Monthly Work Diary – April 2026: A Month of Technical Learning and Growth

April 2026 was a month of continuous learning, practical exposure, and gradual improvement in my understanding of the power sector. Compared to March, I felt more confident in handling technical work and was able to connect different concepts more clearly, especially in areas related to energy systems and regulatory processes.

At the beginning of the month, I was involved in work related to the KSEB truing-up order and continued my participation in the deliberation of various hearings related to various licensees such as KPUPL, CoPA, and RPCKL. Through these activities, I gained a better understanding of petitions filed by licensees, the queries involved, and the decisions made by the Commission.

I also worked on tasks related to the development of the AI-based analytical tool for the truing-up process. This included drafting reply letters, forwarding signed MoUs to institutions like Saintgits College and XIME, and participating in discussions and visits related to the project.

During the month, I attended a presentation session covering topics such as Tally Prime, the comparison between the Income Tax Act 1961 and 2025, cyber security practices, and AI prompt engineering. This session gave me exposure to multiple practical areas beyond my core work and helped broaden my overall knowledge.

I also spent time working with data related to Kerala's power sector. I listed and analysed time slot-wise electricity demand data, along with generation data from different sources such as hydro and wind. This helped me understand demand patterns, generation mix, and the overall functioning of the power system in a more practical way.

In addition, I attended a hearing related to short-term power procurement and learned about mechanisms such as TAM (Term Ahead Market), OTC platforms, and the Spandan portal. These concepts helped me understand how short-term electricity transactions are managed in real scenarios.

Throughout the month, I also worked on updating the ESS (Energy Storage System) report. As part of this, I learned about different types of energy storage

technologies such as cryogenic batteries, CO_2 batteries, iron-air batteries, zinc-bromine flow batteries and ammonia-based energy storage. This significantly improved my understanding of emerging energy storage solutions. Another important area I focused on was resource adequacy. Initially, I had limited knowledge in this area, but by the end of the month, I gained a clearer understanding of its importance, planning methods, and its role in ensuring reliable power supply. I also learned about energy forecasting methods such as the partial end-user method.

In addition to technical work, I was involved in routine office tasks such as sorting files, preparing documents, and attending meetings with senior officials. These activities helped me become more organised and understand workplace processes better. Alongside my professional work, I continued my preparation for competitive exams. I also maintained a habit of regular reading, which helped improve my language skills and thinking ability.

During April, I read “Outliers” by Malcolm Gladwell, which explains how success is influenced by various hidden factors such as opportunities, culture, and timing. The book gave me a new perspective on achievement and personal growth. Towards the end of the month, I started reading *“*A Thousand Splendid Suns” by Khaled Hosseini.

Compared to previous months, April 2026 showed a clear improvement in my knowledge, especially in areas like energy storage systems, resource adequacy, and power system analysis. My ability to work with data, understand technical concepts, and connect different topics has improved noticeably. I also became more disciplined in managing my time between work, learning, and self-development. My communication skills, documentation ability, and confidence in handling tasks have improved compared to earlier months. Overall, April was a very important month in my learning journey. It helped me gain deeper technical knowledge, practical exposure, and a better understanding of how the power sector operates. This progress has strengthened my foundation and will help me take on more advanced responsibilities in the future.