**UN Environment GEF PIR Fiscal Year 2019**

(1 July 2018 to 30 June 2019)

|  |  |  |
| --- | --- | --- |
| 1. **IDENTIFICATION**
 | GEF ID.: 9258 | Umoja no.: S1-32GFL-000616 / SB-009147 |
| Project Number + Project Title | Creating and sustaining markets for energy efficiency |
| Duration months | *Planned* | 60 months |
| *Extension(s)* |  |  |
| Division(s) Implementing the project | UN Environment, Economy Division, Energy & Climate Branch, Climate Mitigation Unit  |
| Name of co-implementing Agency  | Asian Development Bank (ADB) |
| Executing Agency(ies) | Energy Efficiency Services Limited (EESL) |
| Names of Other Project Partners | KfW |
| Project Type | Full Size Project |
| Project Scope | National  |
| Region | West Asia |
| Names of Beneficiary Countries | India |
| Programme of Work | PoW 2018-2019, Subprogramme 1 Climate Change |
| GEF Focal Area(s) | Climate Change Mitigation |
| UNDAF linkages  | India 2013-2017 UNDAF 2013-2017: Outcome 6 - Sustainable Development.  |
| Link to relevant SDG target(s) and SDG indicator(s) | The project is aligned with SDG-7: Ensure access to affordable, reliable, sustainable and modern energy for all* Target 7.3: By 2030, double the global rate of improvement in energy efficiency
* Target 7.b By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all
 |
| GEF financing amount | US$ 18,855,963* UN Environment: US$ 4,489,157
* ADB: US$ 14,366,806
 |
| Co-financing amount | US$ 434,200,000 |
| Date of CEO Endorsement | 1 June 2017 |
| Start of Implementation[[1]](#footnote-1) | * UN Environment: 15 December 2017
* ADB: 24 October 2017
 |
| Date of first disbursement | * UN Environment: 18 January 2018
* ADB: 25 April 2018
 |
| Total disbursement as of 30 June 2019 | * UN Environment: US$ 250,000
* ADB: US$ 1,355,048
 |
| Total expenditure as of 30 June 2019 | * UN Environment: US$ 183,841
* ADB: US$ 463,649
 |
| Expected Mid-Term Date | November 2020 (end date) |
| Completion Date | *Planned* | 31 December 2022 |
| *Revised* |  |
| Expected Terminal Evaluation Date | September 2023 (end date) |
| Expected Financial Closure Date | March 2024 |

1. **OVERVIEW OF PROJECT STATUS**

*To be completed by UN Environment Task Manager*

|  |  |
| --- | --- |
| **UN Environment Subprogramme(s)** Subprogramme 1 Climate Change: countries increasingly make the transition to low-emission economic development, and enhance their adaptation and resilience to climate change | **Specify the relevant Expected Accomplishment(s) & Indicator(s)**EA (b) Countries increasingly adopt and/or implement low greenhouse gas emission development strategies and invest in clean technologiesIndicator (i) Increase in the number of countries supported by UNEP that make progress in adopting and/or implementing low greenhouse gas emission development plans, strategies and/or policies Indicator (ii) Increase in climate finance invested by countries or institutions for clean energy, energy efficiency and/or amount of decarbonized assets |
| (i) The project supports India in adopting a low greenhouse gas emission development plan through scaling up of existing and new energy efficient technology applications.(ii) The project has supported the development of pipeline of energy efficiency investments in a number of appliances – Domestic Lighting, Street Lighting, Agriculture Pumps and 5 star Ceiling fans. The total investment channelled is approximately US$ 304 million. Further, the intervention has resulted in developing programmes in new technologies – Trigeneration, Super Efficient Air Conditioners, Energy Efficient Motors and Charging Stations for Electric Vehicles. A pipeline of US$ 35.5 million has been leveraged through the US$ 13 million EERF contribution from the GEF grant.  |

**For all GEF 6 and later projects:**

|  |  |
| --- | --- |
| **GEF Core Indicators** | **Indicative expected Results** |
| **Core Indicator 6 - Greenhouse gas emission mitigated** | **Direct: 10,556,082 tCO2eq (by 2022)** **37,904,820 tCO2eq (by 2032)****Indirect: 22,351,511 tCO2eq (by 2032)** |
| Core Indicator 6.2 - Emissions avoided Outside AFOLU | Direct: 10,556,082 tCO2eq (by 2022) 37,904,820 tCO2eq (by 2032)Indirect: 22,351,511 tCO2eq (by 2032) |
| Core Indicator 6.3 - Energy Saved | Direct: 137,530,085,000 MJ (by 2032)Indirect: 81,098,003,043 MJ (by 2032) |
| Considerable progress has been made in achieving the project objective of mitigating GHG emissions through deployment of energy efficient technologies. As against the target of mitigating 10.5 million tCO2 (by 2022), the physical progress achieved till June 2019 under the project would result in direct GHG emission reduction of around 24.61 million tCO2 (by 2022) which is almost 240% of the target. Similarly as against the target of 137,530,085 GJ (by 2032) ofphysical progress achieved till June 2019 under the project would result in direct energy savings of 202,647,293 GJ (by 2032). |

 *To be completed by Project Manager, as relevant*

|  |  |
| --- | --- |
| **Planned linkages with UNDAF**  | India’s UNDAF 2013-2017 includes an outcome (Outcome 6) on Sustainable Development. The document states the following: “India aims to sustain high rates of economic growth as well as accelerate poverty reduction. These are being threatened by environmental factors and energy insecurity. […]. Climate change is expected to intensify natural disasters and pose more challenges to livelihoods and habitats. UNDAF will support the Indian government to sustain its growth and development objectives in the face of these environmental challenges.”Project contribution:By implementing Energy efficiency technologies and advancing the penetration of new & innovative technologies (under component 2), the project is directly contributing to India’s UNDAF outcome 6. The penetration of these clean energy technologies will help India leapfrog to a more sustainable future while helping reduce local and global emissions. |

|  |  |
| --- | --- |
| **Planned contribution to relevant SDG target(s) and SDG indicator(s)** | The project is aligned with SDG-7: Ensure access to affordable, reliable, sustainable and modern energy for all. In particular, it serves the following targets:Target 7.3: By 2030, double the global rate of improvement in energy efficiencyTarget 7.b By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for allProject contribution: As a result of physical achievements under the project till June 2019, the project would result in direct energy savings of 202,647,293 GJ (by 2032) contributing in improvement of energy efficiency contributing to the SDG Target 7.3. Further, the technologies which are implemented under the project under its component 1 (DL, SL, CF and AgDSM) has direct impact on the beneficiaries of these technologies by improving their lifestyle and livelihoods. The project is also piloting new and innovative technologies such as S.E.AC, IE3 motors, Trigeneration and EV charging infrastructure under its component 2, which all put together contribute to the SDG Target 7.b.  |

*[complete the fiscal year and select: 1st PIR; 2nd PIR; …. Final PIR. Add more columns if needed]*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Implementation Status** | FY 2019 |  |  |  |  |
| 1st PIR |  |  |  |  |

*[complete the fiscal year in the first line; select* ***HS; S; MS; MU; U; HU; unknown; not rated*** *to rate the progress towards the development objective for the fiscal year you are reporting in the second line. Add more columns if needed]*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Development Objective Rating** | FY 2019 |  |  |  |  |
| HS |  |  |  |  |
| This is the first reporting cycle. Based on the current progress made by the project, it is very likely the project will achieve its objective, and possibly even overachieve on some of the outcomes. Component 1Considerable progress has been made in achieving the project objective of mitigating GHG emissions through deployment of energy efficient technologies. As against the target of mitigating 10.5 million tCO2(by 2022), the physical progress achieved till June 2019 under the project would result in direct GHG emission reduction of 24.61 million tCO2 *(by 2032) which is almost 240% than the target*. In terms of physical progress under component 1, the project has achieved 174.5% of the Domestic Lighting (DL) target and 331.5% of Street Lighting (SL) Target within a span of 1.5 years (well ahead than the intended target of completing the same in a span of 5 years). As far as Ceiling Fans are concerned, the achievement is 36.6% and in AgDSM the achievement is 30.1%; the progress of which are as envisaged as in the CEO endorsement document. Component 2Under component 2, there has been a change of the technologies. Smart grid (smart meters) and Super-efficient ceiling fans have been replaced by Super-efficient ACs, Energy Efficient motors and EV – public charging infrastructure. These changes were approved by PSC members during the PSC meeting held on March 25, 2019. Subsequently, EESL has floated Internationally Competitive Bidding (ICB) tenders for procuring 50,000 S.E. ACs of 1.5 TR capacity, 40,000 IE3 motors and 200 EV chargers (fast charging capabilities). Out of this within the reporting period of June 2019, bid evaluation were completed and LoA was issued in respect of S.E. AC pilot. Parallelly trigeneration pilot has also been taken up with 0.8 MW plant currently under implementation which is expected to be completed within this year end. Further, more than 20 MoUs have been signed with interested parties for implementing tri-generation in their facilities. Component 3Apart from GEF funding, the pilots under component 2 are also supported by ADB loan and EESL equity which satisfies the development objectives under component 3 as well.  |

*[complete the fiscal year in the first line; select among* ***H; S; MS; MU; U; HU; unknown; not rated*** *to rate the implementation progress in the fiscal year you are reporting in the second line. Add more columns if needed]*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Implementation Progress Rating** | FY 2019 |  |  |  |  |
| S |  |  |  |  |
| As at June 2019, the project’s implementation progress is on track with the workplan. Component 1The physical progress achieved in distributing Domestic Lights and Street Lights are more than 100%. The progress in terms of other two technologies i.e. Ceiling Fans & Agricultural Pumps are on track. Due diligence activities as described under output 1 are being undertaken as a continuous activity. Further, specific studies have also be initiated with the support of ADB and the activities are going to be completed in the coming few months.  As far as the signing agreements / MoUs are concerned in respect of Component 1 technologies, significant progress has already been achieved. During the reporting period, further contracts have also been signed. The implementation of these projects (where MoUs) are signed will increase the number of Domestic Lights and Street Lights further than what is to be achieved as per the project mandate. Further, social marketing and gender sensitive activities are being carried out as a part of the business process. Impact assessment activities have been started, especially for UJALA program. MRV activities are being initiated. Component 2Under component 2 there has been change of technologies. In spite of the change in technologies, immediately after the approval of PSC in the month of March 2019, procurement activities were initiated in respect of 3 technologies i.e. Super-Efficient Air Conditioners, IE3 Motors, EV PCIs through ICB process. Out of which LoA has been placed for supply of SE ACs and ACs are being implemented in different cities. For the other two technologies, bid evaluation were still continuing as of June 2019. Apart from these three, implementation of a 0.8 MW trigeneration plan is also ongoing. This is being implemented through an EESL subsidiary. Component 3In terms of the replication and scaling up activities, growth strategy and capacity building activity are being taken up during FY 2019 and the reports are expected in the 2nd half of 2019.  |

*[complete the fiscal year in the first line; select* ***H; S; M; L;*** *to rate the fiscal year you are reporting. Add more columns if needed]*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Risk Rating** | FY 2019 |  |  |  |  |
| L |  |  |  |  |
| At the present stage of project implementation, the project is rated at “Low” risk. All identified risks are being mitigated through measures as described at section 3.3. One emerging challenge is the slow down in the economy which may affect the demand for energy efficiency project. The project team is aware of it and is continuously monitoring the situation to identify anticipated issues and develop solutions.  |

|  |  |
| --- | --- |
| **Stakeholder engagement** | Engagement with different stakeholders are being carried out as per the CEO Endorsement document section on Stakeholder engagement. More specifically following activities are being carried out to have closer engagement with different stakeholders: * MoUs and agreements with Urban Local Bodies (ULBs);
* MoUs and agreements with Distribution Companies (DISCOMs)
* MoU and Agreements with Gas authorities for tri-generation projects
* Active interaction with Private sectors (Vendors, suppliers etc.; this includes interaction with vendors prior to tenders, pre-bid meetings, inception meeting after LoA issuance, project monitoring, etc.
* Impact of the programs on local communities and consumers through various Impact assessment studies and social audits.

The list of MoUs and Agreements are given at Annexure 1.Details of specific stakeholder interactions are attached in Annexure 2.Further to these wherever required, end use awareness programs are being carried out.Being an undertaking under Ministry of Power, Govt. of India, weekly MIS on EESL's programs and schemes are sent to the MoP. Furthermore, time-to-time reviews are being held at Ministry of Power and Ministry of Environment, Forests & Climate Change on our programs. EESL also has umbrella MoUs with the State Governments before proceeding with MoU/Agreement signing with individual ULBs and DISCOMS of the respective State (whose details are given above). In addition, EESL participates in various Central / State level policy making workshops / committees. Further, under the GEF-6 project a dedicated Strategic Advisory Group (SAG) has been established with the participation of the following Government Establishments to, provide advice/guidance on the overall project, make sure the broader level objectives are being met and oversee the alignment of the project with the national priorities:i) Ministry of Power, GoIii) Ministry of Environment, Forests & Climate Change, GoIiii) Department of Economic Affairs, Ministry of Finance, GoIiv) Bureau of Energy Efficiency, GoI" |

|  |  |
| --- | --- |
| **Gender mainstreaming** | Regular social audits are a part of Street lighting programme to understand the consumer behaviour and impact of the programme on vulnerable groups as well.Gender Baseline Report being developed and as a part of the same a survey was recently conducted within the organization. Women outreach is an integral part of our communication and physical distribution of appliances as well.Further Social and gender due diligence have already been carried out at the time of ADB Loan process. The due-diligence assessment was updated during the month of April 2019.Involving youth and potential entrepreneurs in designing of new technologies have been taken up aggressively through the INSPIRE events. Innovation Challenges are being organized as part of INSPIRE events to encourage innovators to work in EE technologies.Further to this, Road shows and hackathons were organized as a part of INSPIRE 2019 event, in reputed institutions to engage with youths and upcoming entrepreneurs in designing and O&M of EE technologies. |

|  |  |
| --- | --- |
| **Knowledge activities and products** | Knowledge Tools like brochures, standees, flyers, banners, guidance documents, information briefs, investor prospectus and technical reports. etc. for all technologies have been developed and disseminated to stakeholders. Online dashboards have been developed to reflect the data on achievements of individual program and energy savings achieved.Under Component 2, detailed Market assessment of trigeneration technology has been carried out and launched in Nov 2018. Market Assessment for other technologies is being carried out during FY 2019. Detailed tender documents involving technical & procurement specification have developed for three new technologies i.e. SE ACs, IE3 motors, EV PCIs and are available in public domain. MRV system for these technologies are being developed in this year. |

|  |  |
| --- | --- |
| **Stories to be shared** | This project is still at the beginning of its implementation. Stories to be shared will be considered towards the end of the implementation phase.  |
|  |

1. **RATING PROJECT PERFORMANCE AND RISK**

*Based on inputs by the Project Manager, the* ***UN Environment Task Manager****[[2]](#footnote-2) will make an overall assessment and provide ratings of:*

1. *Progress towards achieving the project Results(s)- see section 3.1*
2. *Implementation progress – see section 3.2*

*Section 3.3 on Risk should be first completed by the Project Manager. The UN Environment Task Manager will subsequently enter his/her own ratings in the appropriate column.*

* 1. **3.1 Rating of progress towards achieving the project Results(s**)

| **Project Objective & Outcomes** | **Description of indicator** | **Baseline level** | **End-of-project target** | **Observations / justification on rating of the level at 30 June 2019** | **Progress rating[[3]](#footnote-3)** |
| --- | --- | --- | --- | --- | --- |
| **Objective**: To reduce greenhouse gas (GHG) emissions through energy efficiency through scaling up and new technology applications | Cumulative amount of Direct GHG emissions reductions (in tCO2eq) | 0 tCO2eq  | 10,556,082 tCO2eq (by 2022)37,904,820 tCO2eq (by 2032)  | Projected end-of-project expected level of GHG emission reductions: 24,361,008 tCO2eq (by 2022)30,065,325 tCO2eq (by 2032)The end of project targets are expected to be overachieved, since the physical achievements have far exceeded the actual targets under the project.  | HS |
| **Outcome 1:** Energy efficiency improved through the installation of street lighting (SL), domestic lighting (DL), 5 star ceiling fans and agricultural pumps (AgDSM) | Number of additional Domestic Lighting units replaced by LED lamps | 208,296,978 units replaced (as at February 2017) | 39,776,293 additional Domestic Lights replaced by LED lamps (by 2022) | 69,434,758 units replacedJanuary 2018- December 2018 – 35,680,985 unitsJanuary 2019 – June 2019 – 33,753,773 units | HS |
| Number of additional LED Street Lighting units replaced by LED lamps | 1,653,204 units replaced (as at February 2017) | 1,505,942 additional Street Lights replaced by LED lamps (by 2022) | 4,991,570 units replacedJanuary 2018- December 2018 – 3,451,000 unitsJanuary 2019 – June 2019 – 1,540,570 units | HS |
| Number of additional pumps replaced by efficient agricultural pumps | 2,527 units replaced (as at February 2017) | 229,532 additional pumps replaced by efficient agricultural pumps (by 2022) | 69,109 units replacedJanuary 2018- December 2018 – 38,157January 2019 – June 2019 – 30, 952 | S |
| Number of additional fans replaced by BEE 5 Star Ceiling Fans | 287,929 units replaced (as at February 2017) | 2,128,298 additional fans replaced by BEE 5 Star Ceiling Fans (by 2022) | 779,149 units replacedJanuary 2018- December 2018 – 641,093January 2019 – June 2019 – 138,056 | S |
| Number of gender sensitive end-user awareness programs conducted | 0 (none) | End-user awareness programs implemented with 30% women’s participation | A dedicated Sustainable Development Unit has been created for implementation of EHSS guidelines in EESL. This unit is also responsible for gender related activities. Dedicated Manpower for this unit is under process. Awareness Programs are being designed and conducted with gender considerations. However, 3 exclusive gender sensitive end-user awareness programs will be conducted by December 2019. . | S |
| **Outcome 2:**Energy efficiency improved through the installation of super-efficient ceiling fans, tri-generation technologies and smart-grid application | Number of Super-Efficient Ceiling Fans units installed / distributed | 0 units | 783,937 super-efficient ceiling fans units to be installed / distributed (by 2022) | This indicator and end-of-project target are currently being revised in line with the recent changes on Outputs 7, 8, 9 and 10. The updated Indicator and end-of-project target will be reflected in the PIR for FY 2020. In lieu of Super-efficient Ceiling Fans and Smart Grid (Smart Meter), the PSC at its meeting on March 25, 2019 have approved the technologies of Super-efficient ACs, Energy Efficient Motors (IE3) and EV-Public Charging Infrastructure under the component 2. Procurement activities in respect of these technologies have been started from March 2019.  | NA |
| Price reduction of commercially available Super-Efficient Ceiling Fans | US$ 47 | US$ 26.5 (by 2022) |  Same as above | NA |
| Installed Tri-generation capacity in MW | 0 MW | Tri-generation pilot project to be implemented targeting 12.5 MW of installed capacity (by 2022) | Implementation of 0.8 MW Tri-generation plant is ongoing in Mahindra & Mahindra, Mumbai | MS |
| Number of expressions of interest from facility owners in fully commercial Tri-generations contracts with EESL | 0 | At least 5 (by 2022) | So far 23 EoIs have been received from various parties, out of which 11 MoUs have been signed till June 2019.This also includes the agreement signed with Mahindra & Mahindra as mentioned above. | HS |
| Annual energy savings from Smart Grid in MWh | 0 MWh | Smart Grid pilot project to be implemented targeting 42,454 MWh of annual energy savings (by 2022) | This indicator and end-of-project target are currently being revised in line with the recent changes on Output 7.8.9 and 10. The updated Indicator and end-of-project target will be reflected in the PIR for FY 2020In lieu of Super-efficient Ceiling Fans and Smart Grid (Smart Meter), the PSC at its meeting on March 25, 2019 have approved the technologies of Super-efficient ACs, Energy Efficient Motors (IE3) and EV-Public Charging Infrastructure under the component 2. Procurement activities in respect of these technologies have been started from March 2019.  | NA |
| Number of expressions of interest from other utilities in fully commercial Smart Grid contracts with EESL | 0 | At least 5 (by 2022) | Same as above | NA |
| Based on project pilot experiences, EESL’s board endorses further investments in Tri-generation and Smart-Grid technologies | No decision | Positive decision (by 2022) with necessary programmatic framework | The tri-generation pilot project is currently ongoing and further decision shall be taken at an appropriate time. | S |
| **Outcome 3:**Enabling conditions created to support EESL growth strategy targeting US$ 300 million in investments across all 7 technologies (SL, DL, BEE 5 Star CF, Agricultural Pumps, Super-efficient CF, TG, SG) | Number of new technologies piloted by the project that meet EESL’s investment criteria | Number of current technologies ventured (5 technologies) | At least 2 new technologies meet EESL’s investment criteria (by 2022) | The current pilots i.e. 50,000 super-efficient ACs, 40,000 IE3 Motors, 200 public charging infrastructures for EVs and 0.8 MW Tri-generation plant which are supported by the project are also funded through EESL’s equity and loan meeting the EESL’s investment criteria. | S |
| Revolving Fund - investment pipeline amounts in US$ at the end of the project | Baseline is - zero for the investment EERF pipeline | Investment Pipeline (as per EERF mandate) of US$ 300,000,000 established (by 2022) | Pilots are currently being implemented. This will be captured in future. | S |

Overall rating of project progress towards meeting project Result(s) (*To be provided by UN Environment GEF Task Manager)*

| **FY2018 rating**[previous] | **FY2019 rating**[current] | **Justification of the current FY rating and explanation of reasons for change (positive or negative) since previous reporting periods.**  |
| --- | --- | --- |
| N/A | HS | This is the first reporting cycle of this GEF-6 project. Based on the current progress made by the project, it is very likely the project will achieve its objective, and possibly even overachieve on some of the outcomes. For these reasons, the progress towards the development objective is rated as “Highly Satisfactory”. In particular, the annual targets have been met effectively. Based on the physical targets for the first 1.5 years, the cumulative emission reduction targets (by 2022) will be achieved. Under component 2, even though there was change in technologies in 1st quarter of CY 2019, immediate steps were taken to float tenders to procure and implement the technologies and LoA has been placed for one technology and implementation are ongoing for a 0.8 MW Trigeneration plant.  |

**Risks to the delivery of results**

The second column should be completed by the Project Manager and the third column should summarize the recommendations that the Project Manager and UN Environment Task Manager have agreed upon to address the problem/risk. Projects should complete only the relevant sections and are free to add/delete problems/risks. This section should inform the risk rating in section 3.3.

| **Problems/risks identified**  | **Description of the problem/risk** | **Agreed recommended actions**  |
| --- | --- | --- |
| on achieving targets |  |  |
| on stakeholder engagement |  |  |
| on gender actions |  |  |
| on safeguards |  |  |
| on delivering GEF Core Indicators |  |  |
| on delivering of PoW EA |  |  |
| on sustainability of results |  |  |
| others | The Economy is facing headwinds and the investments in the economy have slowed down. Further consumer expenditures too have slowed down. This may affect the uptake of energy efficiency programmes being rolled out.  | The Project Team and IAs will continuously review the situation on project implementation progress to anticipate any impact of economy.  |

**3.2** **Rating of progress implementation towards delivery of outputs**

| **Outputs / Activities[[4]](#footnote-4)** | **Expected delivery date[[5]](#footnote-5)** | **Implement-ation status at 30 June 2018 (%)** | **Implement-ation status at 30 June 2019 (%)** | **Progress rating justification[[6]](#footnote-6), description of challenges faced and explanations for any delay** | **Progress rating[[7]](#footnote-7)** |
| --- | --- | --- | --- | --- | --- |
| **COMPONENT 1: EXPANDING AND SUSTAINING INVESTMENTS IN EXISTING MARKET SECTORS** |
| **Output 1. Due diligence conducted [ADB]** | **July 2019** | **87.5%** | **100%** |  |  |
| 1.1 Review international best practices for project feasibility studies, technical specifications, and payment models for EE project implementation  | July 2019 | 100% | 100% | It is continuous exercise for EESL during preparation of feasibility reports and procurement for Implementation | **HS** |
| 1.2 Review the existing business model and processes for identifying and developing EE | July 2019 | 75% | 100% | It is continuous exercise for EESL during preparation of feasibility reports and procurement for Implementation. In addition to the same, ADB has commissioned a study through CRISIL to study on the existing business practices & processes. The report is expected to be finalized by Sept-Oct 2019.  | **HS** |
| 1.3 Revise the business procedures and process based on outputs of (i) and (ii) | July 2019 | NA | 100% | Revision and Integration are ongoing activities.  | **HS** |
| 1.4 Due Diligence of the EESL Financial, Technical, Procurement, and Social and Environment requirements to ensure compliance with ADB process in respect of DL, SL, AgDSM and CF projects  | July 2019 | 87.5% | 100% | Technical & Financial Due diligence are continuous exercise for EESL during signing of agreements and Invoicing with respective ULBS and also during release of payments to Vendors.Procurement Due diligence is continuous exercise for EESL during the process of procurement. Under Social & Environmental Due diligence, EESL has carried out capacity building of EESL staff, Further the EHSS guidelines has been updated and dissemination of the same to 20 regional offices has been started.The referred due-diligence activity to ensure compliance with ADB process was carried out at the time of loan process itself. Further to that, the due-diligence documents including the template checklist were updated in the month of April 2019. | **HS** |
| 1.5 Integration of the due diligence recommendations | July 2019 | NA | 100% | Revision and Integration are ongoing activities. | **HS** |
| **Output 2. Energy savings contracts signed and executed [ADB]** | **December 2022** | 65% | 100% |  |  |
| 2.1 Facilitate in identification of ULBs, DISCOMS, Consumers and other program partners | December 2022 | 100% | 100% | It is a continuous exercise for EESL.Meetings conducted in this regard is given at Annexure 2. | **HS** |
| 2.2 Undertake feasibility studies for designing the ESA (if required) | December 2022 | 100% | 100% | Baseline study is carried out for new SL & AgDSM projects as and when required. For DL & CF projects, load research surveys were carried out during the initiation of the project. Currently, under DL & CF program, distribution is open to all consumers, thus baseline study/feasibility is not required. | **HS** |
| 2.3 Develop and Finalize Energy saving agreements for implementation of EE projects with ULBs, DISCOMS, etc. | December 2022 | 100% | 100% | It is a continuous exercise for EESL. 136 nos. of Agreement have been signed with EESL under SLNP and one agreement was signed under UJALA with OPTCL. (List is attached) | **HS** |
| 2.4 Preparing RFP for procurement and maintenance of EE technologies  | December 2022 | 25% | 100% | 10 nos. of RFP have been floated and finalized. Details of the same is attached in Annexure 3 | **HS** |
| 2.5 Review bids, finalize the contracts for procurement of equipment and project monitoring | December 2022 | 0% | 100% | **HS** |
| **Output 3. Gender sensitive social marketing campaign scaled up for target consumers [ADB]** | **December 2022** | **60%** | **83%** |  |  |
| 3.1 Review EESL’s current media strategy (for CF, DL, AP) and conduct revision as required  | May 2019 | 100% | 100% | Review of Annual PR plan is an ongoing process. Over the last 18 months there has been a strong push of UJALA and SLNP in the rural areas (Thriugh Gram Swaraj Abhiyan and Gram Panchayat Street Lighting) and communication activities (Digital, direct and conventional had been deployed). McKinsey was hired to carry out an organizational transformation exercise for EESL and as part of their scope they are also looking at strategizing plans for UJALA, SLNP and AgDSM programmes and basis their recommendation a fresh communication plan will be developed.  | **HS** |
| 3.2 Conduct formative research and pretesting of materials to assess current awareness, behavior, drivers and barriers to adopting desired behavior of the target audience | May 2019 | 25% | 100% | Regular social audits are a part of Street lighting programme to understand the consumer behaviour and impact of the programme on vulnerable groups as well.Further, an assessment study is being carried to assess the impact of the UJALA program in Rural India. Few aspects of the study would also help to understand the impact of current outreach activities and further fine tuning.  | **HS** |
| 3.3 Develop a gender sensitive awareness generation program/communication plan for both institutional and domestic consumers for wider publicity and sensitization | February 2021 | 75% | 100% | Gender Baseline Report being developed and as a part of the same a survey was recently conducted within the organization. Women outreach is an integral part of our communication and physical distribution of appliances as well.Further to this, a gender action plan has also been developed which incorporates awareness generation program/communication plan for both institutional and domestic consumers for wider publicity and sensitization. This implementation activity is proposed to be started during September 2019. | **HS** |
| 3.4 Social marketing campaign to help consumers understand the potential benefits from EESL-supported products (street lighting and domestic lighting) & to Promote end-user behaviour change, followed by GEF-supported campaigns which target consumers, DISCOMs, urban local bodies (ULBs) and suppliers. | September 2022 | NA | 100% |  This is an ongoing element and EESL is quite active on Twitter, Facebook and LinkedIn along with programme specific Real time dashboards and websites.* Twitter – @EESL\_India
* Facebook - @EESLIndia (<https://www.facebook.com/EESLIndia/>)
* LinkedIN – <https://www.linkedin.com/company/energy-efficiency-services-limited/>
* Youtube – Energy Efficiency Services Limited
 | **HS** |
| 3.5 Provide guidance and coaching to the EESL’s Public Relations and Marketing unit (and externally engaged public relations firms), for communication planning, implementation and M&E activities conducted both nationally and at the state level | May 2022 | 100% | 100% | This is an ongoing activity and the GEF team has been consistently supporting the PR team of EESL and the Leadership team for all their communication needs. | **HS** |
| 3.6 Support monitoring and evaluation by installing a GEF project-level sex-disaggregated data collection system | December 2022 | 0% | 0% | This activity is proposed to start being implemented in October 2019. |  |
| **Output 4. Review and recommendations of business models for each market sector conducted (SL, DL, BEE 5 Star Ceiling Fan and Agricultural Pumps), including MRV protocols [UN ENVIRONMENT]** | **October 2022** | **0%** | **16%** |  |  |
| 4.1 Review of existing roles of vendors associated with the four technologies, and operation and maintenance practices of EESL. Based on this update business model. | July 2019 | 0% | 50% | This activity is being carried out along with 1.2 and is expected to be completed during September-October 2019 | **MS**  |
| 4.2 Design and develop MRV protocols to estimate actual energy savings and GHG emissions reduction from EE projects implemented by EESL and help EESL to calibrate its own deemed savings contracts. | August 2019 | 0% | 25% | The preparation of ToR for Hiring of an Agency for MRV Study is in under process and will be shared with UNEP for approval. The agency is planned to be on board in October 2019. | **MS** |
| 4.3 Discuss, validate and finalize revised MRV protocols for each investment sector / sub-sector based on above activities. | November 2019 | 0% | 0% | **NA** |
| 4.4 Revise existing MRV methodology of EESL and integrate with the EESL M&E process | November 2019 | NA | 0% | **NA** |
| 4.5 Implementation of the MRV protocol and undertaking 3rd party verification as per MRV methodology developed in output 4.4  | August 2022 | 0% | 0% | **NA** |
| 4.6 Conduct Impact Assessment Studies | October 2022 | NA | 20% | LoA for Conducting Impact Assessment Study on Rural Outreach of UJALA project has been awarded on 6th June 2019 to M/s PwC. This activity is currently ongoing and expected to be completed by September 2019Other Impact assessment study will be taken up as and when required and will be completed before October 2022.  | **S** |
| **Output 5. Supply tenders for installation and maintenance awarded and contracts signed [ADB]** |  | **14%** | **NA** | Now combined with Output 2 above |  |
| **Output 6. Revolving fund, or similar [ADB]** | **December 2022** | **15.63%** | **50%** |  |  |
| 6.1 Due diligence assessment of most appropriate domicile and legal personality for EERF  | September 2019 | 62.5% | 75% | The engaged firm M/s Aureus Law Partners is conducting the necessary due diligence. Due diligence activities are being conducted as per project requirement and changing EERF modalities. High level meetings involving senior ADB and EESL officials including GEF-6 PMU were arranged in the months of May-June 2019. Due diligence activity is being expected to be completed by September 2019. | **S** |
| 6.2 Preparation of an EERF Operation Manual/Business Plan & re-flow utilization plan | September 2019 | 0% | 25% | The engaged firm M/s Aureus Law Partners is conducting the necessary due diligence. Due diligence activities are being conducted as per project requirement and changing EERF modalities. This activity is being expected to be completed by October 2019. | **S** |
| 6.3 Participate & support the conduct of workshops and meetings to promote EE financing, EERF and to develop potential pipeline projects  | December 2022 | 0% | 50% | Conducted “Round table consultation meeting on Clean Energy Financing under EERF” on 12th November 2018 at Hotel Lalit, New Delhi.  | **S** |
| 6.4 Undertake due-diligence, including market research, performance review of vendors, suppliers, value chain analysis, environmental & safeguard assessment, site visits, study tours etc. for proposed investment & pipeline development | May 2020 | 0% | 100% | Due-diligence activities in respect of the current pilots which are supported by EERF, i.e. S.E. ACs, IE3 motors and EV chargers, have been completed in the month of April 2019 (through ADB). Any further activity in this regard will be initiated as per ADB guidelines.  | **HS** |
| **COMPONENT 2: BUILDING MARKET DIVERSIFICATION** |
| **Output 7. Standards and specifications [UN ENVIRONMENT]** | **December 2022** | **NA** | **33%** |  | S |
| 7.1 Market assessment of technologies to identify the current tech use, size of market, assessment of energy savings and GHG reduction by using more efficient alternative, etc. | June 2022 | NA | 25% | Market Assessment for Tri-generation technology has been completed.Market Assessment for other technologies i.e. SE ACs, IE3 Motor, EV public charging infrastructure were approved by the Project Steering Committee.at its first meeting on March 2019. Pursuant into that ToRs have been prepared and submitted UNEP for Approval. It is expected that the agency on board by September 2019. | S |
| 7.2 Undertake Pre-investment work covering pre-feasibility & feasibility studies, financing model, contractual conditions, contract tenure etc., to develop pilots (in respect of component 2 technologies) | August 2022 | NA | 70%  | Tri-generation:Potential Finalized through the Feasibility study conducted at1 no. of site at M/s Mahindra & Mahindra Ltd., Kandivali, Mumbai 2 nos. of sites at M/s Tata Motors Ltd., Pune 1 no. of site at M/s Taj Lands End, Mumbai 1 no. of site at M/s Airport Authority of India - Pune Airport TerminalSuper-efficient ACs:LoA issued to M/s PwC for Conducting pilot demonstration and demand aggregation for super-efficient AC program on 1st March 2019. The study is under process and to be completed by September 2019.EV Chargers:Conducted Location Assessment for installation of EV chargers in NDMC area of operation by M/s KPMG on February 2019 | S |
| 7.3 Conduct Stakeholder awareness workshops propagating component 2 technologies | November 2022 | NA | 33% | 1. Launch of Super-efficient AC program on 22nd February 2019 in New Delhi
2. Stakeholder Workshop on “Enhancing Market Transformation for Energy Efficiency in India” on 25th March 2019 in New Delhi
3. A brainstorming workshop at Dubri (Odisha) on 28/06/2019 under Energy Efficient Motor program.
4. Stakeholders’ meet on e-Mobility Program in Mumbai on 19th June 2019
5. Workshop to establish an ecosystem on Trigeneration Technology on 24th Jan 2019 in Mumbai
 | S |
| 7.4 Consultations meetings with identified pilot project owners and finalization of contracting terms and conditions, development of agreement documents for implementing pilot projects. | December 2022 | NA | 70% | 1. MoU signing between EESL & BSES Rajdhani on 22nd February 2019 in New Delhi under Super-Efficient AC Program
2. MoU signing between EESL & BSES Yamuna on 5th March 2019 in New Delhi Super-Efficient AC Program
3. MoU signing between EESL & Tata Power Delhi on 24th May 2019 in New Delhi Super-Efficient AC Program
4. EESL has signed three MoUs for the implementation of EE projects through innovative financial models with M/s Surendra Mining industries, M/s Vishal Mettalics Pvt. Ltd. and M/s Ninanchal Ishpat Nigam Ltd.
5. Trigeneration: Several meetings with different stakeholders (32) have resulted in execution of 13 MoUs/agreements signing with different parties. (Details attached in Annexure 2)
6. EV: Several meetings with different stakeholders have resulted in execution of 6 MoUs/agreements signing with different parties. (Details attached in Annexure 2)
 | S |
| 7.5 Development of MRV framework for the pilot projects to collect data for tracking progress, as well as estimating energy and GHG emissions reduction. | November 2021 | NA | 0% | This activity has been included as one of the activities to be initiated in the approved work plan for CY 2019. Pursuant to this, actions in respect of engaging a suitable agency for the same is under process. It is expected that the agency will be on board by September 2019.  | S |
| 7.6 Training of EESL staff and also pilot project personnel on project and MRV aspects | July 2022 | NA | 0% | S |
| **Output 8. At least 9 pilot projects conducted in new identified technologies [ADB]** | **October 2022** | **NA** | **14%** |  | S |
| 8.1 Procurement, Supply & Installation of super-efficient ACs | September 2021 | NA | 25% | International Competitive Bidding (ICB) process following ADB procurement guidelines was carried out for procuring 50,000 1.5 TR ACs with 5.4 ISEER. The tender was floated on 15th March 2019 and LoA to the successful vendor (M/s Voltas Ltd) has been issued on 27th June 2019.  | S |
| 8.2 Procurement, Supply & Installation of public charging infrastructure for EVs  | December 2020 | NA | 15% | ICB process following ADB procurement guidelines has been initiated and the tender was floated on 15th March 2019 with the last date of submission of bids as 4th June 2019. Currently under bid evaluation stage. | S |
| 8.3 Procurement, Supply & Installation of energy efficient motors | August 2020 | NA | 15% | ICB process following ADB procurement guidelines has been initiated and the tender was floated on 4th April 2019 with the last date of submission of bids as 3rd June 2019. Currently under bid evaluation stage.  | S |
| 8.4 Procurement, Supply, Installation, Testing & Commissioning of Trigeneration technology | October 2022 | NA | 0% | The activity is proposed to start during H2 2019. | S |
| **Output 9. Financial and Energy savings performance of new identified technologies monitored, measured and reported [UN ENVIRONMENT]** | **December 2022** | **NA** | **0%** |  | S |
| 9.1 Implement MRV protocol for pilot projects & Undertake 3rd party verification of outcomes of pilot projects as per MRV methodology developed in output 7.6  | December 2022 | NA | 0% | This activity has been included as one of the activity to be initiated in the approved work plan for CY 2019. Pursuant to this, actions in respect of engaging a suitable agency for the same is under process. It is expected that the agency will be on board by September 2019. | S |
| 9.2 Design and implementation of Quality Assurance Plan on sample basis | July 2022 | NA | 0% | The activity is planned to start in May 2020 | S |
| **Output 10. New ESCO business models for new identified technologies [UN ENVIRONMENT]** | **May 2022** | **NA** | **0%** |  | S |
| 10.1 Undertake impact assessment of pilot projects to assess viability and socio-economic benefits | March 2022 | NA | 0% | This activity has been included as one of the activities to be initiated in the approved work plan for CY 2019. Pursuant to this, actions in respect of engaging a suitable agency for the same is under process. It is expected that the agency will be on board by September 2019. | S |
| 10.2 Identifying and operationalizing lessons learned based on initial pilots | December 2021 | NA | 0% | The activity is planned to start in October 2020 | S |
| 10.3 Re-assessment of baseline after 2-3 years | May 2022 | NA | 0% | The activity is planned to start in October 2020 | S |
| **COMPONENT 3: REPLICATION AND SCALING-UP** |
| **Output 11. Growth strategy drafted, based on collected experience, lessons, data from Components 1 & 2, on energy and financial savings and a review of other technologies EESL [UN ENVIRONMENT]** | **December 2022** | **25%** | **35%** |  | S |
| 11.1 Growth Strategy for EESL (SWOT of NEW TECHNOLOGIES), review of experience of Comp 1 and 2 technologies - including workplan and budgeting for expanding the technologies | October 2020 | 0% | 20% | M/s Mckinsey & Company has been engaged by EESL to restructure and design the organizational structure of EESL vide LoA dated 11th Feb 2019 Under this assignment, a growth strategy report / chapter for DL sector would be prepared. The activity is under process and expected to be completed by H2 2019. Growth Strategy for other technology will be taken up later as per the workplan. | S |
| 11.2 Capacity Building of EESL Staff for a sustained growth | December 2022 | 50% | 60% | M/s Mckinsey & Company has been engaged by EESL to restructure and design the organizational structure of EESL vide LoA dated 11th Feb 2019. Under this assignment, major part of 11.2 is being taken up and expected to be completed by H2 2019. | S |
| 11.3 Quality Assurance Improvement  | August 2021 | 50% | 60% | Separate department has been created for quality control and improvement in existing practices. Other than that, it is Same as 11.2 | S |
| 11.4 Establish agreements with service providers and audit firms (Output 11.5 in the original work plan) | June 2022 | 0% | 0% | The activity is planned to be started in October 2020 | S |
| **Output 12. Business processes automated at EESL [UN ENVIRONMENT]** | **December 2022** | **0%** | **54%** |  | S |
| 12.1 Development of GEF Project website and websites for supporting technologies  | July 2019 | 0% | 66% | 1. Development of GEF-6 Website is completed. Link: gef6.eeslindia.org
2. Development of EESLmart is completed. EESLmart is developed for online selling of SE ACs and other EE appliances. Link: eeslmart.in
 | S |
| 12.2 Maintenance of abovementioned websites | December 2022 | NA | 100% | Regular Website maintenance is a continuous activity | S |
| 12.3 Business Process Automation (development of software, dashboards, e-diary, IT tools, etc. to automate the EESL processes and practices) | July 2021 | 0% | 50% | A dashboard has been developed alongwith EESLmart for internal usage. Through the dashboard, details of placed orders, shipping details etc. are being captured. These details have also been made available to vendors. |  |
| 12.4 Pilot actual savings and compare with deemed savings model for technologies where this practice is absent | October 2021 | 0% | 0% | The activity is planned to be started in August 2021 | S |
| **Output 13. Energy Saving Plans & capacity building for external stakeholder [UN ENVIRONMENT]** | **December 2022** | **0%** | **11%** |  | S |
| 13.1 Development of Communication tools to promote and enhance demand for component 2 technologies | November 2022 | 0% | 33% | Communication Tools like brochures, standees, flyers, banners etc. for Super-Efficient AC have been prepared and circulated to BSES Rajdhani Pvt. Ltd., BSES Yamuna Pvt. Ltd., Tata Power DDL and other stakeholders.A brochure on EV charging infrastructure has also been developed. | S |
| 13.2 Develop and implement a capacity building program for different stakeholders | December 2022 | 0% | 0% | The activity is planned to start in January 2020 | S |
| 13.3 Develop and implement energy savings plans for ULBs | December 2021 | 0% | 0% | The activity is planned to start in January 2020 | S |
| **Output 14. Investment opportunities and potential sources of finance identified / and screened for the growth strategy [ADB]** | **December 2022** | **0%** | **0%** |  | S |
| 14.1 Building an investment pipeline | December 2022 | 0% | 0% | The activity is planned to start in July 2020 | S |
| 14.2 Developing project preparation facility | December 2022 | 0% | 0% | The activity is planned to start in July 2020 | S |

Overall project implementation progress[[8]](#footnote-8) *(To be completed by UN Environment GEF Task Manager):*

| **FY2018 rating**[previous] | **FY2019 rating**[current] | **Justification of the current rating and explanation of reasons for change (positive or negative) since previous reporting periods.** |
| --- | --- | --- |
| N/A | S | Generally speaking, the project’s implementation progress is rated as Satisfactory”. As far as the physical progress is the concern, achievement in distributing DL and SL are more than 100%. The progress in terms of other two technologies i.e. CF & AgDSM are on track. Under component 2 there has been change of technologies, After the approval of PSC, procurement activities are initiated in respect of 3 technologies i.e. SE ACs, IE3 Motors, EV PCIs through ICB process. Out of which LoA has been placed for supply of SE ACs. In terms of the replication and scaling up activities (Component 3), growth strategy and capacity building activity are being taken up during Year 2019.There are however some challenges in terms of the understanding with the project team and EESL support teams on the leveraging of the project activities. This is being continuously discussed and understanding enhanced to better utilize the project resources for EESLs larger objective of transforming EE markets. |

**Risks in implementation**

This section should be completed by the Project Manager and summarize implementation risks (e.g. procurement delays, reputational risks etc.).

The first column should be completed by the Project Manager and the second column should summarize the recommendations that the Project Manager and UN Environment Task Manager have agreed upon to address the problem/risk. This section should inform the risk rating in section 3.3.

| **Problems/risks identified** | **Agreed recommended actions** | **By whom** | **When** |
| --- | --- | --- | --- |
| The understanding of GEF project implementation processes and procedures for utilizing GEF resources among EESL teams supporting the project needs to be enhanced. This will enable them to use the resources more effectively and in a transparent manner.  | The Project Manager and Task Managers will take regular reviews, specially where the Project Manager feels further clarity is needed. Advance consultations will be used to re-allocate resources and also agree on ways to use the resources.  | PM & TM | On a regular basis |
|  |  |  |  |
|  |  |  |  |

**3.3. Risk Rating** *[Insert the Medium and High Risks and mitigation measures identified at CEO endorsement (e.g. Section A.5) and any relevant risk from safeguards screening and/or management plans.]* *Expand the table to include medium and high risks observed during implementation, e.g. problems identified in sections 3.1. and 3.2.*

| **Risk** | **Mitigation at CEO approval** | **Mitigation at implementation** | **Rank** |
| --- | --- | --- | --- |
| **Risks identified at CEO approval** |
| * Improper design
* Improper selection of equipment
* Complexity of technical specifications
* Limited knowledge of integrating the different components of tri-generation
 | * Design guidelines and technical specifications prepared by highly experienced international and local experts (as planned in the project)
* Training of technology providers on integration of various components to be installed in a tri-generation system
 | Standardized guidelines and technical specifications are used for technology selection. Wherever, additional support is required, subject matter experts are being involved. | CEO: H |
| TM: M |
| PM:M |
| Limited number of manufacturers and suppliers in India | * EESL will leverage its existing international and national network in order to ensure sufficient number of suppliers for the project.
* The successful demonstration under the project would help in creating awareness about the technologies and would increase number of manufacturers in India.
 | EESL is leveraging its network to ensure sufficient no. of suppliers in all technologies. As and when required, discussions with suppliers are carried out before the tenders to bring them on board. Successful Implementation of technologies is creating awareness and ensuring participation of manufacturers in the tenders. | CEO: M |
| TM: L |
| PM: L |
| Performance risks related to performance of energy efficient equipment post implementation arises due to: * Quality of equipment
* External conditions like weather
* Equipment breakdown
 | * Defining the performance of equipment over the life of equipment
* Defining the performance of equipment under various external conditions
* Integration of centralized control system to monitor the equipment performance
* Defining the warranty of equipment at the time of procurement.
* Defining the AMC cost and duration of AMC to be provided by the vendor at the time procurement
 | Mitigation measures as mentioned in Endorsement document (adjacent column) are aptly captured in the tender documents and the issued LoAs. | CEO: M |
| TM: L |
| PM: L |
| Disposal of replaced appliances and equipment containing hazardous waste | The proposed GEF project and ADB loan and other investments will be guided by the ADB Safeguard Policy (2009), and EESL tendering / procurement policy and practice with appropriate measures built-in during project preparation.EESL will incorporate Central Pollution Control Board “Guidelines for Environmentally Sound Mercury Management in Fluorescent Lamp Sector” in the contracts to be signed with various contractors.EESL will distribute leaflets to consumers which provide guidance on the safe disposal of used equipment. | As per E-waste management rules 2016, EESL project activities comes under the scope of “Dealer” for which no compliance documents need to be submitted to SPCBs/CPCB. EESL as “dealer” shall ensure that any e-waste generated is safely transported to authorised dismantlers/recyclers and no damage is caused to the environment during storage and transportation of e-waste.However, EESL has initiated discussions with ULBs for proper disposal of dismantled LED lights.  | CEO: M |
| TM: M |
| PM: L |
| **Additional risks identified during implementation** |
| AS far as UNEP’s share of the GEF funding is concerned, EESL is experiencing a very low expenditure rate compared to the planned budget since the beginning of project implementation. On the other hand, the rate of expenditures on PMC is very high compared to the substantive project components. There is a concern (1) that projected budget is disconnected from implementation needs and (2) that EESL may run out of PMC funds before the end of the project (technical completion). There is also need for increasing the understanding of the UNEP-GEF budget preparation and utilization process. Further, the EESL support teams need capacity building on using the GEF resources in agreed manner to increase the effectiveness. | N/A | Major portion of the TA budget is allocated under component 2 and 3. Component 2 technologies underwent a change and got approved in the PSC held in the month of March 2019 only. This may one of the reasons attributable to the low expenditure till June 2019. Certain portion of the component 3 activities (growth strategy and capacity building) have been taken up and activities are ongoing. In some of the cases, wherever there is partial support from GEF-6 TA, owing to some accounting issues there has been delay in booking of relevant expenditure. These have been sorted out. As at June 30, 2019, the project has unliquidated expenses close to USD 450,000. Based on the LoAs issued until June 2019, the project has unliquidated expenses close to around USD 450,000 (which is around 36% of the AWP budget). Activities in respect of these LoAs are ongoing and release of payments against these activities will be made againt the LoA milestones in the coming quarters. Further, other major activities are being taken up in July - Sept quarter and contracts are expected to be issued by September / October 2019. All other new activities along with previously mentioned major activities would result in further utilization of around USD 200,000. New ToRs are pipeline to execute the AWP activities and are being submitted to UNEP. For certain TA activities, the GEF-6 project is providing only partial support. Owing to this partial support, issues in proper booking of the expenses under GEF-6 against the invoices cropped up. To address this, mitigation measures have been taken up to ensure smooth booking of such expenditures support. There will be increased utilization in the next two quarters and substantial increase from the previous quarters. The PMC budget is fixed and planned for the entire duration of the project and there would be no financial over-run to complete the activities.Further, frequent interactions with all the internal stakeholders are held to ensure the execution of the planned activities and utilize the available budget.   | CEO: N/A |
| TM: M |
| PM: L |
| The Overall economic slow down could affect the uptake of energy efficiency technologies in the Market.  | N/A | The Government support to the EE efforts continuous to be high. Nonetheless the situation is under continuous review to assess the likely impact and plans will be accordingly created. | CEO: N/A |
| TM: L |
| PM: L |
| **Overall Risk Rating****Project Manager** | **L** |
| Overall Risk RatingTask Manager | **L** |

Overall risk rating *(To be completed by UN Environment GEF Task Manager):*

| **FY2018 rating**[previous] | **FY2019 rating**[current] | **Justification of the current risk rating and explanation of reasons for change (positive or negative) since previous reporting periods.** |
| --- | --- | --- |
| N/A | L | At the present stage of project implementation, the project is rated at “Low” risk. All identified risks are being mitigated through measures as described at section 3.3.One emerging challenge is the slow down in the economy which may affect the demand for energy efficiency project. The project team is aware of it and is continuously monitoring the situation to identify anticipated issues and develop solutions. |

**High Risk (H):** There is a probability of greater than 75% that **assumptions** may fail to hold or materialize, and/or the project may face high risks.
**Substantial Risk (S):** There is a probability of between 51% and 75% that **assumptions** may fail to hold and/or the project may face substantial risks.
**Modest Risk (M):** There is a probability of between 26% and 50% that **assumptions** may fail to hold or materialize, and/or the project may face only modest risks.
**Low Risk (L):** There is a probability of up to 25% that **assumptions** may fail to hold or materialize, and/or the project may face only modest risks.

**Annexure 1 - Agreements/MoU signed under GEF-6**

**UJALA**

|  |  |
| --- | --- |
| **Description** | **Jan'2018 to Dec'2018** |
| Energy Saving Agreement | Signed agreement with M/s OPTCL for the supply of 3.84 Cr. UJALA LED Bulbs |

**SLNP**

| 1. **Agreement Signed in Bihar**
 |
| --- |
| **Sl No.** | **District** | **Name of ULB** | **Date** |
| 1 | Banka | Amarpur Nagar Panchayat | 13.07.18 |
| 2 | Banka | Banka Nagar Panchayat | 04.07.19 |
| 3 | Bhagalpur | Bhagalpur Nagar Nigam | 06.02.18 |
| 4 | Bhagalpur | Sultaganj Nagar Parishad | 06.02.18 |
| 5 | Bhagalpur | Nawgachhia Nagar Panchayat | 13.07.18  |
| 6 | Darbhanga | Darbhanga Nagar Nigam | 06.02.18 |
| 7 | Darbhanga | Benipur Nagar Parishad | 06.02.18 |
| 8 | Madhubani | Madhubani Nagar Parishad | 06.02.18 |
| 9 | Madhubani | Ghoghardiha Nagar Panchayat | 13.07.18 |
| 10 | Madhubani | Jaynagar Nagar Panchayat | 13.07.18 |
| 11 | Madhubani | Jhanjharpur Nagar Panchayat | 10.06.19 |
| 12 | Samastipur | Samastipur Nagar Parishad | 06.02.18 |
| 13 | Samastipur | Dalsinghsarai Nagar Panchayat | 13.07.18 |
| 14 | Samastipur | Rosera Nagar Panchayat | 13.07.18 |
| 15 | Madhepura | Madhepura Nagar Parishad | 06.02.18 |
| 16 | Madhepura | Murliganj Nagar Panchayat | 13.07.18 |
| 17 | Saharsa | Saharsa Nagar Parishad | 06.02.18 |
| 18 | Saharsa | Simri Bakhtiyarpur Nagar Panchayat | 13.07.18 |
| 19 | Supaul | Supaul Nagar Parishad | 06.02.18 |
| 20 | Supaul | Birpur Nagar Panchayat | 13.07.18 |
| 21 | Supaul | Nirmali Nagar Panchayat | 13.07.18 |
| 22 | Arwal | Arwal Nagar Parishad | 06.02.18 |
| 23 | Aurangabad | Aurangabad Nagar Parishad | 06.02.2018 |
| 24 | Aurangabad | Daudnagar Nagar Panchayat | 16.04.2019 |
| 25 | Aurangabad | Navinagar Nagar Panchayat | 13.07.18  |
| 26 | Gaya | Gaya Nagar Nigam | 06.02.18 |
| 27 | Gaya | Bodhgaya Nagar Panchayat | 13.07.18 |
| 28 | Gaya | Sherghati Nagar Panchayat | 13.07.18 |
| 29 | Gaya | Tekari Nagar Panchayat | 13.07.18 |
| 30 | Jehanabad | Jehanabad Nagar Parishad | 06.02.18 |
| 31 | Jehanabad | Makhdumpur Nagar Panchayat | 13.07.18 |
| 32 | Nawada | Nawada Nagar Parishad | 06.02.18 |
| 33 | Nawada | Hisua Nagar Panchayat | 13.07.18 |
| 34 | Nawada | Warrisliganj Nagar Panchayat | 13.07.18 |
| 35 | Begusarai | Begusarai Nagar Nigam | 06.02.18 |
| 36 | Begusarai | Bihat Nagar Parishad | 06.02.18 |
| 37 | Begusarai | Bakhri Nagar Panchayat | 13.07.18 |
| 38 | Begusarai | Teghra Nagar Panchayat | 13.07.18 |
| 39 | Jamui | Jamui Nagar Parishad | 06.02.18 |
| 40 | Jamui | Jhajha Nagar Panchayat | 13.07.18 |
| 41 | Khagaria | Khagaria Nagar Parishad | 06.02.18 |
| 42 | Khagaria | Gogari Jamalpur nagar Panchayat | 13.07.18 |
| 43 | Lakhisarai | Lakhisarai Nagar Parishad | 06.02.18 |
| 44 | Lakhisarai | Barahiya Nagar Panchayat | 13.07.18  |
| 45 | Munger | Munger Nagar Nigam | 06.02.18 |
| 46 | Munger | Jamalpur Nagar Parishad | 06.02.18 |
| 47 | Munger | Haweli kh. Pur Nagar Panchayat | 13.07.18 |
| 48 | Sheikpura | Sheikhpura Nagar Parishad | 06.02.18  |
| 49 | Sheikpura | Barbigha Nagar Parishad | 06.02.18  |
| 50 | Bhojpur | Ara Nagar Nigam | 06.02.18 |
| 51 | Bhojpur | Bihiyan Nagar Panchayat | 13.06.18 |
| 52 | Bhojpur | Jagdishpur Nagar Panchayat | 26.03.18 |
| 53 | Bhojpur | Koilwar Nagar Panchayat | 13.06.18 |
| 54 | Bhojpur | Piro Nagar Panchayat | 13.06.18 |
| 55 | Bhojpur | Shahpur Nagar Panchayat | 13.06.18 |
| 56 | Buxar | Buxar Nagar Parishad | 06.02.18 |
| 57 | Buxar | Dumraon Nagar Parishad | 06.02.18 |
| 58 | Kaimur | Bhabhua Nagar Parishad | 06.02.18 |
| 59 | Kaimur | Mohania Nagar Panchayat | 13.07.18 |
| 60 | Nalanda | Biharsarif Nagar Nigam | 06.02.18 |
| 61 | Nalanda | Hilsa Nagar Parishad | 06.02.18  |
| 62 | Nalanda | Islampur Nagar Panchayat | 13.07.18 |
| 63 | Nalanda | Rajgir Nagar Panchayat | 08.05.18 |
| 64 | Nalanda | Silao Nagar Panchayat | 13.07.18  |
| 65 | Patna | Patna Nagar Nigam | 06.02.18 |
| 66 | Patna | Bakhtiyarpur Nagar Parishad | 06.02.18 |
| 67 | Patna | Barh Nagar Parishad | 06.02.18 |
| 68 | Patna | Danapur Nizamat Nagar Parishad | 06.02.18  |
| 69 | Patna | Fatuha Nagar Parishad | 06.02.18 |
| 70 | Patna | Khagaul Nagar Parishad | 06.02.18 |
| 71 | Patna | Khusrupur Nagar Panchayat | 13.07.18 |
| 72 | Patna | Maner Nagar Panchayat | 13.07.18 |
| 73 | Patna | Masaurhi Nagar Parishad | 06.02.18 |
| 74 | Patna | Mokama Nagar Parishad | 06.02.18 |
| 75 | Patna | Naubatpur Nagar Panchayat | 13.07.18  |
| 76 | Patna | Phulwari Nagar Parishad | 06.02.18 |
| 77 | Patna | Vikram Nagar Panchayat | 13.07.18 |
| 78 | Rohtas | DehriDalmianagar Nagar Parishad | 06.02.18 |
| 79 | Rohtas | Sasaram Nagar Parishad | 06.02.18 |
| 80 | Rohtas | Bikarmaganj Nagar Panchayat | 13.07.18  |
| 81 | Rohtas | Koath Nagar Panchayat | 13.07.18 |
| 82 | Rohtas | Kochas Nagar Panchayat | 13.07.18 |
| 83 | Rohtas | Nokha Nagar Panchayat | 13.07.18 |
| 84 | Rohtas | Nasariganj Nagar Panchayat | 13.07.18  |
| 85 | Araria | Araria Nagar Parishad | 06.02.18  |
| 86 | Araria | Farbisganj Nagar Parishad | 06.02.18  |
| 87 | Araria | Jogbani Nagar Panchayat | 13.07.18 |
| 88 | Katihar | Katihar Nagar Nigam | 06.02.18  |
| 89 | Katihar | Manihari Nagar Panchayat | 13.07.18 |
| 90 | Katihar | Barsoi Nagar Panchayat | 13.07.18 |
| 91 | Kishanganj | Kishanganj Nagar Parishad | 06.02.18 |
| 92 | Kishanganj | Bahadurganj Nagar Panchayat | 13.07.18 |
| 93 | Kishanganj | Thakurganj Nagar Panchayat | 13.07.18 |
| 94 | Purnea | Purnia Nagar Nigam | 06.02.18 |
| 95 | Purnea | Banmankhi Nagar Panchayat | 13.07.18  |
| 96 | Purnea | Kasba Nagar Panchayat | 13.07.18 |
| 97 | Gopalganj | Gopalganj Nagar Parishad | 06.02.18  |
| 98 | Gopalganj | Barauli Nagar Panchayat | 13.07.18 |
| 99 | Gopalganj | Kataiya Nagar Panchayat | 13.07.18 |
| 100 | Gopalganj | Mirganj Nagar Panchayat | 13.07.18 |
| 101 | Saran | Chhapra Nagar Nigam | 06.02.18 |
| 102 | Saran | Dighwara Nagar Panchayat | 13.07.18 |
| 103 | Saran | Ekma Bazar Nagar Panchayat | 13.07.18 |
| 104 | Saran | Marhaura Nagar Panchayat | 13.07.18  |
| 105 | Saran | Parsa Bazar Nagar Panchayat | 13.07.18 |
| 106 | Saran | Rivilganj Nagar Panchayat | 13.07.18  |
| 107 | Saran | Sonpur Nagar Panchayat | 13.07.18 |
| 108 | Siwan | Siwan Nagar Parishad | 06.02.18  |
| 109 | Siwan | Maharajganj Nagar Panchayat | 13.07.18 |
| 110 | Siwan | Mairwa Nagar Panchayat | 26.11.18 |
| 111 | East Champaran | Motihari Nagar Parishad | 06.02.18 |
| 112 | East Champaran | Raxaul Nagar Parishad | 06.02.18  |
| 113 | East Champaran | Areraj Nagar Panchayat | 17.07.2018 |
| 114 | East Champaran | Chakia Nagar Panchayat | 13.07.18  |
| 115 | East Champaran | Dhaka Nagar Parishad | 13.07.18 |
| 116 | East Champaran | Kesariya Nagar Panchayat | 13.07.18 |
| 117 | East Champaran | Mehsi Nagar Panchayat | 13.07.18 |
| 118 | East Champaran | Pakridayal Nagar Panchayat | 13.07.18 |
| 119 | Muzaffarpur | Muzaffarpur Nagar Nigam | 06.02.18 |
| 120 | Muzaffarpur | Kanti Nagar Panchayat | 13.07.18 |
| 121 | Muzaffarpur | Motipur Nagar Panchayat | 13.07.18  |
| 122 | Muzaffarpur | Sahebganj Nagar Panchayat | 13.07.18 |
| 123 | Sheohar | Sheohar Nagar Panchayat | 13.07.18  |
| 124 | Sitamarhi | Sitamarhi Nagar Parishad | 06.02.18 |
| 125 | Sitamarhi | Bairginiya Nagar Panchayat | 13.07.18 |
| 126 | Sitamarhi | Belsand Nagar Panchayat | 13.07.18 |
| 127 | Sitamarhi | Dumra Nagar Panchayat | 13.07.18 |
| 128 | Sitamarhi | Janakpur Road Nagar Panchayat | 13.07.18 |
| 129 | Sitamarhi | Sursand Nagar Panchayat | 13.07.18 |
| 130 | Vaishali | Hajipur Nagar Parishad | 06.02.18 |
| 131 | Vaishali | Lalganj Nagar Panchayat | 13.07.18 |
| 132 | Vaishali | Mahua Nagar Panchayat | 13.07.18 |
| 133 | Vaishali | Mahnar Nagar Parishad | 13.07.18 |
| 134 | West Champaran | Bagaha Nagar Parishad | 06.02.18 |
| 135 | West Champaran | Bettiah Nagar Parishad | 06.02.18 |
| 136 | West Champaran | Narkatiyaganj Nagar Parishad | 06.02.18 |
| 137 | West Champaran | Chanpatiya Nagar Panchayat | 13.07.18  |
| 138 | West Champaran | Ramnagar Nagar Panchayat | 13.07.18 |

|  |
| --- |
| 1. **Agreement signed in Jharkhand Gram Panchayat**
 |
| **Sr. No** | **District** | **Escross Agreement signing date** |
| 1 | Garhwa | 31.05.2019 |
| 2 | Palamu | 31.05.2019 |
| 3 | Latehar | 31.05.2019 |
| 4 | Chatra | 18.06.2019 |
| 5 | Hazaribagh | 27.05.2019 |
| 6 | Giridih | 04.06.2019 |
| 7 | Koderma | 04.06.2019 |
| 8 | Dhanbad | 04.06.2019 |
| 9 | Bokaro | 11.06.2019 |
| 10 | Ramgarh | 06.06.2019 |
| 11 | Ranchi | 01.06.2019 |
| 12 | Lohardaga | 08.06.2019 |
| 13 | Gumla | 12.06.2019 |
| 14 | Simdega | 11.06.2019 |
| 15 | Khunti | 22.07.2019 |
| 16 | West Singhbhum | 03.06.2019 |
| 17 | Seraikela Kharsawan | 03.06.2019 |
| 18 | East Singhbhum | 24.05.2019 |
| 19 | Deoghar | 28.05.2019 |
| 20 | Jamtara | 29.05.2019 |
| 21 | Dumka | 25.05.2019 |
| 22 | Godda | 11.06.2019 |
| 23 | Pakur | 29.05.2019 |
| 24 | Sahebganj | 30.05.2019 |
| 1. **Agreement Signed\_Maharashtra (From Jan'18 to Dec'18)**
 |
|
| Sr. No. | **District Name** | **ULB Names** |
| 1 | Aurangabad | Gangapur Municipal Council |
| 2 | Kannad Municipal Council |
| 3 | Khuldabad Municipal Council |
| 4 | Paithan Municipal Council |
| 5 | Phulambri Municipal Council |
| 6 | Sillod Municipal Council |
| 7 | Soygaon Municipal Council |
| 8 | Vaijapur Municipal Council |
| 9 | Beed | Beed Municipal Council |
| 10 | Georai Municipal Council |
| 11 | Parli Municipal Council |
| 12 | Ambejogai Municipal Council |
| 13 | Ashti Nagar Panchayat |
| 14 | Dharur Municipal Council |
| 15 | Kaij Nagar Panchayat |
| 16 | Majalgaon Municipal Council |
| 17 | Patoda Nagar Panchayat |
| 18 | Shirur Kasar Nagar Panchayat |
| 19 | Wadvani Nagar Panchayat |
| 20 | Hingoli | Anudha Nagnath Nagar Panchayat |
| 21 | Basmatnagar Municipal Council |
| 22 | Hingoli Muncipal Council |
| 23 | Kalamnuri Municipal Council |
| 24 | Sengaon Nagar Panchayat |
| 25 | Jalna | Ambad Municipal Council |
| 26 | Badnapur Nagar Panchayat |
| 27 | Bhokardan Municipal Council |
| 28 | Ghansawangi Nagar Panchayat |
| 29 | Jalna Municipal Council |
| 30 | Jafrabad Nagar Panchayat |
| 31 | Mantha Nagar Panchayat |
| 32 | Partur Municipal Council |
| 33 | Latur | Latur Municipal Corporation |
| 34 | Renapur Nagar Panchayat |
| 35 | Udgir Municipal Council |
| 36 | Ahmedpur Municipal Council |
| 37 | Ausa Municipal Council |
| 38 | Chakur Nagar Panchayat |
| 39 | Devani Nagar Panchayat |
| 40 | Jalkot Nagar Panchayat |
| 41 | Nilanga Municipal Council |
| 42 | Nanded | Kinwat Municipal Council |
| 43 | Hadgaon Municipal Council |
| 44 | Mahur Municipal Council |
| 45 | Kundalwadi Municipal Council |
| 46 | Deglur Municipal Council |
| 47 | Ardhapur Nagar Panchayat |
| 48 | Bhokar Municipal Council |
| 49 | Biloli Municipal Council |
| 50 | Dharmabad Municipal Council |
| 51 | Himayatnagar Nagar Panchayat |
| 52 | Kandhar Municipal Council |
| 53 | Loha Municipal Council |
| 54 | Mudkhes Municipal Council |
| 55 | Mukhed Municipal Council |
| 56 | Umri Municipal Council |
| 57 | Naigaon Nagar Panchayat |
| 58 |   | Bhoom Municipal Council |
| 59 | Kalamb Municipal Council |
| 60 | Lohara Nagar Panchayat |
| 61 | Omerga Municipal Council |
| 62 | Paranda Municipal Council |
| 63 | Tuljapur Municipal Council |
| 64 | Naldurg Municipal Council |
| 65 | Washi Nagar Panchayat |
| 66 | Parbhani | Gangakhed Municipal Council |
| 67 | Manwath Municipal Council |
| 68 | Parbhani Municipal Corporation |
| 69 | Pathri Municipal Council |
| 70 | Purna Municipal Council |
| 71 | Sonpeth Municipal Council |
| 72 | Palam Nagar Panchayat |
| 73 | Amaravti | Anjangaon Surji Municipal Council |
| 74 | Morshi Municipal Council |
| 75 | Achalpur Municipal Council |
| 76 | Daryapur Municipal Council |
| 77 | Dhamangaon Municipal Council |
| 78 | Bhatkuli Nagar Panchayat |
| 79 | ChandurBazaar Municipal Council |
| 80 | ChandurRailway Municipal Council |
| 81 | Chikhaldara Hill Station Municipal Council |
| 82 | Dharani Nagar Panchayat |
| 83 | Nandgaon Khandeshwar Nagar Panchayat |
| 84 | Shendurjana Ghat Municipal Council |
| 85 | Tiwsa Nagar Panchayat |
| 86 | Warud Municipal Council |
| 87 | Akola | Barshi Takali Municipal Council |
| 88 | Akot Municipal Council |
| 89 | Balapur Municipal Council |
| 90 | Murtizapur Municipal Council |
| 91 | Patur Municipal Council |
| 92 | Telhara Municipal Council |
| 93 | Washim | Risod Municipal Council |
| 94 | Washim Municipal Council |
| 95 | Karanja Municipal Council |
| 96 | Malegaon Nagar Panchayat |
| 97 | Mangrulpir Municipal Council |
| 98 | Manora Nagar Panchayat |
| 99 | Buldhana | Nandura Municipal Council |
| 100 | Khamgaon Municipal Council |
| 101 | Lonar Municipal Council |
| 102 | Buldhana Municipal Council |
| 103 | Chikhli Municipal Council |
| 104 | Deulgaon Raja Municipal Council |
| 105 | Jalgaon Jamod Municipal Council |
| 106 | Malkapur-Buldhana Municipal Council |
| 107 | Mehkar Municipal Council |
| 108 | Motala Nagar Panchayat |
| 109 | Sangrampur Nagar Panchayat |
| 110 | Shegaon Municipal Council |
| 111 | Sindkhed Raja Municipal Council |
| 112 | Yavatmal | Umarkhed Municipal Council |
| 113 | Kalamb Nagar Panchayat |
| 114 | Darwha Municipal Council |
| 115 | Yavatmal Municipal Council |
| 116 | Ghatanji Municipal Council |
| 117 | Zari Jamani Nagar Panchayat |
| 118 | Ralegaon Nagar Panchayat |
| 119 | Wani Municipal Council |
| 120 | Arni Municipal Council |
| 121 | Babhulgaon Nagar Panchayat |
| 122 | Digras Municipal Council |
| 123 | Mahagaon Nagar Panchayat |
| 124 | Maregaon Nagar Panchayat |
| 125 | Ner Nababpur Nagar Parishad |
| 126 | Pandharkawada Municipal Council |
| 127 | Pusad Municipal Council |
| 128 | Nagpur | Kamptee Municipal Council |
| 129 | Umred Municipal Council |
| 130 | Wadi Municipal Council |
| 131 | Katol Municipal Council |
| 132 | Saoner Municipal Council |
| 133 | Khapa Municipal Council |
| 134 | Kalmeshwar Bramhani Municipal Council |
| 135 | Narkhed Municipal Council |
| 136 | Mohpa Municipal Council |
| 137 | Ramtek Municipal Council |
| 138 | Mowad Municipal Council |
| 139 | Kanhanpipri Municipal Council |
| 140 | Wanadongri Municipal Council |
| 141 | Butibori Municipal Council |
| 142 | Mouda Nagar panchyat |
| 143 | Mahadula Nagar panchyat |
| 144 | Kuhi Nagar Panchayat |
| 145 | Hingana Nagar panchyat |
| 146 | Bhiwapur Nagar panchyat |
| 147 | Parseoni Nagar panchyat |
| 148 | Wardha | Wardha Municipal Council |
| 149 | Hinganghat Municipal Council |
| 150 | Arvi Municipal Council |
| 151 | Pulgaon Municipal Council |
| 152 | Deoli Municipal Council |
| 153 | Sindi Rly. Municipal Council |
| 154 | Karanja Nagar panchyat |
| 155 | Ashti Municipal Council |
| 156 | Seloo Nagar panchyat |
| 157 | Samudrapur Nagar panchyat |
| 158 | Bhandara | Bhandara Municipal Council |
| 159 | Tumsar Municipal Council |
| 160 | Pauni Municipal Council |
| 161 | Sakoli Municipal Council |
| 162 | Mohadi Nagar panchyat |
| 163 | Lakhani Nagar panchyat |
| 164 | Lakhandur Nagar panchyat |
| 165 | Gondia | Gondia Municipal Council |
| 166 | Tirora Municipal Council |
| 167 | Goregaon Nagar panchyat |
| 168 | Arjuni Nagar panchyat |
| 169 | Sadak Arjuni Nagar panchyat |
| 170 | Deori Nagar panchyat |
| 171 | Salekasa Nagar panchyat |
| 172 | Amgaon Nagar Panchayat |
| 173 | Chandrapur | Chandrapur Municipal Corporation |
| 174 | Ballarpur Municipal Council |
| 175 | Bhadrawati Municipal Council |
| 176 | Warora Municipal Council |
| 177 | Rajura Municipal Council |
| 178 | Bramhapuri Municipal Council |
| 179 | Mul Municipal Council |
| 180 | Gadchandur Municipal Council |
| 181 | Chimur Municipal Council |
| 182 | Nagbhid Municipal Council |
| 183 | Sindewahi Nagar panchyat |
| 184 | Saoli Nagar panchyat |
| 185 | Pombhurna Nagar panchyat |
| 186 | Gondpipri Nagar panchyat |
| 187 | Korpana Nagar panchyat |
| 188 | Jiwati Nagar panchyat |
| 189 | Gadchiroli | Gadchiroli Municipal Council |
| 190 | Desaiganj Municipal Council |
| 191 | Armori Municipal Council |
| 192 | Kurkheda Nagar panchyat |
| 193 | Korchi Nagar panchyat |
| 194 | Dhanora Nagar panchyat |
| 195 | Chamorshi Nagar panchyat |
| 196 | Mulchera Nagar panchyat |
| 197 | Etapalli Nagar panchyat |
| 198 | Bhamragad Nagar panchyat |
| 199 | Aheri Nagar panchyat |
| 200 | Sironcha Nagar panchyat |
| 201 | Thane | Bhiwandi-Nizampur City (M Corp.) |
| 202 | Shahapur Nagar Panchayat |
| 203 | Murbad Nagar Panchayat |
| 204 | Palghar | Talasari Nagar Panchayat |
| 205 | Mokhada Nagar Panchayat |
| 206 | Vikramgad Nagar Panchayat |
| 207 | Wada Nagar Panchayat |
| 208 | Palghar Municipal Council |
| 209 | Dahanu Municipal Council |
| 210 | Jawhar Municipal Council |
| 211 | Raigad | Murud Janjira Municipal Council |
| 212 | Roha Municipal Council |
| 213 | Mangaon Nagar Panchayat |
| 214 | Khopoli Municipal Council |
| 215 | Panvel Municipal Corporation |
| 216 | Alibagh Municipal Council |
| 217 | Pen Municipal Council |
| 218 | Uran Municipal Council |
| 219 | Shrivardhan Municipal Council |
| 220 | Matheran Municipal Council |
| 221 | Karjat Municipal Council |
| 222 | Mhasala Municipal Council |
| 223 | Tala Nagar Panchayat |
| 224 | Poladpur Nagar Panchayat |
| 225 | Khalapur Nagar Panchayat |
| 226 | Ratnagiri | Ratnagiri Municipal Council |
| 227 | Chiplun Municipal Council |
| 228 | Khed Municipal Council |
| 229 | Dapoli Municipal Council |
| 230 | Devrukh Nagar Panchayat |
| 231 | Guhagar Nagar Panchayat |
| 232 | Lanja Nagar Panchayat |
| 233 | Mandangad Nagar Panchayat |
| 234 | Sindhudurg | Malvan Municipal Council |
| 235 | Sawantvadi Municipal Council |
| 236 | Kasai-Dodamarg Nagar Panchayat |
| 237 | Kudal nagar Panchayat |
| 238 | Devgad Jamsande Nagar Panchayat |
| 239 | Kankavli Municipal Council |
| 240 | Vaibhavwadi Nagar Panchayat |
| 241 | Vengurla Municipal Council |
| 242 | Pune | Alandi Municipal Council |
| 243 | Baramati Municipal Council |
| 244 | Bhor Municipal Council |
| 245 | Chakan Municipal Council |
| 246 | Daund Municipal Council |
| 247 | Indapur Municipal Council |
| 248 | Junnar Municipal Council |
| 249 | Lonavala Municipal Council |
| 250 | Rajgurunagar Municipal Council |
| 251 | Saswad Municipal Council |
| 252 | Shirur Municipal Council |
| 253 | Talegaon Dabhade Municipal Council |
| 254 | Vadgaon Nagar Panchayat |
| 255 | Sangli | Ashta Municipal Council |
| 256 | Islampur Municipal Council |
| 257 | Jath Municipal Council |
| 258 | Kadegaon Nagar Panchayat |
| 259 | Kavathemahankal nagar Panchayat |
| 260 | Khanapur Nagar Panchayat |
| 261 | Palus Municipal Council |
| 262 | Shirala Nagar Panchayat |
| 263 | Tasgaon Municipal Council |
| 264 | Vita Municipal Council |
| 265 | Solapur | Solapur Municipal Corporation |
| 266 | Barshi Municipal Council |
| 267 | Akkalkot Municipal Council |
| 268 | Dudhani Municipal Council |
| 269 | Karmala Municipal Council |
| 270 | Kurduwadi Municipal Council |
| 271 | Madha Nagar Panchayat |
| 272 | Mandargi Municipal Council |
| 273 | Malshiras Nagar Panchayat |
| 274 | Mangalwedha Municipal Council |
| 275 | Mohol Nagar Panchayat |
| 276 | Pandharpur Municipal Council |
| 277 | Sangola Municipal Council |
| 278 | Kolhapur | Kolhapur Municipal Corporation |
| 279 | Ichalkaranji Municipal Council |
| 280 | Gadhinglaj Municipal Council |
| 281 | Hupari Municipal Council |
| 282 | Jaysingpur Municipal Council |
| 283 | Kagal Municipal Council |
| 284 | Kurundwad Municipal Council |
| 285 | Malkapur Municipal Council |
| 286 | Murgud Municipal Council |
| 287 | Panhala Municipal Council |
| 288 | Vadgaon Municipal Council |
| 289 | Shirol Municipal Council |
| 290 | Aajra Nagar Panchayat |
| 291 | Satara | Dahiwadi Nagar Panchayat |
| 292 | Karad Municipal Council |
| 293 | Khandala Nagar Panchayat |
| 294 | Koregaon Nagar Panchayat |
| 295 | Lonand Nagar Panchayat |
| 296 | Mahabaleshwar Municipal Council |
| 297 | Malkapur Nagar Panchayat |
| 298 | Medha Nagar Panchayat |
| 299 | Mahaswad Municipal Council |
| 300 | Panchgani Municipal Council |
| 301 | Patan Nagar Panchayat |
| 302 | Phaltan Municipal Council |
| 303 | Rahimatpur Municipal Council |
| 304 | Satara Municipal Council |
| 305 | Vaduj Nagar Panchayat |
| 306 | Wai Municipal Council |
| 307 | Nashik | Sinnar Municipal Council |
| 308 | Yeola Municipal Council |
| 309 | Dindori Nagar Panchayat |
| 310 | Chandwad Municipal Council |
| 311 | Deola Nagar Panchayat |
| 312 | Igatpuri Municipal Council |
| 313 | Kalwan Nagar Panchayat |
| 314 | Manmad Municipal Council |
| 315 | Nandgaon Municipal Council |
| 316 | Niphad Nagar Panchayat |
| 317 | Peth Nagar Panchayat |
| 318 | Satana Municipal Council |
| 319 | Surgana Nagar Panchayat |
| 320 | Trimbakeshwar Municipal Council |
| 321 | Ahmednagar | Shrirampur Municipal Council |
| 322 | Rahuri Municipal Council |
| 323 | Deolali Municipal Council |
| 324 | Shevgaon Municipal Council |
| 325 | Akole Nagar Panchayat |
| 326 | Karjat Nagar Panchayat |
| 327 | Kopargaon Municipal Council |
| 328 | Newasa Nagar Panchayat |
| 329 | Parner Nagar Panchayat |
| 330 | Pathardi Municipal Council |
| 331 | Rahata Pimplas Municipal Council |
| 332 | Sangamner Municipal Council |
| 333 | Shirdi Nagar Panchayat |
| 334 | Srigonda Municipal Council |
| 335 | Nandurbar | Shahada Municipal Council |
| 336 | Dhadgaon Wadphalya-Roshmal Bu Nagar Panchayat |
| 337 | Navapur Municipal Council |
| 338 | Taloda Municipal Council |
| 339 | Jalgaon | Jalgaon Municipal Corporation |
| 340 | Pachora Municipal Council |
| 341 | Bodwad Nagar Panchayat |
| 342 | Savda Municipal Council |
| 343 | Bhusawal Municipal Council |
| 344 | Erandol Municipal Council |
| 345 | Bhadgaon Municipal Council |
| 346 | Chalisgaon Municipal Council |
| 347 | Faizpur Municipal Council |
| 348 | Jamner Municipal Council |
| 349 | Parola Municipal Council |
| 350 | Raver Municipal Council |
| 351 | Varangaon Municipal Council |
| 352 | Yawal Municipal Council |
| 353 | Muktainagar Nagar Panchayat |
| 354 | Dhule | Dondaicha-Varwade Municipal Council |
| 355 | Sakri Nagar Panchayat |
| 356 | Sindkheda Municipal Council |
| 1. **Agreement Signed Maharashtra (From Jan'19 to June'19)**
 |
|
| Sr. No. | **District Name** | **ULB Names** |
| 1 | Akola | Akola Municipal Corporation |
| 2 | Thane | Badlapur Municipal Council |
| 3 | Kolhapur | Kolhapur Municipal Corporation |
| 4 | Jalgaon | Shendurni Municipal Council |
| 5 | Pune | Pune Municipal Corpration |
| 6 | Raigad | Khallapur Municipal Council |

**EV Charging Infrastructures**

|  |  |  |
| --- | --- | --- |
| **Sl. No.** | **MoU signed with** | **Date of Agreement Signed** |
| 1 | New Delhi Municipal Council (NDMC) | 09/01/2019 |
| 2 | Ahmedabad Municipal Corporation (AMC) | 05/06/2019 |
| 3 | Chennai Metro Rail Limited (CMRL) | 15/04/2019 |
| 4 | Jaipur Metro Rail Corporation | 14/06/2019 |

**Tri-generation**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **MoU/Agreement Signed with** | **Venue** | **Date** |
| 1 | Tripartite MoU – Signing with PWD and Medical Education & Drugs department of Govt of Maharashtra for implementation of Trigeneration Technology in Govt Hospitals across Maharashtra. | Vidhan Bhawan, Nariman Point, Mumbai | 22nd November 2018 |
| 2 | Tripartite MoU – Signing with PWD & General Administration Dept. GAD (Protocol) of Govt of Maharashtra for implementation of Trigeneration Technology in Govt Buildings across Maharashtra. | Vidhan Bhawan, Nariman Point, Mumbai | 22nd November 2018 |
| 3 | Tripartite MoU – Signing with PWD & Tribal development department (TDD) of Govt of Maharashtra for implementation of Trigeneration Technology in Govt Buildings across Maharashtra. | VIDHAN BHAVAN , NARIMAN POINT , MUMBAI | 22nd November 2018 |
| 4 | MoU signing with Mahanagar Gas Limited (MGL) to support Trigeneration in Mumbai | Mumbai | 04th Jan 2019 |
| 5 | MoUs Signed – MNGL & IGS - Castrol | The Taj Mahal Palace, Mumbai | 24th Jan 2019 |
| 6 | Agreement signing with Mahindra & Mahindra for Implementation of Trigeneration System | Mumbai | 18th Jan 2019 |
| 7 | Signing of Service Level Agreement with Mahindra & Mahindra | Mumbai | 17th Jan 2019 |
| 8 | Trigeneration MoU signing with Shell | Delhi | 24th May 2019 |
| 9 | Trigeneration MoU signing with Indraprastha Gas Limited | Delhi | 30th Apr 2019 |
| 10 | MoU Signing with Innovative Infocom IT Parks | Mumbai | 12th April 2019 |
| 11 | MoU signing with Gujarat Gas | Ahmedabad | 22nd June 2019 |
| 12 | MoU signing with Astha Power | Delhi | 3rd May 2019 |

**Super-Efficient AC Program**

|  |  |  |
| --- | --- | --- |
| **Sl No.** | **MoU signed with** | **Date** |
| 1. | BSES Rajdhani Power Ltd. | 22.02.2019 |
| 2. | BSES Yamuna Power Ltd. | 05.03.2019 |
| 3. | TATA Power DDL | 24.05.2019 |

**Annexure 2 - Meetings held under GEF-6**

**SLNP**

| **Details of Meetings held in SLNP From period Jan'18 to Dec'18 & Jan'19 to June'19** |
| --- |
|
| **Meeting type** | **Title** | **Venue** | **Dates** | **Convened by** | **Organized by** | **Number of participants** | **Report issued Yes/No** | **Language** | **Dated** |
| Vendors Meet | CCMS Vendors Meet | Scope Complex  | 03-12-2018 | COO, CGM(F) & NPM-SLNP | EESL-SLNP Department | 32 Numbers | Yes (MoM) | English | 06-12-2018 |
| Vendors Meet | CCMS Vendors Meet | EESL, Jaipur | 06-02-2019 | NPM-SLNP, RM-Rajasthan | RO - RajasthanSLNP Department | 15 Numbers | Yes (MoM) | English | 06-02-2019 |
| Vendors Meet | CCMS Vendors Meet | EESL, Jaipur | 07-05-2018 | RM-Rajasthan (RS) | RO - RajasthanSLNP Department | 14 Numbers | Yes (MoM) | English | 07-05-2018 |
| Vendors Meet | CCMS Vendors Meet | EESL, Jaipur | 10-07-2018 | RM-Rajasthan (RS) | RO - RajasthanSLNP Department | 19 Numbers | Yes (MoM) | English | 10-07-2018 |
| Vendors Meet | CCMS Vendors Meet | EESL, Jaipur | 15-10-2018 | RM-Rajasthan (RS) | RO - RajasthanSLNP Department | 07 Numbers | Yes (MoM) | English | 15-10-2018 |
| Vendors Meet | CCMS Vendors Meet | EESL, Jaipur | 10-01-2019 | RM-Rajasthan (RS) | RO - RajasthanSLNP Department | 05 Numbers | Yes (MoM) | English | 10-01-2019 |
| Vendors Meet | CCMS Vendors Meet | EESL, Jaipur | 26-02-2019 | RM-Rajasthan (RS) | RO - RajasthanSLNP Department | 04 Numbers | Yes (MoM) | English | 26-02-2019 |
| Vendors Meet | CCMS Vendors Meet | EESL, Vijaywada | 15-11-2018 | DM-EESL, Sr. Eng. – EESL | RO – Vijaywada SLNP Department | 05 Numbers | Yes (MoM) | English | 15-11-2018 |
| Vendors Meet | CCMS Vendors Meet | EESL, Guntur & Vijaywada | 13-11-2018 | DM-EESL, Sr. Eng. – EESL | RO – Vijaywada SLNP Department | 15 Numbers | Yes (MoM) | English | 13-11-2018 |
| Vendors Meet | CCMS & Street Lights Vendors Meet | EESL, West Godawari, Ananthpur, AP | 13-11-2018 | DM-EESL, Sr. Eng. – EESL | RO – Vijaywada SLNP Department | 09 Numbers | Yes (MoM) | English | 13-11-2018 |
| Vendors Meet | Street Lights Vendors Meet | EESL, Kaveli & Kurnool, ULB’s of AP | 13-11-2018 | Sr. Manager & Dy Managr – EESL | RO – Vijaywada SLNP Department | 09 Numbers | Yes (MoM) | English | 13-11-2018 |
| Vendors Meet | Street Lights Vendors Meet | EESL, West Godawari, Nellore, Ongole ULB’s & CRDA of AP | 13-11-2018 | Sr. Manager & Dy Managr – EESL | RO – Vijaywada SLNP Department | 10 Numbers | Yes (MoM) | English | 13-11-2018 |
| Vendors Meet | CCMS & Street Lights Vendors Meet | EESL, Vijaywada | 23-10-2018 | DM-EESL, Sr. Eng. – EESL | RO – Vijaywada SLNP Department | 05 Numbers | Yes (MoM) | English | 23-10-2018 |
| Vendors Meet | Street Lights Vendors Meet | EESL, Vijaywada | 09-01-2019 | DGM-Tech., AP | RO – Vijaywada SLNP Department | 05 Numbers | Yes (MoM) | English | 09-01-2019 |
| Vendors Meet | CCMS & Street Lights Vendors Meet | EESL, Vijaywada | 04-07-2018 | RM-Vijaywada | RO – Vijaywada SLNP Department | 10 Numbers | Yes (MoM) | English | 04-07-2018 |
| Vendors Meet | CCMS Vendors Meet | EESL, Vijaywada | 05-02-2019 | Sr. Engineer, AP | RO – Vijaywada SLNP Department | 06 Numbers | Yes (MoM) | English | 05-02-2019 |
| Vendors Meet | CCMS Vendors Meet | EESL, Vijaywada | 15-11-2018 | Dy Manager, AP | RO – Vijaywada SLNP Department | 05 Numbers | Yes (MoM) | English | 15-11-2018 |
| Vendors Meet | CCMS Vendors Meet | EESL, Vijaywada | 04-02-2019 | Sr. Engineer,AP | RO – Vijaywada SLNP Department | 06 Numbers | Yes (MoM) | English | 04-02-2019 |

**AgDSM**

| **S No**  | **Title of Meeting** | **Type of Meeting** | **Venue** | **Date** | **Number of Participants** | **Meeting Summary and Remarks** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | AgDSM Meeting with APEPDCL Officials | AgDSM installation Review and Invoice status Meeting | APEPDCL Corporate Office | 08-02-2018 | 15 | There were two meetings , One with CMD sir was to review the AgDSM installation and the comments from the SCADA team regarding the feeder consumption difference. The sencod meeting was with finance officials from APEPDCL to review method and format of billing to ease processing of invoices. |
| 2 | AgDSM Software review meeting | AgDSM Software review meeting | EESL Visakhapatnam Office | 08-02-2018 | 5 | Meeting with software developer Mr Vikiraj from Cruxbytes Consultancy to resolve issues with AgDSM software to ease the installation process. |
| 3 | AgDSM Software training session for Installation agencies | AgDSM software Training session | EESL Visakhapatnam Office | 17-02-2018 | 19 | Training sesssions conducted for installation agencies to use AgDSM software to successfully link control panel to software. |
| 4 | AgDSM Software training session for Installation agencies | AgDSM software Training session | EESL Regional Office. Ashoknagar Vijayawada | 19-02-2018 | 28 |
| 5 | AgDSM Software training session for Installation agencies | AgDSM software Training session | EESL Regional Office. Ashoknagar Vijayawada | 20-02-2018 | 27 |
| 6 | AgDSM meeting with APSPDCL Officials | Discussion regarding invoice processing and project progress | EESL Regional Office. Ashoknagar Vijayawada | 23-04-2018 | 9 | Meeting with Director finance and gm energy to review data of AgDSM and format of finance processing |
| 7 | AgDSM meeting with APSPDCL Officials | Discussion regarding invoice processing and project progress | EESL Regional Office. Ashoknagar Vijayawada | 18-06-2018 | 5 | Meeting with APSPDCL CMD, Director finance and GM Energy audit to discuss processing of invoice and project installation review. |
| 8 | AgDSM Installation review meeting with Duke Plasto | Project Review and discussion regarding action plan for future | EESL Regional Office. Ashoknagar Vijayawada | 25-06-2018 | 15 | Meeting was held with respective manufacturer in forenoon and afternoon sessions with respective installation agency representative and control panel manufacturer representative to understand on field installation issues and farmer awareness levels. It was understood to develop an installation agency safety manual to help them perform installation in line with the safety standards |
| 9 | AgDSM Installation review meeting with CRI | Project Review and discussion regarding action plan for future | EESL Regional Office. Ashoknagar Vijayawada | 25-06-2018 | 8 |
| 10 | AgDSM Installation review meeting with Varuna | Project Review and discussion regarding action plan for future | EESL Regional Office. Ashoknagar Vijayawada | 26-06-2018 | 12 |
| 11 | AgDSM Installation review meeting with Crompton Greaves | Project Review and discussion regarding action plan for future | EESL Regional Office. Ashoknagar Vijayawada | 26-06-2018 | 13 |
| 12 | Meeting with Anantapur Installation agencies | Project installation, data submission Review and discussion regarding action plan for future | EESL Regional Office. Ashoknagar Vijayawada | 02-07-2018 | 14 | Meeting was held with respective installation agencies in forenoon and afternoon sessions to understand on field installation issues, data submission review and farmer awareness levels. Key points of installation agency safety manual were finalized and farmer awarenesss methods were also discussed |
| 13 | Meeting with Vijayawada Installation agencies | Project installation, data submission Review and discussion regarding action plan for future | EESL Regional Office. Ashoknagar Vijayawada | 02-07-2018 | 19 |
| 14 | Meeting with Ongole Installation agencies | Project installation, data submission Review and discussion regarding action plan for future | EESL Regional Office. Ashoknagar Vijayawada | 03-07-2018 | 21 |
| 15 | Meeting with Guntur Installation agencies | Project installation, data submission Review and discussion regarding action plan for future | EESL Regional Office. Ashoknagar Vijayawada | 03-07-2018 | 22 |
| 16 | 1 Lakh pump AgDSM Project in the state of Andhra Pradesh | Project Review Meeting | EESL Regional Office. Ashoknagar Vijayawada | 06-Jul-18 | 9 | Project review meeting chaired by RM, Andhra Pradesh was to recognize how far the project has preogressed and what measures had to be taken to finish the project |
| 17 | Andhra Pradesh Energy department review meeting | Inter governmental Meeting | Vidyut Soudha ,Gunadala Andhra Pradesh | 30-Sep-18 | 40+ | Project review meeting chaired by Energy secretary State of Andhra Pradesh to study the current status of the project. |
| 18 | 1 Lakh pump AgDSM Project in the state of Andhra Pradesh | Project Review Meeting | EESL Regional Office. Ashoknagar Vijayawada | 05-Oct-18 | 30 | Project review meeting chaired by GM-BD, EESL was to recognize how far the project has preogressed and what measures had to be taken to finish the project |
| 19 | Farmer awareness session for AgDSM Project. For Submersible pump project. | Consumer griveance redressal targeted Workshop | Nyayampalli Village, Eluru Circle | 19-11-2018 | 35 | Farmer grieviance redressal meeting arranged by APEPDCL and EESL with support from pump manufacturer (La Gajjar), smart control panel representative and repair and maintainance officials. |
| 20 | AgDSM installation review meeting with Duke Plasto | Project Review and discussion regarding action plan for future | EESL Regional Office. Ashoknagar Vijayawada | 01-08-2019 | 7 | Meeting was held with respective manufacturer to understand on field installation issues and farmer awareness levels. It was understood to develop an installation agency safety manual to help them perform installation in line with the safety standards |
| 21 | AgDSM Review Meeting at APSPDCL Corporate Office | To review the implementation of AgDSM Project under APSDPCL | APSPDCL Corporate office, Tirupati | 04-02-2019 | 38 | APSPDCL officials (CMD,SEs and DEs), all EESL district incharges involved in the AgDSM project & all PwC district incharges attended the meeting. discussed the issues in the submission of data, handing over of old pumps, devolution process, issues in installation etc., |
| 22 | AgDSM review meeting with manufactures M/s Varuna/CG/Dukeplasto/CRI | Project Review and discussion regarding action plan to conduct awarness program | EESL Regional Office. Ashoknagar Vijayawada | 04-04-2019 | 9 | Meeting was held with respective manufacturer to conduct the smart control panel awarness programm in the respective circles supplied by manufacture and to provide the tentative schedule |
| 23 | Review meeting with DISCOM officials Viayawada and installation agencies | Regarding discrepancy in submission of old motors to discom godown | Chatrai Section office ,vijayawada | 23/4/2019 | 13 | Meeting was held with agencies working in chatrai section and Discom Officials regarding discrepancy in submission of old motors to discom godown. |
| 24 | AgDSM review and Project activities and a way forward | Project Review Meeting | EESL Regional Office. Ashoknagar Vijayawada | 05-01-2019 | 8 | Project review meeting chaired by RM, Andhra Pradesh discussed on long term pending issue Devolutions/Pre-post measurements/Invoices/Savings reports/actions plans |
| 25 | Review meeting with DISCOM officials Viayawada and installation agencies | Regarding discrepancy in submission of old motors to discom godown | EESL Regional Office. Ashoknagar Vijayawada | 21/05/2019 | 8 | Meeting was held with agencies working in chatrai section and Discom Officials regarding discrepancy in submission of old motors to discom godown. Directed the installation agencies to submit the pending motors |
| 26 | AgDSM implenetation meeting | Inter-governmental meeting | Shakti Bhawan UPPCL | 02-01-2018 | 12 | Official Meet |
| 27 | Farmer Workshop | WorkShop | Varanasi | 27-02-2018 | 16 | Official Meet |
| 28 | Meeting on Kishan uday Scheme | Inter-governmental meeting | Shakti Bhawan UPPCL | 08-03-2018 | 6 | Official Meet |
| 29 | Meeting request for Pumps Installtion in UP | expert group meeting | Shakti Bhawan UPPCL | 21-03-2018 | 10 | Official Meet |
| 30 | Meeting-on-15th-May-2018 | Inter-governmental meeting | Shakti Bhawan UPPCL | 15-05-2018 | 5 | Official Meet |
| 31 | Meeting-UP AGDSM | Review & Planing meeting | EESL RO OFFICE | 19-07-2018 | 7 | Official Meet |
| 32 | AgDSM implenetation meeting | Inter-governmental meeting | MD DVVNL OFFICE | 05-07-2018 | 2 | Official Meet |
| 33 | Review meeting \_ AgDSM UP 2018 | consultation workshop | EESL RO OFFICE | 13-09-2017 | 6 | Official Meet |
| 34 | KfW support on AgDSM - Site Visits around Varanasi | Inter-governmental meeting | Shakti Bhawan UPPCL | 12-11-2018 | 14 | Official Meet |
| 35 | meeting with Kfw | expert group meeting | Shakti Bhawan UPPCL | 22-11-2018 | 6 | Official Meet |
| 36 | Visit&Meeting-for-Kisan-Uday in the presence of DISCOM  | inception workshop | Raebareli | 27-12-2018 | 11 | Official Meet |
| 37 | Meeting on 5th January-2019 under AgDSM UP  | Inter-governmental meeting | Shakti Bhawan UPPCL | 05-01-2019 | 4 | Official Meet |
| 38 | Review Meeting at Lucknow Regional office  | PSC meeting | EESL RO OFFICE | 10-01-2019 | 8 | Official Meet |
| 39 | Meeting -UP AgDSM | Inter-governmental meeting | Shakti Bhawan UPPCL | 11-02-2019 | 3 | Official Meet |
| 40 |  meeting dated 08-03-2019 Kisan Uday Pump Distribution Scheme | Inter-governmental meeting | UPNEDA | 08-03-2019 | 6 | Official Meet |
| 41 | AgDSM implenetation review meeting | Inter-governmental meeting | Shakti Bhawan UPPCL | 16-04-2019 | 3 | Official Meet |
| 42 | Kishan Uday -Supplier payment Analysis | Inter-governmental meeting | Shakti Bhawan UPPCL | 02-05-2019 | 7 | Official Meet |
| 43 | Kishan Uday -Supplier payment Analysis | Inter-governmental meeting | Shakti Bhawan UPPCL | 21-05-2019 | 8 | Official Meet |
| 44 | Visit&Meeting-for-Kisan-Uday in the presence of DISCOM  | Inter-governmental meeting | Dadari power house | 17-05-2019 | 5 | Official Meet |
| 45 |  Review Meeting at Lucknow RO | Review & Planing meeting | EESL RO Office | 16-07-2019 | 5 | Official Meet |

**Tri-generation**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No.** | **Title of Meeting** | **Type of Meeting** | **Venue** | **Date** | **No. of Participants** |
| 1 | Meeting between CMD GAIL & MD EESL | To support Trigeneration Technology by availability and feasible rate of Natural Gas. | Delhi | 6th Dec 2018 | 5 |
| 2 | Meeting of EESL with PWD and Medical Education & Drugs department of Govt of Maharashtra | Tripartite MoU – Signing for implementation of Trigeneration Technology in Govt Hospitals across Maharashtra. | Vidhan Bhawan, Nariman Point, Mumbai | 22nd November 2018 | 8 |
| 3 | Meeting of EESL with PWD & General Administration Dept. GAD (Protocol) of Govt of Maharashtra | Tripartite MoU – Signing for implementation of Trigeneration Technology in Govt Buildings across Maharashtra. | Vidhan Bhawan, Nariman Point, Mumbai | 22nd November 2018 | 8 |
| 4 | Meeting of EESL with PWD & Tribal development department (TDD) of Govt of Maharashtra. | Tripartite MoU – Signing for implementation of Trigeneration Technology in Govt Buildings across Maharashtra. | VIDHAN BHAVAN , NARIMAN POINT , MUMBAI | 22nd November 2018 | 8 |
| 5 | Meeting & Site Visit - Edina Team to JJ Hospital Mumbai & Sassoon Hospital Pune | Trigeneration Feasibility Study | Mumbai & Pune | Dec-18 | 6 |
| 6 | Meeting with Mahanagar Gas Limited (MGL) | Set up of Trigeneration in their premises & MoU to support Trigeneration in Mumbai | Mumbai | 04th Jan 2019 | 8 |
| 7 | Meeting with ST Telemedia - Data Center | Meeting & Discussion on Trigeneration | Mumbai | 16th Jan 2019 | 5 |
| 8 | Meeting with Secretary –MEDD, Govt of Maharashtra | Signing of Term Sheet for implementation of Trigeneration in JJ Hospital, Mumbai & Sassoon Hospital, Pune | Office of Secretary, MEDD, Mumbai | 23rd Jan 2019 | 10 |
| 9 | Meeting with Energy Secretary, Govt of Maharashtra | To brief about the Feasibility report of Trigeneration in JJ Hospital, Mumbai & Sassoon Hospital, Pune | Mantralaya, Mumbai | 23rd Jan 2019 | 10 |
| 10 | Workshop to establish an ecosystem on Trigeneration Technology | Panel DiscussionMoUs Signed – MGL, MNGL & IGS - Castrol | The Taj Mahal Palace, Mumbai | 24th Jan 2019 | 60 |
| 11 | Meeting with Mahindra & Mahindra | To Sign Service Level Agreement for Implementation of Trigeneration System | Mumbai | 18th Jan 2019 | 10 |
| 12 | Meeting with Viviana Mall, Thane | Trigeneration Site visit to DeenaNath Mangeskar Hospital, Pune | Pune | 04th Apr 2019 | 5 |
| 13 | Meeting with Phoenix Mall | Scope and Feasibility of Trigeneration in Phoenix Mall | Phoenix Mall | 25th January | 5 |
| 14 | Meeting with Sassoon Hospital Officials , Dy. Engineer PWD Pune | Meeting & Discussion on Trigeneration | Pune | 2nd Apr 2019 | 4 |
| 15 | Meeting PWD, Health Secretary, MGL and JJ Hospital | Discussion on Term sheet for JJ Hospital, Mumbai & Sassoon Hospital, Pune. | Mumbai | 8th March 2019 | 10 |
| 16 | Meeting with Mahindra & Mahindra and Edina UK Limited | Project Kick-off at Mahindra & Mahindra | Mumbai | 28th Feb 2019 | 10 |
| 17 | Meeting with Mahindra & Mahindra | Signing of Service Level Agreement with Mahindra & Mahindra | Mumbai | 17th Jan 2019 | 10 |
| 18 | Meeting with Additional Chief Secretary, Govt. of Maharashtra | Submission of Project Term Sheet for JJ Hospital, Mumbai & Sassoon Hospital, Pune. | Mumbai | 17th Jan 2019 | 5 |
| 19 | Meetings with Arizest Pharma, KSIDC, Phoenix Mall, Gail Gas. | Discussion on Scope & Feasibility of Trigeneration in Bangalore. | Bangalore | 18th March 2019 | 10 |
| 20 | Meeting with Dean JJ Hospital Mumbai | Detailed discussion on Term sheet | Mumbai | 25th Jan 2019 | 6 |
| 21 | Meeting with Castrol | Discussion on Trigeneration system for Castrol Plant in Mumbai | Mumbai | 13th March 2019 | 4 |
| 22 | Meeting with VR mall | Discussion on Scope and feasibility of Trigeneration | Delhi | 19th March 2019 | 10 |
| 23 | Meeting with ESIC | Discussion on Scope & Feasibility of Trigeneration | Delhi | 12th April 2019 | 25 |
| 24 | Meeting with Shell | Trigeneration MoU signing | Delhi | 24th May 2019 | 7 |
| 25 | Meeting Indraprastha Gas Limited | Trigeneration MoU signing | Delhi | 30th Apr 2019 | 10 |
| 26 | Meeting with CEA | Discussion on Scope & Feasibility of Trigeneration | Delhi | 17th May 2019 | 6 |
| 27 | Meeting with Innovative Infocom IT Parks | MoU Signing | Mumbai | 12th April 2019 | 16 |
| 28 | Meeting - Astha Power | Discussion on Scope & Feasibility of Trigeneration | Hyderabad | 18 Apr-19 | 5 |
| 29 | Meeting with Innovative Infocom | Site visit | Navi Mumbai | 26th April 2019 | 8 |
| 30 | Meeting with Novartis Health Care | Site visit for feasibility analysis | Kalwe site , MIDC , Navi Mumbai | 23rd May 2019 | 5 |
| 31 | Meeting with CFO - ST Telemedia | Discussion on Feasibility of Trigeneration | BKC Area , Mumbai | 04th Jjune 2019 |  |
| 32 | Meeting with Gujarat Gas | MoU signing | Ahmedabad | 22nd June 2019 | 15 |
| 33 | Meeting with Astha Power | MoU signing | Delhi | 3rd May 2019 | 10 |

**Annexure 3 - RFPs/Tenders under GEF-6**

**Street Lighting**

| **Details of Tenders SLNP from period Jan'18 to Dec'18 & Jan'19 to June'19** |
| --- |
|
| **Sr. No.** | **Tender name** | **NIT/Bid Doc No.** | **Floating Date** | **Quantity** | **SL/CCMS** |
| 1 | Smart Meter based Streetlight Control System for lighting control of installed LED Streetlights in the Urban Local Bodies (ULBs) of PAN India Ongoing and Upcoming Streetlight Projects) | EESL/06/2018-19/SLNP/Smart Meter/LT | 12-07-2018 | 12000 | CCMS |
| 2 | Design, Manufacture, Testing, Supply and 10 years warranty of LED StreetLights and other related works in Gram Panchayats in the state of Andhra Pradesh. | EESL/06/2018-19/ICB/SLNP-AP/1819108019 | 28-08-2018 | 1000000 | SL |
| 3 | Design, Manufacture, Supply, Testing, Installation (Retrofit), Commissioning, Maintenance and 7 years warranty of LED streetlights and other related works under all India SLNP | EESL/06/2018-19/SQL/SLNP/181912033 | 28/12/20018 | 600000 | SL |
| 4 | Design, Manufacturing, Supply, Installation, Commissioning, Testing, operationand Maintenance of lighting controls (CCMS) for installed LED SL in all Gram Panchayat of Andhra Pradesh | EESL/06/2018-19/SQL/SLNP/CCMS/AP-GP/181908017 | 13-08-2018 | 40000 | CCMS |
| 5 | Design, Manufacture, Testing, Supply & 7 years Warranty of 1,000,000 LED Street Lights and other Related works under Pan India –SLNP. | EESL/2018-19/ICB/Phase-II/SLNP-181902039 | 15-02-2019 | 1000000 | SL |
| 6 | Design, Manufacturing, Supply, Installation, Commissioning, Testing, operationand Maintenance of CCMS/ Smart Meter based CCMS/Any other relevant Street Light controlledTechnology for lighting control of installed LED lights in the ULBs of PAN India Ongoing & upcoming project | EESL/06/SQL/CCMS/PAN-INDIA/181901039 | 06-02-2019 | 45436 | CCMS |
| 7 | Design, Manufacture, Supply, Testing, Installation (Retrofit), Commissioning, Maintenance and 7 years warranty of LED streetlights and other related works on PAN India basis under SLNP | EESL/06/2019-20/SQL/SLNP/LTE/PAN-INDIA | 24.05.2019 | 470000 | SL |

**UJALA**

|  |  |  |
| --- | --- | --- |
| **Sl. No.** | **Tender Description** | **Date** |
| 1 | International Competitive bidding for “Design, Engineering, Manufacture, Assembling, Inspection, Testing at Manufacturer’s Works before dispatch, Packing, Supply, Delivery to site, including insurance during transit and subsequent delivery of 60 Million Self- Ballasted 9 Watt LED Bulbs on PAN-INDIA basis | 23.05.2018 |
| 2 | Design, Manufacture, Supply and replacement of Self- Ballasted 9 Watt LED Bulbs with 3 years warranty for Odisha State and other related works on behalf of OPTCL | 29.08.18 |
| 3 | Design, Manufacture, Supply of 3 million no. of 20 Watt LED baton with 1.5 and 5 yrs. Standard warranty and other related works on PAN India Basis  | 29.10.18 |

1. Date of the last signature on the legal instrument [↑](#footnote-ref-1)
2. For joint projects and where applicable ratings should also be discussed with the Task Manager of co-implementing agency. [↑](#footnote-ref-2)
3. Use GEF Secretariat required six-point scale system: Highly Satisfactory (HS), Satisfactory (S), Marginally Satisfactory (MS), Marginally Unsatisfactory (MU), Unsatisfactory (U), and Highly Unsatisfactory (HU). [↑](#footnote-ref-3)
4. Outputs and activities as described in the project logframe or in any updated project revision. [↑](#footnote-ref-4)
5. As per latest workplan (revision 1) [↑](#footnote-ref-5)
6. As much as possible, describe in terms of immediate gains to target groups, e.g. access to project deliverables, participation in receiving services; gains in knowledge, etc. [↑](#footnote-ref-6)
7. To be provided by the UN Environment Task Manager [↑](#footnote-ref-7)
8. Use GEF Secretariat required six-point scale system: Highly Satisfactory (HS), Satisfactory (S), Marginally Satisfactory (MS), Marginally Unsatisfactory (MU), Unsatisfactory (U), and Highly Unsatisfactory (HU) [↑](#footnote-ref-8)