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The plant cycles are simulated and optimized by using Cycle Tempo 5.0 simulation software tool. From the simulation study, it is observed that the thermal efficiency of the three different power plant cycles obtained as 41.40, 42.48 and 43.03%, respectively.

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Thermal Power Plant Simulation and Control Details Significant changes over the past decade in computing technology, along with widespread deregulation of electricity industries, have impacted on power plant operations while affording engineers the opportunity to introduce monitoring and plant-wide control schemes which were previously unfeasible.

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