

GOVERNMENT OF INDIA
MINISTRY OF POWER

RAJYA SABHA
STARRED QUESTION NO.199
ANSWERED ON 08.08.2023

STATUS OF BHADRADRI AND YADADRI POWER PLANTS IN TELANGANA

199 DR. K. LAXMAN:

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

- (a) whether there is any proposal to increase coal production for more generation of thermal power;
- (b) if so, the details thereof; and
- (c) the status of the Bhadradri and Yadadri power plants in Telangana, which have been financed by REC Ltd. and Power Finance Corporation Ltd.?

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) to (c) : A Statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (c) IN RESPECT OF RAJYA SABHA STARRED QUESTION NO.199 FOR REPLY ON 08.08.2023 REGARDING STATUS OF BHADRADRI AND YADADRI POWER PLANTS IN TELANGANA ASKED BY DR. K. LAXMAN.

(a) & (b) : Most of the requirement of coal in the country is met through indigenous production. In the year 2022-23, coal production increased by 14.77% over the previous year. During the current year till June' 2023, domestic coal production has increased over 8.51% compared to the same period of last year. All India target of coal production for the year 2023-24 has been estimated at 1012.14 Million Tonnes (MT), about 13% higher than production during 2022-23. Company wise details is as under:

Company	Production (Million Tonnes)
Coal India Limited & its Subsidiaries	780.00
Singareni Colliery Company Limited	70.00
Captive and Others	162.14
Total	1012.14

The supply of domestic coal to the power plants during 2022-23 has been about 738 Million Tonnes (MT) and the likely availability of domestic coal for power plants, as per Ministry of Coal, during 2023-24 is 821 MT.

(c) : (1) Status of Bhadradi Thermal Power station(4x270 MW): All the four units of Bhadadari TPS (4x270 MW) have been commissioned and running successfully. Unit-wise details of commissioning date are given below:

State/ Developer	Unit	Capacity (MW)	Commissioning Date	Estimated Cost (Rs. Cr)
Telangana (TSGENCO)	U-1	270	05-06-2020	10,515.84
	U-2	270	07-12-2020	
	U-3	270	26-03-2021	
	U-4	270	09-01-2022	

(2) Status of Yadadari Thermal power station (5x800 MW) : The present status of plant is as under:-

(as on 31-07-2023)

State/ Developer	Unit	Capacity (MW)	LOA Date	Original commissioning Date	Anticipated commissionin g Date	Time Over run	Physical progress (%)
Telangana (TSGENCO)	U-1	800	17- 10- 2017	Oct.-2021	Dec-2023	2 y, 2 m	80 %
	U-2	800		Oct.-2021	Dec-2023	2 y, 2 m	81 %
	U-3	800		Jun.-2022	Sep-2024	2 y, 3 m	74 %
	U-4	800		Jun.-2022	Aug-2024	2 y, 2 m	77 %
	U-5	800		Oct.-2022	Apr-2025	2 y, 6 m	72 %

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.1292
ANSWERED ON 27.07.2023**

WORKING CAPITAL AND FUEL TO STATE POWER PLANTS

1292. SHRI G.M. SIDDESHWAR:

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

- (a) whether many State power plants are stressed power plants and require working capital to buy coal and start generating power in the country;**
- (b) if so, the details thereof;**
- (c) whether such power plants would be offered short term loans from Power Finance Corporation and REC Ltd.;**
- (d) If so, the details thereof;**
- (e) the number of State power plants whose generating capacity has been reduced due to shortage of supply of coal and action taken by the Government to provide fuel; and**
- (f) whether the power plants are generating power at their full capacity to meet energy demand and if so, the details thereof?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) to (c) : There has been significant improvement in realization of dues of Generating Companies post implementation of Electricity (Late Payment Surcharge and Related Matters) Rules, 2022 promulgated on 3rd June, 2022. The total outstanding dues of States towards Generating Companies reported on PRAAPTI Portal which were at Rs. 1,20,540 Cr. as on 03.06.2022 have been reduced to Rs. 61,025 Cr. as on 24.07.2023 with timely payment of twelve (12) Equated Monthly Installments (EMIs). Distribution companies are also paying their current dues in time to avoid regulations under the rule. However, some State Gencos have sought working capital assistance from PFC and REC for procurement of coal pending realization of their dues.

(d) : Various state utilities are approaching Rural Electrification Corporation Limited (REC) to sanction the loans. REC has provided loan assistance to various utilities for procurement of coal. The details are at Annexure-I.

Also, Power Finance Corporation Ltd. (PFC) has a policy in place which prescribes sanction of short term loans to state power plants requiring working capital to buy coal subject to compliance of Additional Prudential Norms prescribed by Ministry of Power. During FY 2022-23 and FY 2023-24, PFC had sanctioned loans to various State Sector Gencos for procurement of coal. The details are at Annexure-II.

(e) : As on 31.03.2023, the coal stock available at 180 Domestic coal based (DCB) plants was 34.6 Million Ton (MT), while on 17.7.2023, it was 33.4 MT which is sufficient to run these plants for an average of 13 days at 85% Plant Load Factor (PLF). Further, the coal stock at 57 State Sector Plants as on 17.07.2023 is 9.6 MT, which is sufficient to run these plants for an average of 10 days at 85% PLF. So, there is no shortage of coal in State Sector Plants. However, coal stock at the plant end varies as per gap between consumption and receipt of coal.

Government has taken following steps to ensure smooth coal supply to power plants for unhindered power generation:-

- I. To address the issues of coal supplies to power sector, an Inter-Ministerial Sub Group comprising of representatives from Ministries of Power, Ministry of Coal, Ministry of Railways, Central Electricity Authority (CEA), Coal India Limited (CIL) and Singareni Collieries Company Limited (SCCL) meet regularly to take various operational decisions to enhance supply of coal to thermal power plants as well as for meeting any contingent situations relating to Power Sector including to alleviate critical coal stock position in power plants.**
- II. An inter-ministerial Secretary-level meeting is held regularly to monitor coal stocks.**
- III. Government has issued revised coal stocking norms, which mandates the power plants to maintain sufficient stock at all times to meet any contingent situation.**
- IV. Power Utilities have been importing coal considering their requirement as well as cost-economics. Ministry of Power vide order dated 09.01.2023 directed Central/State Gencos and IPPs to take necessary actions to import coal for blending where necessary through a transparent competitive procurement so as to have sufficient stock at their power plants for smooth operations till September, 2023.**

- V. As per Railways, during 2022-23, the net induction of coal carrying wagons was about 8800 (about 150 rakes). During 2023-24, the likely net induction of coal carrying rakes would be about 200 rakes, which could provide additional 50 rakes/day for coal loading. The expected increase in annual coal transportation capacity on account of wagon induction would be about 70 Million Tonnes (MT). Similarly, likely net induction of coal carrying rakes in 2024-25 is about 250 rakes, which could provide additional 60 rakes/day. The expected increase in annual coal transportation capacity on account of wagon induction would be about 85 MT.**
- VI. Railways have identified 40 number of project for augmentation of coal evacuation. Out of 40 projects, 17 number of projects have already been completed and 23 projects are in progress. Out of 23 projects, it is expected that about 18 projects would be completed by 2026-27.**
- VII. According to Railways, likely increase in coal transportation capacity during 2023-24 and 2024-25 is about 185 MT.**
- VIII. To ensure sufficient coal, Captive Coal Mine Production target for Financial Year 2023-24 is kept at 141 Million Tonnes in comparison to 102.69 MT for previous FY 2022-23.**
- (f) : The Plant Load Factor (PLF) of Coal/Lignite based power plants of capacity 25 Mega Watt (MW) and above during the year 2022-23 was 64.15%. In 2023-24, the demand for electricity has increased and power plants are generating the electricity as per schedule given to them. The PLF for Coal/Lignite based power plants in FY 2023-24 (up to June 2023) is around 70.02%.**

ANNEXURE-I**ANNEXURE REFERRED IN REPLY TO PART (d) OF UNSTARRED QUESTION
NO. 1292 ANSWERED IN THE LOK SABHA ON 27.07.2023**

Loans Sanctioned by REC for procurement of Coal

Sl. No.	State	Utility	Loan Sanctioned (Rs. Cr.)	Loan Disbursed (Rs. Cr.)
1.	Maharashtra	Maharashtra State Power Generation Company Limited (MSPGCL)	1800	1800
2.	Rajasthan	Rajasthan Rajya Vidyut Utpadan Nigam Limited (RRVUNL)	1500	1000
3.	Punjab	Punjab State Power Corporation Limited (PSPCL)	400	400
4.	Haryana	Haryana Power Generation Corporation Limited (HPGCL)	1000	810
5.	Karnataka	Karnataka Power Corporation Limited (KPCL)	2500	2000
6.	West Bengal	West Bengal Power Development Corporation Ltd. (WBPDC)	3612.5	812.5
7.	West Bengal	Durgapur Projects Limited (DPL)	300	300
Total			11112.5	7122.5

ANNEXURE-II**ANNEXURE REFERRED IN REPLY TO PART (d) OF UNSTARRED QUESTION
NO. 1292 ANSWERED IN THE LOK SABHA ON 27.07.2023**

Loans Sanctioned by PFC for procurement of coal

Sl. No.	State	Utility	Loan Sanctioned (Rs. Cr.)	Loan Disbursed (Rs. Cr.)
8.	Maharashtra	Maharashtra State Power Generation Company Limited (MSPGCL)	2749	2749
9.	Rajasthan	Rajasthan Rajya Vidyut Utpadan Nigam Limited (RRVUNL)	500	500
10.	Punjab	Punjab State Power Corporation Limited (PSPCL)	400	400
11.	Haryana	Haryana Power Generation Corporation Limited (HPGCL)	1000	500
12.	Karnataka	Karnataka Power Corporation Limited (KPCL)	1500	1500
13.	West Bengal	West Bengal Power Development Corporation Ltd. (WBPDCCL)	563	200
Total			6712	5849

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.2006
ANSWERED ON 14.12.2023**

ESTABLISHMENT OF PFC AND REC

**†2006. SHRI GAJANAN KIRTIKAR:
SHRI KRUPAL BALAJI TUMANE:**

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

- (a) the year in which Power Finance Corporation (PFC) and Rural Electrification Corporation (REC) were established;**
- (b) the objectives behind establishment of PFC and REC along with the share of the Government in PFC and REC;**
- (c) the year in which the objective of PFC and REC was converted into the financing of power utilisation equipment for irrigation projects;**
- (d) the number of States which have received financing from PFC and REC for irrigation projects, State/UT-wise;**
- (e) whether transparent tender process in the financed irrigation projects is being done by PFC and REC; and**
- (f) if so, the details of agencies executing the work through funds sanctioned by PFC and REC?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) : Power Finance Corporation (PFC) Limited was established on 16.07.1986 and REC Ltd. (formerly known as Rural Electrification Corporation Limited) was established on 25.07.1969.

(b) : The objectives behind establishing PFC Ltd. and REC Ltd. are furnished at Annexure-I and Annexure-II respectively. The Government of India holds 55.99% stake in PFC Ltd. The Government does not hold any stake in REC Ltd., however, PFC Ltd. holds 52.63% stake in the REC Ltd.

.....2.

(c) : A robust infrastructure across different sectors was critical to India's journey to become a strong economy. Focused intervention and large capital infusion were required for the paradigm shift of the infrastructure sector. While PFC was incorporated as a financial institution to exclusively fund the Power sector, REC was created to energize and finance the rural sector particularly the agricultural pump sets for optimized irrigation to reduce dependency of agriculture on monsoon. The Government of India allowed PFC Ltd. and REC Ltd. to expand their lending portfolio to other infrastructure sectors; including of Electromechanical [EM] systems, stand-alone or that are part of large projects, e.g. Projects of Lift irrigation, sewage treatment plants, smart city project, electrification of Railway line etc. The Object Clause of PFC Ltd. was amended on 13.07.2020 and that of REC Ltd. was amended on 24.03.2021 to permit the above.

(d) : Two States-Andhra Pradesh and Telangana have received funding for the specific portion of irrigation projects both from PFC Ltd. and REC Ltd. In addition to the above, REC Ltd. has released funds to the State of Kerala also.

(e) : PFC Ltd. and REC Ltd. are Non-Banking Financial Companies (NBFCs) engaged in lending operations and recoveries of their loans and do not exercise oversight or manage the Tendering processes, which is carried out by the Project companies (borrowers), in terms of their applicable State Government norms. However, PFC Ltd. and REC Ltd. are expected to exercise due diligence to ensure that costs are prudent.

(f) : The details of the agencies executing the work from the funds sanctioned by PFC Ltd. and REC Ltd. are given at Annexure-III and Annexure-IV respectively.

**ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED
QUESTION NO. 2006 ANSWERED IN THE LOK SABHA ON 14.12.2023**

Main Objectives to establish PFC are given below:

- (i) To finance power projects, particularly thermal and hydro-electrical projects.**
- (ii) To finance the renovation and modernisation of power plants aimed at improving the availability and performance of such plants.**
- (iii) To finance system improvement and energy conservation schemes.**
- (iv) To finance maintenance and repair of capital equipment including facilities for the repair of such equipment, training of engineers and other personnel employed in generation, transmission and distribution of power.**
- (v) To finance surveys and investigations of power projects.**
- (vi) To finance studies, schemes, experiments and research activities associated with various aspects of technology in power development and supply.**
- (vii) To finance promotion and development of other energy sources including alternate and renewable energy sources.**
- (viii) To lend up to a ceiling of 30% of outstanding loan book of the Company, to the logistic and non-power infrastructure sectors subject to the condition that for every financial year 2/3rd of new sanctions or 66% sanctions should be for power & Green Energy Projects only.**

**ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED
QUESTION NO. 2006 ANSWERED IN THE LOK SABHA ON 14.12.2023**

Main Objectives to establish REC are given below:

- (i) To finance rural electrification schemes in the country. Subsequently the mandate of REC was expanded to include financing of all power projects including Generation, Transmission and Distribution.**
- (ii) To administer the amounts received from time to time from the Government of India and other sources such as grants for the purpose of financing rural electrification in the country.**
- (iii) To promote and finance rural electric cooperatives in the country;**
- (iv) To subscribe to special rural electrification bonds that may be issued by the State Electricity Boards on conditions to be stipulated from time to time;**
- (v) Further, objects incidental to attainment of main object permits the works for lift irrigation from rivers and for irrigation for development of sugarcane, tobacco, tea-gardens, other crops and other rural uses.**
- (vi) In addition to above, the objects clause was amended in year 2008 to include various activities having linkage with power projects, such as development of coal and other mining activities for use as fuel in power projects, development of other fuel supply arrangement for the power sector and to meet other enabling infrastructure facilities that may be required for speedy and effective development of power sector.**
- (vii) To lend up to a ceiling of 30% of outstanding loan book of the Company, to the logistic and non-power infrastructure sectors subject to the condition that for every financial year 2/3rd of new sanctions or 66% sanctions should be for power & Green Energy Projects only.**

ANNEXURE-III**ANNEXURE REFERRED TO IN REPLY TO PART (f) OF UNSTARRED QUESTION NO. 2006 ANSWERED IN THE LOK SABHA ON 14.12.2023**

The details of the agencies executing the work from the funds sanctioned by PFC Ltd. :-

1. Kaleshwaram Project: Implementing Agency (Kaleshwaram Irrigation Project Corporation Ltd.)

Package	Name of the Contractor
Package 6 (tunnel/canals from Sripada Yellampally Reserovir to Medaram Tank, Pump House and Associated works)	M/s. NAVAYUGA-PATEL-BHEL (Consortium)
Package 8 (tunnel/canals from Medaram Tank to Midmainair reservoir, Pump House and Associated works)	M/s. MEIL-SEW-MAYTAS-BHEL (Consortium)
Package 9 (tunnel/canals from Midmainair reservoir to Upper Manair Reservoir, Malkapet Reservoir, Pump House and Associated works)	M/s. IVRCL-BATPASCO-WPIL-MHI (JV)
Package 10 (tunnel/canals from Midmainair reservoir to Anantagiri Reservoir, Pump House and Associated works)	M/s. HCC-MEIL-BHEL (JV)
Package 11 (tunnel/canals from Anantagiri Reservoir to Sri Ranganayaka Sagar, Pump House and Associated works)	M/s. SEW-MEIL-BHEL (JV)
Package 12 (tunnel/canals from Sri Ranganayaka Sagar to Sri Komaravelly Mallana Sagar Reservoir, Pump House and Associated works)	M/s. MEIL-SEW-ABB-AAG(JV)
Package 14 (canal upto Konda Pochamma Reservoir, Pump House and associated works)	M/s. Megha Engineering Infrastructure Ltd
Package 20 (tunnel/canals from SRSP Foreshore to Masani Tank, Pump House and Associated works)	M/s. IVRCL-BATPASCOP-WPIL-MHI(JV)
Package 21 (tunnel/canals from Masani Tankto Kondem Cheruvu, Pump House and Associated works)	M/s. NAVAYUGA-AAG-ABB(JV)
Package 22 (tunnel/canals from Kondem Cheruvu to Bhumapally Reservoir, Pump House and Associated works)	M/s. SCL-INDU-KBL-WEG(JV)
Package 27 (tunnel/canals from Kondem Cheruvu to Bhumapally Reservoir ,Pump House and Associated works)	M/s. SUSHEE-ZVS-FLOWMORE(JV)
Package 28 (Canal System from Sriram Sagar to Hangarga Village Village)	M/s. MEIL-ZPS-PVSRSN-ITT(Consortium)
Package 21A (Pressurized Pipe System)	M/s. MEIL-HES (JV)
Medigadda Barrage	M/s. L&T PES (JV)

Medigadda Lift	M/s. MEIL NCC (JV)
Annaram Barrage	M/s. AFCONS VIJETA PES
Annaram Lift	M/s. Megha Engineering Infrastructure Limited, HYD
Sundilla Barrage	M/s. NAVAYUGA GMW (JV)
Sundilla Lift	M/s. Megha Engineering Infrastructure Limited, HYD

2. Palamuru Rangareddy Lift Irrigation Project: Implementing Agency (Kaleshwaram Irrigation Project Corporation Ltd.)

Package	Name of the Contractor
Package 1 Pump House at Narlapur and associated work	M/s Navayuga Engineering Company Ltd.,
Package 5 Pump House at Yedula and associated works	M/s MEIL-BHEL (JV)
Package 8 Pump House at Vатtem and associated works	M/s MEIL-BHEL (JV)
Package 16 Pump House at Udandapur and associated works	M/s Navayuga - RVR (JV)
Substation and Transmission lines	TSTRANSCO

3. Rayalseema Drought Mitigation Project:

Implementing Agency: Andhra Pradesh Rayalseema Drought Mitigation Projects Development Corporation Limited

Sl. No.	Project work	Name of the Contractor
1.	Rayalaseema Lift Scheme to draw and utilize 3 TMC per day from Sangameswaram to SRMC at Km 4 from Pothireddypadu Head Regulator	M/s SPML- NCC- MEIL (JV)
2.	Formation of Rajoli Reservoir across Kundu River on upstream side of existing Rajoli Anicut for a total storage capacity of 2.95 TMC of water	M/s MRKR- RITHWIK (JV), HYD
3.	Construction of Joladarasi Reservoir with 0.80 TMC capacity across Kundu River at Joladarasi (V), Koilakuntla (M), Kurnool Dist.	M/s MRKR- RITHWIK (JV), HYD
4.	Improvements of GNSS FFC : Widening of GNSS FFC from Owk Reservoir to Gandikota Reservoir	M/s MRKR Constructions & Industries Pvt Ltd, Hyderabad
5.	Additional Gandikota Tunnel to carry 10,000 cusecs for feeding to Gandikota reservoir.	
6.	Errabali Lift Irrigation Scheme to supplement UCIL affected villages including Formation Reservoir at Giddangivaripalli	
7.	Kundu Lift Irrigation scheme	M/s Megha Engineering Infrastructures Ltd, Hyderabad
8.	Upgradation of Gandikota CBR Lifts & GandikotaPaidipalem Lift Scheme	

9.	Development of Micro Irrigation under PBC, CBR Right Canal and GLI Systems	
10.	GNSS to HNSS Lift Irrigation Scheme	M/s PLR Projects Private limited, &Navayuga Engineering Company Limited (JV), Hyderabad
11.	Package-I : Improvements of HNSS Main canal from -4.806 Km to 88.00 Km	M/s Megha Engineering Infrastructures Ltd, Hyderabad
12.	Package-2 : Improvements of HNSS Main canal from 88.00 Km to 216.3 Km	M/s DSR-VPR Joint Venture
13.	Enhancing the carrying capacity of Punganuru Branch Canal under HNSS P-II to feed upto Kuppam including irrigation network	M/s NCCL
14.	Formation of three balancing reservoirs near Mudivedu, Netiguttapalli and Avulapalli	M/s NECL-RRCIPL (Joint Venture), Hyderabad,
15.	Widening of Somasila Kandaleru Flood Flow Canal (SKFF)	M/s VPR-GDR-MRGR (JV)
16.	Improvements to GKN Canal from Somasila to feed Rallapadu Reservoir	VPR-GDR-MRGR (JV) Hyd Pvt Ltd
17.	Improvements to GNSS Canal from Km.0.00 to Km.56.00	M/S SLR Infra Pvt. Ltd, Hyderabad, M/S PLR Projects Pvt
18.	Alavalapadu Lift Irrigation Scheme	M/S SLR Infra Pvt. Ltd, Hyderabad
19.	Galivedu Lift Irrigation Scheme	M/S KCCL- NAR Joint venture, Hyderabad

ANNEXURE-IV**ANNEXURE REFERRED TO IN REPLY TO PART (f) OF UNSTARRED QUESTION NO. 2006 ANSWERED IN THE LOK SABHA ON 14.12.2023*************The details of the agencies executing the work from the funds sanctioned by REC Ltd. :-**

Sl. No.	Project Name	Agencies executing the works
Andhra Pradesh		
1.	Chintalapudi Lift irrigation scheme	Package - 1: M/s MEIL - Gayatri - ZVS - ITT - Consortium Ltd. Package - 2: M/s Gayatri Projects Ltd. Package - 3: M/s MEIL Package - 4: M/s NEC - RVR (JV), Hyderabad
2.	Kondaveetivagu Lift scheme - Flood relief Scheme	M/s. MEIL, Hyderabad
3.	Purushottapatnam Lift irrigation scheme	M/s. MEIL, Hyderabad
4.	Interlinking of Godavari-Penna Rivers Phase 1 Project	M/s MEIL & RVR
Telangana		
1.	Indiramma Flood Flow Canal (IFFC)	M/s Navayuga Engineering Company Limited; M/s MEIL-RATNA-KBL (JV), M/s Megha Engineering & Infrastructures Ltd.; M/s Integrated Engineering; TS TRANSCO
2.	Sita Rama Lift Irrigation Project	M/s Megha Engineering & Infrastructures Ltd; M/s NCC-PRATHIMA-AMRUTHA(JV); M/s SDC-KAVERI TS TRANSCO
3.	PV Narasimha Rao - Kanthanapally Sujala Sravanthi scheme at Thupakulagudem	M/s SEW-RITHWIK (JV), Hyderabad

	J. Chokkarao – Devadula Lift Irrigation project	M/s. Coastal Projects Pvt. Ltd., Patel
4.	Already executed E&M works under Devadula& Other works	Engineering Ltd., Jyoti Ltd., CBE Consortium; M/s. HCC SEW-MEIL-AAG(JV); M/s.NCC-MEIL-ZVS-SIGMA Consortium; M/s.MEIL-PRASD-KBL (JV); M/s. Megha Engineering & Infrastructures Limited TS TRANSCO
5.	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 SripadaYellampally Project (SYP) to Mid Mannair Reservoir under Link 2	M/s MEIL, Hyderabad TS TRANSCO
6.	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	M/s MEIL-NCC (JV); M/s Megha Engineering & Infrastructures Ltd
7.	E&M, H&M and associated Civil worksFor lifting of additional 1 TMC water per day from Mid Manair Reservoir to Sri Komaravelli Mallana Sagar Reservoir under Link-4	M/s Pratima-NCC-NECL (JV); M/s Megha Engineering & Infrastructures Ltd.; M/s KNR-NAVAYUGA-NCC (JV)
Kerala		
1.	Electrical, Electro-Mechanical, Hydro system & Pumping station works under 12 no. irrigation projects in various districts of Kerala	Kerala Irrigation Infrastructure Development Corporation Ltd (KIIDC)
2.	Electrical, Electro-mechanical, Pumping station and Hydro systems works under 38 no. water pumping station/ water supply projects in various districts of Kerala	Kerala Water Authority (KWA)
