Amendment as per **448**th meeting of the Board of Directors (BoD) held on 16.09.2025

Updation of "Financing Norms & Operational Guidelines"

S. No	Existing	New condition inclusion	
1)	Exposure Norms	 In case the borrower entity was a joint venture between two parent entities, the maximum share holding of an entity in the joint venture shall be taken into consideration while arriving at the exposure to a group. In case the borrower entity is a joint venture between two parent entities and both has equal shareholding in the joint venture, in that case, exposure shall be distributed equally. Most of the projects are on SPV mode with clear shareholding pattern and as such for JV and cross holding the exposure methodology indicated above will take care of requirements. 	
		The above norms will be reviewed as and when required.	
2)	Sector-wise composition of loan portfolio	The IREDA exposure to RE sectors based on loan book is proposed as under:	
		 "Short/MediumTerm Loan Facility to Govt. Bodies/Discoms/Transcos /Gencos/State Owned Trading Companies" and loan to Government owned companies under "Policy for Financing Transmission Projects": 25% of Loan Book. 	

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	Balance 75% of loan book will be distributed amongst other Renewable Energy Sectors
	The above exposure norms will be reviewed on annual basis or as and when required
"Term Loan Facility to Govt. Bodies/ Discoms/ Transcos /State Owned Trading Companies"	"Term Loan Facility to Govt. Bodies/ Discoms/ Transcos /State Owned Trading Companies"
Exposure Limit (Single	Exposure Limit (Single and Group exposure to be treated as same)
and Group exposure to be	: 30 % (For Sectors other than Solar and Wind) and 50 % (For Solar and wind sectors)
treated as same)	
: 35% (For Sectors other	Also, the above exposure may be followed in case of Entities like SECI, NTPC, other Government
than Solar and Wind) / 60%	entities i.e. exposure to such individual entities may be kept at 30 % (For sectors other than Solar
(For Solar and Wind	and Wind) / 50% (For Solar and Wind Sectors)
Sectors)	
	Exposure Limit as %age of IREDA's Tier-1 Capital after completion of each financial audit.
Also, the above exposure	
may be followed in case of	
Entities like SECI, NTPC,	
other Government entities	
i.e. exposure to such	
individual entities may be	
kept at 35% (For sectors	
other than Solar and Wind) /	
	Bodies/ Discoms/ Transcos /State Owned Trading Companies" Exposure Limit (Single and Group exposure to be treated as same) : 35% (For Sectors other than Solar and Wind) / 60% (For Solar and Wind Sectors) Also, the above exposure may be followed in case of Entities like SECI, NTPC, other Government entities i.e. exposure to such individual entities may be kept at 35% (For sectors

	60% (For Solar and Wind	
	Sectors)	
4)	obtaining Post Dated	Obtaining Post-Dated Cheques as part of security matrix for various schemes of financing to be
	Cheques (PDCs)	replaced with obtaining of NACH mandate.
5)	Date of Commencement of	Upto maximum of 3 years.
	Commercial Operations	
	(DCCO)	Guideline on evaluation & extension of Date of Commencement of Commercial Operations
		(DCCO) is enclosed separately herewith

S.	Head	Existing condition	Modified condition
No.			
6)	SECTORS ELIGIBLE		
	FOR LOAN	Wind Energy	Wind Energy
	ASSISTANCE	 Hydro Power (including Pump Storage) 	Hydro Power (including Pump Storage)
		Solar Energy	Solar Energy
		Biomass including Bagasse & Industrial	Biomass including Bagasse & Industrial
		Cogeneration	Cogeneration
		Biomass Power Generation	Biomass Power Generation
		Waste to Energy	Waste to Energy
		Energy Efficiency & Energy Conservation	Energy Efficiency & Energy Conservation (EE)
		(EE)	Biofuel / Alternate Fuel including CBG, Ethanol
		Biofuel / Alternate Fuel including Ethanol	Hybrid Projects with RE Technologies
		& Bio -Diesel	New & Emerging Renewable Energy
		Hybrid Projects with RE Technologies	Technologies

	New & Emerging Renewable Energy Technologies	 Manufacturing for RE related products / Components. Transmission Manufacturing of electrolyzers for green hydrogen and its derivatives and other components in the hydrogen and its derivatives value chain may be included E - Mobility and related Infrastructure
7)	 Notes Wind Energy Machine types eligible (Wind Electric Generator - WEG) for financing wind projects will be as per Revised List of Models and Manufacturers (RLMM) of Wind Turbines issued by Centre for Wind Energy Technology (C-WET) Hydro Power IREDA also finance medium and large hydro 	 Motes Wind Energy Machine types eligible (Wind Electric Generator - WEG) for financing wind projects will be as per latest Revised List of Models and Manufacturers (RLMM) of wind turbines issued by MNRE/autonomous body of MNRE Hydro Power IREDA also finance including pump storage as
	projects (above 25 MW) as per norms stipulated herein.	per norms stipulated herein.

		Biofuel / Alternate Fuel Including Ethanol (other	Biofuel / Alternate Fuel Including CBG, Ethanol
		than production of portable alcohol) & Bio-	(other than production of potable alcohol).
		Diesel	
8)	TYPES OF SCHEMES	 I. Project Financing II. Equipment Financing III. Loans for Manufacturing IV. Financial Intermediaries V. Financing of commissioned projects including takeover of Loans from other Banks /FIs. VI. Additional / Bridge Loan against SDF Loan VIII. Loan against Securitization VIII. Factoring Scheme 	/Fls. V. Loan against Securitization
9)	Other Fund and Non- fund-based Financing Schemes	Short term loan assistance to RE/EE Developers/Suppliers/ Contractors. Loan Scheme for Financing Rooftop Solar PV Grid Connected/ Interactive Power Projects (Industrial, Commercial and Institutional). Policy for Extending Medium Term loan for Renewable Energy Expansion.	Developers/Suppliers/ Contractors Loan Scheme for Financing Rooftop Solar PV / Large Scale Rooftop Grid Connected/ Interactive Power Projects (Industrial, Commercial and Institutional).

10)	PROMOTER	Minimum Promoter Contribution, Quantum	Promoter Contribution, Quantum of loan &
	CONTRIBUTION,	of loan & Maximum Debt Equity Ratio.	Maximum Debt Equity Ratio.
	QUANTUM OF LOAN,		
	MORATORIUM AND REPAYMENT PERIOD	a) The quantum of loan from IREDA shall be normally upto 70% of the total project cost.	a) The quantum of loan from IREDA shall be normally upto 70% of the total project cost with promoter contribution of 30% of the project cost.
		b) Typically, the minimum promoter contribution shall be 30% of the project cost and the maximum Debt Equity Ratio (DER) shall not be more than 3:1	
		c) In Solar, Wind, Hydro and Energy Efficiency & Conservation projects, IREDA may consider the minimum promoter contribution as 25% of project cost and may extend loan up to 75% of the project cost subject to meeting the following conditions:	b) In Solar, Wind, Hydro, Bagasse based Cogeneration and Energy Efficiency & Conservation projects, IREDA may consider the minimum promoter contribution as 25% of project cost and may extend loan up to 75% of the project cost subject to meeting the following conditions:
		 In case of repeat borrowers of IREDA with an operational RE/EE project, should have a good track record w.r.t. repayment to the satisfaction of IREDA. 	 In case of repeat borrowers of IREDA with an operational RE/EE project, should have a good track record w.r.t. repayment to the satisfaction of IREDA and financial viability of project proposal.

- In case of new clients, the average Debt
 Service Coverage Ratio (DSCR) of the project should not be less than 1.2.
- Only in Case of Energy Efficiency and Conservation Technology Projects wherein the underlying Contract/Project is with Government/ Government owned entity.
- d) D: E to 4:1 and Quantum of loan upto 80% of Project Cost be allowed in Solar, Wind Energy, Hydro and Energy Efficiency and Conservation Technology meeting following criteria: -
 - I. Promoter experience in successful implementation and two years of satisfactory operation of at least one project of 50 % of proposed capacity.

- In case of new clients, the average Debt Service Coverage Ratio (DSCR) of the project should not be less than 1.25 for solar & wind and 1.3 for other sectors. For manufacturing sector, average DSCR of the project should not be less than 1.4
- Only in Case of Energy Efficiency and Conservation Technology Projects wherein the underlying Contract/Project is with Government/ Government owned entity.
- c) D: E to 4:1 and Quantum of loan upto 80% of Project Cost be allowed in Solar, Wind Energy, Hydro and Energy Efficiency and Conservation Technology meeting following criteria: -
 - (I) Promoter experience in successful implementation and two years of satisfactory operation of at least one RE project of 50 % of proposed capacity.

- II. Internal Risk Rating of Grade-III or better.
- III. The average Debt Service Coverage Ratio (DSCR) of the project should not be less than 1.2 for tenure of loan.
- IV. In case of Energy Efficiency and Conservation Technology Projects the underlying Contract/Project must be with Government/ Government owned entity.

For accessing experience as per clause I above, relevant Documents/Experience Certificate be mandatorily obtained.

- e) D: E to 4:1 and Quantum of loan upto 80% of Project Cost shall be allowed in RE Manufacturing projects subject to the following:
 - I. The manufacturing project being setup by existing borrower of IREDA or its holding company.

- (II) Minimum Internal Risk Rating of Grade-III or minimum A(-) (A minus) external rating
- (III) The average Debt Service Coverage Ratio (DSCR) of the project should not be less than 1.2 for tenure of loan.
- (IV) In case of Energy Efficiency and Conservation Technology Projects the underlying Contract/Project must be with Government/ Government owned entity.

For accessing experience as per clause (I) above, relevant Documents/Experience Certificate be mandatorily obtained.

- d) D: E to 4:1 and Quantum of loan upto 80% of Project Cost shall be allowed in RE Manufacturing projects subject to the following:
 - (i) The manufacturing project being setup by existing borrower of IREDA or its holding company.

		II. Borrower is having good track record of repayment of its dues to the satisfaction of IREDA.	 (ii) Borrower or group company is having good track record of repayment of minimum 2 years to their existing lenders and to the satisfaction of IREDA. (iii) Promoter experience in successful implementation and two years of satisfactory operation of at least one RE manufacturing project of 50 % of proposed capacity. (iv) Minimum A(-) (A minus) external rating
11)	2.6 Due diligence Points - for Offtake risk due to Group Captive / Third Party Primary Securities.	S. No.2 - Third Party: Additional interest of 0.5% p.a. over and above the applicable rate of interest as per the IREDA credit rating model to be charged for the project. Mortgage of immovable assets by way of deposit of title deeds or any other legally recognized	
		mode.	properties of the Borrower pertaining to Project, both present and future. In case of leasehold immovable properties, mortgage/assignment of leasehold rights over such property.

10\	Drima am / Co a conitia a	I have a the postion of more than a sector had be suitable as	A first share by way of by sath a stick and the
13)	Primary Securities.		A first charge by way of hypothecation on the
		and future, subject to prior charge of Banks on	following, along with power of attorney:
		specified current assets.	 on all the Borrower's movable properties and
			assets pertaining to the Project, including
			moveable plant and machinery, machinery
			spares, equipment, tools and accessories,
			furniture, fixtures, vehicles and all other
			movable assets wherever situated, both
			present and future, and the same shall not
			include the Current Assets.
			on all the Current Assets pertaining to the
			Project, including but not limited to book
			debts, operating cash flows, stock-in-trade
			and inventory, Receivables, commissions and
			revenues of the Project, if any, revenue of
			whatsoever nature and whenever arising
			relating to the Project, both present and future.
			over all bank accounts of the Borrower relating
			to the Project, including, the Escrow Account
			and the Sub-Account(s) (including but not
			limited to DSRA) or any account created for
			, -
			any reserve(s) to be created and maintained
			(or any account in substitution thereof), that
			may be opened in accordance with the Escrow
			Agreement and the Financing Documents, or

guarantees/insurance bonds under the

	(iii) over all intangibles of the Borrower including but not limited to goodwill, intellectual property rights, undertakings and uncalled capital, present and future; and (iv) in any letter of credit, guarantee including contractor guarantees and liquidated damages and performance bond provided by any party to the Project Documents, both present and future.
14) Primary Securities.	Assignment of all other project contracts, charges etc. Assignment of rights, title and interest, beneficial interest, claims and demands whatsoever of the Borrower by way of IOM of the following: (i) in the Government approvals, clearances, licenses, permissions etc., both present and future pertaining to the Project., subject to Applicable Laws; and (ii) in Project Documents, user agreements, other contracts, etc. assignable by the Borrower, both present and future with respect to the Project; and (iii) in insurance policies/contracts and

			bonds under the contracts both present and future with respect to the Project; and (iv) over all intangibles of the Borrower including but not limited to goodwill, intellectual property rights, undertakings and uncalled capital, present and future; and (v) in any letter of credit, guarantee including contractor guarantees and liquidated damages and performance bond provided by any party to the Project Documents, both present and future. However, for companies availing loan amount up to Rs. 50 Crores, or Self- captive projects or MSME borrowers, an undertaking shall be given for creating assignment through Indenture of Mortgage (IOM) at a later date whenever so required by IREDA, subject to submission of ₹ 20 Lakhs in the form of BG/FDR to IREDA, as security deposit towards registration cost of IOM
15)	Additional Securities	Mortgage of collateral property	Mortgage of collateral property
		In appear of collectoral accurity valuation from	In case of collateral security, valuations from 2 IRRI registered (approved valuers is to be
		In case of collateral security, valuation from	IBBI registered/approved valuers is to be
		bank empaneled valuers is to be provided	provided.

(considering circle rate or market rate, whichever is lower). • Among the two valuation reports, the lower realizable value shall be considered for valuation of the property.
Note: ✓ The valuation fee is to be paid by the borrower
company only. ✓ The fresh valuation to be carried out in every three years.
✓ If the loan falls in SMA-2 category for a period of 6 months and more, then fresh valuation will be carried out and thereafter every three years.
✓ In event of subsequent valuations to be carried out, then IBBI valuer should be different from the previous valuer.
The collateral property life is to be more than the stipulated period of collateral security, i.e., in case period of collateral property is to be provided till
tenure of loan, then the life of the property should be more than tenure of loan.
Further, valuation from single IBBI registered/approved valuer will be obtained once

			the process of empanelment of IBBI registered/approved valuers at IREDA is completed In the case of Collateral Securities, the cases where the assets/ property having clear title which have been purchased in name of the Borrower company out of own funds or otherwise acquired (i.e. beyond the funds / equity envisaged for the project cost) to be considered as collateral and to this effect a certificate from Statutory
			Auditor (SA)/Chartered Accountant (CA) (when SA is not available) to be submitted.
			is not avaitable) to be submitted.
16)	Clause - 1.12	authorized CMD, IREDA to approve all the Loan	To authorize CMD, IREDA to approve all the Loan
	Delegation of Power	Sanctions under the Scheme "Term Loan	Sanctions under the Scheme "Short/Medium Term
	by BoD to CMD	Facility to Govt. Bodies/ Discoms/ Transcos	Loan Facility to Govt. Bodies/ Discoms/ Transcos/
		/State Owned Trading Companies" and loan to	Gencos/ State Owned Trading Companies" and
	Delegation of Power	Government owned companies under "Policy	loan to Government owned companies under
	by BoD to CMD	for Financing Transmission Projects" upto the	"Policy for Financing Transmission Projects" upto
		maximum annual ceiling of Rs. 15,000 Cr.	25% of loan book.
17)	Front End Fee	Non – refundable 75% of applicable "Front	Non – refundable 100 % of applicable "Front End
		End Fee" plus applicable GST, be obtained	Fee" plus applicable GST, be obtained without
			any rebate, before issuance of sanction letter.

		without any rebate, before issuance of sanction letter. 20% rebate on front end fee payment shall be applicable if full front-end fee is paid within 60	No rebate on front end fee payment shall be applicable.
		days from the date of IREDA sanction letter.	
18)	SCHEDULE OF FEES: III. Documentation Charges:		In case of sole lending by IREDA, documentation charges will be governed as:
		Rs. 1 Lac plus applicable taxes, irrespective of the loan amount in case of sole lending by IREDA	 Rs. 2 Lacs plus applicable taxes for IREDA Loan amount upto Rs.20 Crores, Rs. 5 Lacs plus applicable taxes for IREDA Loan amount above Rs.20 Crores and upto Rs.100 Crores Rs. 10 Lacs plus applicable taxes for IREDA Loan amount above Rs.100 Crores and upto Rs.500 Crores Rs. 15 Lacs plus applicable taxes for IREDA Loan amount above Rs.500 Crores and upto Rs.1000 Crores Rs. 20 Lacs plus applicable taxes for IREDA Loan amount above Rs.1000 Crores
			Title search counsel fee depending on nature of documentation, number of titles and size of

			land, etc., and any other charges towards legal documentation is to be paid separately by the borrower Stamp papers for legal documentation is to be arranged by the borrower. Incase stamp paper is arranged by IREDA, stamp charges as per actuals will be paid by the borrower.
19)	SCHEDULE OF FEES: XIV. Appraisal Fee	An amount of 0.25% of loan amount (minimum Rs. 10 Lakh and maximum Rs. 25 Lakhs) to be obtained before issuance of term sheet (after financial concurrence) in case of New and Emerging Technologies,	An amount of 0.25% of loan amount (minimum Rs. 10 Lakh and maximum Rs. 25 Lakhs) to be obtained before issuance of term sheet (after financial concurrence) in case of New and Emerging Technologies. The technologies are as follows: • Battery Energy Storage Systems (BESS) and manufacturing of batteries • Projects involving production of Green Hydrogen and its derivatives, including manufacturing/ production of components/materials which have direct impact on providing support to Renewable Energy/ Green Technologies/EV/Green Hydrogen and its derivatives. • Fuel Cells,

			 Manufacturing/ assembling plant of Electric Vehicles and associated components, Waste Recycling units to meet the demands of the RE Sector, Electric Mobility and BESS Segments Smart Meter Projects
20)	II. Debt Service Reserve Account	In case on non-creation of DSRA as stipulated, penal charges of Rs 3000 per lakh per annum of the sanctioned loan amount for non-compliance which shall be calculated on daily basis considering the number of days in a year as 365 (proportionate amount would be charged for the amount less than a lakh, if any)	In case on non-creation of DSRA as stipulated, penal charges of Rs 3000 per lakh per annum of the Loan outstanding amount for non-compliance which shall be calculated on daily basis considering the number of days in a year as 365 (proportionate amount would be charged for the amount less than a lakh, if any)
21)	II. Debt Service		
	Reserve Account	Period	Period
	a) New Project (Greenfield and expansion) and Not commissioned takeover project	On or before the date of Commencement of Commercial Operations of the Project Within 6 Months from the date of Commencement of Commercial Operations of the Project	On or before the date of Commencement of Commercial Operations of the Project Within 6 Months from the date of Commencement of Commercial Operations of the Project

		Within 1 year from the date of Commencement of Commercial Operations of the Project Within 1 year and half Year from the date of Commencement of Commercial Operations of the Project	Within 1 year from the date of Commencement of Commercial Operations of the Project Within 1 year and half Year from the date of Commencement of Commercial Operations of the Project
			Note: Penal shall be applicable from the actual Commercial Operations Date (COD)
22)	XXIII. Scheme "Setting	S. No. III : Repayment Period & Moratorium:	S. No. III : Repayment Period & Moratorium:
	up of New Distillery /		
	Expansion of Existing	The repayment period shall be maximum of 7	The repayment period shall be maximum of 10
	Distillery for	years (including moratorium up to 12 months	years (including moratorium up to 12 months from
	Production of Ethanol	from COD) depending on the project cash flows	COD) depending on the project cash flows & DSCR
	Using Sugarcane	& DSCR of the project and it shall be after the	of the project and it shall be after the
	Juice / Sugar Syrup /	implementation period. In case of consortium/	implementation period. In case of consortium/ co-
	B-Heavy Molasses /	co-financing, terms and conditions can be	financing, terms and conditions can be aligned with
	C-Heavy Molasses /	aligned with lead FI/Banks/Underwriters/	lead FI/Banks/Underwriters/ Syndicators.
	Damaged Food Grains	Syndicators.	
	/ Surplus Rice with		(The longer repayment period is proposed to
	FCI And Other		make the project sustainable and to take care of
	feedstock such as		any teething problems in the project)
	Sorghum / Sugar Beet		
	etc."		

23)	XXIII. Scheme "Setting	Quantum of loan from IREDA / Minimum C			Quantum of lo	oan from If	REDA / Minimur	n Promoter		
	up of New Distillery /	Promoters C	Contributio	n shall be li	nked to	(Contribution shall be linked to eligibility of the			
	Expansion of Existing	eligibility of t	he Project	t for availing b	enefit of	F	Project for ava	ailing bene	fit of Interest Su	ubvention a
	Distillery for	Interest Subve	ention as n	otified by Govt	of India:	r	notified by Go	vt. of India	a:	
	Production of Ethanol									
	Using Sugarcane	Eligibility	IREDA	Minimum	Total		Eligibility	IREDA	Minimum	Total
	Juice / Sugar Syrup /	for availing	Loan	Promoters'	Term		for availing	Loan	Promoters'	Term
	B-Heavy Molasses /	Interest	Amount	Contribution	Loan		Interest	Amount	Contribution	Loan
	C-Heavy Molasses /	Subvention	(% of	(% of project	(%) of		Subvention	(% of	(% of project	(%) of
	Damaged Food Grains		the	cost)	the			the	cost)	the
	/ Surplus Rice with		project		project			project		project
	FCI And Other		cost)		cost			cost)		cost
	feedstock such as	For Ethanol	Projects al	ong with existi	ng sugar		For Ethanol F	Projects a	long with existi	ng sugar
	Sorghum / Sugar Beet	mills					mills			
	etc."	If the	Upto	10%	90%		If the	Upto	10%	90%
		Project is	90%				Project is	90%		
		eligible					eligible			
		If the	Upto	30%	70%		If the	Upto	30%	70%
	V. Promoter	Project is	70%				Project is	70%		
	Contribution and	not					not eligible			
	Quantum of Loan:	eligible#					If the	Upto	25%	75%
		For Stand-Al	one Ethan	ol Projects	'		Project is	75%		
							not			
							eligible.			

If the	Upto	15%	85%
Project is	85%		
eligible			
If the	Upto	30%	30%
Project is	70%		
not			
eligible#			

#Letter of Intent (LOI) for supply of raw material shall be a sanction Condition. Firm raw material contracts (to contain atleast clause related to liquidated damage/penalty clause for non-supply of feedstock adequately covering IREDA term loan repayment) for a tenure more than IREDA's loan tenure including moratorium period (door to door) shall be a predisbursement condition for stand-alone and dual feed (including sugar) based distilleries

However,				
the project				
proposes				
use of				
100%				
biomass				
and its				
derivatives				
in the				
boiler as				
fuel and air				
cooler				
system in				
place				
water				
cooler				
system				
For Stand-Al	one Ethan	ol Projects		
If the	Upto	15%	85%	
Project is	85%			
eligible				
If the	Upto	30%	30%	
Project is	70%			
not eligible				

			If the Project is not eligible. However, the project proposes use of 100% biomass and its derivatives in the boiler as fuel and air cooler system in place water cooler system	Upto 75%	25%	75%	
24)	XXIII. Scheme "Setting up of New Distillery /	IV Base Case Financial Indicators: The Base case financials shall ensure				cators: The Bas	

	Expansion of Existing Distillery for Production of Ethanol Using Sugarcane Juice / Sugar Syrup / B-Heavy Molasses / C-Heavy Molasses / Damaged Food Grains / Surplus Rice with FCI And Other feedstock such as Sorghum / Sugar Beet etc."	compliance of following financial indicators: - • Average DSCR > 1.20 • Minimum annual DSCR > 1.10 • ACR > 1.0 • IRR (Post Tax) > Interest rate of project	following financial indicators: - • Average DSCR > 1.20 • Minimum annual DSCR > 1.10 • FACR > 1.11 (For Loan Exposure 90% or above) & FACR > 1.17 For Loan Exposure 85% (preferably post-commissioning, once capitalization of fixed assets is completed. • IRR (Post Tax) > Interest rate of project
25)	2.17 - Pre-Sanction inspection	Pre-sanction inspection of the project site is mandatory in all loan applications.	Pre-sanction inspection of the project site shall be exempted in case of non-fund-based facility application."