

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.906
ANSWERED ON 02.12.2021**

POWER PROJECTS FINANCED BY PFC AND REC

906. SHRI UTTAM KUMAR REDDY NALAMADA:

**Will the Minister of POWER
be pleased to state:**

- (a) the details of amount sanctioned and disbursed by Power Finance Corporation (PFC) and Rural Electrification Corporation (REC) for power and irrigation projects to various State Governments or their corporations or any of their agencies during the last three years and the current year; year-wise;**
- (b) whether the irrigation projects financed by PFC and REC received approvals from the Ministry of Jal Shakti and Ministry of Environment, Forest and Climate Change and if so, the details thereof;**
- (c) the details of the terms of lending of the PFC and REC to various State Governments or their corporations or their agencies including interest rate, loan tenure, number of years of moratorium left and the beginning of repayment of the principal amount; and**
- (d) the details of physical progress in this regard in various States?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

- (a): The details of amount sanctioned and disbursed for Power and Irrigation projects during the last three years and the current year (upto 24.11.2021) by Power Finance Corporation (PFC) Ltd and REC Ltd (formerly known as Rural Electrification Corporation Ltd) are furnished at Annexure-I.**
- (b): The details of approvals from the Ministry of Jal Shakti and Ministry of Environment, Forest and Climate Change for irrigation projects financed by PFC Ltd and REC Ltd are furnished at Annexure-II and Annexure-III respectively.**
- (c) & (d): The main sanction terms stipulated in regard to irrigation projects funded by PFC Ltd and REC Ltd and Physical progress are brought out at Annexure-IV and Annexure-V respectively.**

ANNEXURE-I**ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 906
ANSWERED IN THE LOK SABHA ON 02.12.2021**

Statement showing the details of sanction and disbursement by Power Finance Corporation:-*(Amount in Rs. Cr)*

Financial Year	Sanction			Disbursement		
	Power Generation	*EM component of Irrigation	Total	Power Generation	*EM component of Irrigation	Total
2018-19	5994	7785	13779	16128	9903	26031
2019-20	16044	14075	30119	15457	7855	23312
2020-21	31415	2425	33840	14160	5871	20031
2021-22 (upto 24.11.21)	-	14940	14940	4308	4005	8313
Total	53453	39225	92678	50053	27634	77687

***Electro-mechanical (EM) components, sub-stations, transmission lines and associated civil works of Irrigation project**

Statement showing the details of sanction and disbursement by REC LTD:-*(Amount in Rs. Cr)*

Financial Year	Sanction			Disbursement		
	#Power Generation	*EM & HM component of Irrigation Project	Total	Power Generation	*EM & HM component of Irrigation Project	Total
2018-19	15169	12801	27970	22843	4025	26868
2019-20	31393	18751	50144	20511	7059	27570
2020-21	19105	23739	42844	14462	5455	19917
2021-22 (upto 24.11.21)	6904	5723	12627	8361	3224	11585
Total	72571	61014	133585	66177	19763	85940

***Electro-mechanical (EM) components, sub-stations, transmission lines and associated civil works of Irrigation project, # Power Generation Projects including Renewable Energy**

ANNEXURE-II

**ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 906
ANSWERED IN THE LOK SABHA ON 02.12.2021**

Statement showing the status of approvals from the Ministry of Jal Shakti Gazette Notification Dated 15th July 2021 and Ministry of Environment, Forest and Climate Change for the Irrigation projects funded by PFC is as follows:

State	Project Name	Ministry of Jal Shakti	Ministry of Environment, Forest and Climate Change
Telangana	Telangana : Kaleshwaram Project	Approved	Obtained
Telangana	Palamuru Rangareddy Lift Irrigation Project	Un-approved Timeline available till 15th January 2022.	To be obtained.
Andhra Pradesh	Rayalseema Drought Mitigation Project	The project is not listed in the Ministry of Jal Shakti Gazette Notification dated 15th July, 2021. However, The borrowing utility has confirmed that the approval will be obtained within the proscribed timeline of 15th January 2022, if required.	To be obtained.

**ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 906
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Statement showing the status of approvals from the Ministry of Jal Shakti /CWC clearance and Ministry of Environment, Forest and Climate Change for the Irrigation projects funded by REC (where loan agreement has been executed) is as follows:

State	Project Name	Approval of Ministry of Jal Shakti/ CWC Clearance	Ministry of Environment, Forest and Climate Change clearance
Telangana	Kaleshwaram Project	Obtained The works of lifting additional 1 TMC water are listed under <i>Unapproved</i> project list of Ministry of Jalshakti notification dated 15.07.2021. KIPCL vide letter dated 15-11-2021 has made a request to Ministry of Jalshakti for deleting additional 1 TMC from the un-approved list of the notification and the State Govt. is pursuing in this regard with Ministry of Jalshakti.	Obtained
Telangana	Indiramma Flood Flow Canal (IFFC)	Obtained	Obtained
Telangana	J. Chokkarao - Devadula Lift Irrigation project	Obtained	Obtained
Telangana	Sita Rama Lift Irrigation Project	Un-approved Borrower has informed that clearances from CWC is under progress	Obtained
Telangana	PV Narasimha Rao – Kanthanapally Sujala Sravanthi Scheme	Un-approved Borrower has informed that clearances from CWC is under progress	Obtained
Andhra Pradesh	Chintalapudi Lift Irrigation Scheme	Secretary, Water Resources, Govt of AP vide letter dated 17.11.2021 intimated that CWC clearance is not mandatory	Under process.
Andhra Pradesh	Kondaveetivagu Lift Scheme – Flood Relief Scheme	Borrower has informed that CWC clearance is not required	Not required as submitted by borrower
Andhra Pradesh	Purushottapatnam Lift Irrigation Scheme	Secretary, Water Resources, Govt of AP vide letter dated 17.11.2021 has intimated that separate approval is not required	Under process
Andhra Pradesh	YSR Palnadu Drought Mitigation Project	Secretary, Water Resources, Govt of AP vide letter dated 17.11.2021 has intimated that the CWC clearance is not required.	Secretary, Water Resources vide letter dated 17.11.2021 has intimated that the clearance is not required.

**ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 906
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Statement showing the main sanction terms stipulated to irrigation projects funded by PFC is as under:

Entity	Project Name	Interest Rate	Loan Tenure	Moratorium on Principal repayment after COD	Repayment Start Date	Loan Security	Physical progress	
Telangana: Kaleshwaram Irrigation Project Corporation Limited	Kaleshwaram *Project	9.2%-11.00% p.a.	12 years	6 months	15-Oct-2022	State Govt. Guarantee within FRBM Limits	Project consists of 7 links. Link-wise progress is below:	
							Link	Physical Progress (%)
							I	100%
							II	100%
							III	76%
							IV	92%
							V	57%
							VI	25%
	VII	55 %						
	Palamuru Rangareddy Lift Irrigation Project	10.65% - 11.00% p.a.	15 years	6 months	15-Oct-2024	State Govt. Guarantee within FRBM Limits	The project consists of 5 stages. The stage-wise approximate physical progress of the project as on October 2021 is as follows:	
Stage							Physical Progress (%)	
I							49%	
II							70%	
III							67%	
IV							52%	
5th Stage is under approval of State Government. PFC has not funded 5th Stage of the project.								

Andhra Pradesh: Andhra Pradesh Rayalseema Drought Mitigation Projects Development Corporation Limited	Rayalseema Drought Mitigation Project	10.65% p.a.	12 years	6 months	15-Oct-2026	State Govt. Guarantee within FRBM Limits	The loan sanction letter was issued on 10th September 2021. The loan documents are yet to be executed.
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CoD: Commercial operation date.

*** Irrigation**

**ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 906
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Statement showing the major sanction terms stipulated and physical progress of irrigation projects funded by REC (where loan agreement has been executed) is as under:

Entity	Project Name	Interest Rate	Loan Tenure	Moratorium on Principal repayment	Completion period upto	Loan Security	Physical Progress
Telangana: Kaleshwaram Irrigation Project Corporation Limited (KIPCL)/ Kaleshwaram Project	E&M, H&M and associated Civil works for lifting capacity enhancement of existing system by 1.1 TMC (Thousand Million Cubic Feet) water per day from Sripada Yellampally Project (SYP) to Mid Mannair Reservoir under Link 2	10.90% p.a.	12 years	Up to Completion Period	May,2022	State Govt. Guarantee &Hypothecation of assets created under the schemes. Further, Repayments & interest obligations of REC's loans are to be served through provision in the state govt. budget.	20%
	E&M, H&M and associated Civil works For lifting of additional 1 TMC water per day from Medigadda Barrage on Godavari River to Reservoir at Sripada Yellampally Project (SYP) under Link-1	10.90% p.a.	12 years	Upto Completion Period + 6 months	March,2022		100%
	E&M, H&M and associated Civil works for lifting of additional 1 TMC water per day from Mid Mannair Reservoir to Sri Komaravelli Mallana Sagar Reservoir under Link-4	10.90% p.a.	12 years	Up to Completion Period + 6 months	March,2022		15%
Telangana: Telangana State Water Resource Infrastructure Development Corporation Ltd. (TSWRIDCL)	Indiramma Flood Flow Canal (IFFC)	11% p.a.	12 years	Up to Completion Period + 6 months	Apr'22	State Govt. Guarantee. Further, Repayments & interest obligations of REC's loans are to be served through provision in the state govt. budget.	90%
	J. Chokkarao - Devadula Lift Irrigation project	11% p.a.	12 years	Up to Completion Period + 6 months	Apr'22		80%
	Sita Rama Lift Irrigation Project	11% p.a.	12 years	Up to Completion Period + 6 months	Apr'23		90%
	PV Narasimha Rao - Kanthanapally Sujala Sravanthi scheme	11% p.a.	12 years	Up to Completion Period + 6 months	Sept'21		99%
Andhra Pradesh Andhra Pradesh Water Resource Development Corporation (APWRDC)	Chintalapudi Lift irrigation scheme	10.50% p.a	10 years	5 years from first disbursement i.e. upto 05.02.25	Jun'22	State Govt. Guarantee &Hypothecation of assets created under the scheme. Further, Repayments & interest obligations of REC's loans are to be served through provision in the state govt. budget.	83%
	Kondaveetivagu Lift scheme - Flood relief Scheme	10.50% p.a	10 years	3 years from first disbursement i.e upto 05.02.23	Project Completed		Project Completed
	Purushottapatnam Lift irrigation scheme	10.50% p.a	10 years	3 years from first disbursement i.e. upto 05.02.23	Project Completed		Project Completed
	YSR Palnadu Drought Mitigation Project	10.60% p.a	12 years	Up to Completion Period + 6 months	Jun'22		33%

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