTKm		
(ii)	Gross Tonne Kilometrage (For Diesel-Goods)	GTKm		
(iii)	Gross Tonne Kilometrage (For Electrical-Passenger)	GTKm		
(iv)	Gross Tonne Kilometrage (For Electrical-Goods)	GTKm		
<b>(b)</b>	<b>Energy Consumption Details</b>			
(i)	Diesel Consumption for Gross Tonne Kilometrage (for Passenger)	KL		
(ii)	Diesel Consumption for Gross Tonne Kilometrage (for Goods)	KL		
(iii)	Electricity Consumption for Gross Tonne Kilometrage (for Passenger)	Million kWh		

(iv)	Electricity Consumption for Gross Tonne Kilometrage (for Goods)	Million kWh		
<b>(c)</b>	<b>Specific Energy Consumption Details</b>			
(i)	Specific Energy Consumption of Diesel for Passenger (Without Normalization)	L/1000GTKm		
(ii)	Specific Energy Consumption of Diesel for Goods (Without Normalization)	L/1000GTKm		
(iii)	Specific Energy Consumption of Electrical for Passenger (Without Normalization)	kWh/1000GTKm		
(iv)	Specific Energy Consumption of Electrical for Goods (Without Normalization)	kWh/1000GTKm		
(v)	Specific Energy Consumption of Diesel for Passenger (With Normalization)	L/1000GTKm		
(vi)	Specific Energy Consumption of Diesel for Goods (With Normalization)	L/1000GTKm		
(vii)	Specific Energy Consumption of Electrical for Passenger (With Normalization)	kWh/1000GTKm		
(viii)	Specific Energy Consumption of Electrical for Goods (With Normalization)	kWh/1000GTKm		
<b>5.5.2</b>	<b>Railway Production Units Notified as Designated Consumer</b>			
<b>(a)</b>	<b>Production Details</b>			
(i)	Total Major Production	No of units		
(ii)	Total Minor Production	No of units		
(iii)	Total Other Product-1	No of units		
(iv)	Total Other Product-2	No of units		
(v)	Total Other Product-3	No of units		
(vi)	Product (Please add extra rows in case of additional products)	No of units		
(vii)	Total Equivalent Product	No of Equated Units		
<b>(b)</b>	<b>Energy Consumption Details</b>			
(i)	Total Electricity Purchased from Grid/Other Source	Million kWh		
(ii)	Total Electricity Generated	Million kWh		
(iii)	Total Electricity Exported	Million kWh		
(iv)	Total Electrical Energy Consumption	Million kWh		

(v)	Total Solid Fuel Consumption	Million kcal		
(vi)	Total Liquid Fuel Consumption	Million kcal		
(vii)	Total Gaseous Fuel Consumption	Million kcal		
(viii)	Total Thermal Energy Consumption	Million kcal		
(ix)	Total Energy Consumption (Thermal + Electrical)	TOE		
(x)	Total Normalized Energy Consumption (Thermal + Electrical)	TOE		
<b>(c)</b>	<b>Specific Energy Consumption Details</b>			
(i)	Specific Energy Consumption (Without Normalization)	Kgoe / Eq. Unit		
(ii)	Specific Energy Consumption (Normalized)	Kgoe / Eq. Unit		
<b>5.6</b>	<b>Commercial Building or establishments - Hotels notified as Designated Consumer</b>			
<b>(a)</b>	<b>Building Area</b>			
(i)	Total Built up area	m <sup>2</sup>		
(ii)	Air-conditioned area	m <sup>2</sup>		
(iii)	Non-Airconditioned area	m <sup>2</sup>		
(iv)	Gross Floor area	m <sup>2</sup>		
(v)	Public area	m <sup>2</sup>		
(vi)	Service area	m <sup>2</sup>		
(vii)	Covered Parking Area	m <sup>2</sup>		
<b>(b)</b>	<b>Energy Consumption Details</b>			
(i)	Total Electricity Purchased from Grid/Other Source	KWh		
(ii)	Total Electricity Generated	KWh		
(iii)	Total Electrical Energy Consumption	KWh		
(iv)	Total Solid Fuel Consumption	Million kcal		
(v)	Total Liquid Fuel Consumption	Million kcal		
(vi)	Total Gaseous Fuel Consumption	Million kcal		
(vii)	Total Thermal Energy Consumption	Million kcal		
(viii)	Total Normalized Energy Consumption (Thermal + Electrical)	TOE		
<b>(c)</b>	<b>Specific Energy Consumption Details</b>			
(i)	Specific Energy Consumption (Without Normalization)	TOE/1000 m <sup>2</sup> /year		
(ii)	Specific Energy Consumption (Normalized)	TOE/1000 m <sup>2</sup> /year		

Section - C (Sector-wise as well as sub-sector wise pro-forma details)			
6	Name of the Sector	Sub-Sector	Pro-forma in which the details to be furnished
(i)	Aluminium	Refinery/Smelter	Sa <sub>1</sub>
		Cold Rolling Sheet	Sa <sub>2</sub>
(ii)	Cement	Cement	Sb
(iii)	Chlor-Alkali	Chlor-Alkali	Sc
(iv)	Fertilizer	Fertilizer	Sd
(v)	Iron and Steel	Integrated Steel	Se <sub>1</sub>
		Sponge Iron	Se <sub>2</sub>
(vi)	Pulp and Paper	Pulp and Paper	Sf
(vii)	Textile	Composite	Sg <sub>1</sub>
		Fiber	Sg <sub>2</sub>
		Spinning	Sg <sub>3</sub>
		Processing	Sg <sub>4</sub>
(viii)	Thermal Power Plant	Thermal Power Plant (Coal/Oil/Gas)	Sh
(ix)	Petroleum Refinery	Petroleum Refinery	Si
(x)	Electricity Distribution Companies	Discoms	Sj
(xi)	Railways	Zonal Railways	Sk <sub>1</sub>
		Production	Sk <sub>2</sub>
(xii)	Commercial Building	Hotels	Sl

Note: All Sector Specific Pro-forma, details of which are given above, are available on the Bureau of Energy Efficiency's official website.

I/we undertake that the information supplied in the Form 1 and Sector Specific Pro-forma is accurate to the best of my knowledge and the data furnished in Form 1 has been adhered to the data given in the concerned Sector Specific Pro-forma.

Signature

( )

Name of the Energy Manager

Registration number

Authorised Signatory and seal

Name:

Designation:

Name of the Designated Consumers:

Address: