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## ANEXURE A ANNUAL LOAD PROFILES

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### A.1 INTRODUCTION

Anexure A gives an overview of the area and transmission substation historical loads at the time of maximum annual system peak.

### A.2 AREA LOADS

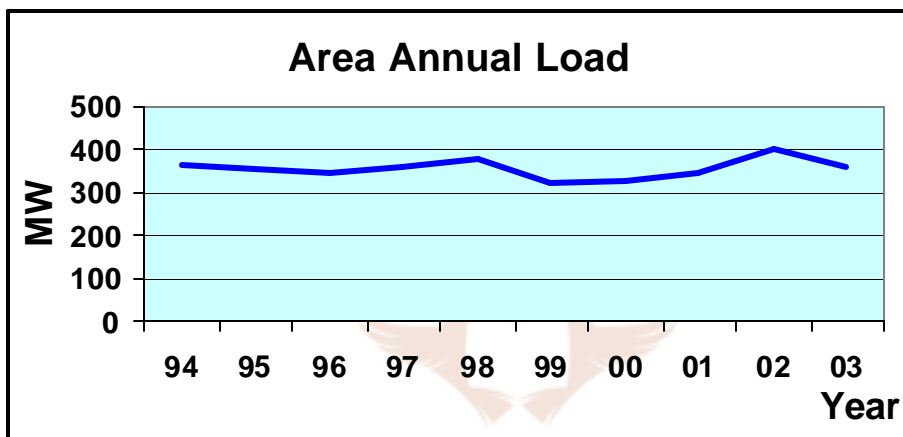


Figure A.2.1 – Area 1 Annual Load

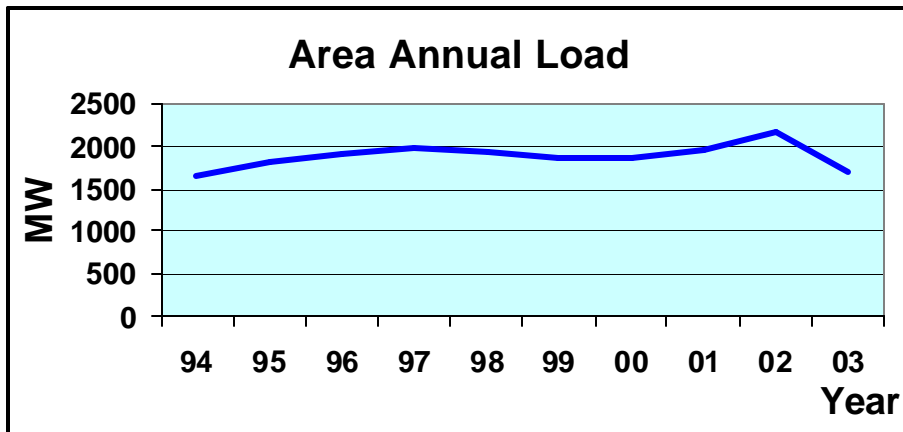


Figure A.2.2 – Area 2 Annual Load

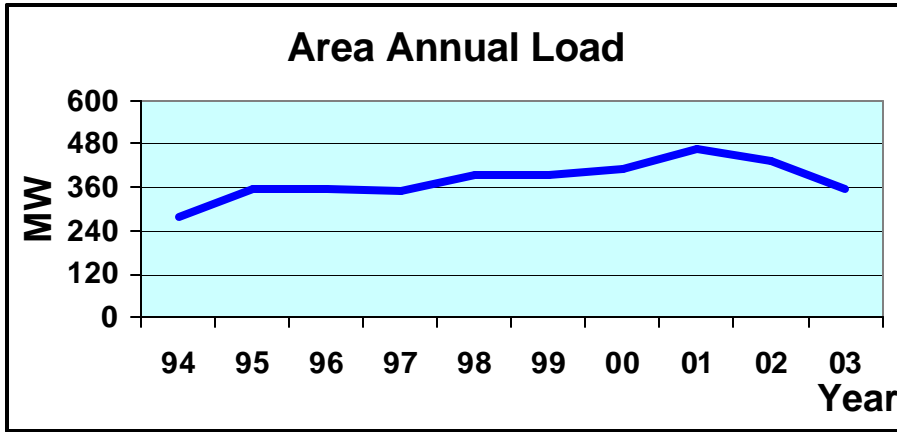


Figure A.2.3– Area 3 Annual Load

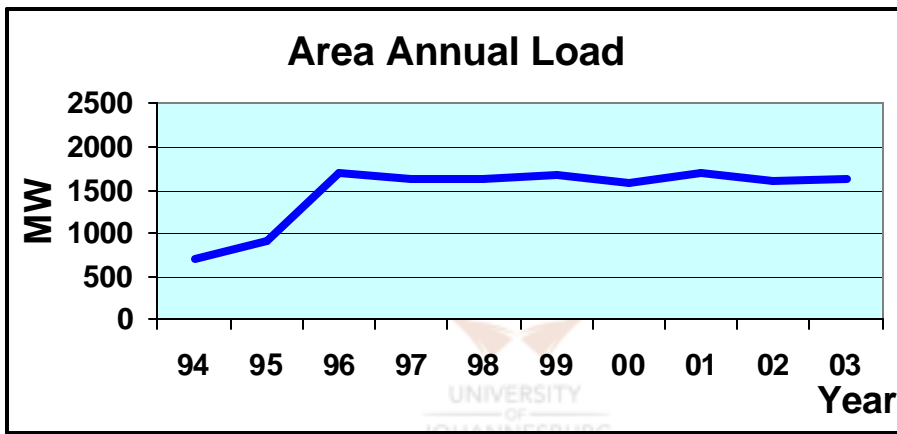


Figure A.2.4– Area 4 Annual Load

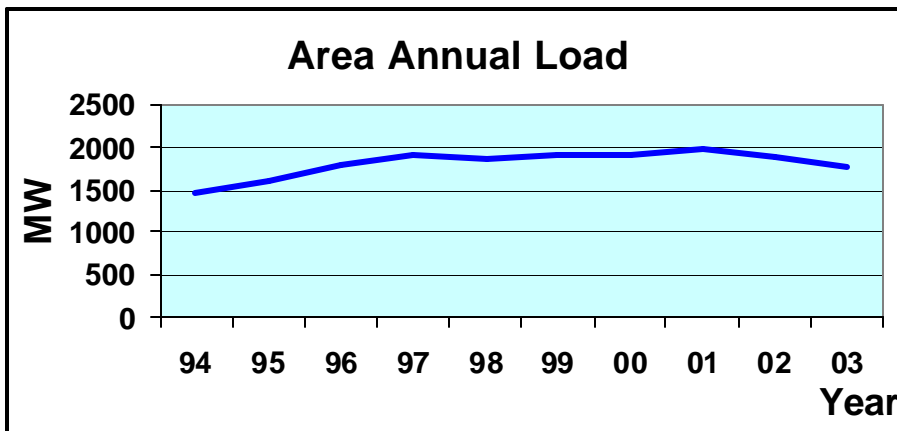


Figure A.2.5– Area 5 Annual Load

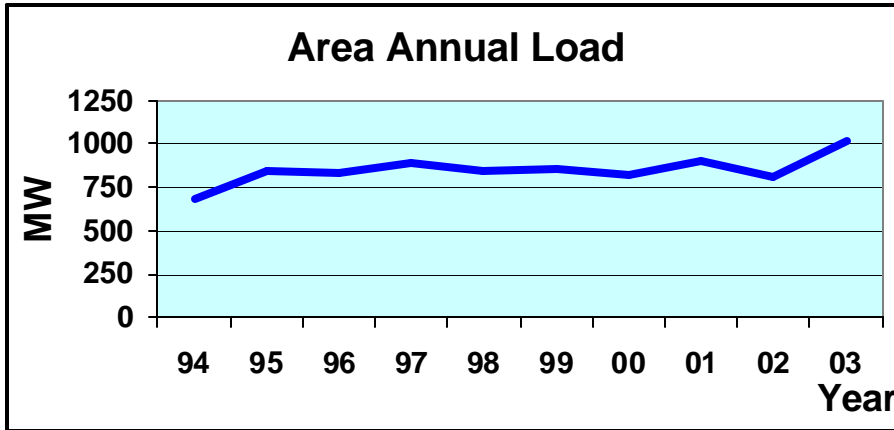


Figure A.2.6– Area 6 Annual Load

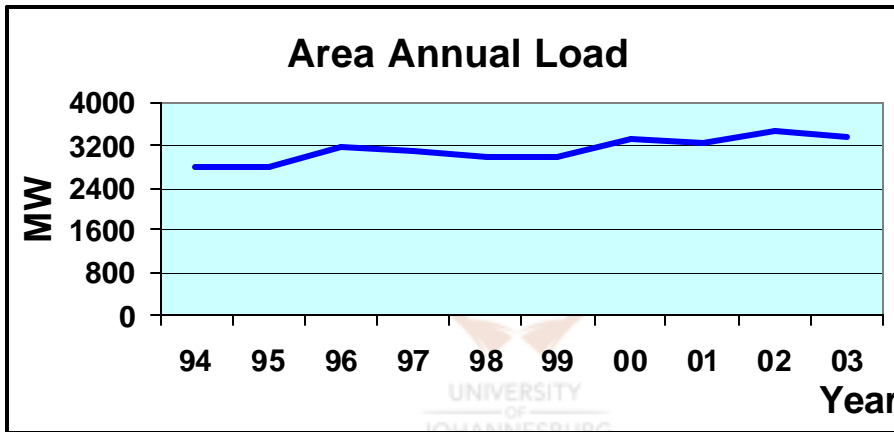


Figure A.2.7– Area 7 Annual Load

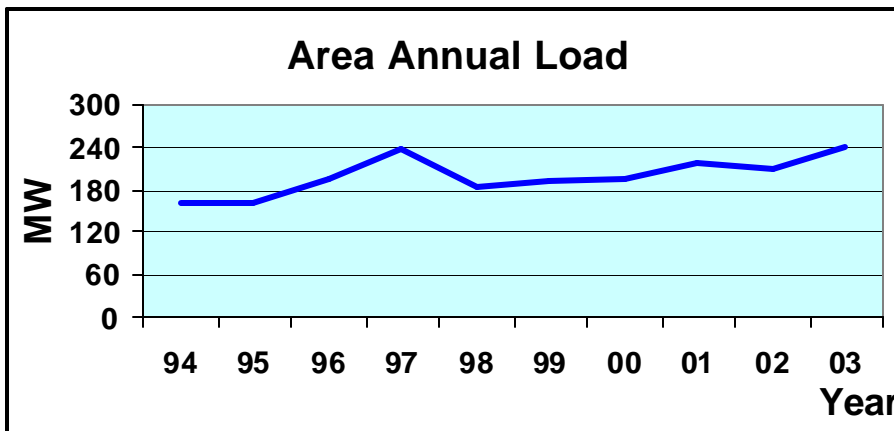


Figure A.2.8– Area 8 Annual Load

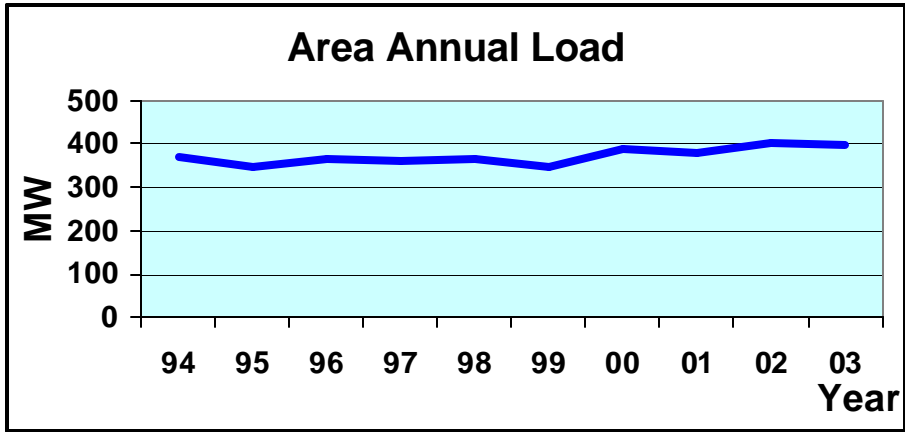


Figure A.2.9 – Area 9 Annual Load

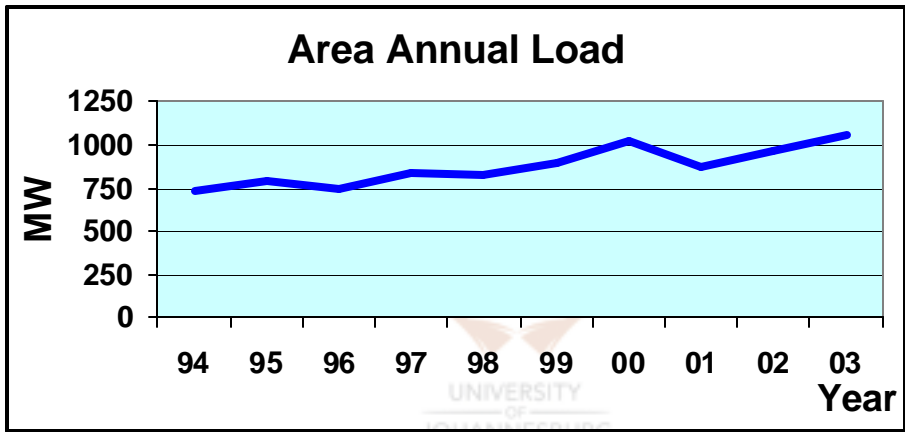


Figure A.2.10 – Area 10 Annual Load

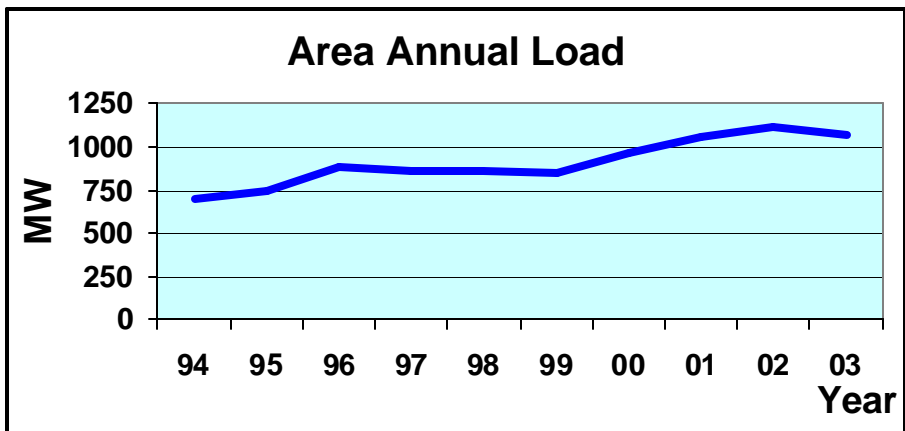


Figure A.2.11 – Area 11 Annual Load

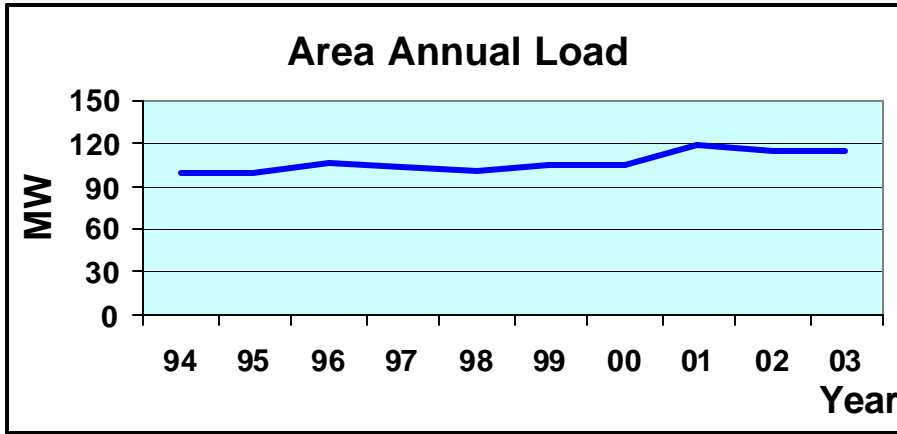


Figure A.2.12 – Area 12 Annual Load

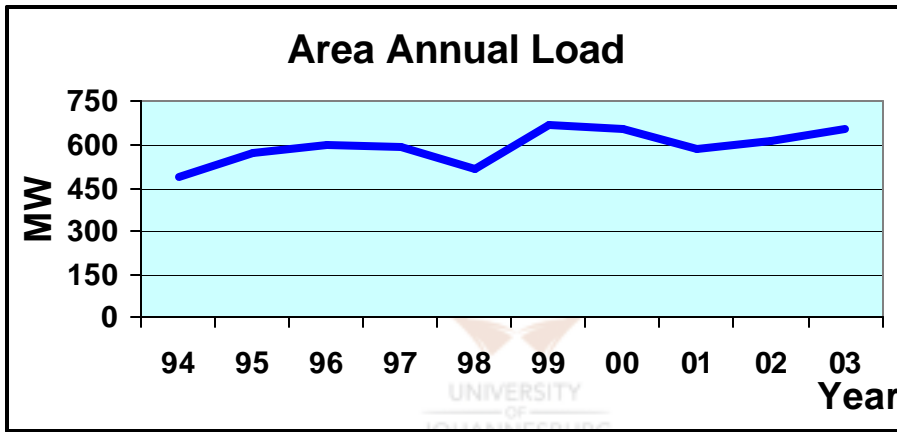


Figure A.2.13 – Area 13 Annual Load

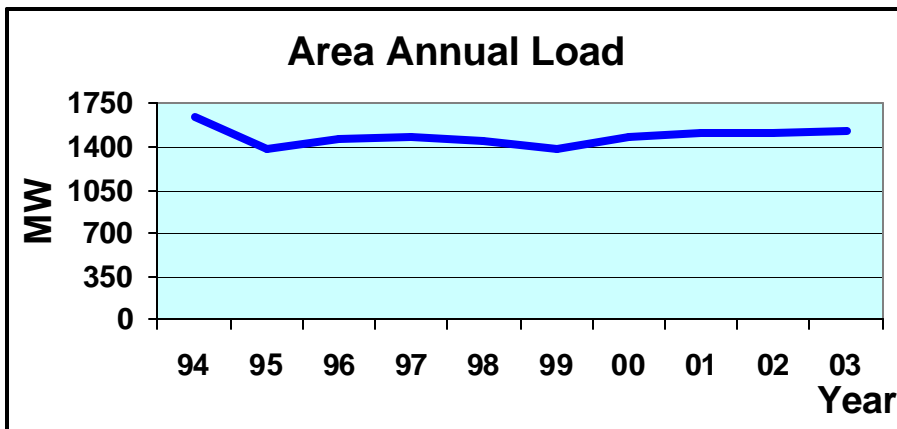


Figure A.2.14 – Area 14 Annual Load

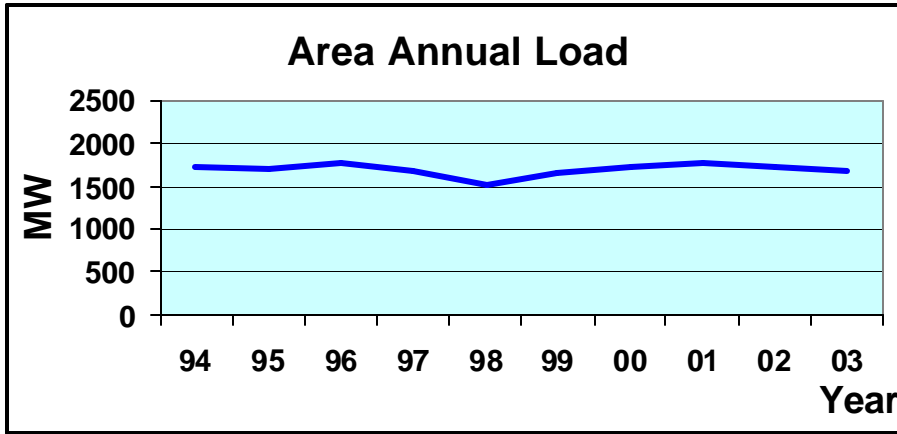


Figure A.2.15 – Area 15 Annual Load

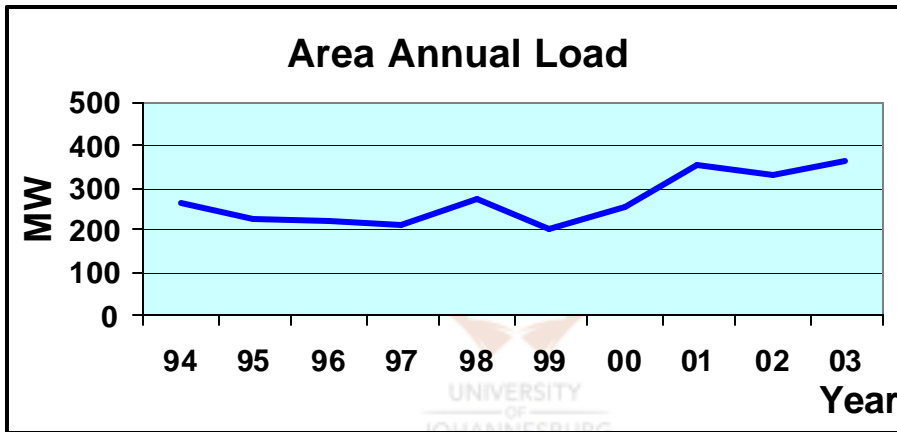


Figure A.2.16 – Area 16 Annual Load

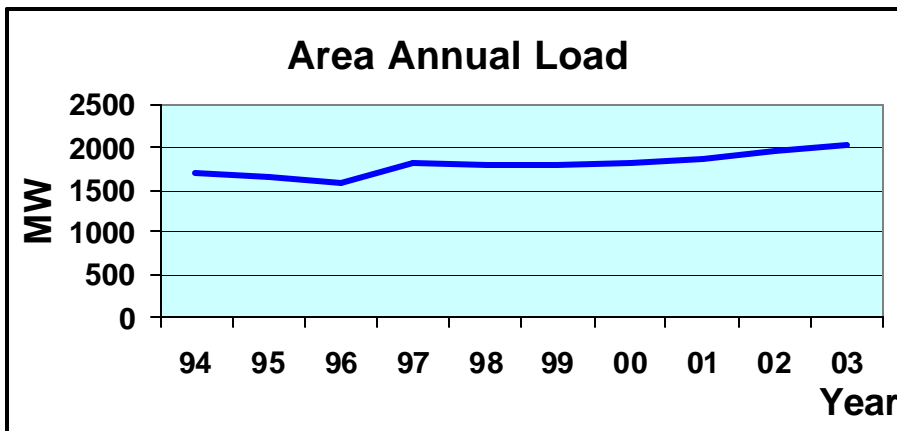


Figure A.2.17 – Area 17 Annual Load

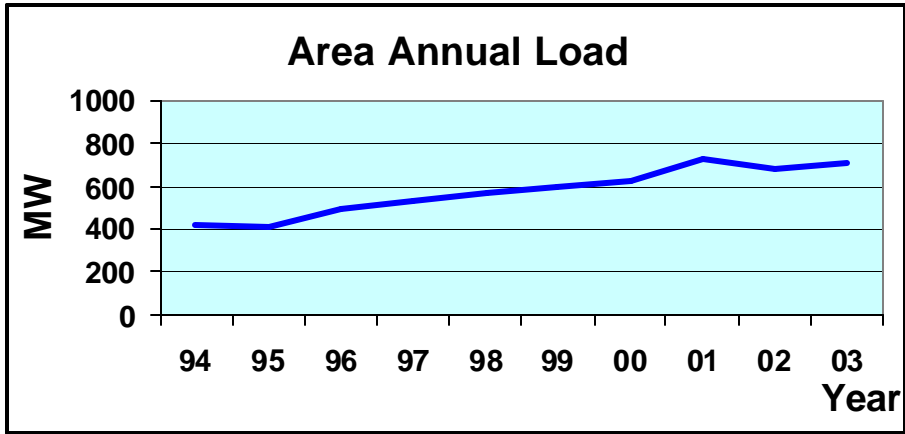


Figure A.2.18 – Area 18 Annual Load

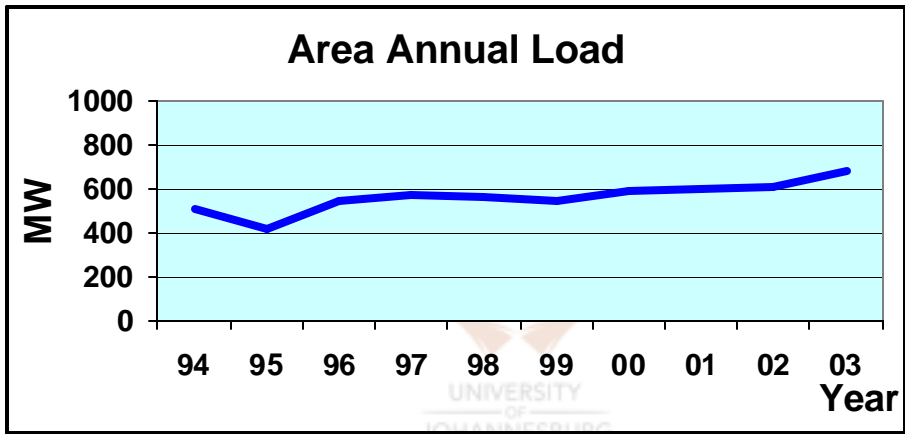


Figure A.2.19 – Area 19 Annual Load

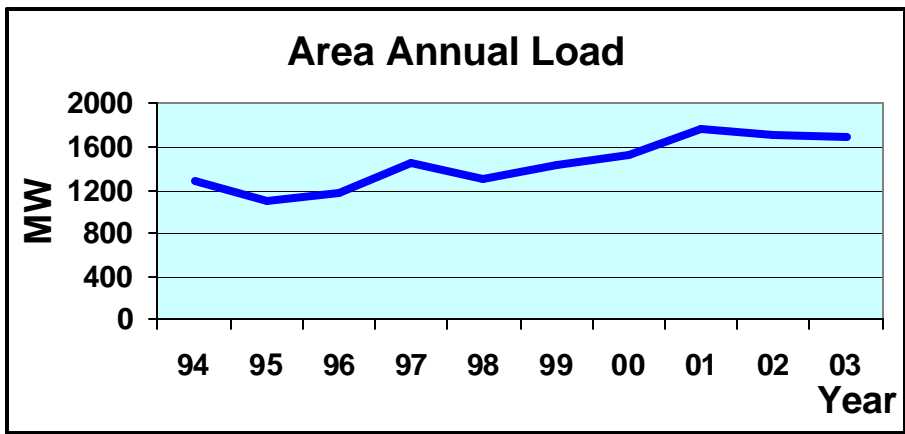


Figure A.2.20 – Area 20 Annual Load

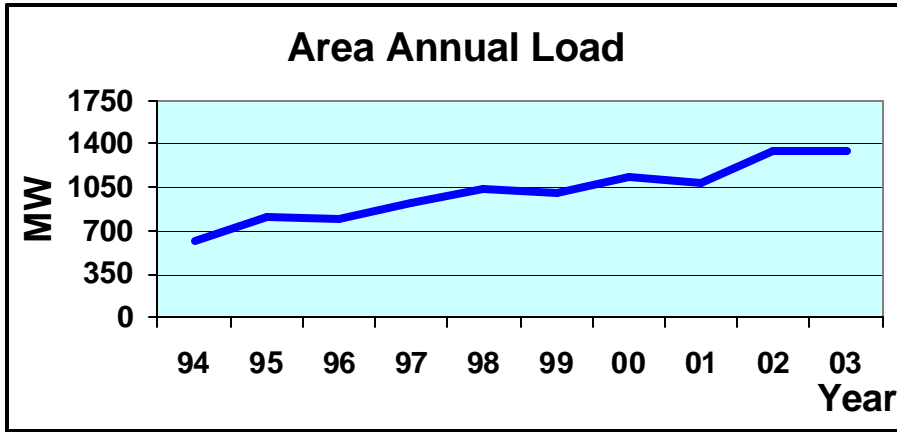


Figure A.2.21 – Area 21 Annual Load

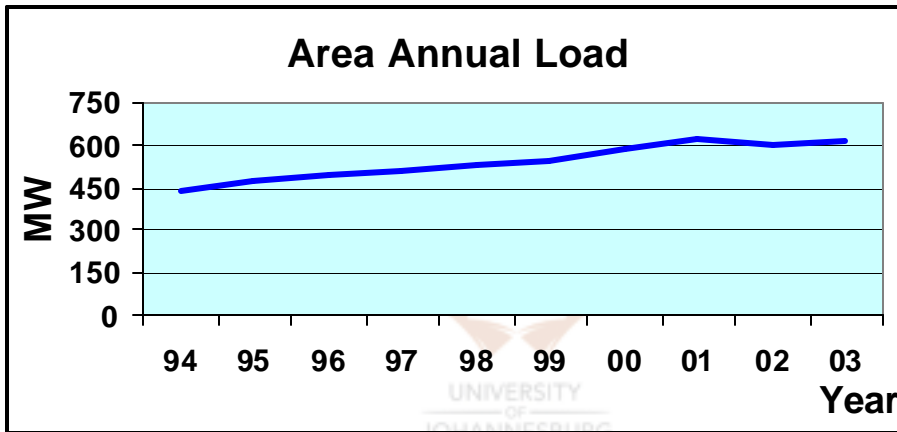


Figure A.2.22 – Area 22 Annual Load

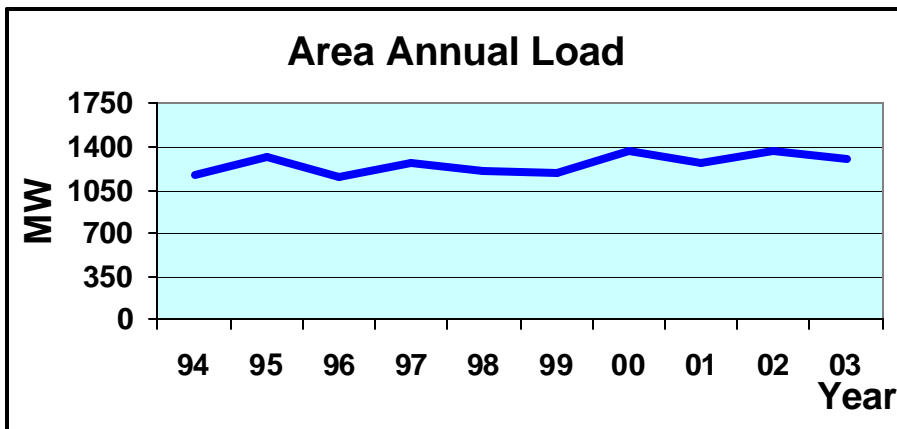


Figure A.2.23 – Area 23 Annual Load



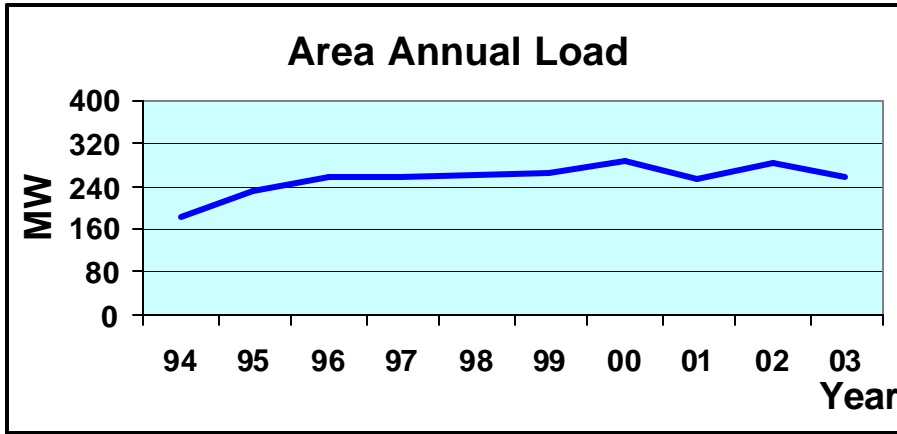


Figure A.2.24 – Area 24 Annual Load

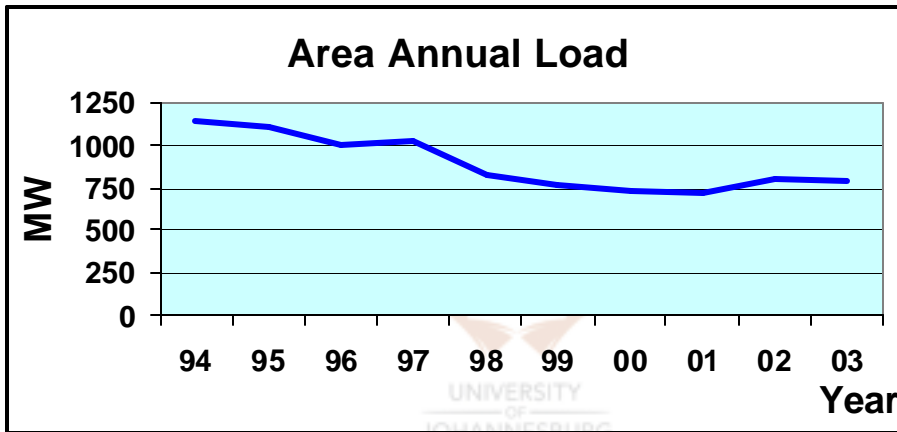


Figure A.2.25 – Area 25 Annual Load

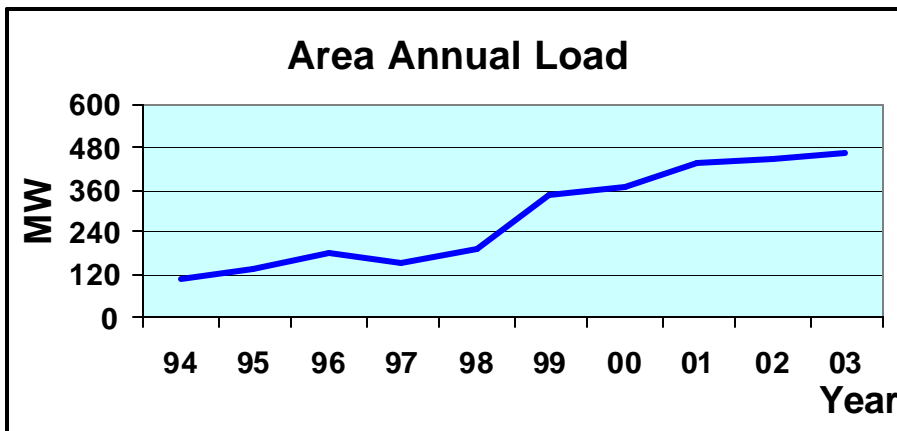


Figure A.2.26 – Area 26 Annual Load

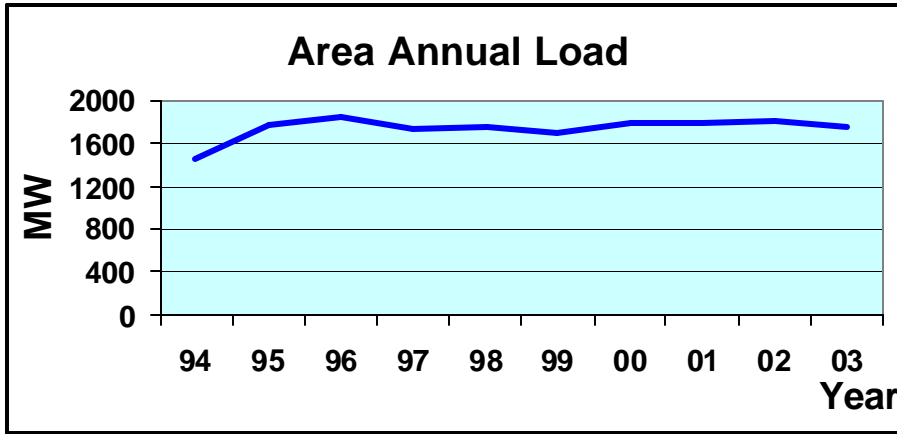


Figure A.2.27 – Area 27 Annual Load

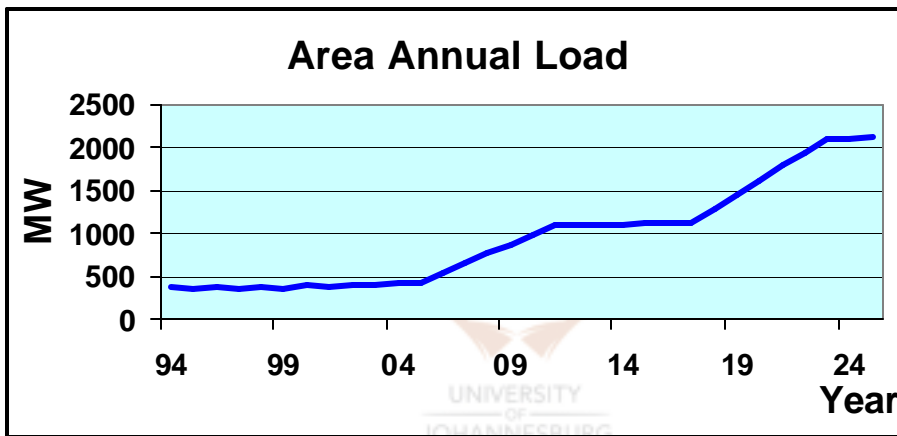


Figure A.2.28 – Area 9 Annual and Forecast Load

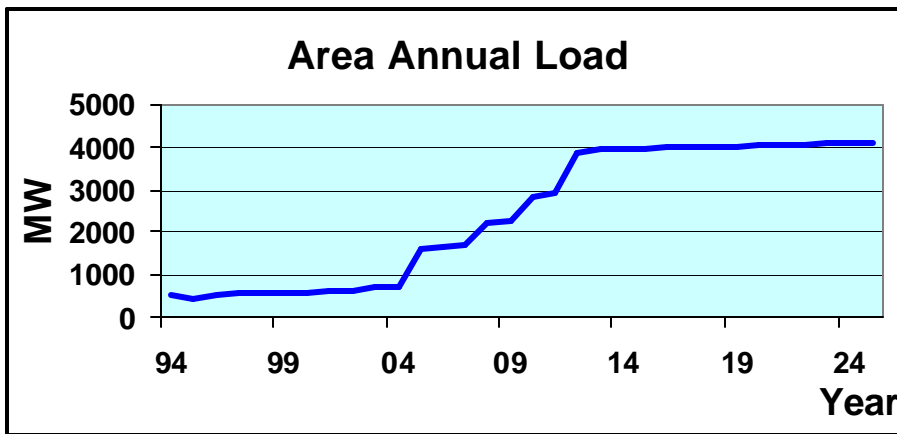


Figure A.2.29 – Area 19 Annual and Forecast Load

**A.3 TRANSMISSION SUBSTATION LOADS**

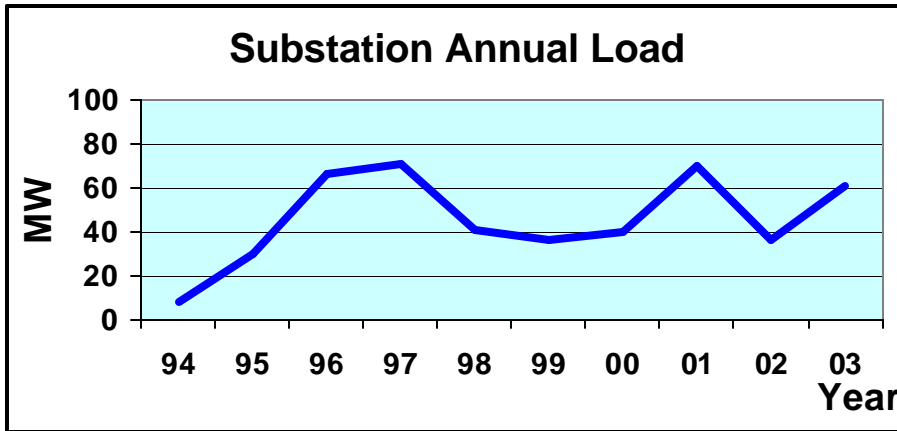


Figure A.3.1 – Substation 1 Annual Load

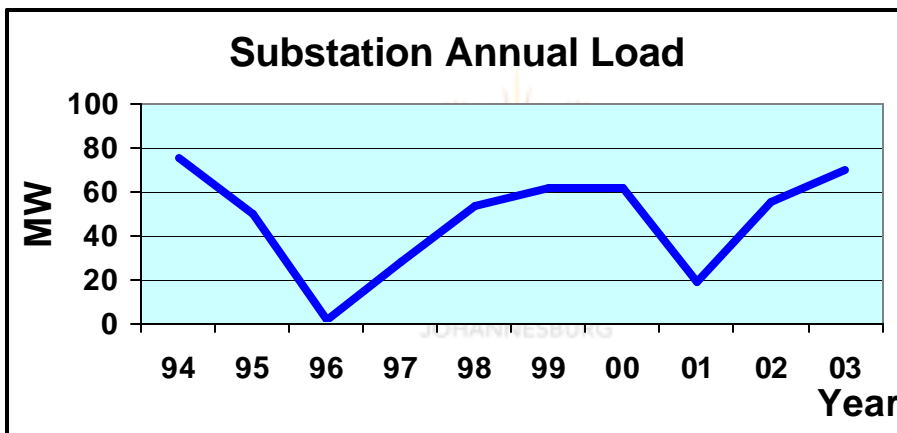


Figure A.3.2 – Substation 2 Annual Load

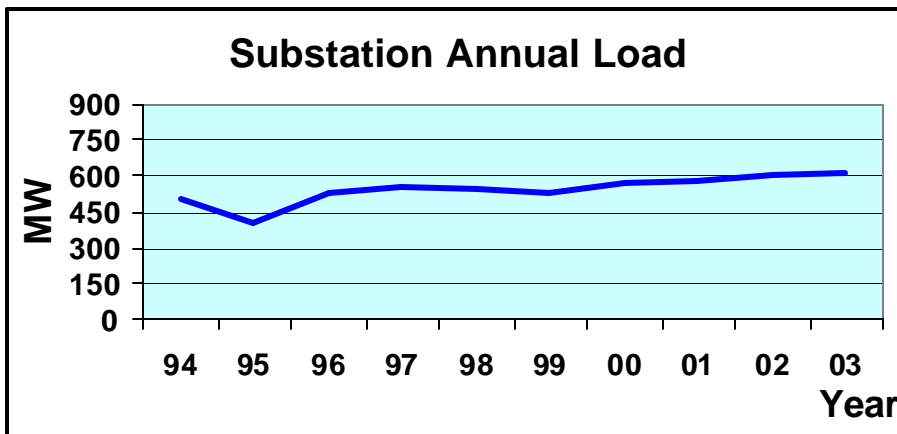


Figure A.3.3 – Substation 3 Annual Load

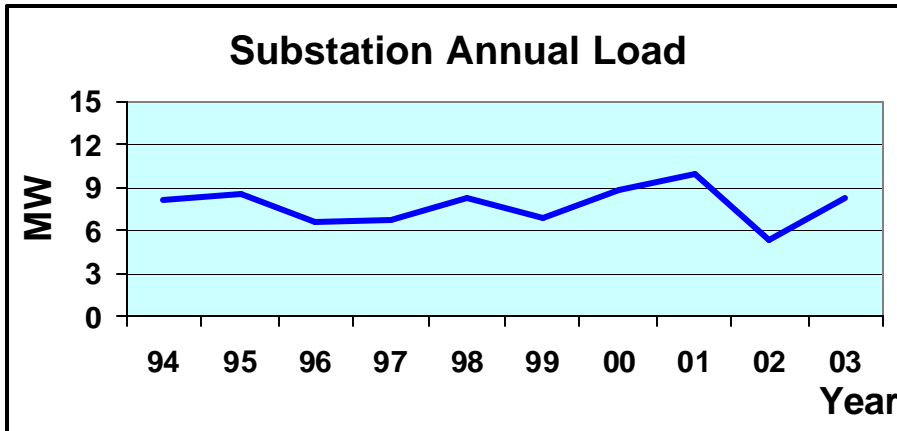


Figure A.3.4– Substation 4 Annual Load

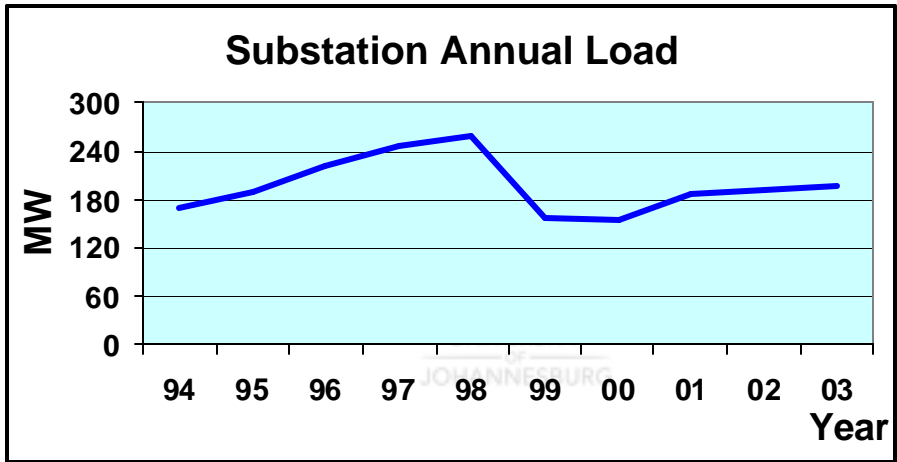


Figure A.3.5– Substation 5 Annual Load

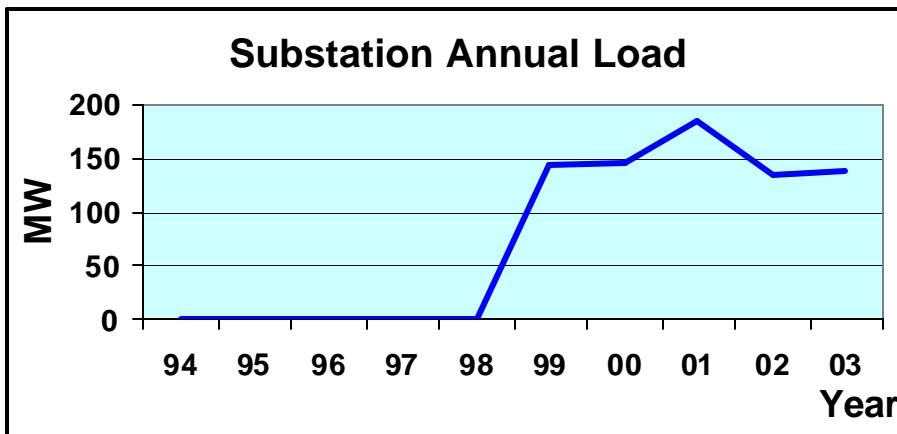


Figure A.3.6– Substation 6 Annual Load

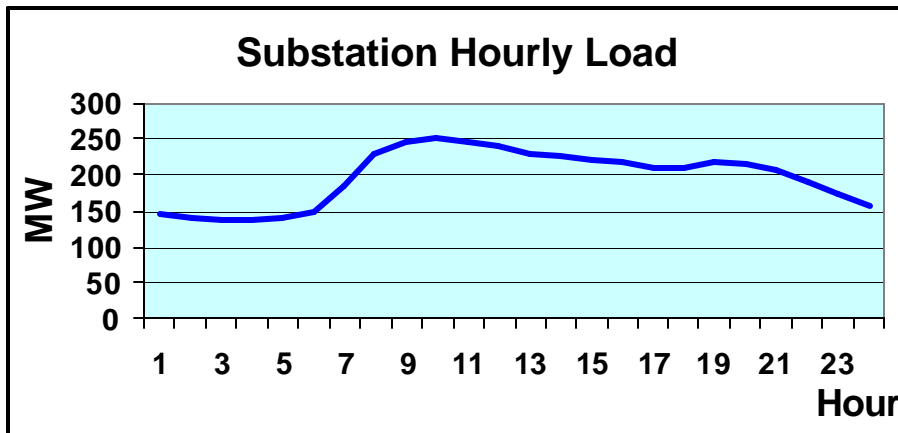


Figure A.3.7 – Substation 7 Hourly Load

