Table-A

Example of Filling of Table-A

GROSS ANNUAL ENERGY CONSUMPTION & RPO COMPLIANCE REPORT

(REPORTING YEAR 2022-23)

Name of Obligated Entity: XYZ

Complete address of Obligated Entity: ABC

1	Generation Detail									
	Steam Generator			Turbine		C.O.D. of Power Plant	Gross Energy Generation (MUs)		Captive Consumption (MUs)	Remarks
	Boiler	Fuel type	Capacity in TPH	Make/Model No.	Capacity in MW					
A	AFBC							A1		
	CFBC									
	WHRB (A2)#							A2		
	Sub Total (A)								A= A1+A2	
B	Power Purchase from other generating Company/Intermediaries (Excluding DISCOM's)									
	B1									
	B2									
	B3									
	(B)^ - Excluding power procured from DISCOM (CSPDCL, TEED, JSPL-D)									
	Sub Total (B)^ = B1+B2+B3							B		
C	Power Sold to Other Licensee/ Intermediaries									
	C1									
	C2									
	C3									
	Sub Total (C) = C1+C2+C3							C		
D	Total GEC for the year (D) =(A+B-C)							D		

2	RPO ON GROSS ENERGY CONSUMPTION			
A	Wind RPO (@ 0.81% of GEC (D)) 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) (@0.35% of GEC (D)) 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 (@23.44% or @7.25% of GEC (D) which ever is applicable) in MU*	(a)		
	Other-RPO Power Procured /Generated (in MU)	(b)		
	Other-RPO REC Procued (in MU)	(c)		
	Shortfall of Other RPO, if any (in MU) S3 = (a) - {(b)+ (c)}			
D	Total Power generated through WHRB (in MU) (A2 Total)			
E	Total Power generated through Co-firing of Biomass (in MU)			
F	Overall Shortfall in Compliance (in MU) (S1 + S2 + S3 - A2 - E)			

*Captive Generating Plants (CGP) commissioned before 1st April 2016 , Shall have RPO target applicable for FY 2015-16, which is 1.00 % Solar and 6.25% Non-solar (i.e. for current year other-RPO-7.25%)

Please Attach Certificate issued from Chief Boiler Inspector for WHRB.

Declaration

I/We hereby declare that the above facts and information furnished above are true, correct and verified by the under signed

Sign & Seal
Chatered Accountant

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

1) Detailed information about RE generators from whom RE power purchased along with proof of power purchased & REC purchased are enclosed .
2) In case of Open Access Consumer, copy of open access permission from SLDC for the period is enclosed.
3) In case of Captive Power Plant, copy of grid connectivity permission from CSPDCL & Chief Electrical Inspector is enclosed.
4) In case of Co-firing Biomass please attached annexure-III dully filled in prescribed format.

Steam and Power Generation Report of 2022-23

Annexure-I

NAME OF ENTITY :-

Months of 2022-23	WHRB-1 Steam Generation in MT (Cpacity in TPH)	WHRB-2 Steam Generation in MT (Cpacity in TPH)	AFBC-1 Steam Generation in MT (Cpacity in TPH)	Total Steam Generation	Steam Proportion (%)		Turbine Inlet steam T/MWh	Power Generation MWh	Total Auxillary Consum MWh	Net Energy Generation (MU)
					WHRB 1&2	AFBC				
April										
May										
June										
July										
August										
September										
October										
November										
December										
January										
February										
March										
Total										

* Attach Copy of Certificate issued by Chief Boiler Inspector for WHRB

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

Seal & Signature of Authorised Person

RPO Compliance Details for the Financial Year 2022-23

Annexure-II

NAME OF Entity :-

Months of 2022-23	Consumption/ Distribution (in MU)	Wind				HPO				Other-RPO				Remark
		Wind Obligation (0.81%)	Wind Power Procured/ Generate	Wind REC Purchased	Shortfall Wind	HPO Obligation (0.35%)	Hydro Power Procured	Hydro Power REC Purchased	Shortfall HPO	Other-RPO Obligation (23.44%)	Other-RPO Power Procured	other-RPO REC Purchased	Shortfall Other-RPO	
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-III

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	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	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, Qb X Gb = {Qob x Gob} + {Qrb x Grb} - {Qcb x Gcb}	(kCal)													
Quantum of Heat of Coal Used during the month, Qc X Gc = {Qoc x Goc} + {Qrc x Grc} - {Qcc x Gcc}	kCal													
Gross electrical energy generated at Generator Terminal during the month, E (GT)*	kWh													
Total Energy Sent Out (ex-bus) during the month, ESO*^	kWh													
Electrical Energy generated by RE fuel (bio-mass) at Generator terminal during the month, Eb(G)= [(Qb x Gb)/{(Qc x Gc) + (Qb x Gb)}] x E(GT)	kWh													
Electrical energy generated by bio-mass ex-bus during the month, Eb (ex-bus)= Eb (G) { 1- [(E(GT) - ESO) / E(GT)] }	kWh													
Electrical energy generated by bio-mass ex-bus during the month, (in MU) Eb (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