

TABLE OF CONTENTS

	Paragraph	Page
Preface		v
Executive Summary		vii-xi
Chapter 1		
Introduction		
Introduction	1.1	1
Organisational set up	1.2	1-2
Generation of power by the Company for Haryana	1.3	2
Financial Position and working results	1.4	2-3
Audit objectives	1.5	4
Scope of Audit and Sampling	1.6	4-5
Audit Methodology	1.7	5
Audit criteria	1.8	5
Structure of Report	1.9	5-7
Chapter 2		
Operation and maintenance of Generating Plants		
Generation of Power	2.1	9-10
Plant Load Factor	2.2	10-11
Auxiliary Power Consumption	2.3	11-12
Station Heat Rate	2.4	13
Backing down of plants due to higher variable cost	2.5	14-19
Repair and Maintenance of Power Plants	2.6	19-27
Conclusion	2.7	27-28
Recommendations	2.8	28
Chapter 3		
Fuel and Inventory Management		
Excess consumption of coal	3.1	29-30
Excess consumption of Secondary fuel	3.2	30-31
Unsettled quantity and quality claims	3.3	31-36
Non-recovery of differential freight paid to Railways for diverted rakes	3.4	36-37
Inventory Management and Procurement of spares	3.5	37-41
Conclusion	3.6	41
Recommendations	3.7	42

	Paragraph	Page
Chapter 4		
Financial Management		
Determination of tariff	4.1	43-49
Conclusion	4.2	49-50
Recommendations	4.3	50
Chapter 5		
Compliance of Environmental norms and Generation of clean energy		
Compliance of Environmental norms	5.1	51-55
Generation of clean energy	5.2	55-59
Conclusion	5.3	59
Recommendations	5.4	59
Chapter 6		
Power Procurement on the basis of Merit Order Dispatch by Haryana Power Purchase Centre for Haryana State		
Preparation of merit order and scheduling of power	6.1	61-63
Analysis of Demand and Purchase of Power	6.2	63-64
Comparative analysis of Scheduling of power	6.3	64-68
Excess tied up contracted capacity of thermal power	6.4	68-70
Capacity addition by Haryana DISCOMs	6.5	70-72
Consideration of variable cost in case of Jhajjar Power Limited Bills while preparing Merit Order	6.6	72-73
Conclusion	6.7	73-74
Recommendations	6.8	74
Chapter 7		
Conclusion		
Conclusion	7.1	75-79

APPENDICES

Appendix	Description	Reference to	
		Paragraph	Page
2.1	Statement showing details of shutdown of plants due to Forced outages, Planned outages and Backing Down Instructions	2.2	81-82
2.2	Statement showing Plant wise variable cost and their positions in merit order with respect to descending order of variable cost for the year 2016-21	2.5	83-85
2.3	Working showing loss of power due to BDIs shut down	2.5	86-87
3.1	Statement showing details of time taken in issuing Purchase orders since its requirement and time taken in issuing material since its requirement	3.5.3	88-93
4.1	Statement showing loss of interest due to under recovery of energy bills through Fuel Price Adjustment in respect of all three thermal power plants for the period April 2016 to September 2017	4.1.1	94

