अनिल कुमार जैन, मा॰प्र॰से॰ सचिव ANIL KUMAR JAIN, IAS SECRETARY

Tel.: 23384884 Fax : 23381678 E-mail : secy.moc@nic.in

H0111/1/2019-Coord.



मारत सरकार
GOVERNMENT OF INDIA
कोयला मंत्रालय
MINISTRY OF COAL
शास्त्री भवन, नई दिल्ली–110 001
SHASTRI BHAWAN, NEW DELHI-110 001
www. coal.gov.in

13th November, 2019

Dear Sin

I am enclosing herewith the monthly report in respect of Ministry of Coal for the month of October, 2019:

- Overall coal production of CIL was 39.4 MT as compared to 49.8 MT of the corresponding month of last year.
- Overall coal off take of CIL was 40.5 MT as compared to 50.0 MT of corresponding month of last year.
- Coal dispatch by CIL to Power Sector was 33.8 MT as compared to 41.9 MT of corresponding month of last year.
- Outstanding dues payable by Power Sector to CIL as on 31.10.2019 were Rs. 9095.33 crore.

Encl: As above

with regardy

Yours sincerely,

l Kumar Jain)

Shri Rajiv Gauba,
Cabinet Secretary,

Cabinet Secretariat, Rashtrapati Bhawan,

New Delhi

REPORT OF THE MINISTRY OF COAL FOR THE MONTH OF OCTOBER, 2019

| S N | Significant inputs | | | | Status | | | |
|--------|--------------------------------------|---|---|--|--|--|--|---|
| 1. | Important policy decisions taken and | (a) Initiatives be | eing taken in rega | rd to de-allocated | coal block | | | |
| | major achievements during the month | evaluated by Meeting take achieved PRO which can be Provisional PCM (SP) Act Revenue durit Crore. Previous Apand Minerals Meral and Tale Previous Apsection 5 (1) accorded in the Coal Cocoal blocks for production of | Technical Evaluate on by Secretary (C), mines which of come operational troduction in the n, 2015. Ing the month of C proval of the Cen of (Development andicherla-I. Proval / Relaxation (P) & Section 6(1) respect of 04 coal introller Organizate or the month of C of those coal blocks or Extn. (1.689 M | tion Committee in Coal) on 17.10.20 btained Mine Oper in FY 2019-20. month of October, 2019 from tral Government of Regulation) Acon in area limits of the Mines and mines namely Raji ion has reported to October, 2019 is 3 s which have not b | its meetings held 19 with alloatted ning Permission 2019 is 2.32 Mill on the mines allo for grant of mini- et, 1957 was acc of the Central Go I Minerals (Devi bar E&D, Dip-sic hat the total pro- .973 Million To- een cancelled by | d on 17.10.2 es of coal abut coal properties of coal abut coal properties of coal abut coal properties of cated under the coal abut coal | 2019 and mine unconduction from the er CM (SI ander Sect espect of for grant and Regular pharpur, Second from the following fro | on of coal mine were 23.10.2019. Her production but not not started and mines mines allocated under P) Act, 2015 is 169.02 him of (1) of the Mines 02 coal mines namely of mining lease under lation) Act, 1957 was duliyari and Patal East. In the allocated captive which aggregate coal me court viz. Moher & MT) is 2.429 Million |
| | | | Land acquired under CBA (A&D) Act, 1957 | | | | | |
| | | Sl. No. | | Notification issued | d | | | Remarks |
| | | i.e. Kal | | Act, 1957 two no Distt. Jharkhand a Angul, Odisha. | | | | Ha. land intention pecting to coal. |
| | | i.e. PV | | Act, 1957 one no anahardih Coal bl | | | 1042.73 acquire | Ha. intention to d the land. |
| | | i.e. Inc | |) Act, 1957 one no expansion mine, W | | | 71.77 H WCL. | Ha. land vested with |
| | | • Details of co 2019: | ompensation and e | employment agains | st acquired land | by CIL and | l its subs | idiaries as on October, |
| | | Subsidiaries of CIL | Total compensation amount paid during the last month to the tenancy land(Rs. in crore) | Area of Tenancy land for which compensation amount paid during the last month (In Ha.) | Nos. of Employment provided during the last month | No. of p whom or monetary compens paid in employed during t month | ne time y ation lieu of nent | Total amount incurred during the last month as one – time monetary compensation in lieu of employment(In crore) |
| | | ECL | 1.077 | 1.330 | 8 | 7 | | 2.570 |
| | | BCCL | 0 | 0 | 0 | 0 | | 0.000 |
| | | CCL | 0.025 | 0.112 | 16 | 0 | | 0.000 |
| | | NCL | 0 | 0 | 0 | 0 | | 0.000 |
| | | WCL | 8.750 | 36.950 | 88 | 0 | | 0.000 |
| | | SECL | 12,840 | 42.560 | 3 | 8 | | 0.697 |

| MCL | 25.210 | 18.610 | 33 | 3 | 33.000 |
|-------|--------|--------|-----|----|--------|
| Total | 47.902 | 99.562 | 148 | 18 | 36.267 |

(b) Performance of NLC India Limited in October, 2019

| | Unit | Octobe | er 2019 | October 2018 | % Variat | tion wrt | April 19 October 1 | | April 18 October 18 | | riation rt |
|--------------------------|--------|---------|---------|-----------------|---------------------|------------------|-----------------------|----------|---------------------------|-----------------------|------------------------|
| | | Target | Actual | Actual | Col 4 / Col 3 | Col 4 / Col 5 | Target | Actual | Actual | Col. 9 / Col. 8 | Col. 9 / Col. 10 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Overburden | LM^3 | 117.50 | 114.45 | 130.20 | -2.60 | -12.10 | 1050.50 | 957.60 | 995.93 | -8.84 | -3.85 |
| Lignite | LT | 19.17 | 22.46 | 18.02 | 17.16 | 24.64 | 131.43 | 127.83 | 117.43 | -2.74 | 8.86 |
| Power Gross From | | | | | | | | | | | |
| TPS | MU | 1791.00 | 1774.79 | 1762.26 | -0.91 | 0.71 | 12072.00 | 11440.30 | 11109.35 | -5.23 | 2.98 |
| Wind Power Plant | MU | 10.81 | 2.02 | 1.45 | -81.31 | 39.31 | 123.05 | 78.34 | 108.45 | 0.48 | -4.70 |
| Solar Power Plant | MU | 93.19 | 105.51 | 38.58 | 13.22 | 173.48 | 639.27 | 695.81 | 241.04 | 8.84 | 188.67 |
| Grand Total Gross | MU | 1895.00 | 1882.32 | 1802.29 | -0.67 | 4.44 | 12834.32 | 12214.45 | 11458.84 | -4.83 | 6.59 |
| Power Export From | | | | | | | | | | | |
| TPS | MU | 1541.00 | 1506.86 | 1492.00 | -2.22 | 1.00 | 10322.00 | 9661.36 | 9309.31 | -6.40 | 3.78 |
| Wind Power Plant | MU | 10.81 | 1.86 | 1.32 | -82.79 | 40.91 | 120.57 | 75.96 | 98.46 | 37.00 | -22.85 |
| Solar Power Plant | MU | 93.15 | 105.40 | 38.41 | 13.15 | 174.41 | 638.65 | 694.89 | 240.81 | 8.81 | 188.56 |
| Grand Total Export | MU | 1644.96 | 1614.12 | 1531.73 | -1.87 | 5.38 | 11081.22 | 10432.21 | 9648.58 | -5.86 | 8.12 |

(c) Monthly and progressive Plan Expenditure of Coal Companies for and upto the month of October, 2019.

(Rs. in Crores)

| Company | Total Plan Outlay (BE) for the year 2019-20 (Provisional) | Target Expenditure Oct,2019 | Actual Expenditure Oct, 2019 (Prov.) | % of Actual Expenditure to plan outlay for the month of Oct, 2019 | Target of Cumulative Expenditure upto Oct, 2019 | Cumulative Expenditure Upto the Month of Oct, 2019 (Prov.) | % of Actual Cumulative Expenditure to Plan outlay upto Oct,2019 |
|---------|---|-----------------------------------|---|---|---|--|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| CIL | 10000.00 | 714.83 | 613.35 | 85.80 | 2806.84 | 2080.13 | 74.11 |
| SCCL | 1850.00 | 185.00 | 220.33 | 119.10 | 832.50 | 741.12 | 89.02 |
| NLCIL | 8271.00 | 614.55 | 524.06 | 85.28 | 5118.24 | 4194.30 | 81.95 |
| Total | 20121.00 | 1514.38 | 1357.74 | 89.66 | 8757.58 | 7015.55 | 80.11 |

(d) COAL PRODUCTION

(Figs. In MT)

| Company | October, | October, | % | April- | April- October, | % |
|---------|----------|----------|--------|---------------|-----------------|--------|
| | 2019 | 2018 | Growth | October, 2019 | 2018 | Growth |
| CIL | 39.4 | 49.8 | -21.0% | 280.4 | 306.2 | -8.5% |
| SCCL | 5.1 | 5.3 | -4.0% | 35.6 | 33.8 | 5.4% |

(e) OVERALL OFFTAKE

| Company | October, | October, | % | April- | April- October, | % |
|---------|----------|----------|--------|---------------|-----------------|--------|
| | 2019 | 2018 | Growth | October, 2019 | 2018 | Growth |
| CIL | 40.5 | 50.0 | -18.9% | 316.3 | 340.8 | -7.2% |
| SCCL | 4.9 | 5.9 | -16.7% | 35.4 | 36.9 | -4.1% |

(f) COAL DESPATCH TO POWER (COAL AND COAL PRODUCTS)

| Company | October, | October, | % | April- | April- October, | % |
|---------|----------|----------|--------|---------------|-----------------|--------|
| | 2019 | 2018 | Growth | October, 2019 | 2018 | Growth |
| CIL | 33.8 | 41.9 | -19.4% | 253.0 | 276.8 | -8.6% |
| SCCL | 4.2 | 4.8 | -12.1% | 29.8 | 30.2 | -1.1% |

Outstanding Dues: - The outstanding dues payable by Power Sector to CIL as on 31.10.2019 was Rs. 9095.33 crore.

(g) SPOT E-AUCTION OF COAL

| Company | Coal Qty. | Coal Qty. | Increase | Coal Qty. | Coal Qty. | Increase |
|---------|------------|-----------|---------------|--------------|-----------|---------------|
| | Allocated | Allocated | over notified | Allocated | Allocated | over notified |
| | Oct., 2019 | Oct.,2018 | price | April- Oct., | April- | price |
| | | | _ | 2019 | Oct.,2018 | |
| CIL | 1.35 | 0.16 | 62% | 12.60 | 17.84 | 67% |

(h) SPECIAL FORWARD E-AUCTION FOR POWER

| Company | Coal Qty. Allocated Oct., 2019 | Coal Qty. Allocated Oct., 2018 | Increase over notified price | Coal Qty. Allocated April- Oct., 2019 | Coal Qty. Allocated April- Oct., 2018 | Increase over notified price |
|---------|--------------------------------------|--------------------------------------|------------------------------------|---------------------------------------|--|------------------------------------|
| | | | | | | |
| CIL | 1.97 | 0.00 | 39% | 12.90 | 20.38 | 32% |

(i) EXCLUSIVE E-AUCTION FOR NON-POWER

| Company | Coal Qty. | Coal Qty. | Increase | Coal Qty. | Coal Qty. | Increase |
|---------|------------|------------|---------------|--------------|--------------|---------------|
| | Allocated | Allocated | over notified | Allocated | Allocated | over notified |
| | Oct., 2019 | Oct., 2018 | price | April- Oct., | April- Oct., | price |
| | | | | 2019 | 2018 | |
| CIL | 2.53 | 0.00 | 32% | 4.84 | 7.30 | 32% |

(j) SPECIAL SPOT E-AUCTION

| Company | Coal Qty. Allocated Oct., 2019 | Coal Qty. Allocated Oct., 2018 | Increase over notified price | Coal Qty. Allocated April- Oct., 2019 | Coal Qty. Allocated April- Oct., 2018 | Increase over notified price |
|---------|--------------------------------------|--------------------------------------|------------------------------------|--|--|------------------------------------|
| CIL | - | | - | 0.66 | 0.50 | 30% |

(k) Action Plan and Progress on implementation of Power Sector Linkage Policy dated 22.05.2017

| Sl. No. | Activity | Timeline/Status |
|---------|---|---|
| A(i) | Sign FSA with pending LoA | Clearance given to Coal India Limited to sign FSA with 10 |
| | holders | LoA Holders having total commissioned capacity of 6550 |
| | | MW. |
| B(i) | Linkages to State/Central PSUs | As on date, 20 TPPs have been granted linkage for a total |
| | | capacity of 23360 MW. |
| (ii) | Linkages for IPPs having PPA based on domestic coal | • First round of Linkage auction conducted from 11 th to 13 th September, 2017. |
| | | Out of the maximum Allocable Quantity of 27.18 MT, almost all the allocable quantity was booked. Linkage booked by 10 plants of 9044 MW capacity. |
| | | • FSAs have been executed with all the successful bidders. |

| 1 | | 1 |
|-----------------|---|--|
| | Amended B (ii) (i) | • 2 nd round of SHAKTI B (ii) linkage auction has been concluded on 24.05.2019. During this second round, quantity of 2.97 MTPA has been booked by 8 bidders for a total capacity of 874.9 MW. The same has been approved by the Board of CIL. Letters of linkages to coal companies with copies to successful bidders has been issued. Issuance of LoI by the coal companies to the successful bidders is under process for culmination into FSA/Coal Supply. |
| | Amended B (ii) (ii) | To be done in future auctions at a later stage after benchmarking discount. To decide the next course of action under SHAKTI B (ii), meetings of the IMC have been held on 06.09.2019, 16.09.2019, 14.10.2019 & 17.10.2019. The recommendations of the IMC in its meeting dated 17.10.2019 are under submission. |
| (ii | | Coal India Limited vide letters dated 19.08.2019, reminder e. mail dated 28.08.2019 and another reminder letter dated 10.09.2019 have requested Ministry of Power for clarification on eligibility for participation in B (iii). Coal India Limited has informed that after receiving such clarification, the process for conducting auction shall be rolled out. |
| (i [°] | v) Earmarking Linkages to States for fresh PPAs | Coal linkage granted from Coal India Limited for the States of Gujarat, Uttar Pradesh and Madhya Pradesh for a capacity of 4000 MW, 1600 MW and 2640 MW respectively. |
| | | Coal India Limited vide its letter's dated 09.09.2019 addressed to Government of Gujarat, Government of Uttar Pradesh and Government of Madhya Pradesh have indicated the coal availability position and terms & conditions for coal supply under B (iv). Government of Gujarat have also been requested to confirm the coal requirement of 19.72 MT under B (iv) in view of the information gathered by Coal India Limited that Government of Gujarat is contemplating to use only renewable energy instead of thermal energy to meet their growing demand. |
| | | Coal India Limited has informed that SBI Capitals Limited is in the process of developing model documents for the above. |
| (v | Power aggregate of group of States | Methodology under B (v) is to be formulated by Ministry of Power. Coal linkage granted from Coal India Limited for a capacity |
| | | of 2500 MW. Coal India Limited vide its letter dated 11.09.2019 have informed Ministry of Power about the coal sources alongwith the grades of coal which may be offered under B (v) of SHAKTI Policy. |
| (V | UMPP | SBD under formulation by Ministry of Power. |
| | Linkages to IPPs having PPA based on imported coal. | IMC submitted its recommendation. |
| | (a) Short term linkage coal | Methodology to be formulated by Ministry of Power under Para B (viii) (a). Ministry of Power had circulated the draft methodology |
| | • | <u>-</u> |

| | | (b) Coal supply in termination of PPA payment default by DI (c) Aggregation of Nodal Agency under for a group of S without requisition. (d) PSU to act as an of Power (e) Mechanism servicing of debt | As due to DISCOMs Comments of Coal India Limited on the draft methodology has been forwarded to Ministry of Power vide O.M dated 04.09.2019. Ministry of Power vide O.M dated 30.08.2019 has communicated the adequate safeguards which may be considered. No action required from Ministry of Coal. An appropriate methodology has to be issued by Ministry of Power. Vide O. M dated 17.05.2019 and subsequent reminder dated 29.05.2019, Ministry of | | | |
|-----------|--|---|--|--|--|--|
| | | (I) <u>Promotional Drilling:</u> A programme of Promotional/NMET (Regional) drilling comprising 1.18 lakh meters in coal and 0.35 lakh meters in lignite has been drawn up in Annual Plan 2019-20 of CMPDI. The programme is under execution by MECL, DGMs of Nagaland & Assam and CMPDI. As against this, the achievement of drilling upto the month of October, 2019 is 0.80 lakh metre, against the target of 0.75 lakh metre, which is 106% of the target and registering a growth of 17% over the same period last year. (m) <u>Overall Progress of Detailed Drilling in 2019-20:</u> For 2019-20, a target of 14.00 lakh metre of drilling (Departmental: 5.05 lakh metre, Outsourcing: 8.95 lakh metre) has been envisaged. As against this, 6.48 lakh metre of drilling has been carried out upto the month of October, 2019 against the target of 6.49 lakh metre, | | | | |
| 2. | Important policy matters held up on account of prolonged inter- Ministerial consultations Compliance of CoS | which is 100% of the target. NIL | | | | |
| decisions | | No. of CoS decisions pending for compliance Issues pertaining to Jharia and Raniganj Action Plan for Fire and Subsidence. CoS decisions 1. Govt. of West Bengal may examine the possibility of taking up housing under rehabilitation in multistoreyed pattern in urban areas and a suitable configuration in rural areas to economies the requirement of land. | ADDA had completed Demographic survey. As per the Demographic survey report, 375 acres land would be needed for shifting of around 30,000 families as communicated by ADDA. It has been further informed by ADDA that so far 178.38 acres (68.07 acres WB Govt. vested land, 30.81 acres ECL land and 79.50 acres BAPL land) land has been identified. Total 12,976 no of flats (in line with G+3 model) in 811 Blocks were proposed in the DPR prepared by Housing Department, Govt. of WB for which construction works had been started at all the sites (except one mouza at Namokeshia where construction activity has been suspended temporarily from Aug. 2018 due to resistance/ agitation of local people) as informed by Housing Deptt., Govt. of WB. Present Status of Construction of flats are mentioned bellow: | | | |

- i).Construction of 160 nos. of flats (10 blocks) at Bijoynagar mouza in 1st phase was started from 10.03.2017.It has been communicated by Housing Department, Govt. of WB that process for handing over the flats to ADDA authority has already been initiated. It has been further informed by Housing Department, Govt. of WB that Pubic Health Department, Govt. of WB has been requested to augment water supply to the flats.
- ii).At mouza Bijoynagar construction of 1632 nos. of flats (102 blocks) are under way against the provision of 124 blocks as per DPR.
- iii). At mouza Daskeary, JL No. 02 construction of 528 nos. of flats (33 blocks) are under way against the provision of 1040 nos. of flats (65 blocks) as per DPR.
- iv). At mouza Daskeary, JL No. 03 construction of 1472 nos. of flats (92 blocks) are under way against the provision of 2224 nos. of flats (139 blocks) as per DPR.
- v). At mouza Dakshinkhanda construction of 4384 nos. of flats (274 blocks) are under way against the provision of 5664 nos. of flats (354 blocks) as per DPR.
- vi). Construction of 1904 nos. of flats (119 blocks) at mouza Namokeshia could not be started due to agitation of local Adivasi people.

In total out of the proposed 12,976 nos. of flats (811 blocks, each block comprising of 16 flats) as per DPR, constructions of 8176 nos. of flats (511 blocks) are underway as on date as per information of Housing Department, Govt. of WB.

- **2.** M/o Coal may examine the request of G/o Jharkhand to entrust the work of construction of dwelling units for rehabilitation to a suitable Central PSU.
- **3.** Govt. of Jharkhand may expedite the shifting of R.S.P. College, Jharia to a suitable location.
- **2.** Negotiation with CPWD & NBCC is in process. CPWD has already been provided technical details /requirement and land details by JRDA
- 3. As per letter by Ministry of Coal with reference no. 43022/11/2018-LA&IR dated 23.01.2019, Ministry of Coal & Railway have approved for shifting the proposed RSP College at Old Ropeway Office and allied premises within leasehold area of Ex. Bhulan Bararee Coal Co. of BCCL, presently under Lodna Area of BCCL, in Mouza Nunudih @Gharkocha, Mouza No. 115, area 13.55 acres of vacant land by Deputy Commissioner, Dhanbad cum Managing Director, Jharia Rehabilitation and Development Authority (JRDA).

On the requirement given by JRDA BCCL has submitted a letter dated 14.9.2019 for "Permission for transfer of land and building existing within the old Ropeways premises on 13.55 acres of land in Mouza – Mouza – Bunudih (Mouza no. 115) Distt. Dhanbad for establishment of RSP College".

- 4. MoRTH may take up realignment of 300 m stretch of NH 2 in Raniganj area expeditiously and hand over the stretch to ECL.
- **4.** As per suggestion/ opinion of DG, DGMS to conduct scientific study afresh, IIT, Kharagpur was engaged for assessment of stability of the affected stretches of NH-2.
- IIT, Kharagpur has conducted image survey on 12.09.2019 through abandoned pit (South side of NH-2 under study area) and it was found that the strata separation/deformation

| | from the Transaction of Business Rules or | | | |
|----|---|--|---|--|
| 3. | in which there has been a departure | NIL | | |
| 5. | 'sanction for prosecution' pending for more than three months Particulars of cases | NIL | | |
| 4. | No. of cases of | NIL | ······································ | |
| | | region. | The railway has not handed over the stretch of affected portion to BCCL even after regular persuasion. The operation on DC railway has been resumed from 24.02.2019 on directives of Railway Board. | |
| | | modalities for financing the projects regarding re- alignment of 145.6 km of railway line in Jharia region and 20 km stretch in Raniganj | 6. Submission of FSR by RITES to JRDA and Railway Board for diversion of 137 km railway line in JCF), as indicated in the approved Master Plan a lump sum provision of Rs. 20 Crore as advance action has been kept for surveying and planning only. The detail proposal for diversion may be taken up as a separate Master Plan in future. | |
| | | | BCCL are in regular persuasion of the matter with NH division. | |
| | | | Draft lease agreement forwarded by National Highway Wing, RCD, Jharkhand yet to be finalized by MORTH, Govt. of India. | |
| | | 5. The alternative road suggested by BCCL between Godhur and Putki may be brought to proper standards and handed over to NHAI so that the corresponding section of NH 32 can be handed over by NHAI to BCCL. | BCCL requested the Executive Engineer, NH Divn. Dhanbad for inclusion of the clause (mentioned below) in the draft lease agreement submitted by NH Divn. The clause is: "The lease rent will be payable to NH Division, Dhanbad with effect from the date when physical possession free from all encumbrances and encroachment of the total land / patch in question is handed over to BCCL." | |
| | | | 5. NH-32 was not included in the approved Master Plan. However, it was decided that NHAI is required to switch over to newly constructed part between Godhur and Putki, and hand over the fire affected part to BCCL. | |
| | | | Experts of IIT. Kharagpur has conducted Electrical Resistivity survey on the unstable portion of NH-2 Bye pass road from 22.10.19 to 24.10.19 to detect underground mine workings. | |
| | | | IIT, Kharagpur in their interim study report submitted on 14.09.2019 has mentioned that no major safety risks are involved on the vehicular traffic at NH-2 in the zone and seldom any possibility of sudden abnormality/ surface subsidence beyond threshold on NH-2 operation in its present orientation. | |
| | | | extended maximum around 20 m. from immediate roof of the coal seam and upward but not so intensive to surface subsidence and notable damage on the NH-2 in the area/zone of study. | |

| | . 1 1' 1 1 1' C | T | | | | | |
|----|-----------------------|--|--|-------------------------|-------------------------------|--|--|
| | established policy of | | | | | | |
| | the Government | | | | | | |
| 6. | Status of | | | | | | |
| | implementation of | a) Implementa | tion of e-Governance in Ministry of Coal | | | | |
| | e-Governance | | | | | | |
| | | | Total No. of files | Total No. o | f e-files | | |
| | | | 22362 | 2236 | 2 | | |
| | | | | | | | |
| | | | e head initiatives to the Government's | | | | |
| | | Governance", | the status of implementation of IT initiati | ves in CIL and its subs | sidiaries as on 31.10.2019 is | | |
| | | given below:- | | | | | |
| | | | | | | | |
| | | S.No. | Name of the item | Requirement | Implementation status as | | |
| | | | | | on date | | |
| | | 1. | GPS/GPRS based Vehicle Tracking System | 8689 | 8689 | | |
| | | 2. | Electronic Surveillance by CCTV | 4037 | 3831 | | |
| | | 3. | RFID based Boom Barriers & Readers | 623 | 623 | | |
| | | 4. | Weigh Bridge Status | 922 | 894 | | |
| | | 5. | Wide Area Networking | 1269 | 1242 | | |
| | | 6. | Coal Net Implementation Status | 50 | 47 | | |
| | | | ation of IT initiatives in NLC India Ltd. As | 20.00.2010 | | | |
| | | S.No. | Name of the item | Requirement | Implementation on status | | |
| | | 5.110. | rame of the tem | Kequirement | as on date | | |
| | | 1. | GPS/GPRS based Vehicle Tracking System | As per need | 50 | | |
| | | 2. | Electronic Surveillance by CCTV | As per need | 292 | | |
| | | 3. | RFID based Boom Barriers & Readers | As per need | 7 | | |
| | | 4. | Weigh Bridge Status | As per need | 18 | | |
| | | 5. | Wide Area Networking | Nil | Implemented | | |
| | | 6. | Coal Net Implementation Status | Nil | Nil | | |
| | | | | | | | |
| | | | | | | | |
| 7. | Status of Public | | | 1 | | | |
| | Grievances | No. of | Public Grievances redressed during the | No. of Public Griev | | | |
| | | | month of October, 2019. | end of Octo | ber, 2019. | | |
| | | | 370 | 75 | 8 | | |
| | | | | | | | |
| 8. | Information on the | Three project v | were identified for the future areas of use of S | Space Technology in Cl | L | | |
| | specific steps taken | | | | | | |
| | by the | (i) Air Pollution Monitoring: CMPDI in collaboration with NRSC has taken up an R&D project for regional | | | | | |
| | Ministry/Departmen | | | | | | |
| | t for utilization of | signing an agre | eement with NRSC. It is under progress. | | | | |
| | the Space | | | | | | |
| | | Technology based tools and applications Government Development based with Capacity Building in CMPDIL for SAR interferometry towards Fire and Subsidence Mapping. CMPDI is already mapping coal mine fire with the help of thermal satellite imagery regularly since year 2012. However, collaborative project with NRSC can be initiated for aerial flying using thermal sensor which can be used to map coal mine fire more accurately. It may be mentioned that NRSC is also doing coal mine fire mapping using satellite data for BCCL (iii) Capacity Building in CMPDIL for SAR interferometry towards Fire and Subsidence Mapping. | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | Development | | | | | | |
| l | | | | | | | |
| | | ` / L | | • | 11 0 | | |
| | | Capacity build | ling in CMPDI for SAR interferometry has | | | | |
| | | Capacity build | | | | | |
