

APPENDIX D: GRAPHS FOR ELD WITH TRANSMISSION LINE LOSSES FOR THREE UNITS

APPENDIX D1: Particle Swarm Optimization (PSO) Method

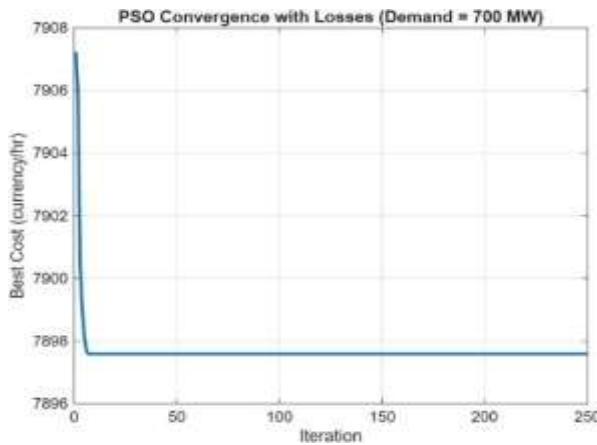


Figure 21. Cost curve of 700 MW demand by PSO method with loss

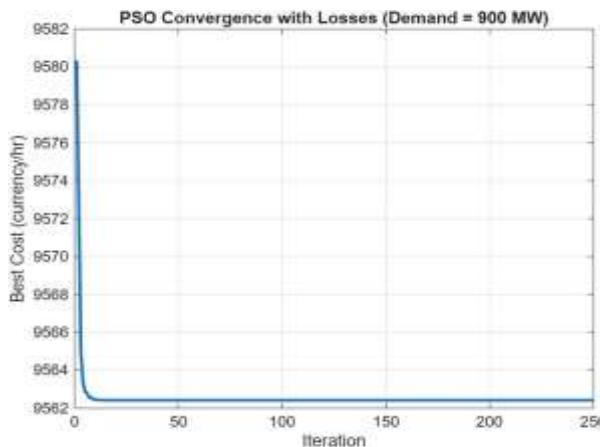


Figure 22. Cost curve of 900 MW demand by PSO method with loss

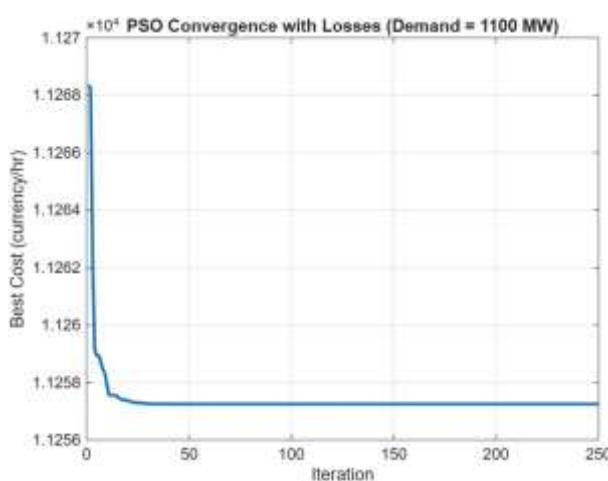


Figure 23. Cost curve of 1100 MW demand by PSO method with loss

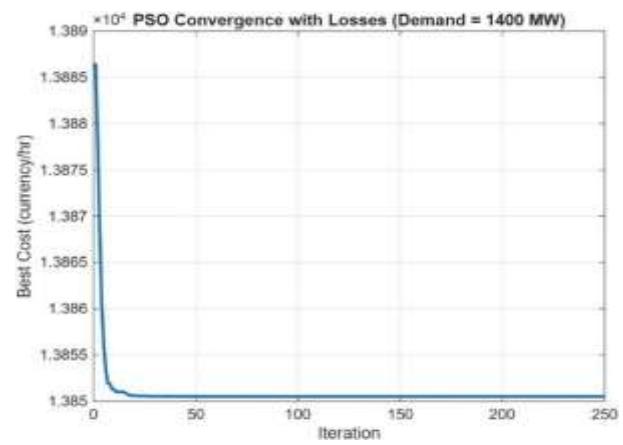


Figure 24. Cost curve of 1400 MW demand by PSO method with loss

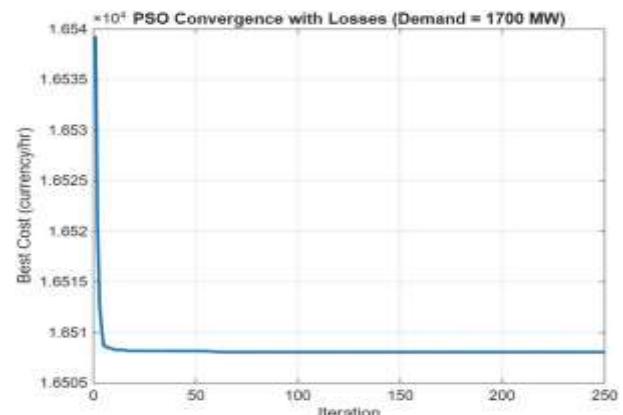


Figure 25. Cost curve of 1700 MW demand by PSO method with loss

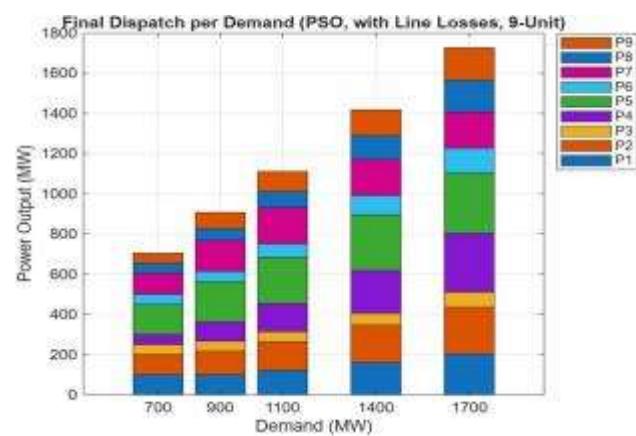


Figure 26. Cost curve of Final Dispatch demand by PSO method with loss

APPENDIX D2: Genetic Algorithm (GA) Method

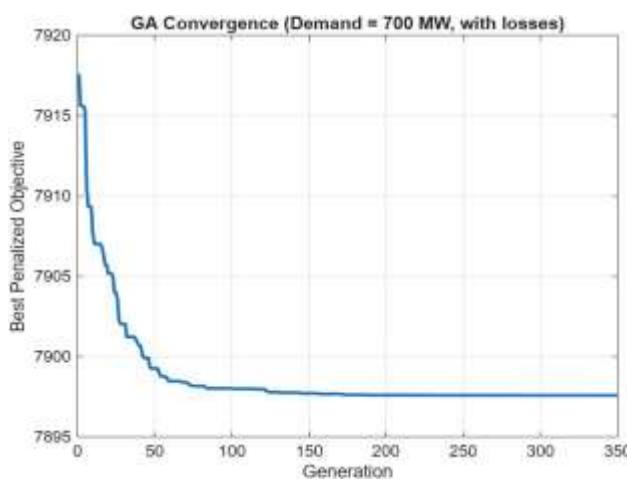


Figure 27. Cost curve of 700 MW demand by GA method with loss

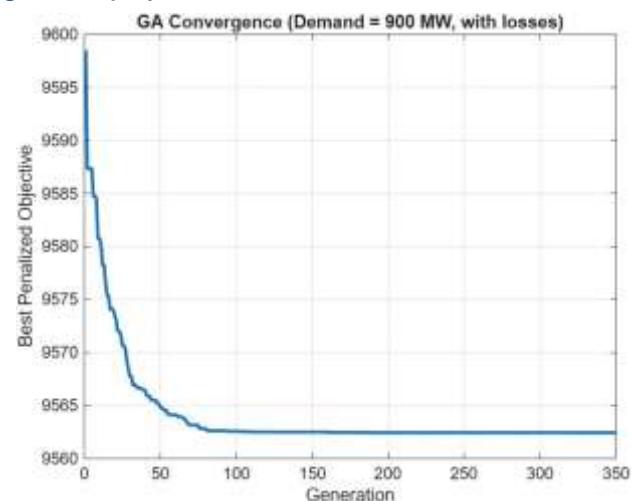


Figure 30. Cost curve of 900 MW demand by GA method with loss

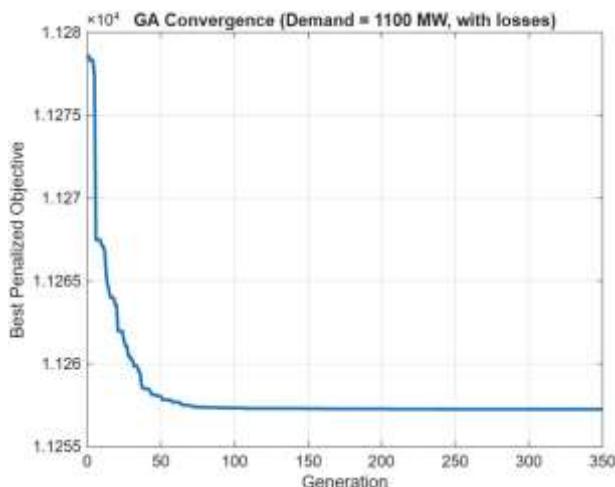


Figure 28. Cost curve of 1100 MW demand by GA method with loss

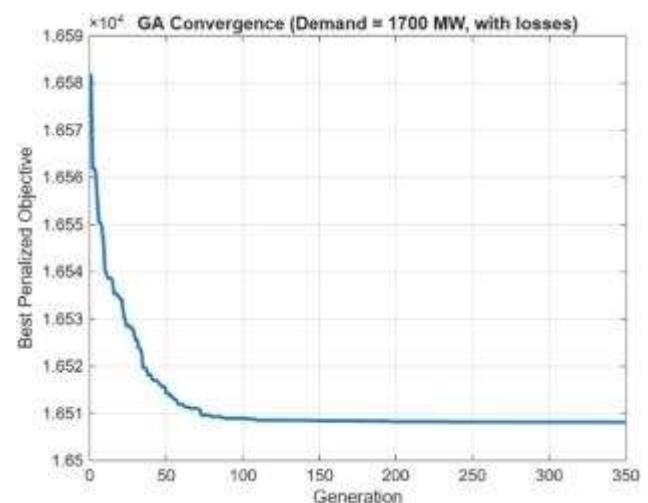


Figure 31. Cost curve of 1700 MW demand by GA method with loss

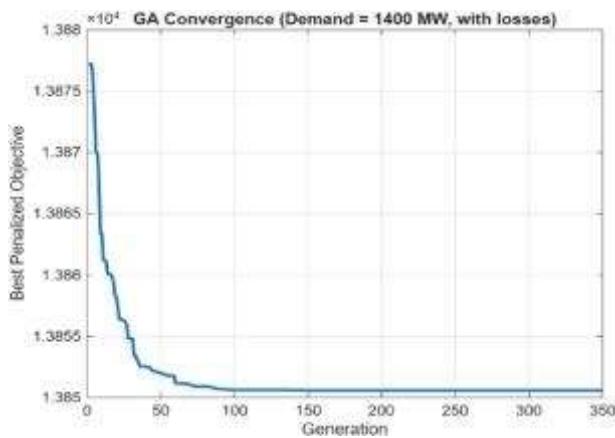


Figure 29. Cost curve of 1400 MW demand by GA method with loss

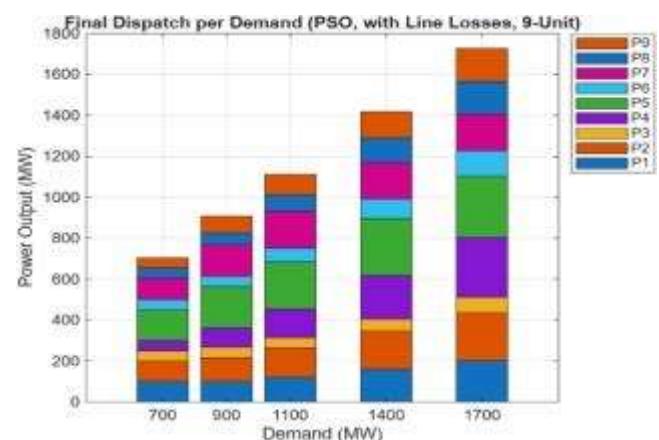


Figure 32. Cost curve of Final Dispatch demand by GA method with loss

APPENDIX D3: Comparison of Cost in Different Method

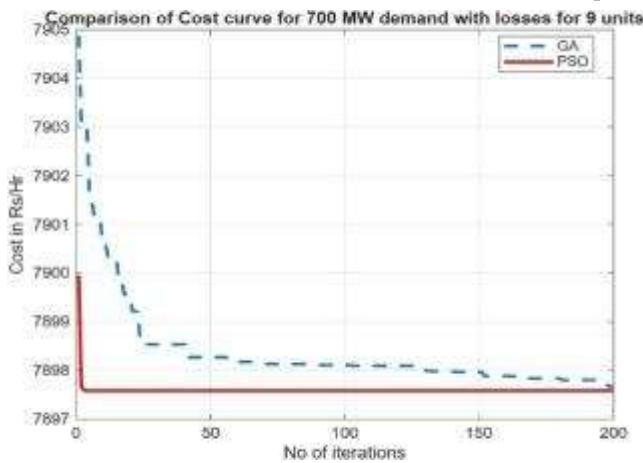


Figure 33. Comparison of Cost curve for 700 MW demand with loss for Nine units

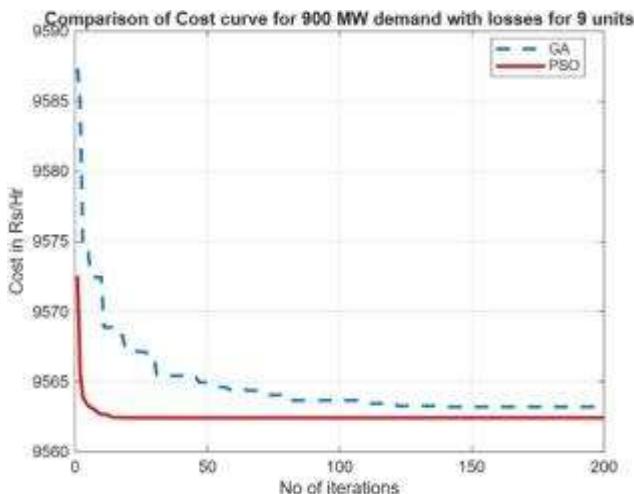


Figure 34. Comparison of Cost curve for 900 MW demand with loss for Nine units

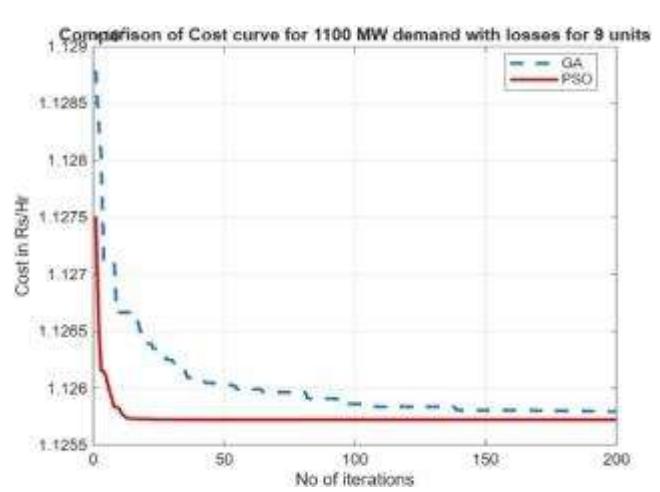


Figure 35. Comparison of Cost curve for 1100 MW demand with loss for Nine units

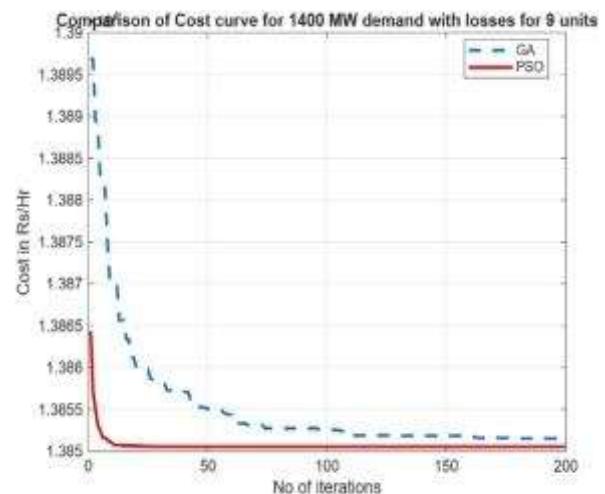


Figure 36. Comparison of Cost curve for 1400 MW demand with loss for Nine units

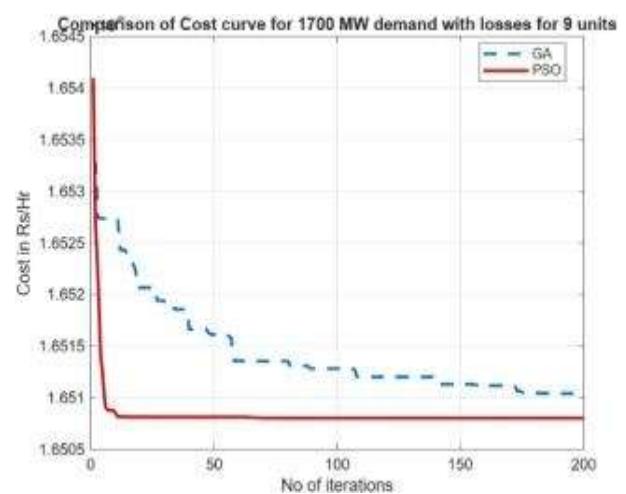


Figure 37. Comparison of Cost curve for 1700 MW demand with loss for Nine unit