

GROSS ANNUAL ENERGY SALES /CONSUMPTION & RPO COMPLIANCE REPORT

Month.....to.....
(REPORTING YEAR 2023-24)

Name of DISCOM :			
Complete address of Obligated Entity :			
Capacity of Energy Storage System (ESS) (in MWh) :			
1	GROSS ENERGY SALES /CONSUMPTION		
	Sales	Quantum (MUs)	Remarks
A	LV	A1	
	HV	A2	
	EHV	A3	
	Sub Total (A)	A1+A2+A3	
	Power Purchase from generating Companies/Intermediaries		
B		B1	
		B2	
		B3	
	Sub Total (B)	B1+B2+B3	
	Power Sold to Other Licensee/ Intermediaries		
C		C1	
		C2	
		C3	
	Sub Total (C)	C1+C2+C3	
D	Total Gross Energy Sales /Consumption for the year (1D) = (A+B-C)		1D
2	RPO ON GROSS ENERGY SALES /CONSUMPTION		
A	Wind RPO [@1.60% of Gross Energy Sales /Consumption (1D)] in MU	(a)	
	Wind Power Procured/ Generated (in MU)	(b)	
	Wind REC Procured (in MU)	(c)	
	Shortfall of Wind RPO, if any (in MU) S1 = (a) - {(b)+ (c)}		
B	Hydro Power Purchase Obligation (HPO) [@0.66% of Gross Energy Sales /Consumption (1D)] in MU	(a)	
	Hydro Power Procured / Generated (in MU)	(b)	
	Hydro Power REC Procured (in MU)	(c)	
	Shortfall of HPO, if any (in MU) S2 = (a) - {(b)+ (c)}		
C	Other-RPO [@24.81% of Gross Energy Sales /Consumption (1D)] in MU	(a)	
	Other-RPO Power Procured / Generated (in MU)	(b)	
	Other-RPO REC Procured (in MU)	(c)	
	Net Power generated/procured from coal based power plant through Co-firing of Biomass (in MU)*	(d)	
	Shortfall of Other RPO, if any (in MU) S3 = (a) - {(b)+ (c)+ (d)}		Document proof should be attached duly verified by Energy Auditor
D	Shortfall of Wind RPO, HPO & Other RPO (in MU) 2D = [S1 + S2 + S3]		
3	Energy Storage Obligation		
A	Energy Storage Obligation [@1% of GEC (1D)] in MU**	(a)	
	Energy Stored in Energy Storage System through RE, (in MU) (if Minimum 85% through RE)	(b)	
	Shortfall of Energy Storage System (ESS), if any (in MU) 3A = (a) - (b)		Document proof should be attached duly verified by Energy Auditor
4	Total RPO Status :		
A	(i) Wind RPO Shortfall as per S1 (in MU)		Compliance/ Non-Compliance
	(ii) Hydro RPO Shortfall as per S2 (in MU)		Compliance/ Non-Compliance
	(iii) Other RPO Shortfall as per S3 (in MU)		Compliance/ Non-Compliance
	(iv) Energy Storage System (ESS) Shortfall as per 3A (in MU)		Compliance/ Non-Compliance

Sign & Seal
of Chartered Accountant

Sign & Seal
authorized signatory of the Company
Name:
Mobile No.:
Landline No:
Email id:

***For Biomass Co-firing, please refer CSERC's Notification No. 97/CSERC/2022 (First Amendment) mentioned that" for all coal based thermal power plant of power generation utilities with bowl mill, ball & rice mill and ball & tube mills have to use mandatorily 5% blend of biomass pellets on an annual basis".**

**** The Energy Storage Obligation shall be treated as fulfilled only when at least 85% of the total energy stored in the Energy Storage System (ESS), on an annual basis, is procured from renewable energy sources. The Energy Storage Obligation to the extent of energy stored from RE sources shall be considered as a part of fulfilment of the "Total RPO".**

1) Detailed information about RE generators from whom RE power purchased along with proof of power purchased & REC purchased are enclosed here with.

2) In case of Open Access Consumer, copy of open access permission from SLDC for the period is enclosed.

RPO Compliance Details for the Financial Year 2023-24

Annexure-I

Name of Entity :-

Months of 2023-24	Energy Sales/ Consumption/ Distribution (in MU)	Wind Power (in MU)				HPO (in MU)				Other-RPO (in MU)				Energy Storage System (ESS) (in MU)			Co-gen power consumed (MU)	Remark
		Wind Obligation (1.60%)	Wind Power Procured/ Generate	Wind REC Purchased	Shortfall Wind	HPO Obligation (0.66%)	Hydro Power Procured	Hydro Power REC Purchased	Shortfall HPO	Other-RPO Obligation (24.81%)	Other-RPO Power Procured	other-RPO REC Purchased	Shortfall Other-RPO	Energy Storage Obligation (1%)	Energy Stored in Energy Storage System through RE	Shortfall of Energy Storage System (ESS)		
April																		
May																		
June																		
July																		
August																		
September																		
October																		
November																		
December																		
January																		
February																		
March																		
Total																		

I HEREBY CERTIFIED THAT ABOVE DATA IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Seal & Signature of Authorised Person

Format for monthly fuel usage & procurement statement Co-firing

Annexure-II

In terms of Notification 97/CSERC/2022 of the RPO & REC Framework Implementation (First Amendment) Regulations 2022, the Entity shall furnish a quarterly fuel usage & procurement statement duly certified by the Director/Managing Partner/Owner and Chartered Accountant for each quarter, along with the monthly energy bill and joint meter reading report submitted to CREDA.

(Report for the Month/Quarter)

1. Name of the Entity	
2. Registered Office Address	
3. Location of the Project	
4. E-mail ID & Contact Details	
5. Capacity of CPP (MW)	
6. Date of Commissioning of Project	
7. Connectivity Voltage Level	

FUEL USAGE & PROCUREMENT STATEMENT FOR THE 1st/2nd/3rd MONTH OF THE QUARTER - NAME OF MONTH

Description	Units	Paddy Reject	Mustard Husk	Paddy Straw	Wood Chips	Maize Cobs	Charcoal	Rice Husk	Sugar Mill Reject	Any Other biomass (please specify)	Total Weighted Average GCV (Biomass) Kcal	Abbreviation (Abbr.)	Total Weighted Average GCV (Coal) Kcal	Abbreviation (Abbr.)
		1	2	3	4	5	6	7	8	9	10= Sum(1 to 9)	11	12	13
Opening Stock Qty.	Kg.											Qob		Qoc
Weighted Average GCV of Opening Stock	Kcal/Kg.											Gob		Goc
Opening Stock (kg) x weighted average GCV of opening Stock (kCal/kg)	Kcal											Qob X Gob		Qoc X Goc
Fuel Receipt Qty.	Kg.											Qrb		Qrc
Weighted Average GCV of Fuel Received	KCal/Kg.											Grb		Grc
Fuel received during the month (kg) x weighted average GCV of Fuel received during the month (kcal/kg)	Kcal											Qrb X Grb		Qrc X Grc

Description	Units	Paddy Reject	Mustard Husk	Paddy Straw	Wood Chips	Maize Cobs	Charcoal	Rice Husk	Sugar Mill Reject	Any Other biomass (please specify)	Total Weighted Average GCV (Biomass) Kcal	Abbreviation (Abbr.)	Total Weighted Average GCV (Coal) Kcal	Abbreviation (Abbr.)
		1	2	3	4	5	6	7	8	9	10= Sum(1 to 9)	11	12	13
Closing Stock Qty.	Kg.											Qcb		Qcc
Weighted Average GCV of Closing Stock	KCal/Kg.											Gcb		Gcc
Closing Stock (kg) x weighted average GCV of opening Stock (kCal/kg)	Kcal											Qcb X Gcb		Qcc X Gcc
Quantum of Heat of Biomass Fuel uses during the month, $Q_b \times G_b = \{Q_{ob} \times G_{ob}\} + \{Q_{rb} \times G_{rb}\} - \{Q_{cb} \times G_{cb}\}$	(kCal)													
Quantum of Heat of Coal Used during the month, $Q_c \times G_c = \{Q_{oc} \times G_{oc}\} + \{Q_{rc} \times G_{rc}\} - \{Q_{cc} \times G_{cc}\}$	kCal													
Gross electrical energy generated at Generator Terminal during the month, $E(GT)^*$	kWh													
Total Energy Sent Out (ex-bus) during the month, $ESO^{*\wedge}$	kWh													
Electrical Energy generated by RE fuel (bio-mass) at Generator terminal during the month, $E_b(G) = \frac{\{Q_b \times G_b\}}{\{Q_c \times G_c\} + \{Q_b \times G_b\}} \times E(GT)$	kWh													
Electrical energy generated by bio-mass ex-bus during the month, $E_b(ex-bus) = E_b(G) \{ 1 - [(E(GT) - ESO) / E(GT)] \}$	kWh													
Electrical energy generated by bio-mass ex-bus during the month, (in MU) $E_b(ex-bus)$	MUs													

*Company shall install Trivector Energy Meter (s) with CTS & PTs (as applicable) of make approved by CSPDCL having accuracy class of 0.2s after getting the same tested & sealed by CSPDCL ME Lab/concerned CSPDCL office.

*[^]ESO will be as per last proviso of sub-para c of para 6 of RPO Manual.

Signature & Stamp of the Chartered Accountant

Signature & Stamp of the Authorized Signatory