

अखिल भारतीय विद्युत सांख्यिकी
ALL INDIA ELECTRICITY STATISTICS
सामान्य पुनरवलोकन १९९९-२०००
GENERAL REVIEW 1999-2000

भारत सरकार

नई दिल्ली

CENTRAL ELECTRICITY AUTHORITY

MINISTRY OF POWER

GOVERNMENT OF INDIA

NEW DELHI

(In fulfillment of CEA's obligation under Section 3 (1) (iv) of Electricity (Supply) Act 1948)

(विद्युत (आपूर्ति) अधिनियम 1948 की धारा 3(1) (iv) के तहत के. वि. प्रा. के दायित्व की पूर्णता के लिए संतुष्टि)

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प्राक्कथन

केन्द्रीय विद्युत प्राधिकरण (के.वि.प्रा.) की स्थापना वर्ष 1951 में विद्युत (आपूर्ति) अधिनियम, 1948 के तहत एक अंश-कालिक निकाय के रूप में की गई थी तथा वर्ष 1975 में इसे एक पूर्ण-कालिक निकाय बना दिया गया था। के.वि.प्रा. देश में विद्युत क्षेत्र के समग्र विकास के लिए जिम्मेदार है तथा इस दिशा में के.वि.प्रा. उत्पादन की व्यापक प्रणाली, संचारण एवं वितरण सुविधाएं जो देश के एक छोर से दूसरे छोर तक फैली हैं, की आयोजना, विकास एवं संशोधन में महत्वपूर्ण भूमिका अदा कर रहा है। के.वि.प्रा. उत्पादन एवं संचारण आयोजना अनुक्रिया, राष्ट्रीय योजनाओं को तैयार करना, ताप विद्युत, जल विद्युत एवं संचारण परियोजनाओं का मूल्यांकन करना, दीर्घ-कालिक समय-संरचना की लिए उत्पादन तथा संचारण परियोजनाओं की आवश्यकता को अभिज्ञात करना, जैसे अनेक कर्तव्यों का निर्वहन कर रहा है। के.वि.प्रा. द्वारा विकसित विद्युत योजनाओं को भार तथा ऊर्जा प्रक्षेपणों में परिवर्तनों/संशोधनों के साथ-साथ नए परियोजना स्थलों की उपलब्धता/अभिज्ञान को ध्यान में रखते हुए आवधिक रूप में अद्यतन बनाया जाता है।

के.वि.प्रा. सामान्य पुनरवलोकन का नियमित रूप से प्रकाशन कर रहा है। यह के.वि.प्रा. का एक वार्षिक प्रकाशन है जो भारतीय विद्युत उद्योग के महत्वपूर्ण विद्युत आंकड़े देता है। यह प्रकाशन प्रतिष्ठापित उत्पादन क्षमता, ऊर्जा उत्पादन, उद्योगों में केपिटिव संयंत्रों, संचारण एवं वितरण, विद्युत की खपत प्रवृत्ति, विद्युतीकृत गांव तथा ऊर्जित पम्प सेटों आदि पर सांख्यिकी सूचना प्रदान करता है। यह आधारभूत डाटा सभी राज्य विद्युत बोर्डों, सहकारी सोसाइटियों, नगर अनुज्ञप्तिधारकों के साथ-साथ केपिटिव संयंत्र वाले उद्योगों से एकत्रित किया जाता है। वर्ष 1999-2000 के लिए सामान्य पुनरवलोकन को के.वि.प्रा. द्वारा विभिन्न स्रोतों से प्राप्त नवीनतम डाटा के आधार पर अंतिम रूप दिया गया है।

मैं सभी जन-उपयोगी सेवा संस्थाओं (यूटीलिटीज) को के.वि.प्रा. को डाटा उपलब्ध करवाने के लिए धन्यवाद देता हूँ। मैं विभिन्न यूटीलिटीजों से इस सुअवसर पर अनुरोध करता हूँ कि वे डाटा/सूचना त्वरित रूप में तथा समय-बद्ध तरीके से प्रस्तुत करें जिससे हम सामान्य पुनरवलोकन का अगला अंक और जल्दी समेकित करने में सक्षम हों।

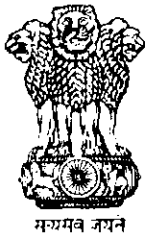
मुझे विश्वास है कि सदस्य (योजना) के नेतृत्व में समेकित सामान्य पुनरवलोकन 1999-2000, देश के विद्युत क्षेत्र के विकास से सम्बद्ध व्यक्तियों के लिए बहुत अधिक उपयोगी होगा।

नई दिल्ली

दिनांक 19 दिसम्बर, 2002

हरबंस लाल बजाज

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FOREWORD

Central Electricity Authority (CEA) was established under the Electricity (Supply) Act, 1948 as a part-time body in 1951, and it was made a full-time body in 1975. CEA is responsible for overall development of the power sector in the country and in this direction CEA has been singularly instrumental in planning, developing and nurturing the mammoth system of generation, transmission and distribution facilities that span the length and breadth of the country. CEA has been carrying out a number of functions such as long term generation and transmission planning exercise, preparation of National Power Plans, appraisal of thermal, hydro and transmission projects. The power plans developed by CEA are periodically updated to take care of the changes/revisions in the load and energy projections as well as availability/identification of new project locations.

The planning exercises carried out by CEA are based on the inputs made available by Data Management and Load Forecasting division of CEA. In this direction, CEA has been publishing regularly the Public Electricity Supply-All India Statistics-General Review.

This is a yearly publication of the CEA which gives vital electricity statistics of Indian power sector. The publication gives statistics on installed generating capacity, energy production, captive plants in industries, transmission and distribution, consumption pattern of power, villages electrified, pump sets energized, etc. The basic data is collected from all State Electricity Boards, Cooperative Societies, Municipal Licensees as well as from Industries having captive power plants. The General Review for the year 1999-2000 has been finalized by CEA based on the updated data received from various sources.

Ways and means are being explored for collection of data/information from the utilities in a speedy and time bound manner and cooperation from all concerned authorities is gratefully acknowledged and it is hoped that we would be able to advance the compilation work of the publication of the next issue of this document.

I am sure that General Review of 1999-2000, compiled under the guidance of Shri T.G. Srinivasan, Member (Economic & Commercial and Planning) will be of great use for all those who are involved in the development of Power Sector of the country.

This General Review is in fulfillment of CEA's obligation under Section 3(1)(iv) of the Electricity (Supply) Act, 1948.


(H.L.BAJAJ)

Dated the 11th December, 2002
New Delhi.



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प्रस्तावना

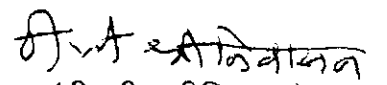
लगभग 50 वर्ष पूर्व आरंभ हुए योजना युग के साथ ही भारत में विद्युत शक्ति क्षेत्र ने तीव्र गति से प्रगति की है। प्रतिष्ठापित क्षमता तथा निर्मित संचारण लाइनों की लंबाई दोनों में ही विद्युत क्षेत्र का विकास महत्वपूर्ण है। यद्यपि, तीव्र विकास के साथ ही वृद्धि में कदम मिलाना मुख्यतः संसाधनों के अवरोधों के कारण संभव नहीं हो सका। देश में विद्युत क्षेत्र के विकास में के०वि०प्रा० का योगदान जिसमें कि प्रति वष 7% से 8% तक सकल दर से वृद्धि हुई है, वर्षों से महत्वपूर्ण रहा है। के०वि०प्रा० ने देश की विद्युत जनपयोगिताओं को विभिन्न क्षेत्रों में जैसे कि नवीन प्रौद्योगिकी का प्रवेश, उत्पादन संचारण योजना परामर्श, संचारण प्रणाली विकास आदि में मार्गदर्शन किया।

सूचना ही शक्ति है, फिर विद्युत संबंधी सूचना आधार स्तर तक नहीं पहुँचती है। विद्युत क्षेत्र से संबंधित वृहद सत्यापित आंकड़ों का समेकन, विश्लेषण तथा प्रकाशन एक वृहद कार्य है। इन अवरोधों में भी के०वि०प्रा० अपने कर्तव्य का निर्वाह कर रहा है तथा अनेक रिपोर्टों, दैनिक, मासिक तथा वार्षिक आधार पर विश्लेषणों को प्रकाशित कर रहा है। चूंकि संशोधित प्रणाली में अधिकांश आंकड़ों का स्रोत जनपयोगिताओं/कारपोरेशन या संबंधित संगठन है अतः उनके प्रणाली में भी उर्निधारण की आवश्यकता है। पावरनेट के माध्यम से आंकड़े प्राप्त करने के लिए एक समग्र स्कीम केन्द्रीय विद्युत प्राधिकरण के सक्रिय विचाराधीन है तथा इस दिशा में संबंधित अभिकरणों से विचार विमर्श किया जा रहा है।

विद्युत क्षेत्र में विभिन्न जनपयोगिताओं द्वारा प्रस्तुत सूचना/आंकड़ों के आधार पर केन्द्रीय विद्युत प्राधिकरण प्रतिवर्ष सामान्य पुर्नवालोकन प्रकाशित करता है, तथा वर्तमान वर्ष 1999-2000 के लिए सामान्य पुर्नवालोकन इस सीरिज के क्रम में है।

जिन जनपयोगिताओं तथा गैर-जनपयोगिताओं ने आंकड़े प्रस्तुत नहीं किए हैं वहाँ भारतीय छवि को पूरा करने के लिए तर्कसम्मत अनुमान लगाए गए हैं तथा प्रकाशन के प्रत्येक भाग में इनका उल्लेख किया गया है।

यह आंकड़े/सूचना श्री वी०बी० गुप्ता, मुख्य अभियन्ता के सक्रिय नेतृत्व तथा श्री ऐ०के० शर्मा, निर्देशक, के दिशा निर्देशन में छान-बीन तथा विशेषण के पश्चात समेकित की गई है।


(टी०जी० श्रीनिवासन)

दिनांक-11 दिसम्बर, 2002

नई दिल्ली - 110 066



दूरभाष (का०)

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अध्यक्ष

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केन्द्रीय विद्युत प्राधिकरण

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PREFACE

The Electric Power Sector in India has made rapid progress since the beginning of the planning era about 50 years ago. Both in terms of installed capacity and length of transmission lines constructed, the growth of the power sector has been significant. Notwithstanding the above, it has not been possible to keep pace with the rapid growth in load increase, primarily due to resources constraints. The contribution of CEA to the development of the power sector in the country which has grown at a compound rate of 7% to 8% per annum, has been significant over the years. CEA has guided the power utilities in the country in various sectors such as induction of new technologies, generation & transmission planning, consultancy, transmission system development etc.

Information is power, yet information on power does not percolate to the grassroot level. Collection, analysis and publication of enormous authentic data pertaining to power sector is a gigantic task. Within the system constraints, CEA has been discharging this duty and bringing out many reports and analysis on daily, monthly and yearly basis. As the sources of bulk of the data are the utilities/corporations or the respective organizations in the reformed setup, there is a need for upgradation of their system. A comprehensive scheme for obtaining data through POWER-NET is under the active consideration of Central Electricity Authority and discussions in this direction are being held with the concerned agencies.

Central Electricity Authority has been publishing "Public Electricity Supply-All India Statistics-General Review" every year on the basis of information/data furnished by various utilities/non-utilities in the power sector and the present General Review for the year 1999-2000 is in continuation of the series. Most of the utilities and non-utilities have furnished the data to the Authority. Wherever the data were not furnished by some of the utilities, reasonable estimates have been made to complete All India picture of the salient features covered in the publication and mention of the same has been made under each Section of the publication.

The data information has been compiled after sifting and analyzing the same in the Data Management Division of CEA under the expert guidance of Shri Vishnu.B.Gupta Chief Engineer and supervision of Sh. A.K.Sharma, Director.

(T.G.SRINIVASAN)

Dated the 11th December, 2002.

परिचय

सार्वजनिक विद्युत आपूर्ति-अखिल भारतीय सांख्यिकी के सम्बन्ध में सामान्य पुर्नवालोकेन केन्द्रीय विद्युत प्राधिकरण द्वारा प्रत्येक वर्ष प्रकाशित किया जा रहा है। यह प्रकाशन संक्षिप्त रूप से देश में विद्युत आपूर्ति उद्योग की प्रगति तथा विकास की प्रमुख विशेषताएं प्रस्तुत करता है। यह दस खण्डों में बांटा गया है जो वर्ष १९९९-२००० के दौरान देश में प्रत्येक राज्य तथा संघशासित क्षेत्रों की विद्युत आपूर्ति उद्योग द्वारा प्राप्त की गई प्रगति के विभिन्न पक्ष दर्शाता है। प्रचालन आँकड़े जैसे ईंधन खपत, शीर्ष मांग तथा मानव बल भी विद्युत क्षेत्र में पुर्नवालोकेन में सम्मिलित है।

३१ मार्च २००० तक विद्युत विकास का एक संक्षिप्त 'उपरी अवलोकेन' इस दस्तावेज के प्रारम्भ में दिया गया है। प्रतिष्ठापित क्षमता की वर्षवार, योजनावार वृद्धि, उत्पादन खपत, नमूना, ग्राम विद्युतीकरण, प्रतिव्यक्ति खपत इत्यादि ३१ मार्च २००० तक तिथिपर्यन्त किए गए हैं। वर्ष १९९९-२००० के दौरान विद्युत क्षेत्र द्वारा की गई प्रगति की मुख्य विशेषताएं नीचे दी गई हैं।

- ◆ उत्पादन क्षमता में अभिवृद्धि ५८३६ में (४५९१ में वा जनउपयोगिताओं में तथा १२४५ में वा गैर-जनउपयोगिताओं) की है। देश में संचयी प्रतिष्ठापित क्षमता ११३२२० में वा तक बढ़ गई है। पिछले वर्ष की तुलना में प्रतिशतता वृद्धि, सार्वजनिक जनउपयोगिताओं के मामले में ४.९२ प्रतिशत तथा गैर जनउपयोगिताओं के मामले में ८.८४ प्रतिशत थी।
- ◆ पिछले वर्ष की तुलना में वर्ष १९९९-२००० के दौरान विद्युत जनउपयोगिताओं में विद्युत उत्पादन में बढ़ोतरी ७.२५ प्रतिशत थी। भाप शक्ति संयन्त्र में ७.६१ प्रतिशत की वृद्धि हुई जबकि विद्युत संयन्त्रों से उत्पादन में २.६ प्रतिशत की कमी हुई।
- ◆ पिछले वर्ष के दौरान ४.३८ प्रतिशत की तुलना में वर्ष के दौरान सार्वजनिक जनउपयोगिताओं द्वारा विभिन्न उपभोक्ताओं को विद्युत बेचने में १.०० प्रतिशत की वृद्धि हुई। पिछले वर्ष के दौरान ३३.९३ औद्योगिक क्षेत्र में उर्जा खपत हिस्सा ३४.१२ प्रतिशत था।
- ◆ पिछले वर्ष के दौरान ४.०२ मिलियन नए उपभोक्ताओं की अभिवृद्धि हुई जिससे सभी श्रेणियों के उपभोक्ताओं की कुल संख्या १११.२६ मिलियन हो गई। वर्ष के अंत में कुल संयुक्त भार २१४८१४ मेगावाट था प्रतिव्यक्ति बिजली की खपत पिछले वर्ष की तुलना में ३६०.१ किलो वाट से वर्ष के दौरान ३६४.४५ किलोवाट प्रतिघंटा तक बढ़ गई।
- ◆ वर्ष के दौरान ग्रामीण क्षेत्रों के विद्युतीकरण पर निरन्तर महत्व दिया गया है। १९९१ की जनगणना के आधार देश से ३१-३-२०० तक कुल विद्युतीकृत गांवों की संख्या ५०६९१६ थी जोकि कुल गांवों का ८६.३० प्रतिशत थी।

प्रसारन तथा वितरण तन्त्र की नई प्रसारण एवम् वितरण लाईनाओं का जोड़ने में आगे वृद्धि हुई थी। पिछले वर्ष के अंत में ५७१०३९६ सर्किट कि०मी० से ३१-३-२००० को प्रसारण एवम् वितरण लाईनाओं की लम्बाई ५७२८२७७ सर्किट कि०मी० बढ़ गई।

नई दिल्ली

दिनांक ११/१२/२००२

विष्णु भगवान गुप्ता

(विष्णु भगवान गुप्ता)

मुख्य अभियंता

INTRODUCTION

The **General Review** in respect of "**All India Electricity Statistics**" is being published yearly by the Central Electricity Authority. This publication presents salient features of the progress and development of electricity supply industry in the country. It is divided into 10 Sections presenting various aspects of the progress achieved by the electricity supply industry in each of the States and Union Territories in the country during the year 1999-2000. The operating data like fuel consumption, peak demand and man-power engaged in the Power Sector are also included in the review.

A brief «Overview» of the power development upto 31st March, 2000 is given in the beginning of the document. Year-wise / plan-wise growth of installed capacity, generation, consumption pattern, rural electrification, per capita consumption etc. have been updated upto 31.3.2000. Salient features of progress made by Power Sector during 1999-2000 are as follows:

The addition to generating capacity is 5836 MW (4591 MW in utilities and 1245 MW in non-utilities) raising the cumulative installed capacity in the country to 113220 MW. Percentage growth over the previous year was 4.92% in the case of Public Utilities and 8.84% in the case of Non-Utilities.

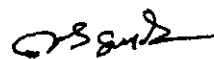
The increase in electricity generation in utilities during 1999-2000 was 7.25% over that of previous year. Steam power plants registered an increase in generation of 7.61%, while generation from hydro plants decreased by 2.61%.

There has been increase of 1.00% in electricity sold to various consumers by Public Utilities during the year as compared to 4.38% during the previous year. The share of energy consumed by the Industrial Sector was 34.12% as compared to 33.93% during the last year.

There has been an addition of 4.02 millions new consumers during the year, increasing the total number of consumers of all categories to 111.26 million. The total connected load at the end of the year was 214814 MW. The per capita consumption of electricity during the year increased to 364.45 Kwh from 360.01 Kwh as compared to the previous year.

The emphasis on electrification of rural areas continued during the year. The total number of villages electrified as on 31.3.2000 was 506916 representing 86.30% of the total villages in the country based on 1991 Census.

The transmission and distribution network was further augmented by adding new T&D lines. The total length of T&D lines increased to 5728277 Ckt. Kms. as on 31.3.2000 from 5710396 Ckt. Kms. at the end of the previous year.



(Vishnu Bhagwan Gupta)
Chief Engineer

आभारोक्ति

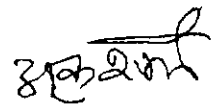
वर्ष १९९९-२००० के लिए 'सामान्य पुर्नवलोकन' श्री टी०जी० श्रीनिवासन, सदस्य (आर्थिक एवं वाणिज्य और योजना स्कन्ध) तथा श्री वी०बी० गुप्ता, मुख्य अभियंता, (आंकड़ा प्रबन्धन एवं भार पूर्वानुमान प्रभाग) के सक्रिय नेतृत्व में समेकित किया गया है। उनका सतत् सहयोग तथा मार्गदर्शन इस रिपोर्ट को कम से कम समय में प्रकाशित करने में एक सतत् प्रेरणा स्रोत रहा है। हम राज्य विद्युत बोर्डों एवम् निगम, सार्वजनिक उपक्रमों के अध्यक्षों एवं प्रबन्ध निर्देशकों, अनुज्ञप्तिधरियों के अध्यक्षों के, उनके राज्यों/केन्द्र शासित प्रदेशों में विद्युत क्षेत्र के सम्बन्ध में आंकड़े प्रस्तुत करने के लिए बहुत आभारी हैं। हालांकि, पुराने राज्य विद्युत बोर्डों के उत्पादन, संचारण तथा वितरण कम्पनियों में पुर्नगठन के कारण आंकड़ों के समेकन में काफी समस्याओं का सामना करना पड़ा, फिर भी सभी ने समय पर आंकड़े प्रस्तुत करने में सहयोग किया है।

हम श्री आर० राय०, उप निर्देशक, उत्तरी क्षेत्रीय विद्युत सर्वेक्षण कार्यालय, श्री के० रामामूर्ति, उप निर्देशक, पश्चिमी क्षेत्रीय विद्युत सर्वेक्षण कार्यालय, श्री टी०आर० रेड्डी, उप निर्देशक, दक्षिणी क्षेत्रीय विद्युत सर्वेक्षण कार्यालय, के आभारी हैं, तथा श्री एस०के० भट्टाचार्य, उप निर्देशक, पूर्वी क्षेत्रीय विद्युत सर्वेक्षण कार्यालय, के आभारी हैं जिन्होंने ने राज्य विद्युत बोर्डों एवम् अन्य विद्युत जनउपयोगिताओं से सम्पर्क करके एवम् उनके साथ विचार-विमर्श करने के उपरान्त हमें कैप्टिव पावर के आंकड़े उपलब्ध कराने में प्रयास किए हैं। श्री एस०एन० तोबरिया, निर्देशक, तथा उनके अभियंताओं को विशेष धन्यवाद देते हैं, जिन्होंने देश में कैप्टिव विद्युत उत्पादन पर अध्याय तैयार किया है। केन्द्रीय विद्युत प्राधिकरण के श्री के०के० सिंह, श्री जी०डी० ढींगरा, श्री डी०पी० राठी उप निर्देशक, एस०सी० दास, श्री एस०सी० मित्तल तथा श्री के०के० पुरी सहायक निर्देशकों के आंकड़ों के समेकन तथा विश्लेषण प्रशंसनीय है। श्री आर०एस० भाटिया तथा श्री पी०के० होम, अतिरिक्त सहायक निर्देशकों (वाज्यिक), को 'डी बे' प्रोग्रामिंग के माध्यम से कम्प्यूटर पर आंकड़े देने के विशेष प्रयत्नों के लिए धन्यवाद करते हैं। श्री डी०सी० डबराल, श्री अशोक कुमार सांख्यिकी सहायक, श्री राजेश कुमार व्यवसायिक सहायक तथा श्री आर०के० अरोड़ा, वैयक्तिक सहायक को उनके विशेष प्रयत्नों के द्वारा 'सामान्य पुर्नवलोकन' को प्रकाशित करने के लिए धन्यवाद देते हैं।

अंत में हम श्री गुरदयाल सिंह, सचिव, केन्द्रीय विद्युत प्राधिकरण तथा विद्युत शक्ति सूचना समिति के द्वारा हमारे प्रकाशन 'सामान्य पुर्नवलोकन १९९९-२०००' को प्रकाशित कराने के लिए भी बहुत आभारी हैं।

नई दिल्ली - ११००६६

दिनांक ११-१२-२००२



(ए० के० शर्मा)

निर्देशक

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**Overview of
Power Development in the Country
(Utilities)**

POWER DEVELOPMENT IN THE COUNTRY

AN OVERVIEW

Power Development in India commenced at the end of 19th Century with the Commissioning of Electricity Supply in Darjeeling during 1897, followed by Commissioning of Hydel Power station at Sivasamudram in Karnataka during 1902. In the pre-independence era, the power supply was mainly in the hands of Private Sector that too restricted to the urban areas. After independence, the Government of India felt the need for restructuring electricity supply industry with a view to rationalise its growth all over the country. The Electricity (Supply) Act was enacted in 1948. With the formation of State Electricity Boards in various parts of the country in the early 50s, and with the advent of the Five Year Plans, a significant step was taken in bringing about systematic growth of power supply industry all over the country. A number of multi-purpose projects came into being and with the setting up of Thermal, Hydro and Nuclear Power Stations, Power Generation started increasing significantly. The Central participation in the expansion of Power Generation Program started with the creation of two Generating Corporations viz. National Thermal Power Corporation and National Hydro Power Corporation during the year 1975, which gave a fillip to the growth of the Power Sector in the country. The Nuclear Power Corporation and Power Grid Corporation of India Ltd. were created to give further boost to the Power Development Program. The growth of the power sector in the country from 1950 to the end of 1999-2000 has been brought out in the present general review 1999-2000

I. INSTALLED CAPACITY

The Installed Capacity which was only 1713 MW as on 31.12.1950 rose to 85795 MW at the end of VIIIth Plan period, constituting 61010 MW thermal i.e. 71.12%, 21658 MW hydel i.e. 25.24% , Nuclear 2225 MW i.e. 2.59% and wind 902.01MW i.e. 1.05% of the total installed capacity. The gross addition was 16422.5 MW during 1992-97 against the target of 30537.7 MW. Besides this there are some plants retired/ uprated and capacity added from small diesel sets, mini hydro and wind in each year of the Plan. Summary is given below:

TYPE	HYDRO	THERMAL	NUCLEAR	TOTAL
Major Plants	2427.65	13554.82	440.00	16422.47
Mini Hydro/Diesel/ Wind.Addition	36.18	912.96	-	949.14
Retirement/ Deletion	(-) 0.06	(-) 531.37	-	(-)531.43
Reporting difference/ Up-rating.	-	(-) 110.00	-	(-) 110.00
Net Addition	2463.77	13826.41	440.00	16730.18

The total Installed Capacity rose to 97885 MW at the end of March, 2000.

II. GROSS GENERATION

The gross electricity generation which was 5,107 Gwh during the year ending 31.12.1950 rose to 395889 Gwh during the year 1996-97 (last year of the VIIIth plan). The contribution from thermal capacity is 317042 Gwh i.e.80.09%, from hydel 68901 Gwh i.e.17.40% from Nuclear 9071 Gwh i.e.2.29%and from Wind Capacity 875 Gwh i.e. 0.22% of the total generation. The total generation rose to 481055 Gwh in 1999-00 constituting thermal 385605 Gwh i.e.80.16%, hydel 80755 Gwh i.e. 16.79%, nuclear 13249 Gwh i.e. 2.75% and wind 1446 Gwh i.e. 0.30% of the total generation.

III. CONSUMPTION

The consumption of 4157 Gwh as on 31.12.1950 rose to 280206 Gwh during the year 1996-97 the last year of the VIII Plan. It is further increased to 312841 Gwh during the year 1999-00 (the third year of the IXth Plan). There has been substantial growth in the consumption of electricity during every plan. The industrial and agricultural categories constitute the major consumers of electricity. The percentage consumption in the industrial sector has gone up to 34.12% during the year 1999-00 from 33.93% during the year 1998-99. However in the agricultural sector the percentage consumption has come down to 29.07% during the year 1999-00 as compared to 31.38% during the year 1998-99. Similarly there is a rising trend in the domestic sector from 20.98% to 22.54% in the same period.

IV. RURAL ELECTRIFICATION

The total number of villages electrified as on 31.3.1951 was 3061 which constitute 0.54% of the total villages existing at that time. The total number of villages electrified at the end of VIII Plan i.e. 31.3.1997 was 498836 based on 1991 census. It further rose to 506916 as on 31-3-00 based on 1991 census representing 86.30% of the total villages electrified.

V. TRANSMISSION & DISTRIBUTION LINES

The length of transmission and distribution lines which was 29271 Ckt. Kms. as on 31.12.1950 rose to 51,40,993 Ckt. Kms. as on 31st March 1997 (end of VIII Plan). It further rose to 5728277 Ckt. Kms. as on 31.3.2000.

VI. PER CAPITA CONSUMPTION

An important index of Power development is the per capita consumption of electricity which reflects the quantity of energy utilised by each habitat. The per capita consumption which was 15.6 Kwh during 1950 increased to 283.10 Kwh during the years 1996-97 the last year of VIIIth Plan. This went up further to 364.45 Kwh during the year 1999-00.

TABLE NO.1
PLANWISE GROWTH OF POWER SECTOR IN THE COUNTRY-UTILITIES ONLY

	Installed Capacity (MW)	Gross Generation (GWH) (A)	Consumption (GWH) (A)	No. of villages electrified	Length of T & D Lines (CKt. Kms.)	Per capita consumption (Utilities+ Non-Utilities) (KWH) (A)
31.12.50	1713	5107	4157	\$ 3061	@ 29271	15.55
1st Plan ending on *31.03.56	2695 (57.3)	8592 (68.2)	7111 (71.1)	7294 (138.3)	@ 66421 (126.9)	26.4 (69.8)
IIInd Plan ending on **31.03.61	4653 (72.7)	16937 (97.1)	13841 (94.6)	21754 (198.2)	@ 157887 (137.7)	37.9 (43.6)
IIIrd Plan ending on 31.03.66	9027 (94.0)	32990 (94.8)	26735 (93.2)	45148 (107.6)	541704 (243.1)	61.3 (61.7)
Three Annual Plans ending on 31.03.69	12957 (43.5)	47434 (43.8)	37352 (39.7)	73739 (63.3)	836307 (54.4)	77.88 (27.0)
IVth Plan ending on 31.03.74	16664 (28.6)	66689 (40.6)	50246 (34.5)	156729 (112.5)	1546097 (84.9)	97.48 (25.2)
Vth Plan ending on 31.03.79	26682 (60.1)	102523 (53.7)	77293 (53.8)	232770 (48.5)	2145919 (38.3)	130.94 (34.3)
Annual Plan ending on 31.03.80	28448 (6.6)	104627 (2.1)	78084 (1.0)	249799 (7.3)	2351609 (9.6)	130.49 (-0.3)
VIth Plan ending on 31.03.85	42585 (49.7)	156859 (49.9)	114068 (46.1)	370332 (48.2)	3211956 (36.6)	168.52 (29.1)
VIIth Plan ending on 31.03.90	63636 (49.4)	245438 (56.5)	175419 (53.8)	470838 (27.1)	4407501 (37.2)	237.95 (41.4)
Two Annual Plans ending on 31.03.92	69065 (7.9)	287029 (8.9)	207645 (8.7)	487170 (5.1)	4574200 (5.4)	269.98 (6.7)
VIIIth Plan ending on 31.03.97	85795 (34.8)	395889 (61.3)	280206 (59.7)	498836 (5.9)	5140993 (16.6)	334.26 (40.5)

Note -

* Figures for the 1st Plan period are from 1.1.51 to 31.12.55.

** Figures for the IIInd Plan period are from 1.1.56 to 31.3.61.

Figures in brackets are %age growth with reference to preceeding Plan.

@ Does not include distribution lines as no information is available below 500 volts lines.

(\$) Figures ending March, 1951.

(A) Figures for the year ending on the indicated dates.

TABLE NO.II
INSTALLED GENERATING CAPACITY IN THE COUNTRY
PRIMEMOVERWISE (UTILITIES ONLY)

YEAR	(MW)			
	TOTAL	HYDRO	THERMAL (including Diesel Wind, Gas & Steam)	NUCLEAR
1950	1712.52 (100.00)	559.29 (32.66)	1153.23 (67.34)	0.00 0.00
1951	1835.43 (100.00)	575.18 (31.34)	1260.25 (68.66)	0.00 0.00
1952	2061.76 (100.00)	715.18 (34.69)	1346.58 (65.31)	0.00 0.00
1953	2305.19 (100.00)	731.18 (31.72)	1574.01 (68.28)	0.00 0.00
1954	2494.00 (100.00)	793.35 (31.81)	1700.65 (68.19)	0.00 0.00
1955	2694.82 (100.00)	939.48 (34.86)	1755.34 (65.14)	0.00 0.00
1956	2886.14 (100.00)	1061.44 (36.78)	1824.70 (63.22)	0.00 0.00
1957-58	3223.11 (100.00)	1213.92 (37.66)	2009.19 (62.34)	0.00 0.00
1958-59	3511.59 (100.00)	1361.44 (38.78)	2149.84 (61.22)	0.00 0.00
1959-60	3873.17 (100.00)	1530.15 (39.51)	2343.02 (60.49)	0.00 0.00
1960-61	4653.05 (100.00)	1916.66 (41.19)	2736.39 (58.81)	0.00 0.00
1961-62	5218.82 (100.00)	2419.10 (46.35)	2799.72 (53.65)	0.00 0.00
1962-63	5801.19 (100.00)	2936.35 (50.62)	2864.84 (49.38)	0.00 0.00
1963-64	6576.94 (100.00)	3167.02 (48.16)	3403.92 (51.84)	0.00 0.00
1964-65	7396.67 (100.00)	3388.73 (45.81)	4007.94 (54.19)	0.00 0.00
1965-66	9027.02 (100.00)	4123.74 (45.68)	4903.28 (54.32)	0.00 0.00

Note -Figures in brackets indicate % to total installed capacity

TABLE NO.II (Contd.)
INSTALLED GENERATING CAPACITY IN THE COUNTRY
PRIMEMOVERWISE (UTILITIES ONLY)

(MW)

YEAR	TOTAL	HYDRO	THERMAL (including Diesel, Wind, Gas & Steam)	NUCLEAR
1966-67	10092.17 (100.00)	4757.22 (47.14)	5334.95 (52.86)	0.00 0.00
1967-68	11888.16 (100.00)	5486.92 (46.17)	3396.24 (53.83)	0.00 0.00
1968-69	12957.27 (100.00)	5906.91 (45.59)	7050.36 (54.41)	0.00 0.00
1969-70	14102.45 (100.00)	6134.77 (43.50)	7547.68 (53.52)	420.00 (2.98)
1970-71	14708.95 (100.00)	6383.23 (43.40)	7905.72 (53.74)	420.00 (2.86)
1971-72	15254.37 (100.00)	6611.61 (43.34)	8222.76 (53.91)	420.00 (2.75)
1972-73	16301.71 (100.00)	6785.41 (41.62)	8876.30 (54.45)	640.00 (3.93)
1973-74	16663.56 (100.00)	6965.30 (41.80)	9058.26 (54.36)	640.00 (3.84)
1974-75	18316.68 (100.00)	7529.24 (41.11)	10147.44 (55.40)	640.00 (3.49)
1975-76	20117.06 (100.00)	8463.60 (42.07)	11013.46 (54.75)	640.00 (3.18)
1976-77	21468.59 (100.00)	9024.90 (42.04)	11803.69 (54.98)	640.00 (2.98)
1977-78	23668.71 (100.00)	10020.22 (42.34)	13008.49 (54.96)	640.00 (2.70)
1978-79	26680.06 (100.00)	10833.07 (40.60)	15206.99 (57.00)	640.00 (2.40)
1979-80	28447.83 (100.00)	11383.97 (40.02)	16423.86 (57.73)	640.00 (2.25)

Note -Figures in brackets indicate % to total installed capacity.

**TABLE NO.II (Contd.)
INSTALLED GENERATING CAPACITY IN THE COUNTRY
PRIMEMOVERWISE (UTILITIES ONLY)**

(MW)

YEAR	TOTAL	HYDRO	THERMAL (including Diesel, Wind, Gas & Steam)	NUCLEAR
1980-81	30213.68 (100.00)	11791.22 (39.02)	17562.46 (58.13)	860.00 (2.85)
1981-82	32345.09 (100.00)	12172.81 (37.63)	19312.28 (59.71)	860.00 (2.66)
1982-83	35363.27 (100.00)	13055.86 (36.92)	21447.41 (60.65)	860.00 (2.43)
1983-84	39338.86 (100.00)	13855.56 (35.23)	24388.3 (61.99)	1095.00 (2.78)
1984-85	42584.72 (100.00)	14460.02 (33.96)	27029.7 (63.47)	1095.00 (2.57)
1985-86	46769.03 (100.00)	15471.6 (33.08)	29967.43 (64.08)	1330.00 (2.84)
1986-87	49265.86 (100.00)	16195.64 (32.87)	31740.22 (64.43)	1330.00 (2.70)
1987-88	54155.17 (100.00)	17265.33 (31.88)	35559.84 (65.66)	1330.00 (2.46)
1988-89	59040.38 (100.00)	17798.05 (30.15)	39677.33 (67.20)	1565.00 (2.65)
1989-90	63636.34 (100.00)	18307.63 (28.77)	43763.71 (68.77)	1565.00 (2.46)
1990-91	66086.33 (100.00)	18753.42 (28.38)	45767.91 (69.25)	1565.00 (2.37)
1991-92	69065.19 (100.00)	19194.31 (27.99)	48085.88 (69.62)	1785.00 (2.59)
1992-93	72330.37 (100.00)	19575.94 (27.07)	50749.43 (70.16)	2005.00 (2.77)
1993-94	76753.41 (100.00)	20379.04 (26.55)	54369.37 (70.84)	2005.00 (2.61)
1994-95	81171.33 (100.00)	20832.79 (25.67)	58113.54 (71.59)	2225.00 (2.74)
1995-96	83293.52 (100.00)	20985.58 (25.20)	60082.94 (72.13)	2225.00 (2.67)

Note:-Figures in brackets indicate % to total installed capacity.

**TABLE NO.II (Contd.)
 INSTALLED GENERATING CAPACITY IN THE COUNTRY
 PRIME-MOVERWISE (UTILITIES ONLY)**

YEAR	TOTAL (H+T+N+W)	HYDRO (H)	THERMAL			NUCLEAR (N)	Sub- Total (H+T+N)	WIND (W)
			(T)	Steam	Gas				Diesel
1996-97	85795.37	21658.08	61010.28	54154.48	6561.90	2225.00	84893.36	902.01
					293.90			
1997-98	89102.27	21904.51	64004.64	71.83	55969.48	2225.00	88134.15	968.12
	100.00	24.58			7661.40	2.50	98.91	1.09
					373.76			
1998-99	93293.55	22479.13	67565.41	72.42	57954.48	2225.00	92269.54	1024.01
	100.00	24.10			8998.90	2.38	98.90	1.10
					612.03			
1999-00	97884.47	23856.78	70492.81	71.71	59855.88	2680.00	96729.59	1154.88
	100.00	24.37			9596.90	2.74	98.82	1.18
					740.03			

**TABLE NO.III
GROSS ELECTRICITY GENERATION IN THE COUNTRY
PRIMEMOVERWISE (UTILITIES)**

(GWH)

YEAR	TOTAL	HYDRO	THERMAL (including Diesel, Wind, Gas & Steam)	NUCLEAR
1950	5106.70 (100.00)	2519.17 (49.34)	2586.93 (50.66)	0.00 0.00
1951	5858.40 (100.00)	2859.7 (48.81)	2998.70 (51.19)	0.00 0.00
1952	6120.35 (100.00)	2799.13 (45.73)	3321.22 (54.27)	0.00 0.00
1953	6697.19 (100.00)	2913.86 (43.51)	3783.33 (56.49)	0.00 0.00
1954	7521.78 (100.00)	3236.52 (43.03)	4285.26 (56.97)	0.00 0.00
1955	8592.45 (100.00)	3742.24 (43.55)	4850.21 (56.45)	0.00 0.00
1956	9662.13 (100.00)	4294.87 (44.45)	5367.26 (55.55)	0.00 0.00
1957-58	11369.14 (100.00)	5072.24 (44.61)	6296.90 (55.39)	0.00 0.00
1958-59	12993.89 (100.00)	5848.1 (45.01)	7145.79 (54.99)	0.00 0.00
1959-60	15032.95 (100.00)	7027.42 (46.75)	8005.53 (53.25)	0.00 0.00
1960-61	16937.01 (100.00)	7836.58 (46.27)	9100.43 (53.73)	0.00 0.00
1961-62	19669.95 (100.00)	9814.38 (49.90)	9855.57 (50.10)	0.00 0.00
1962-63	22364.97 (100.00)	11804.54 (52.78)	10560.43 (47.22)	0.00 0.00
1963-64	26817.57 (100.00)	13956.7 (52.04)	12860.87 (47.96)	0.00 0.00
1964-65	29563.08 (100.00)	14798.85 (50.56)	14764.23 (49.94)	0.00 0.00
1965-66	32990.12 (100.00)	15224.97 (46.15)	17765.15 (53.85)	0.00 0.00

TABLE NO.III
GROSS ELECTRICITY GENERATION IN THE COUNTRY
PRIMEMOVERWISE (UTILITIES)

(GWH)

YEAR	TOTAL	HYDRO	THERMAL (including Diesel, Wind, Gas & Steam)	NUCLEAR
1966-67	36375.59 (100.00)	16734.1 (46.00)	19641.49 (54.00)	0.00 0.00
1967-68	41194.64 (100.00)	18658.06 (45.29)	22536.58 (54.71)	0.00 0.00
1969-70	51988.72 (100.00)	23046.05 (44.33)	27603.67 (53.10)	1339.00 (2.57)
1970-71	55827.64 (100.00)	25248.24 (45.23)	28162.02 (50.44)	2417.38 (4.33)
1971-72	60925.63 (100.00)	28024.22 (46.00)	31712.09 (52.05)	1189.32 (1.95)
1972-73	64546 (100.00)	27195.95 (42.13)	36217.31 (56.11)	1132.74 (1.76)
1973-74	66689.03 (100.00)	28971.84 (43.45)	35320.83 (52.96)	2396.36 (3.59)
1974-75	70190.53 (100.00)	27875.18 (39.72)	40109.26 (57.14)	2206.09 (3.14)
1975-76	79230.92 (100.00)	33301.77 (42.03)	43302.64 (54.65)	2626.51 (3.32)
1976-77	88333.31 (100.00)	34836.13 (39.43)	50244.9 (56.89)	3252.28 (3.68)
1977-78	91369.03 (100.00)	38007.16 (41.60)	51089.7 (55.91)	2272.17 (2.49)
1978-79	102522.52 (100.00)	47158.86 (46.00)	52593.98 (51.30)	2769.68 (2.70)
1979-80	104627.26 (100.00)	45477.55 (43.47)	56273.12 (53.78)	2876.59 (2.75)

Note: Figures in brackets indicate % age to total generation.

**TABLE NO.III (Contd.)
GROSS ELECTRICITY GENERATION IN THE COUNTRY
PRIMEMOVERWISE (UTILITIES)**

(GWH)

YEAR	TOTAL	HYDRO	THERMAL (including Diesel, Wind, Gas & Steam)	NUCLEAR
1980-81	110843.96 (100.00)	46541.76 (41.99)	61300.86 (55.30)	3001.34 (2.71)
1981-82	122101.43 (100.00)	49564.93 (40.60)	69515.61 (56.93)	3020.89 (2.47)
1982-83	130263.58 (100.00)	48373.38 (37.13)	79868.26 (61.32)	2021.94 (1.55)
1983-84	140177.36 (100.00)	49954.27 (35.64)	86677.03 (61.83)	3546.06 (2.53)
1984-85	156859.38 (100.00)	53948.25 (34.39)	98836.3 (63.01)	4074.83 (2.60)
1985-86	170350.13 (100.00)	51020.78 (29.95)	114347.47 (67.12)	4981.88 (2.93)
1986-87	187713.99 (100.00)	53840.86 (28.68)	128851.39 (68.65)	5021.74 (2.67)
1987-88	202092.7 (100.00)	47444.37 (23.48)	149613.61 (74.03)	5034.72 (2.49)
1988-89	221396.13 (100.00)	57867.89 (26.14)	157711.13 (71.23)	5817.11 (2.63)
1989-90	245437.92 (100.00)	62116.09 (25.31)	178696.45 (72.81)	4625.38 (1.88)
1990-91	264328.61 (100.00)	71641.31 (27.11)	186546.20 (70.57)	6141.1 (2.32)
1991-92	287028.58 (100.00)	72757.09 (25.35)	208747.09 (72.73)	5524.4 (1.92)
1992-93	301361.72 (100.00)	69869.25 (23.19)	224766.18 (74.58)	6726.29 (2.23)
1993-94	324049.55 (100.00)	70462.63 (21.74)	248189.2 (76.59)	5397.72 (1.67)
1994-95	350490.36 (100.00)	82711.95 (23.60)	262130.19 (74.79)	5648.22 (1.61)
1995-96	379877.19 (100.00)	72579.19 (19.11)	299316.35 (78.79)	7981.65 (2.10)

Note:-Figures in brackets indicate % age to total generation

TABLE NO.III
GROSS ELECTRICITY GENERATION IN THE COUNTRY
PRIMEMOVERWISE (UTILITIES)

(GWH)

YEAR	TOTAL	HYDRO	THERMAL (including Diesel, Wind, Gas & Steam)	NUCLEAR
1966-67	36375.59 (100.00)	16734.1 (46.00)	19641.49 (54.00)	0.00 0.00
1967-68	41194.64 (100.00)	18658.06 (45.29)	22536.58 (54.71)	0.00 0.00
1969-70	51988.72 (100.00)	23046.05 (44.33)	27603.67 (53.10)	1339.00 (2.57)
1970-71	55827.64 (100.00)	25248.24 (45.23)	28162.02 (50.44)	2417.38 (4.33)
1971-72	60925.63 (100.00)	28024.22 (46.00)	31712.09 (52.05)	1189.32 (1.95)
1972-73	64546 (100.00)	27195.95 (42.13)	36217.31 (56.11)	1132.74 (1.76)
1973-74	66689.03 (100.00)	28971.84 (43.45)	35320.83 (52.96)	2396.36 (3.59)
1974-75	70190.53 (100.00)	27875.18 (39.72)	40109.26 (57.14)	2206.09 (3.14)
1975-76	79230.92 (100.00)	33301.77 (42.03)	43302.64 (54.65)	2626.51 (3.32)
1976-77	88333.31 (100.00)	34836.13 (39.43)	50244.9 (56.89)	3252.28 (3.68)
1977-78	91369.03 (100.00)	38007.16 (41.60)	51089.7 (55.91)	2272.17 (2.49)
1978-79	102522.52 (100.00)	47158.86 (46.00)	52593.98 (51.30)	2769.68 (2.70)
1979-80	104627.26 (100.00)	45477.55 (43.47)	56273.12 (53.78)	2876.59 (2.75)

Note: Figures in brackets indicate % age to total generation.

TABLE NO.III (Contd.)
GROSS ELECTRICITY GENERATION IN THE COUNTRY
PRIMEMOVERWISE (UTILITIES)

(GWH)

YEAR	TOTAL	HYDRO	THERMAL (including Diesel, Wind, Gas & Steam)	NUCLEAR
1980-81	110843.96 (100.00)	46541.76 (41.99)	61300.86 (55.30)	3001.34 (2.71)
1981-82	122101.43 (100.00)	49564.93 (40.60)	69515.61 (56.93)	3020.89 (2.47)
1982-83	130263.58 (100.00)	48373.38 (37.13)	79868.26 (61.32)	2021.94 (1.55)
1983-84	140177.36 (100.00)	49954.27 (35.64)	86677.03 (61.83)	3546.06 (2.53)
1984-85	156859.38 (100.00)	53948.25 (34.39)	98836.3 (63.01)	4074.83 (2.60)
1985-86	170350.13 (100.00)	51020.78 (29.95)	114347.47 (67.12)	4981.88 (2.93)
1986-87	187713.99 (100.00)	53840.86 (28.68)	128851.39 (68.65)	5021.74 (2.67)
1987-88	202092.7 (100.00)	47444.37 (23.48)	149613.61 (74.03)	5034.72 (2.49)
1988-89	221396.13 (100.00)	57867.89 (26.14)	157711.13 (71.23)	5817.11 (2.63)
1989-90	245437.92 (100.00)	62116.09 (25.31)	178696.45 (72.81)	4625.38 (1.88)
1990-91	264328.61 (100.00)	71641.31 (27.11)	186546.20 (70.57)	6141.1 (2.32)
1991-92	287028.58 (100.00)	72757.09 (25.35)	208747.09 (72.73)	5524.4 (1.92)
1992-93	301361.72 (100.00)	69869.25 (23.19)	224766.18 (74.58)	6726.29 (2.23)
1993-94	324049.55 (100.00)	70462.63 (21.74)	248189.2 (76.59)	5397.72 (1.67)
1994-95	350490.36 (100.00)	82711.95 (23.60)	262130.19 (74.79)	5648.22 (1.61)
1995-96	379877.19 (100.00)	72579.19 (19.11)	299316.35 (78.79)	7981.65 (2.10)

Note:-Figures in brackets indicate % age to total generation

TABLE NO.III (Contd.)
GROSS ELECTRICITY GENERATION IN THE COUNTRY
PRIMEMOVERWISE (UTILITIES)

(GWH)

YEAR	TOTAL (H+T+N+W)	HYDRO (H)	THERMAL (T) Steam Gas Diesel	NUCLEAR (N)	Sub- Total (H+T+N)	WIND (W)
1996-97	395889.45 (100.00)	68900.8 (17.40)	317041.87 (80.09) 289378.32 26984.91 678.64	9071.11 (2.29)	395013.78 (99.78)	875.67 (0.22)
1997-98	421747.28 (100.00)	74581.71 (17.69)	336094.54 (79.69) 300730.48 34423.22 940.84	10082.6 (2.39)	420758.85 (99.77)	988.43 (0.23)
1998-99	448544.06 100.00	82922.60 18.49	352619.76 78.61 310013.57 41302.53 1303.66	11922.88 2.66	447465.24 99.76	1078.82 0.24
1999-00	481055.19 100.00	80755.47 16.79	385604.79 80.16 333617.24 49077.14 2910.41	13249.12 2.75	479575.58 99.7	1445.81 0.30

TABLE NO.IV
CONSUMPTION PATTERN IN THE COUNTRY IN DIFFERENT CATEGORIES (UTILITIES ONLY)

ENERGY SALES (GWH)							
YEAR	TOTAL	DOMESTIC	COMMERCIAL	INDUSTRIAL	TRACTION	AGRICULTURE	OTHERS
1	2	3	4	5	6	7	8
1950	4156.66	524.59 (12.60)	308.75 (7.50)	2603.81 (62.60)	308.41 (7.40)	161.68 (3.90)	249.42 (6.00)
1951	4793.34	594.99 (12.40)	331.54 (6.90)	3054.67 (63.70)	329.6 (6.90)	203.04 (4.30)	279.5 (5.80)
1952	5005.68	628.88 (12.60)	336.63 (6.70)	3206.52 (64.00)	324.75 (6.50)	215.18 (4.30)	293.72 (5.90)
1953	5597.08	690.52 (12.30)	399.1 (7.10)	3613.22 (64.60)	358.32 (6.40)	214.12 (3.80)	321.8 (5.80)
1954	6252.5	759.16 (12.10)	446.15 (7.10)	4075.97 (65.20)	378.41 (6.10)	231.39 (3.70)	361.42 (5.80)
1955	7111.01	850.43 (12.00)	514.43 (7.20)	4698.3 (66.00)	403.31 (5.70)	254.79 (3.60)	389.75 (5.50)
1956-57	7959.34	934.11 (11.70)	545.84 (6.80)	5323.43 (66.90)	404.93 (5.10)	316.18 (4.00)	434.85 (5.50)
1957-58	9345.22	1093.63 (11.70)	609.81 (6.50)	6166.8 (66.00)	423.29 (4.50)	544.64 (6.00)	507.05 (5.40)
1958-59	10718.61	1238.03 (11.50)	682.81 (6.30)	7224.05 (67.50)	441.56 (4.10)	583.48 (5.50)	548.68 (5.10)
1959-60	12406.94	1378.54 (11.10)	766.17 (6.20)	8455.52 (68.20)	440.6 (3.60)	753.95 (6.10)	612.16 (4.80)
1960-61	13840.64	1492.29 (10.70)	847.74 (6.10)	9584.32 (69.40)	453.93 (3.30)	832.93 (6.00)	629.43 (4.50)
1961-62	16448.29	1698.08 (10.30)	934.09 (5.70)	11545.6 (70.20)	584.76 (3.60)	991.14 (6.00)	695.22 (4.20)
1962-63	18679.02	1917.85 (10.30)	1048.62 (5.60)	13109.81 (70.20)	723.84 (3.90)	1103.52 (5.90)	775.38 (4.10)
1963-64	21793.98	2062.41 (9.70)	1179.72 (5.50)	15841.84 (73.50)	755.58 (2.20)	1153.17 (5.40)	801.26 (3.70)
1964-65	24219.27	2246.21 (9.20)	1427.48 (5.90)	17378.58 (71.80)	898.33 (3.70)	1396.69 (5.80)	871.98 (3.60)
1965-66	26734.94	2355.15 (8.80)	1650.06 (6.20)	18875.87 (70.60)	1057.29 (4.00)	1891.84 (7.10)	904.73 (3.30)

Note: Figures in brackets indicate the % of total sales.

TABLE NO.IV
CONSUMPTION PATTERN IN THE COUNTRY IN DIFFERENT CATEGORIES (UTILITIES ONLY)

ENERGY SALES (GWH)							
YEAR	TOTAL	DOMESTIC	COMMERCIAL	INDUSTRIAL	TRACTION	AGRICULTURE	OTHERS
1	2	3	4	5	6	7	8
1966-67	29127.64	2626.72 (9.00)	1819.62 (6.20)	20390.80 (70.00)	1180.22 (4.10)	2106.50 (7.20)	1003.78 (3.50)
1967-68	32686.87	2927.97 (8.90)	1750.19 (5.40)	22852.24 (69.90)	1301.66 (4.00)	2585.25 (7.90)	1269.56 (3.90)
1968-69	37352.25	3184.19 (8.50)	2125.74 (5.70)	25891.23 (69.30)	1246.58 (3.30)	3465.44 (9.30)	1439.07 (3.90)
1969-70	41061.70	3491.00 (8.60)	2333.33 (5.70)	28378.66 (69.10)	1448.32 (3.50)	3774.11 (9.20)	1636.28 (3.90)
1970-71	43724.16	3839.76 (8.80)	2572.66 (5.90)	29579.10 (67.60)	1364.57 (3.20)	4470.23 (10.20)	1897.84 (4.30)
1971-72	47063.20	4107.46 (8.70)	2952.78 (6.30)	31637.18 (67.20)	1632.69 (3.50)	5005.62 (10.60)	1737.47 (3.70)
1972-73	49088.06	4309.01 (8.80)	2782.19 (5.70)	32244.21 (65.70)	1830.57 (3.70)	5918.10 (12.00)	2003.98 (4.10)
1973-74	50246.38	4644.55 (9.20)	2987.52 (6.00)	32481.38 (64.60)	1530.76 (3.00)	6310.21 (12.60)	2291.96 (4.60)
1974-75	52631.64	5172.79 (9.80)	3081.57 (5.90)	32690.28 (62.10)	1531.17 (2.90)	7762.73 (14.70)	2393.10 (4.60)
1975-76	60245.81	5821.35 (9.66)	3506.76 (5.82)	37568.12 (62.36)	1855.32 (3.08)	8721.06 (14.48)	2773.20 (4.60)
1976-77	66608.57	6336.56 (9.51)	4141.92 (6.22)	41605.63 (62.47)	2167.72 (3.25)	9620.63 (14.44)	2763.11 (4.11)
1977-78	69255.03	6821.31 (9.85)	4427.59 (6.39)	42635.20 (61.57)	2296.81 (3.32)	10107.36 (14.59)	2966.76 (4.28)
1978-79	77292.82	7575.66 (9.80)	4330.58 (5.60)	47727.70 (61.75)	2185.58 (2.83)	12027.85 (15.56)	3445.45 (4.46)
1979-80	78083.62	8402.23 (10.76)	4656.58 (5.95)	45955.48 (58.86)	2301.15 (2.95)	13452.00 (17.23)	3316.18 (4.25)
1980-81	82367.18	9246.43 (11.23)	4681.84 (5.68)	48069.35 (58.36)	2265.91 (2.75)	14489.03 (17.59)	3614.62 (4.39)
1981-82	90245.33	10439.62 (11.57)	5194.41 (5.76)	53063.79 (58.80)	2504.72 (2.78)	15201.16 (16.84)	3041.63 (4.25)

Note: Figures in brackets indicate the % of total sales.

TABLE NO.V
CONSUMPTION PATTERN IN THE COUNTRY IN DIFFERENT CATEGORIES (UTILITIES ONLY)

ENERGY SALES (GWH)							
YEAR	TOTAL	DOMESTIC	COMMERCIAL	INDUSTRIAL	TRACTION	AGRICULTURE	OTHERS
1	2	3	4	5	6	7	8
1982-83	95588.57	12091.63 (12.65)	5846.25 (6.12)	52967.36 (55.41)	2632.60 (2.75)	17816.84 (18.64)	4233.89 (4.43)
1983-84	102344.49	13234.51 (12.93)	6560.95 (6.41)	57094.47 (55.79)	2709.86 (2.65)	18233.63 (17.81)	4511.07 (4.41)
1984-85	114067.94	15505.72 (13.59)	6937.39 (6.08)	63019.33 (55.25)	2879.75 (2.52)	20960.44 (18.38)	4765.31 (4.18)
1985-86	122999.34	17257.83 (14.08)	7290.10 (5.93)	66980.06 (54.46)	3082.14 (2.51)	23421.97 (19.04)	4967.24 (4.03)
1986-87	135952.08	19323.13 (14.21)	7772.07 (5.72)	70296.87 (51.71)	3229.41 (2.37)	29443.96 (21.60)	5886.64 (4.33)
1987-88	145612.82	22119.81 (15.19)	8840.81 (6.07)	69180.10 (47.51)	3616.32 (2.48)	35266.55 (24.22)	6589.23 (4.53)
1988-89	160196.43	24767.67 (15.46)	9915.17 (6.19)	75411.64 (47.08)	3772.26 (2.35)	38878.37 (24.27)	7451.32 (4.65)
1989-90	175418.95	29576.75 (16.86)	9548.08 (5.44)	80694.32 (46.00)	4069.66 (2.32)	44055.91 (25.12)	7474.23 (4.26)
1990-91	190357.39	31982.37 (16.80)	11180.99 (5.87)	84208.96 (44.24)	4112.38 (2.16)	50321.40 (26.44)	8551.29 (4.49)
1991-92	207644.70	35853.70 (17.27)	12031.61 (5.79)	87288.57 (42.04)	4519.56 (2.18)	58557.17 (28.20)	9394.09 (4.52)
1992-93	220673.60	39717.08 (18.00)	12652.76 (5.73)	90169.55 (40.86)	5067.73 (2.30)	63327.79 (28.70)	9738.69
1993-94	238568.98	43343.66 (18.17)	14143.83 (5.93)	94503.24 (39.61)	5620.34 (2.35)	70699.48 (29.64)	10258.43 (4.30)
1994-95	259629.99	47915.57 (18.46)	15972.64 (6.15)	100125.66 (38.56)	5885.71 (2.27)	79300.94 (30.54)	10429.47 (4.02)
1995-96	277028.57	51733.25 (18.67)	16995.99 (6.13)	104693.13 (37.79)	6223.40 (2.25)	85732.15 (30.95)	9650.65 (4.21)
1996-97	280206.18	55266.54 (19.72)	17519.38 (6.25)	104164.65 (37.18)	6594.21 (2.35)	84018.95 (29.99)	12642.45 (4.51)
1997-98	296748.92	60346.21 (20.33)	19367.51 (6.53)	104925.97 (35.36)	6944.28 (2.34)	91241.56 (30.75)	13923.39 (4.69)
1998-99	309734.05	64973.14 20.98	19798.83 6.39	105080.42 33.93	7306.89 2.36	97195.22 31.38	15379.55 4.96
1999-00	312841.08	70520.27 22.54	21160.85 6.76	106728.01 34.12	8083.44 2.59	90933.64 29.07	15409.87 4.93

Note: Figures in brackets/ bold indicate the % of total sales.

TABLE NO.V
NUMBER OF VILLAGES ELECTRIFIED, T&D LINES AND PER
CAPITA CONSUMPTION IN THE COUNTRY

Y E A R	No. of Villages Electrified	Transmission & Distribution Lines(Ckt.Kms.)	Per capita Consumption (Utilities+Non Utilities) (KWH)
1950	N.A.	29271	15.60
1951	@ 3061	39064	17.80
1952	N.A.	43945	19.00
1953	N.A.	52504	20.90
1954	N.A.	58910	23.00
1955	N.A.	66421	25.70
1956	@ 7294	85427	26.40
1957-58	N.A.	101861	27.90
1958-59	N.A.	119936	30.70
1959-60	N.A.	132473	34.80
1960-61	21754	157887	37.90
1961-62	N.A.	169505	43.60
1962-63	N.A.	385739	48.50
1963-64	N.A.	413139	54.40
1964-65	N.A.	465680	57.50
1965-66	45148	541704	61.40
1966-67	54515	660859	66.20
1967-68	62540	717615	71.60
1968-69	73739	886301	77.90
1969-70	88831	976059	83.50
1970-71	104942	1117163	89.80
1971-72	122100	1304169	93.80
1972-73	139560	1418364	96.30
1973-74	156729	1546097	97.48
1974-75	173533	1621848	98.99
1975-76	185808	1718942	109.95
1976-77	202350	1850273	119.38
1977-78	216863	1999080	120.73
1978-79	232770	2145919	130.94
1979-80	249799	2351609	130.49
1980-81	272287	2522461	132.34
1981-82	296505	2693086	141.27
1982-83	323881	2865312	147.05
1983-84	347564	3002095	154.39
1984-85	370332	3211956	168.52
1985-86	390293	3371216	177.98
1986-87	414845	3572460	191.75
1987-88	435653	3792107	203.02
1988-89	455491	4042022	220.94
1989-90	470838	4407501	237.95
1990-91	481124	4533414	252.77
1991-92	487170	4574200	269.98
1992-93	490839	4725694	283.10
1993-94	494191	4878028	298.96
1994-95	497745	5018408	321.10
1995-96	501831	5089696	336.41
1996-97	\$ 498836	5140993	334.26
1997-98	502043	5523696	348.50
1998-99	504823	5710396	360.01
1999-00	506916	5728277	364.45

Note:-1 For the years 1950 to 1961-62 Distribution lines length is not included in the total as its data is not available.

@ Figures ending March.

N.A.:Not Available \$- As per 1991 Census.

**Organisational Structure of
Electricity Supply Industry in India**

SECTION-I

ORGANISATIONAL STRUCTURE OF ELECTRICITY SUPPLY INDUSTRY IN INDIA

During the year 1999-2000 under review no State Electricity Board was unbundled into Corporations thus the number of Electricity Boards remained same at 16. No Government Undertaking was added during the year.

Under the private sector one new private company has been added in Goa named Reliance Salgaocar Power Company Ltd. and have started operation during the year.

No Rural Electric Cooperative Society have either been added or deleted during the year 1999-2000. At the end of the year 1999-2000 there were 56 private licensees (including 33 cooperative societies) and three Municipal Licensees were existing in the country.

The various tables in this Section give a brief account of various utilities in the Public as well as in Private sector responsible for electricity generation/transmission/distribution in the country.

{Please refer Table nos. 1 to 6}

TABLE NO.1
NAME OF THE STATE ELECTRICITY BOARDS ESTABLISHED UNDER
SECTION 5 OF THE ELECTRICITY (SUPPLY) ACT,1948

Sl. No.	Name of the State	Name of the State Electricity Board	Date of Establishment
NORTHERN REGION			
1	Himachal Pradesh	Himachal Pradesh S.E.B., Shimla	31.08.1971
2	Jammu & Kashmir	Jammu & Kashmir S.E.B., Srinagar/Jammu	05.09.1972
3	Punjab	Punjab S.E.B., Patiala	01.02.1959
4	Rajasthan	Rajasthan S.E.B., Jaipur	01.07.1957
5	Uttar Pradesh	Uttar Pradesh S.E.B., Lucknow	01.04.1959
6	Delhi	Delhi Vidyut Board, Delhi	24.02.1997
WESTERN REGION			
7	Gujarat	Gujarat Elec. Board, Vadodara	01.05.1960
8	Madhya Pradesh	Madhya Pradesh E.B., Jabalpur	01.04.1957
9	Maharashtra	Maharashtra S.E.B., Mumbai	20.06.1960
SOUTHERN REGION			
10	Karnataka	Karnataka Elec. Board, Bangalore	30.09.1957
11	Kerala	Kerala S.E.B. Thiruvananthapuram	31.03.1957
12	Tamil Nadu	Tamil Nadu Elec. Board, Chennai	01.07.1957
EASTERN REGION			
13	Bihar	Bihar State Elec. Board, Patna	01.04.1958
14	West Bengal	West Bengal State Elec. Board, Kolkata	01.05.1956
NORTH-EASTERN REGION			
15	Assam	Assam S.E.B., Guwahati	01.06.1958
16	Meghalaya	Meghalaya S.E.B., Shillong	21.01.1975

S.E.B.:- State Electricity Board

TABLE NO.2
NAMES OF GENERATING COMPANIES, POWER CORPORATIONS,
MANAGEMENT BOARDS UNDER CENTRAL OR JOINT STATE PARTNERSHIP
FOR MEETING REGIONAL POWER REQUIREMENTS AND ELECTRICITY
DEPARTMENTS OF GOVERNMENTS OF VARIOUS STATES/UNION TERRITORIES
EXISTING AS ON 31.3.2000.

Sl. No.	Name	Location of Head Quarters	Ownership
(A) GENERATING UNDERTAKINGS			
1.	National Thermal Power Corpn.Ltd.	New Delhi	Central Government
2.	National Hydro Electric Power Corpn. Ltd.	New Delhi	Central Government
3.	North Eastern Electric Power Corpn. Ltd.	Shillong	Central Government
4.	Nuclear Power Corporation	Mumbai	Central Government
5.	Neyveli Lignite Corporation Ltd.	Neyveli	Central Government
6.	Damodar Valley Corporation.	Calcutta	Central Government
7.	Karnataka Power Corporation Ltd.	Bangalore	Karnataka Govt.
8.	Bhakra Beas Management Board	Chandigarh	Punjab, Haryana & Rajasthan
9.	Pench Hydel Power Station	Totladoh	M.P & Maharashtra
10.	Durgapur Projects Ltd.	Durgapur	West Bengal
11.	Machkund Hydro Electric Project**	Vishakapatnam	Andhra Pradesh/ Orissa Govt.
12.	Tungabhadra Hydro Electric Scheme Tungabhadra Board.	Ballary Distt. (Karnataka)	Andhra Pradesh/ Karnataka Govts.
13.	Uttar Pradesh Rajya Vidyut Utpadan Nigam Ltd.	Lucknow	U.P.Government
14.	Gujarat Energy Development Agency	Vadodara	Gujarat
15.	West Bengal Power Development Corpn.	Calcutta	West Bengal Govt.
16.	Orissa Power Generation Corpn. Ltd.	Bhubaneshwar	Orissa Govt.
17.	Power Grid Corpn. of India Ltd.*	New Delhi	Central Govt.
18.	A.P.Gas Power Corporation	Hyderabad	Joint venture of A.P.S.E.B.
19.	Bihar Hydro Power Corporation	Patna	Bihar Government
20.	Tenughat Vidyut Nigam Ltd.	Patna	Bihar Government
21.	Rajasthan State Power Corporation Ltd.	Jaipur	Rajasthan Govt.
22.	Grid Corpn. of Orissa Ltd.(GRIDCO) *	Bhubaneshwar	Orissa Government.
23.	Orissa Hydro Power Corpn. Ltd.	Bhubaneshwar	Orissa Government.
24.	Gujarat state Electy. Corpn Ltd.	Vadodara	Gujarat Govt.
25.	Haryana Power Generation Corporation(HPGC)	Panchkula	Haryana Government
26.	Haryana Vidyut Prasaran Nigam (HVPN)	Panchkula	Haryana Government
27.	Andhra Pradesh Power Generation Corporation Ltd.	Hyderabad	Andhra Pradesh Government
28.	Transmission Corporation of Andhra Pradesh Ltd.	Hyderabad	Andhra Pradesh Government
29.	Pondicherry Power Corporation Ltd.	Pondicherry	Government of Pondicherry
30.	Irrigation Department	Mumbai	Govt. of Maharashtra, Elect Deptt.

TABLE NO.2 (Contd.)

Sl. No.	Name	Location of Head Quarters	Ownership
(B) STATE ELECTRICITY DEPARTMENTS			
(B) STATE ELECTRICITY DEPARTMENTS			
1	Goa	Panaji	State Government
2	Manipur	Imphal	State Government
3	Nagaland	Kohima	State Government
4	Tripura	Agartala	State Government
5	Arunachal Pradesh	Itanagar	State Government
6	Mizoram	Aizawal	State Government
UNION TERRITORIES			
(C) UNION TERRITORIES			
1.	Andaman & Nicobar Islands	Port Blair	Electricity Deptt.
2.	Chandigarh	Chandigarh	Electricity Deptt.
3.	Dadra & Nagar Haveli*	Silvassa	Electricity Deptt.
4.	Daman & Diu*	Moti (Daman)	Electricity Deptt.
5.	Lakshadweep	Cochin	Electricity Deptt.
6.	Pondicherry	Pondicherry	Electricity Deptt.

* Non-generating Undertakings.

** Operation of the Power House is under the Control of the Superintending Engineer (Operation), Andhra Pradesh Power Generation Corpn. Ltd. Vishakhapatnam.

TABLE NO.3
CLASSIFICATION OF LICENSEES AS ON 31.3.2000

S.NO.	Region/State	No. of Companies & Co-operatives			Total
		Generating & Distributing	Generating Purchasing & Distributing	Purchasing & Distributing	
(A) NORTHERN REGION					
1.	Jammu & Kashmir	0	0	0	0
2.	Rajasthan	0	0	1	1
3.	Uttar Pradesh	0	0	1	1
TOTAL Northern Region		0	0	2	2
(B) WESTERN REGION					
1.	Gujarat	3	3	0	6
2.	Madhya Pradesh	0	0	17	17
3.	Maharashtra	1	2	1	4
4.	Goa	1	0	0	1
TOTAL Western Region		5	5	18	28
(C) SOUTHERN REGION					
1.	Andhra Pradesh	0	2	9	11
2.	Karnataka	2	0	1	3
3.	Kerala	1	0	1	2
4.	Tamil Nadu	1	0	3	4
TOTAL Southern Region		4	2	14	20
(D) EASTERN REGION					
1.	Bihar	0	0	0	0
2.	Orissa	0	0	0	0
3.	West Bengal	0	4	1	5
TOTAL Eastern Region		0	4	1	5
(E) NORTH -EASTERN REGION					
	Assam	1	0	0	1
TOTAL North Eastern Region		1	0	0	1
Total (ALL INDIA)		10	11	35	56

TABLE NO.4
CLASSIFICATION OF MUNICIPAL UNDERTAKINGS - AS ON 31.3.2000

Region/State	Number of Municipalities			Total
	Generating & Distributing	Generating, Purchasing & Distributing	Purchasing & Distributing	
NORTHERN				
Dehi	0	0	1	1
TOTAL Northern Region	0	0	1	1
WESTERN				
Maharashtra	0	0	1	1
TOTAL Western Region	0	0	1	1
SOUTHERN				
Kerala	0	0	1	1
Tamil Nadu	0	0	0	0
TOTAL Southern Region	0	0	1	1
EASTERN	0	0	0	0
NORTH EASTERN REGION	0	0	0	0
Total (ALL INDIA)	0	0	3	3

TABLE NO.5
ACQUISITION OF ELECTRICITY SUPPLY UNDERTAKINGS DURING 1999-2000

Sl.No.	Name of the Undertaking	Prior Ownership	By whom acquired
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NIL

TABLE NO.6
NEW ELECTRICITY SUPPLY UNDERTAKING STARTED
OPERATING DURING THE YEAR 1999-2000

Sl.No.	Name and address of new Undertaking	State/ Union Territory	Date from which Licence/sanction is effective
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STATE GOVT. UNDERTAKING

NIL

PRIVATE SECTOR

1	Reliance Salgaocar	Goa	1999-2000
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SECTION II

Generating Capacity (Utilities)

SECTION-II

INSTALLED GENERATING CAPACITY

Utilities

Installed generating capacity under public utilities in the country increased to 97884.47 MW as on 31.3.2000 as compared to 93293.55 MW as on 31st March, 1999 registering an increase of 4.92% over the previous year.

After taking into account retirements of 68.60 MW capacity of old generating sets during the year, the net addition in generating capacity amounted to 4590.92 MW including additions in small hydro, diesel and wind power stations.

Generating capacity of steam stations continued to form the largest portion of the installed generating capacity followed by hydro, gas, nuclear and diesel generating stations. The relating percentage of generating capacity of steam, hydro, gas, nuclear, diesel/ wind generating stations were 61.15%, 24.37%, 9.80%, 2.74% & 1.94% respectively.

There were 86 steam stations and 346 hydro stations having 383 and 1014 generating sets with total capacity of 59855.88 MW and 23856.78 MW respectively as on 31.3.2000.

Sector wise breakup of Installed Generating Capacity as on 31.3.2000 is given below:-

	(IN MW)			
	Central Sector	State Sector	Private Sector	All India
Hydro	2569.00	20810.78	477.00	23856.78
Steam	20917.50	34767.00	4171.38	59855.88
Diesel	0.00	539.69	200.34	740.03
Wind	0.00	54.91	1099.97	1154.88
Gas	4275.00	2321.00	3000.90	9596.90
Nuclear	2680.00	0.00	0.00	2680.00
Total	30441.50	58493.38	8949.59	97884.47

The various tables in this section give the detailed salient features of the Installed generating capacity in the country as on 31st March, 2000.

[Please refer Table nos. 7 to 18]

TABLE NO.7
ALL INDIA INSTALLED GENERATING CAPACITY (UTILITIES AND NON-UTILITIES)
PRIME-MOVER-WISE-AS ON 31 ST MARCH, 2000.

Category	Year ending	Installed Generating Capacity (MW)					
		Total	Hydro	Steam	Diesel & Wind	Gas	Nuclear
Utilities	31.3.2000	97884.47	23856.78	59855.88	1894.91	9596.90	2680.00
	31.3.1999	93293.55	22479.13	57954.48	1636.04	8998.90	2225.00
	% Increase	4.92	6.13	3.28	15.82	6.65	20.45
Non-Utilities							
I. Selected Industries*	31.3.2000	15336.20	46.80	7675.66	5796.85	1816.89	0.00
	31.3.1999	13931.77	23.69	6799.08	5432.94	1676.06	0.00
	%increase	10.08	97.55	12.89	6.70	8.40	0.00
II. Railways	31.3.2000	0.00	0.00	0.00	0.00	0.00	0.00
	31.3.1999	159.42	0.00	18.96	140.46	0.00	0.00
	%increase	0.00	0.00	0.00	0.00	0.00	0.00
Total Non-Utilities (I & II)	31.3.2000	15336.20	46.80	7675.66	5796.85	1816.89	0.00
	31.3.1999	14091.19	23.69	6818.04	5573.40	1676.06	0.00
	%increase	8.84	97.55	12.58	4.01	8.40	0.00
All India Capacity (Utilities+ Non-Utilities)							
	31.3.2000	113220.67	23903.58	67531.54	7691.76	11413.79	2680.00
	31.3.1999	107384.74	22502.82	64772.52	7209.44	10674.96	2225.00
	%increase	5.43	6.22	4.26	6.69	6.92	20.45

* Industries having captive plant capacity of 1.00 MW and above.

TABLE NO.8
ALL INDIA INSTALLED GENERATING CAPACITY (UTILITIES ONLY)
OWNERSHIPWISE AND PRIMEMOVERWISE-AS ON 31.3.2000.

(IN MW)

S.NO.	Type of Primemover and Ownership	Installed Plant Capacity		
		Total (MW)	% of all India Total Capacity	% increase over previous year
I.	HYDRO			
	PUBLIC SECTOR			
a)	State Electricity Boards	12256.52	12.52	1.54
b)	Electricity Deptts./Govt. Undertakings/Corporations/ Central Govt. Sector	11123.26	11.36	11.99
c)	Municipalities	0.00	0.00	0.00
	Sub-Total Public Sector	23379.78	23.89	6.26
	PRIVATE SECTOR			
d)	Companies	477.00	0.49	0.00
	Total (Hydro)	23856.78	24.37	6.13
II.	STEAM			
	PUBLIC SECTOR			
a)	State Electricity Boards	26957.00	27.54	(-) 00.18
b)	Electricity Deptts./Govt. Undertakings/Corporations/ Central Govt. Sector	28727.50	29.35	5.78
c)	Municipalities	0.00	0.00	0.00
	Sub-total Public Sector	55684.50	56.89	2.81
	PRIVATE SECTOR			
d)	Companies	4171.38	4.26	10.02
	Total (Steam)	59855.88	61.15	3.28
III	DIESEL & WIND			
	PUBLIC SECTOR			
a)	State Electricity Boards	453.28	0.46	39.35
b)	Electricity Deptts./Govt. Undertakings/Corporations/ Central Govt. Sector	141.32	0.14	1.56
c)	Municipalities	0.00	0.00	0.09
	Sub-total Public Sector	594.60	0.61	28.09
	PRIVATE SECTOR			
d)	Companies	1300.31	1.33	10.98
	Total (Diesel & Wind)	1894.91	1.94	15.82

TABLE NO.8 (Contd.)
ALL INDIA INSTALLED GENERATING CAPACITY (UTILITIES ONLY)
OWNERSHIPWISE AND PRIMEMOVERWISE-AS ON 31.3.2000.

(IN MW)

S.NO.	Type of Primemover and Ownership	Installed Plant Capacity		
		Total (MW)	% of all India Total capacity	% increase over previous year
IV	GAS			
	Public Sector			
a)	State Electricity Boards	2125.00	2.17	0.00
b)	Electricity Deptts./Govt. Undertakings/Corporations/ Central Govt. Sector	4471.00	4.57	10.23
c)	Municipalities	0.00	0.00	0.00
	Sub-Total Public Sector	6596.00	6.74	6.71
	Private Sector			
d)	Companies	3000.90	3.07	6.49
	Total (Gas)	9596.90	9.80	6.65
V	NUCLEAR			
	Public Sector			
a)	State Electricity Boards	0.00	0.00	0.00
b)	Electricity Deptts./Govt. Undertakings/Corporations/ Central Govt. Sector	2680.00	2.74	20.45
c)	Municipalities	0.00	0.00	0.00
	Sub-Total Public Sector	2680.00	2.74	20.45
	Private Sector			
d)	Companies	0.00	0.00	0.00
	Total (Nuclear)	2680.00	2.74	20.45
VI	GRAND TOTAL (I+II+III+IV+V)			
	Public Sector			
a)	State Electricity Boards	41791.80	42.70	0.64
b)	Electricity Deptts./Govt. Undertakings/Corporations/ Central Govt. Sector	47143.08	48.16	8.35
c)	Municipalities	0.00	0.00	0.00
	Sub-Total Public Sector	88934.88	90.86	4.59
	Private Sector			
d)	Companies	8949.59	9.14	8.38
	Total(All India)	97884.47	100.00	4.92

TABLE NO.9
INSTALLED GENERATING CAPACITY (UTILITIES ONLY)
OWNERSHIPWISE / STATEWISE AS ON 31ST MARCH 2000

(IN MW)

Region	State/U.Ts.	TOTAL CAPACITY		
		31.3.2000	31.3.1999	% increase
NORTHERN REGION	Haryana	1780.32	1780.32	0.00
	Himachal Pradesh	301.30	299.30	0.67
	Jammu & Kashmir	409.13	374.13	9.36
	Punjab	3928.94	3928.94	0.00
	Rajasthan	2487.12	2235.12	11.27
	Uttar Pradesh	5612.75	6084.75	-7.76
	Chandigarh	2.00	2.00	0.00
	Delhi	617.00	653.60	-5.60
	Central Sector	11148.00	9977.00	11.74
	Sub-Total	26286.56	25335.16	3.76
WESTERN REGION	Gujarat	7223.39	6973.39	3.59
	Madhya Pradesh	4353.00	4093.85	6.33
	Maharashtra	12413.45	11589.11	7.11
	Goa	48.16	0.16	30000.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	6512.00	6012.00	8.32
	Sub-Total	30550.00	28668.51	6.56
SOUTHERN REGION	Andhra Pradesh	6254.88	6213.63	0.66
	Karnataka	4367.69	3973.11	9.93
	Kerala	2128.63	1815.63	17.24
	Tamil Nadu	6053.59	5988.25	1.09
	Lakshadweep	9.97	9.97	0.00
	Pondicherry	32.50	22.90	0.00
	Central Sector	5210.00	4870.60	6.97
	Sub-Total	24057.26	22894.09	5.08
EASTERN REGION	Bihar	1988.40	1988.40	0.00
	Orissa	1998.10	1698.10	17.67
	West Bengal	4363.29	4130.79	5.63
	D.V.C.	2871.50	2871.50	0.00
	A. & N. Islands	34.05	34.05	0.00
	Sikkim	37.90	37.90	0.00
	Central Sector	3970.00	3910.00	1.53
	Sub-Total	15263.24	14670.74	4.04
NORTH EASTERN REGION	Assam	621.69	621.69	0.00
	Manipur	12.61	12.61	0.00
	Meghalaya	188.76	188.76	0.00
	Nagaland	6.36	5.50	15.64
	Tripura	85.36	85.36	0.00
	Arunachal Pradesh	45.43	45.43	0.00
	Mizoram	37.20	35.70	4.20
	Central Sector	730.00	730.00	0.00
	Sub-Total	1727.41	1725.05	0.14
	Total (All India)	97884.47	93293.55	4.92

TABLE NO.10
INSTALLED GENERATING CAPACITY (UTILITIES ONLY)
OWNERSHIPWISE / STATEWISE AS ON 31ST MARCH 2000

(IN MW)

Region	State/U.Ts.	PUBLIC SECTOR STATE ELECTRICITY BOARDS		
		31.3.2000	31.3.1999	% increase
NORTHERN REGION	Haryana	0.00	0.00	0.00
	Himachal Pradesh	301.30	299.30	0.67
	Jammu & Kashmir	409.13	374.13	.36
	Punjab	3928.94	3928.94	0.00
	Rajasthan	2485.12	2235.12	11.19
	Uttar Pradesh	5606.75	6078.75	-7.76
	Chandigarh	0.00	0.00	0.00
	Delhi	617.00	653.60	-5.60
	Central Sector	0.00	0.00	0.00
	Sub-Total	13348.24	13569.84	-1.63
WESTERN REGION	Gujarat	4567.48	4567.48	0.00
	Madhya Pradesh	4331.00	4076.00	6.26
	Maharashtra	8488.61	8488.61	0.00
	Goa	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
		Sub-Total	17387.09	17132.09	1.49
SOUTHERN REGION	Andhra Pradesh	0.00	0.00	0.00
	Karnataka	334.12	334.12	0.00
	Kerala	1981.63	1803.63	9.87
	Tamil Nadu	5114.50	5082.55	0.63
	Lakshadweep	0.00	0.00	0.00
	Pondicherry	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	7430.25	7220.30	2.91
EASTERN REGION	Bihar	1543.50	1543.50	0.00
	Orissa	0.00	0.00	0.00
	West Bengal	1296.77	1274.27	1.77
	D.V.C.	0.00	0.00	0.00
	A. & N. Islands	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
		Sub-Total	2840.27	2817.77	0.80
NORTH EASTERN REGION	Assam	597.19	597.19	0.00
	Manipur	0.00	0.00	0.00
	Meghalaya	188.76	188.76	0.00
	Nagaland	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	785.95	785.95	0.00
	Total (All India)	41791.80	41525.95	0.64

Contd.

TABLE NO.10 (Contd)
INSTALLED GENERATING CAPACITY (UTILITIES ONLY)
OWNERSHIPWISE / REGIONWISE / STATEWISE AS ON 31ST MARCH 2000

(IN MW)

Region	State/U.Ts.	ELECTRICITY DEPTTS/ GOVT. UNDERTAKINGS		
		31.3.2000	31.3.1999	% increase
NORTHERN REGION	Haryana	1780.32	1780.32	0.00
	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00
	Punjab	0.00	0.00	0.00
	Rajasthan	2.00	0.00	0.00
	Uttar Pradesh	6.00	6.00	0.00
	Chandigarh	2.00	2.00	0.00
	Delhi	0.00	0.00	0.00
	Central Sector	11148.00	9977.00	11.74
	Sub-Total	12938.32	11765.32	9.97
WESTERN REGION	Gujarat	16.30	16.30	0.00
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	835.00	61.00	1268.85
	Goa	0.16	0.16	0.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	6512.00	6012.00	8.32
	Sub-Total	7363.46	6089.46	20.92
SOUTHERN REGION	Andhra Pradesh	5726.49	5711.49	0.26
	Karnataka	3723.93	3473.93	7.20
	Kerala	0.00	0.00	0.00
	Tamil Nadu	0.00	0.00	0.00
	Lakshadweep	9.97	9.97	0.00
	Pondicherry	32.50	22.90	0.00
	Central Sector	5210.00	4870.60	6.97
	Sub-Total	14702.89	14088.89	4.36
EASTERN REGION	Bihar	444.90	444.90	0.00
	Orissa	1998.10	1698.10	17.67
	West Bengal	1865.00	1655.00	12.69
	D.V.C.	2871.50	2871.50	0.00
	A. & N. Islands	34.05	34.05	0.00
	Sikkim	37.90	37.90	0.00
	Central Sector	3970.00	3910.00	1.53
	Sub-Total	11221.45	10651.45	5.35
NORTH EASTERN REGION	Assam	0.00	0.00	0.00
	Manipur	12.61	12.61	0.00
	Meghalaya	0.00	0.00	0.00
	Nagaland	6.36	5.50	0.00
	Tripura	85.36	85.36	0.00
	Arunachal Pradesh	45.43	45.43	0.00
	Mizoram	37.20	35.70	4.20
	Central Sector	730.00	730.00	0.00
	Sub-Total	916.96	914.60	0.26
	Total (All India)	47143.08	43509.72	8.35

Contd.

TABLE NO.10 (Contd)
INSTALLED GENERATING CAPACITY (UTILITIES ONLY)
OWNERSHIPWISE / REGIONWISE / STATEWISE AS ON 31ST MARCH 2000
(IN MW)

Region	State/U.Ts.	PUBLIC SECTOR MUNICIPALITIES		
		31.3.2000	31.3.1999	% increase
NORTHERN REGION	Haryana	0.00	0.00	0.00
	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00
	Punjab	0.00	0.00	0.00
	Rajasthan	0.00	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00
WESTERN REGION	Gujarat	0.00	0.00	0.00
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	0.00	0.00	0.00
	Goa	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
		Sub-Total	0.00	0.00	0.00
SOUTHERN REGION	Andhra Pradesh	0.00	0.00	0.00
	Karnataka	0.00	0.00	0.00
	Kerala	0.00	0.00	0.00
	Tamil Nadu	0.00	0.00	0.00
	Lakshadweep	0.00	0.00	0.00
	Pondicherry	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00
EASTERN REGION	Bihar	0.00	0.00	0.00
	Orissa	0.00	0.00	0.00
	West Bengal	0.00	0.00	0.00
	D.V.C.	0.00	0.00	0.00
	A. & N. Islands	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00
NORTH EASTERN REGION	Assam	0.00	0.00	0.00
	Manipur	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00
	Total (All India)	0.00	0.00	0.00

Contd.

TABLE NO.10 (Contd)
INSTALLED GENERATING CAPACITY (UTILITIES ONLY)
OWNERSHIPWISE / REGIONWISE / STATEWISE AS ON 31ST MARCH 2000
(IN MW)

Region	State/U.Ts.	PRIVATE SECTOR		
		31.3.2000	31.3.1999	% increase
NORTHERN REGION	Haryana	0.00	0.00	0.00
	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00
	Punjab	0.00	0.00	0.00
	Rajasthan	0.00	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00
WESTERN REGION	Gujarat	2639.61	2389.61	10.46
	Madhya Pradesh	22.00	17.85	23.25
	Maharashtra	3089.84	3039.50	1.66
	Goa	48.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	5799.45	5446.96	6.47
SOUTHERN REGION	Andhra Pradesh	528.39	502.14	5.23
	Karnataka	309.64	165.06	87.59
	Kerala	147.00	12.00	1125.00
	Tamil Nadu	939.09	905.70	3.69
	Lakshadweep	0.00	0.00	0.00
	Pondicherry	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
Sub-Total	1924.12	1584.90	21.40	
EASTERN REGION	Bihar	0.00	0.00	0.00
	Orissa	0.00	0.00	0.00
	West Bengal	1201.52	1201.52	0.00
	D.V.C.	0.00	0.00	0.00
	A.& N. Islands	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
Sub-Total	1201.52	1201.52	0.00	
NORTH EASTERN REGION	Assam	24.50	24.50	0.00
	Manipur	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
Sub-Total	24.50	24.50	0.00	
Total (All India)		8949.59	8257.88	8.38

TABLE NO.11
INSTALLFD GENERATING CAPACITY (UTILITIES ONLY)/PRIMEMOVERWISE/
STATEWISE AS ON 31ST MARCH 2000.

(IN MW)

Region	State/U.Ts.	HYDRO		
		31.3.2000	31.3.1999	% increase
NORTHERN REGION	Haryana	883.90	883.90	0.00
	Himachal Pradesh	301.17	299.17	0.67
	Jammu & Kashmir	225.19	190.19	18.40
	Punjab	1798.94	1798.94	0.00
	Rajasthan	971.62	971.62	0.00
	Uttar Pradesh	1510.75	1510.75	0.00
	Chandigarh	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00
	Central Sector	2010.00	2010.00	0.00
	Sub-Total	7701.57	7664.57	0.48
WESTERN REGION	Gujarat	547.00	547.00	0.00
	Madhya Pradesh	892.91	847.91	5.31
	Maharashtra	2847.17	2073.17	37.33
	Goa	0.05	0.05	0.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
		Sub-Total	4287.13	3468.13	23.62
SOUTHERN REGION	Andhra Pradesh	2671.94	2656.94	0.56
	Karnataka	2685.55	2645.55	1.51
	Kerala	1757.00	1707.00	2.93
	Tamil Nadu	1995.15	1963.20	1.63
	Lakshadweep	0.00	0.00	0.00
	Pondicherry	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
		Sub-Total	9109.64	8972.69	1.53
EASTERN REGION	Bihar	174.90	174.90	0.00
	Orissa	1577.00	1277.00	23.49
	West Bengal	164.71	142.21	15.82
	D.V.C.	144.00	144.00	0.00
	A. & N. Islands	0.00	0.00	0.00
	Sikkim	32.90	32.90	0.00
	Central Sector	60.00	0.00	0.00
		Sub-Total	2153.51	1771.01	21.60
NORTH EASTERN REGION	Assam	2.00	2.00	0.00
	Manipur	3.20	3.20	0.00
	Meghalaya	186.71	186.71	0.00
	Nagaland	4.20	3.50	20.00
	Tripura	16.01	16.01	0.00
	Arunachal Pradesh	29.55	29.55	0.00
	Mizoram	8.26	6.76	22.19
	Central Sector	355.00	355.00	0.00
		Sub-Total	604.93	602.73	0.37
	Total (All India)	23856.78	22479.13	6.13

Contd.

TABLE NO.11 (Contd)

(IN MW)

Region	State/U.Ts.	S T E A M		
		31.3.2000	31.3.1999	% increase
NORTHERN REGION	Haryana	892.50	892.50	0.00
	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00
	Punjab	2130.00	2130.00	0.00
	Rajasthan	1475.00	1225.00	20.41
	Uttar Pradesh	4102.00	4574.00	-10.32
	Chandigarh	0.00	0.00	0.00
	Delhi	335.00	371.60	-9.85
	Central Sector	5840.00	5190.00	12.52
	Sub-Total	14774.50	14383.10	2.72
WESTERN REGION	Gujarat	4819.00	4569.00	5.47
	Madhya Pradesh	3437.50	3227.50	6.51
	Maharashtra	7655.00	7655.00	0.00
	Goa	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	4360.00	3860.00	12.95
	Sub-Total	20271.50	19311.50	4.97
SOUTHERN REGION	Andhra Pradesh	2952.50	2952.50	0.00
	Karnataka	1520.00	1180.00	28.81
	Kerala	0.00	0.00	0.00
	Tamil Nadu	2970.00	2970.00	0.00
	Lakshadweep	0.00	0.00	0.00
	Pondicherry	0.00	0.00	0.00
	Central Sector	4170.00	4170.00	0.00
	Sub-Total	11612.50	11272.50	3.02
EASTERN REGION	Bihar	1813.50	1813.50	0.00
	Orissa	420.00	420.00	0.00
	West Bengal	4086.38	3876.38	5.42
	D.V.C.	2637.50	2637.50	0.00
	A. & N. Islands	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00
	Central Sector	3910.00	3910.00	0.00
	Sub-Total	12867.38	12657.38	1.66
NORTH EASTERN REGION	Assam	330.00	330.00	0.00
	Manipur	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	330.00	330.00	0.00
	Total (All India)	59855.88	57954.48	3.28

Contd.

TABLE NO.11 (Contd)

(IN MW)

Region	State/U.Ts.	DIESEL		
		31.3.2000	31.3.1999	% increase
NORTHERN REGION	Haryana	3.92	3.92	0.00
	Himachal Pradesh	0.13	0.13	0.00
	Jammu & Kashmir	8.94	8.94	0.00
	Punjab	0.00	0.00	0.00
	Rajasthan	0.00	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Chandigarh	2.00	2.00	0.00
	Delhi	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	14.99	14.99	0.00
WESTERN REGION	Gujarat	17.48	17.48	0.00
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	0.00	0.00	0.00
	Goa	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	17.48	17.48	0.00
SOUTHERN REGION	Andhra Pradesh	0.00	0.00	0.00
	Karnataka	127.92	127.92	0.00
	Kerala	234.60	106.60	120.08
	Tamil Nadu	200.00	200.00	0.00
	Lakshadweep	9.97	9.97	0.00
	Pondicherry	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	572.49	444.49	28.80
EASTERN REGION	Bihar	0.00	0.00	0.00
	Orissa	0.00	0.00	0.00
	West Bengal	12.20	12.20	0.00
	D.V.C.	0.00	0.00	0.00
	A. & N. Islands	34.05	34.05	0.00
	Sikkim	5.00	5.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	51.25	51.25	0.00
NORTH EASTERN REGION	Assam	20.69	20.69	0.00
	Manipur	9.41	9.41	0.00
	Meghalaya	2.05	2.05	0.00
	Nagaland	2.00	2.00	0.00
	Tripura	4.85	4.85	0.00
	Arunachal Pradesh	15.88	15.88	0.00
	Mizoram	28.94	28.94	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	83.82	83.82	0.00
	Total (All India)	740.03	612.03	20.91

Contd..

TABLE NO.11 (Contd)

(IN MW)

Region	State/U.Ts.	G A S		
		31.3.2000	31.3.1999	% increase
NORTHERN REGION	Haryana	0.00	0.00	0.00
	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	175.00	175.00	0.00
	Punjab	0.00	0.00	0.00
	Rajasthan	38.50	38.50	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00
	Delhi	282.00	282.00	0.00
	Central Sector	2168.00	1882.00	15.20
	Sub-Total	2663.50	2377.50	12.03
WESTERN REGION	Gujarat	1673.00	1673.00	0.00
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	1832.00	1832.00	0.00
	Goa	48.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	1292.00	1292.00	0.00
	Sub-Total	4845.00	4797.00	1.00
SOUTHERN REGION	Andhra Pradesh	542.40	542.40	0.00
	Karnataka	0.00	0.00	0.00
	Kerala	135.00	0.00	0.00
	Tamil Nadu	130.00	130.00	0.00
	Lakshadweep	0.00	0.00	0.00
	Pondicherry	32.50	22.90	0.00
	Central Sector	350.00	230.60	0.00
	Sub-Total	1189.90	925.90	28.51
EASTERN REGION	Bihar	0.00	0.00	0.00
	Orissa	0.00	0.00	0.00
	West Bengal	100.00	100.00	0.00
	D V C	90.00	90.00	0.00
	A & N Islands	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	190.00	190.00	0.00
NORTH EASTERN REGION	Assam	269.00	269.00	0.00
	Manipur	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00
	Tripura	64.50	64.50	0.00
	Arunachal Pradesh	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00
	Central Sector	375.00	375.00	0.00
	Sub-Total	708.50	708.50	0.00
	Total (All India)	9596.90	8998.90	6.65

Contd.

TABLE NO.11 (Contd)

(IN MW)

Region	State/U.Ts.	NUCLEAR		
		31.3.2000	31.3.1999	% increase
NORTHERN REGION	Haryana	0.00	0.00	0.00
	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00
	Punjab	0.00	0.00	0.00
	Rajasthan	0.00	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00
	Central Sector	1130.00	895.00	26.26
	Sub-Total	1130.00	895.00	26.26
WESTERN REGION	Gujarat	0.00	0.00	0.00
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	0.00	0.00	0.00
	Goa	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	860.00	860.00	0.00
	Sub-Total	860.00	860.00	0.00
SOUTHERN REGION	Andhra Pradesh	0.00	0.00	0.00
	Karnataka	0.00	0.00	0.00
	Kerala	0.00	0.00	0.00
	Tamil Nadu	0.00	0.00	0.00
	Lakshadweep	0.00	0.00	0.00
	Pondicherry	0.00	0.00	0.00
	Central Sector	690.00	470.00	46.81
Sub-Total	690.00	470.00	46.81	
EASTERN REGION	Bihar	0.00	0.00	0.00
	Orissa	0.00	0.00	0.00
	West Bengal	0.00	0.00	0.00
	D.V.C.	0.00	0.00	0.00
	A. & N. Islands	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
Sub-Total	0.00	0.00	0.00	
NORTH EASTERN REGION	Assam	0.00	0.00	0.00
	Manipur	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
Sub-Total	0.00	0.00	0.00	
	Total (All India)	2680.00	2225.00	20.45

TABLE NO.12
INSTALLED GENERATING CAPACITY OF STATE ELECTRICITY BOARDS
PRIMEMOVERWISE AS ON 31ST MARCH, 2000.

(IN MW)

		HYDRO		
Region	BOARDS	31.3.2000	31.3.1999	% increase
NORTHERN REGION	Himachal Pradesh	301.17	299.17	0.67
	Jammu & Kashmir	225.19	190.19	18.40
	Punjab	1798.94	1798.94	0.00
	Rajasthan	971.62	971.62	0.00
	UttarPradesh	1504.75	1504.75	0.00
	Delhi	0.00	0.00	
	Sub-Total	4801.67	4764.67	0.78
WESTERN REGION	Gujarat	547.00	547.00	0.00
	Madhya Pradesh	892.91	847.91	5.31
	Maharashtra	1565.17	1565.17	0.00
	Sub-Total	3005.08	2960.08	1.52
SOUTHERN REGION	Karnataka	206.20	206.20	0.00
	Kerala	1745.00	1695.00	2.95
	Tamil Nadu	1995.15	1963.20	1.63
	Sub-Total	3946.35	3864.40	2.12
EASTERN REGION	Bihar	150.00	150.00	0.00
	West Bengal	164.71	142.21	15.82
	Sub-Total	314.71	292.21	7.70
NORTH EASTERN REGION	Assam	2.00	2.00	0.00
	Meghalaya	186.71	186.71	0.00
	Sub-Total	188.71	188.71	0.00
	Total (All Boards)	12256.52	12070.07	1.54

Contd..

**TABLE NO.12 (Contd.)
INSTALLED GENERATING CAPACITY OF STATE ELECTRICITY BOARDS
PRIMEMOVERWISE AS ON 31ST MARCH, 2000.**

(IN MW)

		S T E A M		
REGION	BOARDS	31.3.2000	31.3.1999	% increase
NORTHERN REGION	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00
	Punjab	2130.00	2130.00	0.00
	Rajasthan	1475.00	1225.00	20.41
	Uttar Pradesh	4102.00	4574.00	-10.32
	Delhi	335.00	371.60	-9.85
	Sub-Total	8042.00	8300.60	-3.12
WESTERN REGION	Gujarat	3759.00	3759.00	0.00
	Madhya Pradesh	3437.50	3227.50	6.51
	Maharashtra	6005.00	6005.00	0.00
	Sub-Total	13201.50	12991.50	1.62
SOUTHERN REGION	Karnataka	0.00	0.00	0.00
	Kerala	0.00	0.00	0.00
	Tamil Nadu	2970.00	2970.00	0.00
	Sub-Total	2970.00	2970.00	0.00
EASTERN REGION	Bihar	1393.50	1393.50	0.00
	West Bengal	1020.00	1020.00	0.00
	Sub-Total	2413.50	2413.50	0.00
NORTH EASTERN REGION	Assam	330.00	330.00	0.00
	Meghalaya	0.00	0.00	0.00
	Sub-Total	330.00	330.00	0.00
	Total (All Boards)	26957.00	27005.60	-0.18

Contd..

TABLE NO.12 (Contd.)
INSTALLED GENERATING CAPACITY OF STATE ELECTRICITY BOARDS
PRIME-MOVERWISE AS ON 31ST MARCH, 2000.
(IN MW)

		D I E S E L		
REGION	BOARDS	31.3.2000	31.3.1999	% increase
NORTHERN REGION	Himachal Pradesh	0.13	0.13	0.00
	Jammu & Kashmir	8.94	8.94	0.00
	Punjab	0.00	0.00	0.00
	Rajasthan	0.00	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00
	Sub-Total	9.07	9.07	0.00
WESTERN REGION	Gujarat	17.28	17.28	0.00
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	0.00	0.00	0.00
	Sub-Total	17.28	17.28	0.00
SOUTHERN REGION	Karnataka	127.92	127.92	0.00
	Kerala	234.60	106.60	120.08
	Tamil Nadu	0.00	0.00	0.00
	Sub-Total	362.52	234.52	54.58
EASTERN REGION	Bihar	0.00	0.00	0.00
	West Bengal	12.06	12.06	0.00
	Sub-Total	12.06	12.06	0.00
NORTH EASTERN REGION	Assam	20.69	20.69	0.00
	Meghalaya	2.05	2.05	0.00
	Sub-Total	22.74	22.74	0.00
	Total (All India)	423.67	295.67	43.29

Contd.

**TABLE NO.12 (Contd.)
 INSTALLED GENERATING CAPACITY OF STATE ELECTRICITY BOARDS
 RIMEMOVERWISE AS ON 31ST MARCH, 2000.**

(IN MW)

		WIND		
REGION	BOARDS	31.3.2000	31.3.1999	% increase
NORTHERN REGION	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00
	Punjab	0.00	0.00	0.00
	Rajasthan	0.00	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00
WESTERN REGION	Gujarat	1.20	1.20	0.00
	Madhya Pradesh	0.59	0.59	0.00
	Maharashtra	6.44	6.44	0.00
	Sub-Total	8.23	8.23	0.00
SOUTHERN REGION	Karnataka	0.00	0.00	0.00
	Kerala	2.03	2.03	0.00
	Tamil Nadu	19.35	19.35	0.00
	Sub-Total	21.38	21.38	0.00
EASTERN	Bihar	0.00	0.00	0.00
	West Bengal	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00
NORTH EASTERN REGION	Assam	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00
	Total (All India)	29.61	29.61	0.00

Contd.

TABLE NO.12 (Contd.)
INSTALLED GENERATING CAPACITY OF STATE ELECTRICITY BOARDS
PRIMEMOVERWISE AS ON 31ST MARCH, 2000.

(IN MW)

REGION	BOARDS	G A S		
		31.3.2000	31.3.1999	% increase
NORTHERN REGION	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	175.00	175.00	0.00
	Punjab	0.00	0.00	0.00
	Rajasthan	38.50	38.50	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Delhi	282.00	282.00	0.00
	Sub-Total	495.50	495.50	0.00
WESTERN REGION	Gujarat	243.00	243.00	0.00
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	912.00	912.00	0.00
	Sub-Total	1155.00	1155.00	0.00
SOUTHERN REGION	Karnataka	0.00	0.00	0.00
	Kerala	0.00	0.00	0.00
	Tamil Nadu	130.00	130.00	0.00
	Sub-Total	130.00	130.00	0.00
EASTERN REGION	Bihar	0.00	0.00	0.00
	West Bengal	100.00	100.00	0.00
	Sub-Total	100.00	100.00	0.00
NORTH EASTERN REGION	Assam	244.50	244.50	0.00
	Meghalaya	0.00	0.00	0.00
	Sub-Total	244.50	244.50	0.00
	Total (All Boards)	2125.00	2125.00	0.00

Contd.

**TABLE NO.12 (Contd.)
INSTALLED GENERATING CAPACITY OF STATE ELECTRICITY BOARDS
RIMEMOVERWISE AS ON 31ST MARCH, 2000.**

(IN MW)

		TOTAL		
REGION	BOARDS	31.3.2000	31.3.1999	% increase
NORTHERN REGION	Himachal Pradesh	301.30	299.30	0.67
	Jammu & Kashmir	409.13	374.13	9.36
	Punjab	3928.94	3928.94	0.00
	Rajasthan	2485.12	2235.12	11.19
	Uttar Pradesh	5606.75	6078.75	-7.76
	Delhi	617.00	653.60	-5.60
	Sub-Total	13348.24	13569.84	-1.63
WESTERN REGION	Gujarat	4567.48	4567.48	0.00
	Madhya Pradesh	4331.00	4076.00	6.26
	Maharashtra	8488.61	8488.61	0.00
	Sub-Total	17387.09	17132.09	1.49
SOUTHERN REGION	Karnataka	334.12	334.12	0.00
	Kerala	1981.63	1803.63	9.87
	Tamil Nadu	5114.50	5082.55	0.63
	Sub-Total	7430.25	7220.30	2.91
EASTERN REGION	Bihar	1543.50	1543.50	0.00
	West Bengal	1296.77	1274.27	1.77
	Sub-Total	2840.27	2817.77	0.80
NORTH EASTERN REGION	Assam	597.19	597.19	0.00
	Meghalaya	188.76	188.76	0.00
	Sub-Total	785.95	785.95	0.00
	Total (All Boards)	41791.80	41525.95	0.64

TABLE NO.13
**INSTALLED GENERATING CAPACITY OF ELECTRICITY DEPARTMENTS/
GOVT. UNDERTAKINGS/MUNICIPALITIES AND PRIVATE SECTOR**
PRIMEMOVERWISE/REGIONWISE AS 31.3.2000

REGION	OWNERSHIP	(IN MW)			
		31.3.2000	31.3.1999	% increase	
	ELECTRICITY DEPARTMENTS/ GOVERNMENT UNDERTAKINGS/ CORPORATIONS/ CENTRAL SECTOR				
NORTHERN REGION	Haryana	1780.32	1780.32	0.00	
	Rajasthan	2.00	0.00	0.00	
	Uttar Pradesh	6.00	6.00	0.00	
	Chandigarh	2.00	2.00	0.00	
	Central Sector	11148.00	9977.00	11.74	
WESTERN REGION	Gujarat	16.30	16.30	0.00	
	Maharashtra	835.00	61.00	1268.85	
	Goa	0.16	0.16	0.00	
	Central Sector	6512.00	6012.00	8.32	
SOUTHERN REGION	Andhra Pradesh	5726.49	5711.49	0.26	
	Karnataka	3723.93	3473.93	7.20	
	Lakshadweep	9.97	9.97	0.00	
	Pondicherry	32.50	22.90	0.00	
	Central Sector	5210.00	4870.60	6.97	
EASTERN REGION	Bihar	444.90	444.90	0.00	
	Orissa	1998.10	1698.10	17.67	
	West Bengal	1865.00	1655.00	0.00	
	Sikkim	37.90	37.90	0.00	
	D.V.C.	2871.50	2871.50	0.00	
	A. & N. Islands	34.05	34.05	0.00	
	Central Sector	3970.00	3910.00	1.53	
NORTH EASTERN REGION	Manipur	12.61	12.61	0.00	
	Nagaland	6.36	5.50	15.64	
	Tripura	85.36	85.36	0.00	
	Arunachal Pradesh	45.43	45.43	0.00	
	Mizoram	37.20	35.70	4.20	
	Central Sector	730.00	730.00	0.00	
	Total(I)	47143.08	43509.72	8.35	
II NORTHERN REGION	MUNICIPALITIES				
	Delhi	0.00	0.00	0.00	
	Total(II)	0.00	0.00	0.00	
III WESTERN REGION	PRIVATE LICENSEES				
	Gujarat	2639.61	2389.61	10.46	
	Madhya Pradesh	22.00	17.85	23.25	
	Maharashtra	3089.84	3039.50	1.66	
	Goa	48.00	0.00	0.00	
	SOUTHERN REGION	Andhra Pradesh	528.39	502.14	5.23
		Karnataka	309.64	165.06	87.59
		Kerala	147.00	12.00	1125.00
		Tamil Nadu	939.09	905.70	3.69
	EASTERN REGION	Orissa	0.00	0.00	0.00
West Bengal		1201.52	1201.52	0.00	
NORTH - EASTERN REGION	Assam	24.50	24.50	0.00	
	Total (III)	8949.59	8257.88	8.38	

**TABLE NO.13 (Contd.)
INSTALLED GENERATING CAPACITY OF ELECTRICITY DEPARTMENTS/
GOVT. UNDERTAKINGS/MUNICIPALITIES AND PRIVATE SECTOR
PRIMEMOVERWISE/REGIONWISE AS 31.3.2000**

REGION	OWNERSHIP	H Y D R O ,		
		31.3.2000	31.3.1999	(IN MW) % increase
	ELECTRICITY DEPARTMENTS/ GOVERNMENT UNDERTAKINGS/ CORPORATIONS/ CENTRAL SECTOR			
NORTHERN REGION	Haryana	883.90	883.90	0.00
	Rajasthan	0.00	0.00	0.00
	Uttar Pradesh	6.00	6.00	0.00
	Chandigarh	0.00	0.00	0.00
	Central Sector	2010.00	2010.00	0.00
WESTERN REGION	Gujarat	0.00	0.00	0.00
	Maharashtra	835.00	61.00	1268.85
	Goa	0.05	0.05	0.00
	Central Sector	0.00	0.00	0.00
SOUTHERN REGION	Andhra Pradesh	2671.94	2656.94	0.56
	Karnataka	2461.35	2421.35	1.65
	Lakshadweep	0.00	0.00	0.00
	Pandichery	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
EASTERN REGION	Bihar	24.90	24.90	0.00
	Orissa	1577.00	1277.00	23.49
	West Bengal	0.00	0.00	0.00
	Sikkim	32.90	32.90	0.00
	D.V.C.	144.00	144.00	0.00
	A. & N. Islands	0.00	0.00	0.00
	Central Sector	60.00	0.00	0.00
NORTH EASTERN REGION	Manipur	3.20	3.20	0.00
	Nagaland	4.20	3.50	20.00
	Tripura	16.01	16.01	0.00
	Arunachal Pradesh	29.55	29.55	0.00
	Mizoram	8.26	6.76	22.19
	Central Sector	355.00	355.00	0.00
	Total(I)	11123.26	9932.06	11.99
II. NORTHERN REGION	MUNICIPALITIES			
	Delhi	0.00	0.00	0.00
	Total(II)	0.00	0.00	0.00
III. WESTERN REGION	PRIVATE LICENSEES			
	Gujarat	0.00	0.00	0.00
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	447.00	447.00	0.00
	Goa	0.00	0.00	0.00
SOUTHERN REGION	Andhra Pradesh	0.00	0.00	0.00
	Karnataka	18.00	18.00	0.00
	Kerala	12.00	12.00	0.00
	Tamil Nadu	0.00	0.00	0.00
EASTERN REGION	Orissa	0.00	0.00	0.00
	West Bengal	0.00	0.00	0.00
NORTH - EASTERN REGION	Assam	0.00	0.00	0.00
	Total (III)	477.00	477.00	0.00

TABLE NO.13 (Contd.)
**INSTALLED GENERATING CAPACITY OF ELECTRICITY DEPARTMENTS/
GOVT. UNDERTAKINGS/MUNICIPALITIES AND PRIVATE SECTOR**
PRIMEOVERWISE/REGIONWISE AS 31.3.2000

REGION	OWNERSHIP	S T E A M		
		31.3.2000	31.3.1999	% increase
	ELECTRICITY DEPARTMENTS/ GOVERNMENT UNDERTAKINGS/ CORPORATIONS/ CENTRAL SECTOR			
NORTHERN REGION	Haryana	892.50	892.50	0.00
	Rajasthan	0.00	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00
	Central Sector	5840.00	5190.00	12.52
WESTERN REGION	Gujarat	0.00	0.00	0.00
	Maharashtra	0.00	0.00	0.00
	Goa	0.00	0.00	0.00
	Central Sector	4360.00	3860.00	12.95
SOUTHERN REGION	Andhra Pradesh	2952.50	2952.50	0.00
	Karnataka	1260.00	1050.00	20.00
	Lakshadweep	0.00	0.00	0.00
	Pandichery	0.00	0.00	0.00
	Central Sector	4170.00	4170.00	0.00
EASTERN REGION	Bihar	420.00	420.00	0.00
	Orissa	420.00	420.00	0.00
	West Bengal	1865.00	1655.00	12.69
	Sikkim	0.00	0.00	0.00
	D.V.C	2637.50	2637.50	0.00
	A & N Islands	0.00	0.00	0.00
	Central Sector	3910.00	3910.00	0.00
NORTH EASTERN REGION	Manipur	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Total(I)	28727.50	27157.50	5.78
II. NORTHERN REGION	MUNICIPALITIES			
	Delhi	0.00	0.00	0.00
	Total(II)	0.00	0.00	0.00
III	PRIVATE LICENSEES			
WESTERN REGION	Gujarat	1060.00	810.00	30.86
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	1650.00	1650.00	0.00
	Goa	0.00	0.00	0.00
SOUTHERN REGION	Andhra Pradesh	0.00	0.00	0.00
	Karnataka	260.00	130.00	0.00
	Kerala	0.00	0.00	0.00
	Tamil Nadu	0.00	0.00	0.00
EASTERN REGION	Orissa	0.00	0.00	0.00
	West Bengal	1201.38	1201.38	0.00
NORTH - EASTERN REGION	Assam	0.00	0.00	0.00
	Total (III)	4171.38	3791.38	10.02

TABLE NO.13 (Contd.)
**INSTALLED GENERATING CAPACITY OF ELECTRICITY DEPARTMENTS/
GOVT. UNDERTAKINGS/MUNICIPALITIES AND PRIVATE SECTOR**
PRIMEMOVERWISE/REGIONWISE AS 31.3.2000

REGION	OWNERSHIP	(IN MW)		
		31.3.2000	D I E S E L 31.3.1999	% increase
	ELECTRICITY DEPARTMENTS/ GOVERNMENT UNDERTAKINGS/ CORPORATIONS/ CENTRAL SECTOR			
NORTHERN REGION	Haryana	3.92	3.92	0.00
	Rajasthan	0.00	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Chandigarh	2.00	2.00	0.00
	Central Sector	0.00	0.00	0.00
WESTERN REGION	Gujarat	0.00	0.00	0.00
	Maharashtra	0.00	0.00	0.00
	Goa	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
SOUTHERN REGION	Andhra Pradesh	0.00	0.00	0.00
	Karnataka	0.00	0.00	0.00
	Lakshadweep	9.97	9.97	0.00
	Pandichery	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
EASTERN REGION	Bihar	0.00	0.00	0.00
	Orissa	0.00	0.00	0.00
	West Bengal	0.00	0.00	0.00
	Sikkim	5.00	5.00	0.00
	D.V.C	0.00	0.00	0.00
	A. & N. Islands	34.05	34.05	0.00
	Central Sector	0.00	0.00	0.00
NORTH EASTERN REGION	Manipur	9.41	9.41	0.00
	Nagaland	2.00	2.00	0.00
	Tripura	4.85	4.85	0.00
	Arunachal Pradesh	15.88	15.88	0.00
	Mizoram	28.94	28.94	0.00
	Central Sector	0.00	0.00	0.00
	Total(I)	116.02	116.02	0.00
II. NORTHERN REGION	MUNICIPALITIES			
	Delhi	0.00	0.00	0.00
	Total(II)	0.00	0.00	0.00
III. WESTERN REGION	PRIVATE LICENSEES			
	Gujarat	0.20	0.20	0.00
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	0.00	0.00	0.00
	Goa	0.00	0.00	0.00
SOUTHERN REGION	Andhra Pradesh	0.00	0.00	0.00
	Karnataka	0.00	0.00	0.00
	Kerala	0.00	0.00	0.00
	Tamil Nadu	200.00	200.00	0.00
EASTERN REGION	Orissa	0.00	0.00	0.00
	West Bengal	0.14	0.14	0.00
NORTH - EASTERN REGION	Assam	0.00	0.00	0.00
	Total (III)	200.34	200.34	0.00

TABLE NO.13 (Contd.)
**INSTALLED GENERATING CAPACITY OF ELECTRICITY DEPARTMENTS/
GOVT. UNDERTAKINGS/MUNICIPALITIES AND PRIVATE SECTOR**
PRIMEOVERWISE/REGIONWISE AS 31.3.2000

REGION	OWNERSHIP	(IN MW)		
		31.3.2000	31.3.1999	% increase
	ELECTRICITY DEPARTMENTS/ GOVERNMENT UNDERTAKINGS/ CORPORATIONS/ CENTRAL SECTOR			
NORTHERN REGION	Haryana	0.00	0.00	0.00
	Rajasthan	2.00	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
WESTERN REGION	Gujarat	16.30	16.30	0.00
	Maharashtra	0.00	0.00	0.00
	Goa	0.11	0.11	0.00
	Central Sector	0.00	0.00	0.00
SOUTHERN REGION	Andhra Pradesh	3.05	3.05	0.00
	Karnataka	2.58	2.58	0.00
	Lakshadweep	0.00	0.00	0.00
	Pandichery	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
EASTERN REGION	Bihar	0.00	0.00	0.00
	Orissa	1.10	1.10	0.00
	West Bengal	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00
	D.V.C.	0.00	0.00	0.00
	A. & N. Islands	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
NORTH EASTERN REGION	Manipur	0.00	0.00	0.00
	Nagaland	0.16	0.00	0.00
	Tripura	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Total(I)	25.30	23.14	9.33
II NORTHERN REGION	MUNICIPALITIES			
	Delhi	0.00	0.00	0.00
	Total(II)	0.00	0.00	0.00
III WESTERN REGION	PRIVATE LICENSEES			
	Gujarat	149.41	149.41	0.00
	Madhya Pradesh	22.00	17.85	23.25
	Maharashtra	72.84	22.50	223.73
	Goa	0.00	0.00	0.00
SOUTHERN REGION	Andhra Pradesh	84.99	58.74	44.69
	Karnataka	31.64	17.06	85.46
	Kerala	0.00	0.00	0.00
	Tamil Nadu	739.09	705.70	4.73
EASTERN REGION	Orissa	0.00	0.00	0.00
	West Bengal	0.00	0.00	0.00
NORTH - EASTERN REGION	Assam	0.00	0.00	0.00
	Total (III)	1099.97	971.26	13.25

TABLE NO.13 (Contd.)
**INSTALLED GENERATING CAPACITY OF ELECTRICITY DEPARTMENTS/
GOVT. UNDERTAKINGS/MUNICIPALITIES AND PRIVATE SECTOR**
PRIMEMOVERWISE/REGIONWISE AS 31.3.2000

		(IN MW)		
		G A S		
REGION	OWNERSHIP	31.3.2000	31.3.1999	% increase
ELECTRICITY DEPARTMENTS/ GOVERNMENT UNDERTAKINGS/ CORPORATIONS/ CENTRAL SECTOR				
NORTHERN REGION	Haryana	0.00	0.00	0.00
	Rajasthan	0.00	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00
	Central Sector	2168.00	1882.00	15.20
WESTERN REGION	Gujarat	0.00	0.00	0.00
	Maharashtra	0.00	0.00	0.00
	Goa	0.00	0.00	0.00
	Central Sector	1292.00	1292.00	0.00
SOUTHERN REGION	Andhra Pradesh	99.00	99.00	0.00
	Karnataka	0.00	0.00	0.00
	Lakshadweep	0.00	0.00	0.00
	Pandichery	32.50	22.90	0.00
	Central Sector	350.00	230.60	0.00
EASTERN REGION	Bihar	0.00	0.00	0.00
	Orissa	0.00	0.00	0.00
	West Bengal	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00
	D.V.C.	90.00	90.00	0.00
	A. & N. Islands	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
NORTH EASTERN REGION	Manipur	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00
	Tripura	64.50	64.50	0.00
	Arunachal Pradesh	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00
	Central Sector	375.00	375.00	0.00
	Total(I)	4471.00	4056.00	10.23
II. NORTHERN MUNICIPALITIES				
REGION	Delhi	0.00	0.00	0.00
	Total(II)	0.00	0.00	0.00
III. PRIVATE LICENSEES				
WESTERN REGION	Gujarat	1430.00	1430.00	0.00
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	920.00	920.00	0.00
	Goa	48.00	0.00	0.00
SOUTHERN REGION	Andhra Pradesh	443.40	443.40	0.00
	Karnataka	0.00	0.00	0.00
	Kerala	135.00	0.00	0.00
	Tamil Nadu	0.00	0.00	0.00
EASTERN REGION	Orissa	0.00	0.00	0.00
	West Bengal	0.00	0.00	0.00
NORTH - EASTERN REGION	Assam	24.50	24.50	0.00
	Total (III)	3000.90	2817.90	6.49

TABLE NO.13 (Contd.)
**INSTALLED GENERATING CAPACITY OF ELECTRICITY DEPARTMENTS/
 GOVT. UNDERTAKINGS/MUNICIPALITIES AND PRIVATE SECTOR**
PRIMEOVERWISE/REGIONWISE AS 31.3.2000

REGION	OWNERSHIP	(IN MW)		
		31.3.2000	31.3.1999	% increase
	ELECTRICITY DEPARTMENTS/ GOVERNMENT UNDERTAKINGS/ CORPORATIONS/ CENTRAL SECTOR			
NORTHERN REGION	Haryana	0.00	0.00	0.00
	Rajasthan	0.00	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00
	Central Sector	1130.00	895.00	26.26
WESTERN REGION	Gujarat	0.00	0.00	0.00
	Maharashtra	0.00	0.00	0.00
	Goa	0.00	0.00	0.00
	Central Sector	860.00	860.00	0.00
SOUTHERN REGION	Andhra Pradesh	0.00	0.00	0.00
	Karnataka	0.00	0.00	0.00
	Lakshadweep	0.00	0.00	0.00
	Pandichery	0.00	0.00	0.00
	Central Sector	690.00	470.00	46.81
EASTERN REGION	Bihar	0.00	0.00	0.00
	Orissa	0.00	0.00	0.00
	West Bengal	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00
	D V C	0.00	0.00	0.00
	A & N. Islands	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
NORTH EASTERN REGION	Manipur	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00
	Central Sector	3.00	0.00	0.00
	Total(I)	2680.00	2225.00	20.45
II NORTHERN REGION	MUNICIPALITIES			
	Delhi	0.00	0.00	0.00
	Total(II)	0.00	0.00	0.00
III WESTERN REGION	PRIVATE LICENSEES			
	Gujarat	0.00	0.00	0.00
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	0.00	0.00	0.00
	Goa			
SOUTHERN REGION	Andhra Pradesh	0.00	0.00	0.00
	Karnataka	0.00	0.00	0.00
	Kerala	0.00	0.00	0.00
	Tamil Nadu	0.00	0.00	0.00
EASTERN REGION	Orissa	0.00	0.00	0.00
	West Bengal	0.00	0.00	0.00
NORTH - EASTERN REGION	Assam	0.00	0.00	0.00
	Total (III)	0.00	0.00	0.00

TABLE NO.14
ADDITION IN GENERATING CAPACITY (UTILITIES ONLY)
DURING THE YEAR 1999-2000

S. No.	Installed at	State/UT/Ownership	Date of addition	No. of sets	Capacity of each set (MW)	Total Capacity added(MW)
A. HYDRO						
1	Upper Sind- II (Unit -I)	Jammu & Kashmir S.E.B.	05.01.00*	1	35.00	35.00
2	Rajghat (Unit -1,2& 3)	Madhya Pradesh S.E.B.	15.10.99 29.09.99 03.11.99	3	15.00	45.00
3	Dudhganga [Unit 1 & 2]	Maharashtra Govt.Deptt.	27.2.00 31.07.99*	2	12.00	24.00
4	Koyana st IV (Unit -1,2,&3)	Maharashtra Govt.Deptt.	28.03.00* 03.03.00 25.11.99	3	250.00	750.00
5	Singur (Unit -1&2)	Andhra Pradesh Govt.Deptt.	06.12..99 28.03.00*	2	7.50	15.00
6	Kalinadi-II Kodasalli (Unit -3)	Karnataka KPCL	28.08.99	1	40.00	40.00
7	Kakkad (Unit -1&2)	Kerala S.E.B.	23.07.99 22.07.99	2	25.00	50.00
8	Parson's Valley (Unit -1)	Tamil Nadu S.E.B.	06.03.00*	1	30.00	30.00
9	Upper Indravati (Unit -1&2)	Orissa O.H.P.C.	05.09.99 23.12.99	2	150.00	300.00
10	Teesta Canal Falls-II (Unit -7,8&9)	West Bengal S E B.	23.07.99 07.09.99 13.10.99	3	7.50	22.50
11	Rangit -III (Unit -1,2&3)	Sikkim N.H.P.C (Central Sector)	05.02.00 05.02.00 03.02.00	3	20.00	60.00
				23units		1371.50
B. STEAM & GAS						
1	Faridabad CCGT (Unit -1&2)	Haryana Central Sector (N.T.P.C.)	28.06.99** 18.10.99**	2	143.00	286.00
2	Suratgarh (Unit -2)	Rajasthan S.E.B.	28.03.00	1	250.00	250.00
3	Rajasthan APS (Unit -3)	Rajasthan Central Sector (N.P.C.)	10.03.00	1	220.00	220.00
4	Unchahar TPP (Unit -4)	Uttar Pradesh Central Sector (N.P.C.)	22.10.99	1	210.00	210.00

TABLE NO.14 (Contd.)

S. No.	Installed at	State/UT/ Ownership	Date of addition	No. of sets	Capacity of each set (MW)	Total Capacity added(MW)
5	Surat lignite TPP (Unit -1&2)	Gujarat GIPCL	16.01.00 6.11.99	2	125.00	250.00
6	Sanjay Gandhi ExtnTPP (Unit -4)	Madhya Pradesh S.E.B.	23.11.99	1	210.00	210.00
7	Vindhyachal STPS (Unit -8)	Madhya Pradesh Central sector (N.T.P.C)	26.02.00	1	500.00	500.00
8	Salgaocar CCGT (Unit -1)	Goa Reliance Salgaocar Power Co.Ltd	5.07.99**	1	48.00	48.00
9	Riachur TPS St-III (Unit-6)	Karnataka K.P.C.L.	22.7.99	1	210.00	210.00
10	Torangallu (Unit -2)	Karnataka Jindal Tratebel Power Co-Ltd.	16.05.99	1	130.00	130.00
11	Kaiga NPP (Unit -2)	Karnataka Central Sector (N.P.C.)	02.12.99	1	220.00	220.00
12	Cochin CCGT (Unit- 1,2 & 3)	Kerala B.S.E.S.	06.06.99** 02.08.99** 04.12.99**	3	45.00	135.00
13	Kozhikode DG Power (Units-1 to 8)	Kerala S.E.B.	01.09.99 11.09.99 18.09.99 23.09.99 30.09.99 11.10.99 25.10.99 06.11.99	8	16.00	128.00
14	Kayamkulam CCGT (Unit- 3 ST)	Kerala Central Sector (N.T.P.C.)	30.10.99**	1	119.40	119.40
15	Karaikal ST (Unit- 2)	Pondicherry PPCL	02.07.99**	1	9.60	9.60
16	Bakreswar TPP (Unit -1)	West Bengal WBPDCL	18.07.99	1	210.00	210.00
Total (Thermal+Nuclear)				27 units		3136.00
Total All India				50 units		4507.50

Note - Excludes Capacity addition in small power stations & wind stations.

*- Units rolled/rotated

DG- Diesel Set

CCGT Combined Cycle Gas Turbine

**- Gas Turbine Units

TABLE NO.15
ADDITION/DELETION OF PLANT CAPACITY PRIMEMOVERWISE/
REGIONWISE/STATEWISE DURING THE YEAR 1999-00

(IN MW).

REGION	Name of State/U.Ts.	Hydro	Steam	Diesel	Gas
NORTHERN REGION	Haryana	0.00	0.00	0.00	0.00
	Himachal Pradesh (A)	2.00	0.00	0.00	0.00
	Jammu & Kashmir	35.00	0.00	0.00	0.00
	Punjab	0.00	0.00	0.00	0.00
	Rajasthan	0.00	250.00	0.00	0.00
	Uttar Pradesh	0.00	(E) - 472.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00	0.00
	Delhi	0.00	(F) - 36.60	0.00	0.00
	Central Sector	0.00	(G) 650.00	0.00	286.00
	Sub-Total	37.00	391.40	0.00	286.00
WESTERN REGION	Gujarat	0.00	250.00	0.00	0.00
	Madhya Pradesh	45.00	210.00	0.00	0.00
	Maharashtra	774.00	0.00	0.00	0.00
	Goa	0.00	0.00	0.00	48.00
	D. & N. Haveli	0.00	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00	0.00
	Central Sector	0.00	500.00	0.00	0.00
	Sub-Total	819.00	960.00	0.00	48.00
SOUTHERN REGION	Andhra Pradesh	15.00	0.00	0.00	0.00
	Karnataka	40.00	340.00	0.00	0.00
	Kerala	50.00	0.00	128.00	135.00
	Tamil Nadu (B)	31.95	0.00	0.00	0.00
	Lakshadweep	0.00	0.00	0.00	0.00
	Pondicherry	0.00	0.00	0.00	9.60
	Central Sector	0.00	0.00	0.00	119.40
	Sub-Total	136.95	340.00	128.00	264.00
EASTERN REGION	Bihar	0.00	0.00	0.00	0.00
	Orissa	300.00	0.00	0.00	0.00
	West Bengal	22.50	210.00	0.00	0.00
	D.V.C.	0.00	0.00	0.00	0.00
	A & N Island	0.00	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00	0.00
	Central Sector	60.00	0.00	0.00	0.00
	Sub-Total	382.50	210.00	0.00	0.00
NORTH EASTERN REGION	Assam	0.00	0.00	0.00	0.00
	Manipur	0.00	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00	0.00
	Nagaland (C)	0.70	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00	0.00
	Mizoram (D)	1.50	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00	0.00
	Sub-Total	2.20	0.00	0.00	0.00
	Total (All India)	1377.65	1901.40	128.00	598.00

Contd.

TABLE NO.15 (Contd)
**ADDITION/DELETION OF PLANT CAPACITY PRIMEMOVERWISE/
REGIONWISE/STATEWISE DURING THE YEAR 1999-00**

(IN MW)

Region	Name of State/U. Ts.	Wind	Nuclear	Total
NORTHERN REGION	Haryana	0.00	0.00	0.00
	Himachal Pradesh	0.00	0.00	2.00
	Jammu & Kashmir	0.00	0.00	35.00
	Punjab	0.00	0.00	0.00
	Rajasthan	2.00	0.00	252.00
	Uttar Pradesh	0.00	0.00	-472.00
	Chandigarh	0.00	0.00	0.00
	Delhi	0.00	0.00	-36.60
	Central Sector	0.00	(H) 235.00	1171.00
	Sub-Total	2.00	235.00	951.40
WESTERN REGION	Gujarat	0.00	0.00	250.00
	Madhya Pradesh	4.15	0.00	259.15
	Maharashtra	50.34	0.00	824.34
	Goa	0.00	0.00	48.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	0.00	0.00	500.00
	Sub-Total	54.49	0.00	1881.49
SOUTHERN REGION	Andhra Pradesh	26.25	0.00	41.25
	Karnataka	14.58	0.00	394.58
	Kerala	0.00	0.00	313.00
	Tamil Nadu	33.39	0.00	65.34
	Lakshadweep	0.00	0.00	0.00
	Pondicherry	0.00	0.00	9.60
	Central Sector	0.00	220.00	339.40
	Sub-Total	74.22	220.00	1163.17
EASTERN REGION	Bihar	0.00	0.00	0.00
	Orissa	0.00	0.00	300.00
	West Bengal	0.00	0.00	232.50
	D V C.	0.00	0.00	0.00
	A & N. Islands	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00
	Central Sector	0.00	0.00	60.00
	Sub-Total	0.00	0.00	592.50
NORTH EASTERN REGION	Assam	0.00	0.00	0.00
	Manipur	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00
	Nagaland	(@)0.16	0.00	0.86
	Tripura	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00
	Mizoram	0.00	0.00	1.50
	Central Sector	0.00	0.00	0.00
	Sub-Total	0.16	0.00	2.36
	Total (All India)	130.87	455.00	4590.92

(@) - Biomass Gassifire

Contd.

**TABLE NO.15 (Contd.)
REGIONWISE/STATEWISE DURING THE YEAR 1999-00**

(MW)

	Total	Hydro	Steam	Diesel	Gas	Nuclear	Wind
Gross Addition	4644.52	1377.65	1970.00	128.00	598.00	440.00	130.87
Deletion/Retirement	-68.60	0.00	-68.60	0.00	0.00	0.00	0.00
Reporting Difference/ Re-rating	15.00	0.00	0.00	0.00	0.00	15.00	0.00
Net Addition	4590.92	1377.65	1901.40	128.00	598.00	455.00	130.87

Note:-

- (A) Addition of two units of 1.00 MW at Sal - 2 Power Station in H.P.
- (B) Addition of three units of 0.65 MW at Thirumurthy Power Station in Tamil Nadu.
- (C) Addition of two units of 0.35 MW at Tsutha Power Station in Nagaland.
- (D) Addition of one unit of 1.50 MW at Teirei Power Station in Mizoram.
- (E) Deletion of four units of 110.00 MW at Tanda Power Station (taken over by NTPC) & one unit of 32.00 MW at Panki Power Station in U.P.
- (F) Deletion of one unit of 36.60 MW at I.P. Station in Delhi Vidyut Board.
- (G) Addition of four units of 110.00 MW of Tanda Power Station & one unit of 210.00 MW at Unchahar Power Station in U.P.
- (H) Addition of one unit of 220 MW at Rajasthan APS & uprating of Narora Atomic Power Station from 220 MW to 235 MW in U.P.

TABLE NO.16
CLASSIFICATION OF GENERATING UNDERTAKINGS-CAPACITYWISE
AS ON 31-3-2000

Range of Installed Capacity (MW)	No of undertakings	Aggregate Installed Capacity MW	% to total Installed Capacity	Energy generated GWH	% to TOTAL generation
Upto 1.00	3	0.50	0.00	0.00	0.00
Over 1.00 & Upto 2.00	3	5.10	0.01	0.77	0.00
Over 2.00 & upto 5.00	0	0.00	0.00	0.00	0.00
Over 5.00 & upto 10.00	3	22.33	0.02	22.19	0.00
Over 10.00 & upto 15.00	2	24.61	0.03	31.62	0.01
Over 15.00 & upto 25.00	5	105.70	0.11	327.36	0.07
Over 25.00 & upto 50.00	8	313.10	0.32	639.02	0.13
Over 50.00 & upto 100.00	5	414.19	0.42	1351.00	0.28
Over 100.00 & upto 500.00	19	5750.87	5.88	25548.83	5.31
Over 500.00 & upto 1000.00	9	6267.70	6.40	21894.15	4.55
Over 1000.00 & upto 2000.00	8	12636.84	12.91	48872.31	10.16
Over 2000.00 & upto 3000.00	6	15176.10	15.50	72486.45	15.07
Over 3000.00	8	57167.43	58.40	309881.49	64.42
Total	79	97884.47	100.00	481055.19	100.00

TABLE NO.17
CLASSIFICATION OF POWER STATIONS - CAPACITYWISE AS ON 31.3.2000

Range of Installed Capacity		No. of Generating stations	Installed capacity group total(MW)	% of Total Capacity
HYDRO STATIONS				
	Upto 100 KW	25	1.54	0.01
Over	100 KW upto 1.00 MW	82	41.95	0.18
Over	1.00 MW upto 2.00 MW	36	61.58	0.26
Over	2.00 MW upto 5.00 MW	27	97.61	0.41
Over	5.00 MW upto 10.00 MW	22	170.40	0.71
Over	10.00 MW upto 15.00 MW	13	171.70	0.72
Over	15.00 MW upto 25.00 MW	18	351.95	1.48
Over	25.00 MW upto 50.00 MW	32	1184.35	4.96
Over	50.00 MW upto 100.00 MW	34	2541.95	10.66
Over	100.00 MW upto 500.00 MW	46	9872.75	41.38
Over	500.00 MW upto 1000.00 MW	10	7481.00	31.36
Over	1000.00 MW	1	1880.00	7.88
TOTAL		346	23856.78	100.00
STEAM STATIONS				
	Upto 5.00 MW	0	0.00	0.00
Over	5.00 MW upto 10.00 MW	2	18.38	0.03
Over	10.00 MW upto 15.00 MW	1	13.50	0.02
Over	15.00 MW upto 25.00 MW	2	38.00	0.06
Over	25.00 MW upto 50.00 MW	2	60.00	0.10
Over	50.00 MW upto 100.00 MW	3	185.00	0.31
Over	100.00 MW upto 500.00 MW	35	11437.00	19.11
Over	500.00 MW upto 1000.00 MW	20	15571.50	26.01
Over	1000.00 MW upto 2000.00 MW	16	21662.50	36.19
Over	2000.00 MW	5	10870.00	18.16
TOTAL		86	59855.88	100.00

Contd

TABLE NO.17 (Contd)

Range of Installed Capacity	Energy Generated by the group (GWH)	Generation % age of total	KWH/KW \$
HYDRO STATIONS			
Upto 100 KW	0.05	0.00	32.47
Over 100 KW upto 1.00 MW	14.94	0.02	348.58
Over 1.00 MW upto 2.00 MW	133.98	0.17	2387.38
Over 2.00 MW upto 5.00 MW	166.52	0.21	1771.30
Over 5.00 MW upto 10.00 MW	368.86	0.46	2139.56
Over 10.00 MW upto 15.00 MW	530.94	0.66	3388.26
Over 15.00 MW upto 25.00 MW	1007.58	1.25	2701.65
Over 25.00 MW upto 50.00 MW	3927.34	4.86	3833.98
Over 50.00 MW upto 100.00 MW	9385.95	11.62	3759.72
Over 100.00 MW upto 500.00 MW	31275.27	38.73	3514.96
Over 500.00 MW upto 1000.00 MW	31079.29	38.49	3867.51
Over 1000.00 MW	2864.75	3.55	2535.18
TOTAL	80755.47	100.00	3592.14
STEAM STATIONS			
Upto 5.00 MW	0.00	0.00	0.00
Over 5.00 MW upto 10.00 MW	24.29	0.01	1321.55
Over 10.00 MW upto 15.00 MW	0.00	0.00	0.00
Over 15.00 MW upto 25.00 MW	215.28	0.06	5665.26
Over 25.00 MW upto 50.00 MW	127.94	0.04	2132.33
Over 50.00 MW upto 100.00 MW	813.47	0.24	4397.14
Over 100.00 MW upto 500.00 MW	48053.75	14.40	4505.49
Over 500.00 MW upto 1000.00 MW	81796.60	24.52	5398.58
Over 1000.00 MW upto 2000.00 MW	131139.86	39.31	5649.54
Over 2000.00 MW	71446.05	21.42	8298.03
TOTAL	333617.24	100.00	5349.26

\$- Indicates the generation in Kwh during the year per kw of Installed Capacity at the end of the year.

TABLE NO.18
**CLASSIFICATION OF GENERATING SETS-PRIMEMOVERWISE/
CAPACITYWISE AS ON 31.3.2000**

Range of Installed Capacity of sets (MW)	HYDRO			STEAM		
	No. of sets	Installed Capacity (MW)	% to Total	No. of sets	Installed Capacity (MW)	% to Total
Upto 100 KW	106	7.90	0.03	0	0.00	0.00
Over 100 KW & Upto 1 MW	244	103.98	0.44	0	0.00	0.00
Over 1 MW & Upto 2 MW	68	114.90	0.48	5	8.38	0.01
Over 2 MW & Upto 5 MW	72	280.80	1.18	6	24.00	0.04
Over 5 MW & Upto 10 MW	96	772.70	3.24	4	37.50	0.06
Over 10 MW & Upto 20 MW	115	1755.75	7.36	1	15.00	0.03
Over 20 MW & Upto 30 MW	64	1677.25	7.03	18	540.00	0.90
Over 30 MW & Upto 50 MW	99	4119.50	17.27	26	1282.00	2.14
Over 50 MW & Upto 100 MW	85	6199.00	25.98	70	4899.00	8.18
Over 100 MW & Upto 200 MW	61	7825.00	32.80	97	13300.00	22.22
Above 200 MW	4	1000.00	4.19	156	39750.00	66.41
TOTAL	1014	23856.78	100.00	383	59855.88	100.00

Contd.

TABLE NO.18 (Contd.)
**CLASSIFICATION OF GENERATING SETS-PRIMEMOVERWISE/
CAPACITYWISE AS ON 31.3.2000**

Range of Installed Capacity of sets (MW)		G A S			N U C L E A R		
		No. of sets	Installed Capacity (MW)	% to Total	No. of sets	Installed Capacity (MW)	% to Total
Upto	1 MW	0	0.00	0.00	0	0.00	0.00
Over Upto	1 MW & 5 MW	19	68.50	0.71	0	0.00	0.00
Over Upto	5 MW & 10 MW	8	64.10	0.67	0	0.00	0.00
Over Upto	10 MW & 20 MW	16	277.50	2.89	0	0.00	0.00
Over Upto	20 MW & 30 MW	34	906.90	9.45	0	0.00	0.00
Over Upto	30 MW & 50 MW	27	1005.50	10.48	0	0.00	0.00
Over Upto	50 MW & 100 MW	14	920.40	9.59	0	0.00	0.00
Over Upto	100 MW & 200 MW	42	5109.00	53.24	0	0.00	0.00
Above	200 MW	5	1245.00	12.97	12	2680.00	100.00
TOTAL		165	9596.90	100.00	12	2680.00	100.00

Note:-Setwise classification of diesel & wind power houses not given due to non-availability of setwise details in certain cases. However, their total installed capacity is 740.03 MW & 1154.88 MW respectively.

SECTION III

Generation (Utilities)

SECTION III

GENERATION (UTILITIES)

The all India gross electricity generation by the Public Utilities was 481055.19 GWH during the year 1999-2000 as compared to 448544.06 GWH during 1998-99 thereby registering an increase of 7.25%.

Electricity generation from steam generating stations continued to form the major proportion of total electricity production. The relative percentage of generation from Steam, Hydro, Gas, Nuclear, Diesel and wind Power Stations were 69.35%, 16.79%, 10.20%, 2.75% and 0.91% respectively during the year 1999-2000.

There were 86 steam stations and 346 hydro stations existing in the country as on 31st March, 2000 generating 333617.24 GWH and 80755.47 GWH respectively. National Thermal Power Corporation complex is the biggest of all the systems registered the maximum electricity production of 124409.31 GWH during the year.

GENERATION (NON-UTILITIES)

Besides electricity generation by the Public Utilities, during the year under review captive plants of selected industries produced 55397.16 GWH comprising 34813.90 GWH from Steam, 98.36 GWH from Hydro, 10552.89 GWH from diesel/ wind and 9932.01 GWH from Gas turbine plants respectively.

TOTAL GENERATION (UTILITIES+NON-UTILITIES)

To sum up, total electricity production in the country including those from captive plants during the year 1999-2000 was 536452.35 GWH as compared to 496923.59 GWH during the year 1998-99 recording an increase of 7.95%.

Sector wise break up of Gross Generation (GWH) during 1999-2000 is given below:-

	Hydro	Steam	Gas	Diesel	Nuclear	Total
		& Wind				
Central Sector	9886.03	122603.90	24278.72	0.00	13249.12	170017.77
State Sector	69113.21	189940.34	8118.42	1468.75	0.00	268640.72
Private Sector	1756.23	21073.00	16680.00	2887.47	0.00	42396.70
All India	80755.47	333617.24	49077.14	4356.22	13249.12	481055.19

The tables in this Section depict the salient features of electricity generation in various sectors and by different types of primemovers, etc. under Utilities only.

TABLE NO.19
GROSS ENERGY GENERATION IN THE COUNTRY (UTILITIES & NON-UTILITIES)
PRIMEMOVERWISE DURING THE YEAR 1999-2000

Category	Year	Gross Energy Generation (GWH)					Gas	Nuclear
		Total	Hydro	Steam	Diesel & Wind			
Utilities								
	1999-2000	481055.19	80755.47	333617.24	4356.22	49077.14	13249.12	
	1998-1999	448544.06	82922.60	310013.57	2382.48	41302.53	11922.88	
	% increase	7.25	-2.61	7.61	82.84	18.82	11.12	
Non-Utilities								
I. Selected Industries*								
	1999-2000	55397.16	98.36	34813.90	10552.89	9932.01	0.00	
	1998-1999	48353.33	80.38	31198.19	8202.80	8871.96	0.00	
	% increase	14.57	22.37	11.59	28.65	11.95	0.00	
II. Railways								
	1999-2000	0.00						
	1998-1999	26.20	0.00	2.00	24.20	0.00	0.00	
	% increase	-100.00	0.00	0.00	0.00	0.00	0.00	
Total Non-Utilities (I & II)								
	1999-2000	55397.16	98.36	34813.90	10552.89	9932.01	0.00	
	1998-1999	48379.53	80.38	31200.19	8227.00	8871.96	0.00	
	% increase	14.51	22.37	11.58	28.27	11.95	0.00	
All India Gross Generation								
(Utilities + Non-Utilities)								
	1999-2000	536452.35	80853.83	368431.14	14909.11	59009.15	13249.12	
	1998-1999	496923.59	83002.98	341213.76	10609.48	50174.49	11922.88	
	% increase	7.95	-2.59	7.98	40.53	17.61	11.12	

* Industries having captive plant capacity of 1.00 MW and above

TABLE NO.20
ALL INDIA ELECTRICITY GENERATION (UTILITIES ONLY)
OWNERSHIPWISE AND PRIMEMOVERWISE DURING 1999-2000

Sl.No.	Type of primemover and Ownership	Generation (Gross) (GWH)	% to All India Total	% increase in generation over the previous year
I.	HYDRO			
	Public Sector:			
a)	State Electricity Boards	39801.58	8.27	-10.85
b)	Elec. Deptts./Govt. Undertakings/Corporations/ Central Sector	39197.66	8.15	6.41
c)	Municipalities	0.00	0.00	0.00
	Sub-Total	78999.24	16.42	-3.05
	Private Sector:			
d)	Companies	1756.23	0.37	21.94
	Total (Hydro)	80755.47	16.79	-2.61
II.	STEAM			
	Public Sector:			
a)	State Electricity Boards	145204.08	30.18	7.64
b)	Elec. Deptts./Govt. Undertakings/Corporations/ Central Sector	167340.16	34.79	6.41
c)	Municipalities	0.00	0.00	0.00
	Sub-Total	312544.24	64.97	6.98
	Private Sector:			
d)	Companies	21073.00	4.38	18.03
	Total (Steam)	333617.24	69.35	7.61
III.	DIESEL & WIND			
	Public Sector:			
a)	State Electricity Boards	1316.46	0.27	44.66
b)	Elec. Deptts./Govt. Undertakings/Corporations/ Central Sector	152.29	0.03	-8.02
c)	Municipalities	0.00	0.00	0.00
	Sub-Total	1468.75	0.31	36.55
	Private Sector:			
d)	Companies	2887.47	0.60	120.95
	Total(Diesel & Wind)	4356.22	0.91	82.84

Contd.

**TABLE NO.20 (Contd.)
ALL INDIA ELECTRICITY GENERATION (UTILITIES ONLY)
OWNERSHIPWISE AND PRIMEMOVERWISE DURING 1999-2000**

Sl.No.	Type of primemover and Ownership	Generation (Gross) (GWH)	% to All India Total	% increase in generation over the previous year
IV	G A S			
	Public Sector:			
a)	State Electricity Boards	7025.93	1.46	-13.17
b)	Elec. Deptts./Govt. Undertakings/Corporations/			
	Central Sector	25371.21	5.27	20.77
c)	Municipalities	0.00	0.00	0.00
	Sub-Total	32397.14	6.73	11.33
	Private Sector:			
d)	Companies	16680.00	3.47	36.69
	Total (Gas)	49077.14	10.20	18.82
V	NUCLEAR			
	Public Sector:			
a)	State Electricity Boards	0.00	0.00	0.00
b)	Elec. Deptts./Govt. Undertakings/Corporations/			
	Central Sector	13249.12	2.75	11.12
c)	Municipalities	0.00	0.00	0.00
	Sub-Total	13249.12	2.75	11.12
	Private Sector:			
d)	Companies	0.00	0.00	0.00
	Total (Nuclear)	13249.12	2.75	11.12
VI	GRAND TOTAL (I TO V)			
	Public Sector:			
a)	State Electricity Boards	193348.05	40.19	2.55
b)	Elec. Deptts./Govt. Undertakings/Corporations/			
	Central Sector	245310.44	50.99	7.97
c)	Municipalities	0.00	0.00	0.00
	Sub-Total	438658.49	91.19	5.51
	Private Sector:			
d)	Companies	42396.70	8.81	29.24
	Total All India	481055.19	100.00	7.25

TABLE NO.21
ALL INDIA GROSS ENERGY GENERATION (UTILITIES ONLY)
STATEWISE DURING 1999-2000

(GWH)

Region	State/U.Ts.	ENERGY GENERATION		
		1999-2000	1998-1999	% increase
NORTHERN REGION	Haryana	7968.81	8301.66	-4.01
	Himachal Pradesh	1201.35	1484.49	-19.07
	Jammu & Kashmir	608.00	713.32	-14.76
	Punjab	22562.73	20880.13	8.06
	Rajasthan	12638.50	11964.04	5.64
	Uttar Pradesh	23598.42	24937.58	-5.37
	Chandigarh	0.00	0.00	0.00
	Delhi	2289.34	1893.99	20.87
	Central Sector	68519.87	63336.05	8.18
	Sub-Total	139387.02	133511.26	4.40
WESTERN REGION	Gujarat	36400.57	34356.97	5.95
	Madhya Pradesh	21835.77	20562.14	6.19
	Maharashtra	62557.08	56639.10	10.45
	Goa	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	38313.83	37747.48	1.50
	Sub-Total	159107.25	149305.69	6.56
SOUTHERN REGION	Andhra Pradesh	33836.14	30804.98	9.84
	Karnataka	21141.25	17182.42	23.04
	Kerala	7649.69	7601.79	0.63
	Tamil Nadu	26155.44	23279.14	12.36
	Lakshadweep	19.39	18.84	2.92
	Pondicherry	132.00	2.44	0.00
	Central Sector	33562.75	31630.78	6.11
	Sub-Total	122496.66	110520.39	10.84
EASTERN REGION	Bihar	3623.13	4224.84	-14.24
	Orissa	7915.52	6358.21	24.49
	West Bengal	16649.97	15883.24	4.83
	D.V.C.	8138.20	7706.93	5.60
	A. & N. Islands	104.00	103.45	0.53
	Sikkim	52.40	54.43	-3.73
	Central Sector	18750.68	16305.20	15.00
	Sub-Total	55233.90	50636.30	9.08
NORTH EASTERN REGION	Assam	1026.58	1066.00	-3.70
	Manipur	0.86	0.81	6.17
	Meghalaya	676.66	555.80	21.75
	Nagaland	2.80	2.42	15.70
	Tripura	314.43	393.25	-20.04
	Arunachal Pradesh	62.11	66.28	-6.29
	Mizoram	14.48	17.53	-17.40
	Central Sector	2732.44	2468.33	10.70
	Sub-Total	4830.36	4570.42	5.69
	Total (All India)	481055.19	448544.06	7.25

NOTE: Generation of jointly owned projects have been shown divided between the partner States as per their theoretical shares.

TABLE NO.22
GROSS ENERGY GENERATION (UTILITIES ONLY) OWNERSHIPWISE,
REGIONWISE/STATEWISE DURING 1999-2000

(GWH)

		PUBLIC SECTOR		
		STATE ELECTRICITY BOARDS		
Region	State/U. Ts.	1999-2000	1998-1999	% increase
NORTHERN REGION	Haryana	0.00	0.00	0.00
	Himachal Pradesh	1201.35	1484.49	-19.07
	Jammu & Kashmir	608.00	713.32	-14.76
	Punjab	22562.73	20880.13	8.06
	Rajasthan	12637.73	11964.04	5.63
	Uttar Pradesh	23598.42	24937.58	-5.37
	Chandigarh	0.00	0.00	0.00
	Delhi	2289.34	1893.99	20.87
	Central Sector	0.00	0.00	0.00
		Sub-Total	62897.57	61873.55	1.66
WESTERN REGION	Gujarat	23177.70	23144.30	0.14
	Madhya Pradesh	21812.32	20551.63	6.13
	Maharashtra	45286.63	44363.24	2.08
	Goa	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
		Sub-Total	90276.65	88059.17	2.52
SOUTHERN REGION	Andhra Pradesh	0.00	0.00	0.00
	Karnataka	1096.00	1089.00	0.64
	Kerala	7613.93	7557.67	0.74
	Tamil Nadu	23549.59	22141.64	6.36
	Lakshadweep	0.00	0.00	0.00
	Pondicherry	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
		Sub-Total	32259.52	30788.31	4.78
EASTERN REGION	Bihar	2423.13	2707.84	-10.51
	Orissa	0.00	0.00	0.00
	West Bengal	3947.54	3635.29	8.59
	D.V.C.	0.00	0.00	0.00
	A & N. Islands	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
		Sub-Total	6370.67	6343.13	0.43
NORTH EASTERN REGION	Assam	866.98	925.67	-6.34
	Manipur	0.00	0.00	0.00
	Meghalaya	676.66	555.80	21.75
	Nagaland	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	1543.64	1481.47	4.20
	Total (All India)	193348.05	188545.63	2.55

Contd.

TABLE NO.22 (Contd)

(GWH)

		PUBLIC SECTOR		
		Elec. Deptts./Govt. Undertakings/ Corporations/Central Sector		
Region	State/U. Ts.	1999-2000	1998-1999	% increase
NORTHERN REGION	Haryana	7968.81	8301.66	0.00
	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00
	Punjab	0.00	0.00	0.00
	Rajasthan	0.77	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00
	Central Sector	68519.87	63336.05	8.18
	Sub-Total	76489.45	71637.71	6.77
WESTERN REGION	Gujarat	1.41	8.10	-82.59
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	359.66	7.20	4895.28
	Goa	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	38313.83	37747.48	1.50
		Sub-Total	38674.90	37762.78	2.42
SOUTHERN REGION	Andhra Pradesh	30518.80	27896.02	9.40
	Karnataka	19540.37	15969.66	22.36
	Kerala	0.00	0.00	0.00
	Tamil Nadu	0.00	0.00	0.00
	Lakshadweep	19.39	18.84	2.92
	Pondicherry	132.00	2.44	0.00
	Central Sector	33562.75	31630.78	6.11
		Sub-Total	83773.31	75517.74	10.93
EASTERN REGION	Bihar	1200.00	1517.00	-20.90
	Orissa	7915.52	6358.21	24.49
	West Bengal	7084.86	7282.57	-2.71
	D.V.C.	8138.20	7706.93	5.60
	A. & N. Islands	104.00	103.45	0.53
	Sikkim	52.40	54.43	-3.73
	Central Sector	18750.68	16305.20	15.00
		Sub-Total	43245.66	39327.79	9.96
NORTH EASTERN REGION	Assam	0.00	0.00	0.00
	Manipur	0.86	0.81	6.17
	Meghalaya	0.00	0.00	0.00
	Nagaland	2.80	2.42	15.70
	Tripura	314.43	393.25	-20.04
	Arunachal Pradesh	62.11	66.28	-6.29
	Mizoram	14.48	17.53	-17.40
	Central Sector	2732.44	2468.33	10.70
		Sub-Total	3127.12	2948.62	6.05
	Total (All India)	245310.44	227194.64	7.97

Contd.

TABLE NO.22 (Contd)

(GWH)

		PUBLIC SECTOR		
		MUNICIPALITIES		
Region	State/U.Ts.	1999-2000	1998-1999	% increase
NORTHERN REGION	Haryana	0.00	0.00	0.00
	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00
	Punjab	0.00	0.00	0.00
	Rajasthan	0.00	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00
WESTERN REGION	Gujarat	0.00	0.00	0.00
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	0.00	0.00	0.00
	Goa	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00
SOUTHERN REGION	Andhra Pradesh	0.00	0.00	0.00
	Karnataka	0.00	0.00	0.00
	Kerala	0.00	0.00	0.00
	Tamil Nadu	0.00	0.00	0.00
	Lakshadweep	0.00	0.00	0.00
	Pondicherry	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00
EASTERN REGION	Bihar	0.00	0.00	0.00
	Orissa	0.00	0.00	0.00
	West Bengal	0.00	0.00	0.00
	D V C.	0.00	0.00	0.00
	A. & N. Islands	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00
NORTH EASTERN REGION	Assam	0.00	0.00	0.00
	Manipur	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00
	Total (All India)	0.00	0.00	0.00

Contd.

TABLE NO.22 (Contd)

(GWH)

		PRIVATE SECTOR COMPANIES		
Region	State/U. Ts.	1999-2000	1998-1999	% increase
NORTHERN REGION	Haryana	0.00	0.00	0.00
	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00
	Punjab	0.00	0.00	0.00
	Rajasthan	0.00	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00
WESTERN REGION	Gujarat	13221.46	11204.57	18.00
	Madhya Pradesh	23.45	10.51	123.12
	Maharashtra	16910.79	12268.66	37.84
	Goa	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
		Sub-Total	30155.70	23483.74	28.41
SOUTHERN REGION	Andhra Pradesh	3317.34	2908.96	14.04
	Karnataka	504.88	123.76	307.95
	Kerala	35.76	44.12	-18.95
	Tamil Nadu	2605.85	1137.50	129.09
	Lakshadweep	0.00	0.00	0.00
	Pondicherry	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	6463.83	4214.34	53.38
EASTERN REGION	Bihar	0.00	0.00	0.00
	Orissa	0.00	0.00	0.00
	West Bengal	5617.57	4965.38	13.13
	D.V.C.	0.00	0.00	0.00
	A. & N. Islands	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	5617.57	4965.38	13.13
NORTH EASTERN REGION	Assam	159.60	140.33	13.73
	Manipur	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	159.60	140.33	0.00
	Total (All India)	42396.70	32803.79	29.24

TABLE NO.23
GROSS ENERGY GENERATION (UTILITIES ONLY) PRIMEOVERWISE
STATEWISE DURING 1999-2000

(IN GWH)

Region	State/U.Ts.	HYDRO		
		1999-2000	1998-1999	% increase
NORTHERN REGION	Haryana	3913.88	4575.72	-14.46
	Himachal Pradesh	1201.35	1484.49	-19.07
	Jammu & Kashmir	608.00	698.88	-13.00
	Punjab	8731.59	9966.34	-12.39
	Rajasthan	3620.56	4426.31	-18.20
	Uttar Pradesh	5297.42	6196.18	-14.51
	Chandigarh	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00
	Central Sector	8157.95	9388.07	-13.10
	Sub-Total	31530.75	36735.99	-14.17
WESTERN REGION	Gujarat	1040.40	1346.60	-22.74
	Madhya Pradesh	2507.17	2850.56	-12.05
	Maharashtra	5648.38	5246.40	7.66
	Goa	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	9195.95	9443.56	-2.62
SOUTHERN REGION	Andhra Pradesh	8310.47	7352.54	13.03
	Karnataka	12273.27	10451.08	17.44
	Kerala	7063.76	7348.92	-3.88
	Tamil Nadu	4444.11	4917.96	-9.64
	Lakshadweep	0.00	0.00	0.00
	Pondicherry	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	32091.61	30070.50	6.72
EASTERN REGION	Bihar	208.54	183.37	13.73
	Orissa	4749.15	3554.28	33.62
	West Bengal	400.63	361.07	10.96
	D.V.C.	442.29	321.06	37.76
	A. & N. Islands	0.00	0.00	0.00
	Sikkim	51.35	52.58	-2.34
	Central Sector	26.00	0.00	0.00
	Sub-Total	5877.96	4472.36	31.43
NORTH EASTERN REGION	Assam	0.00	0.00	0.00
	Manipur	0.40	0.13	207.69
	Meghalaya	676.66	555.80	21.75
	Nagaland	2.55	2.22	14.86
	Tripura	61.32	56.25	9.01
	Arunachal Pradesh	52.00	53.18	-2.22
	Mizoram	6.48	5.02	29.08
	Central Sector	1259.79	1527.59	-17.53
	Sub-Total	2059.20	2200.19	-6.41
	Total (All India)	80755.47	82922.60	-2.61

Contd.

TABLE NO. 23 (Contd.)

(IN GWH)

Region	State/U.Ts.	S T E A M		
		1999-2000	1998-1999	% increase
NORTHERN REGION	Haryana	4054.93	3725.94	8.83
	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00
	Punjab	13831.14	10913.79	26.73
	Rajasthan	8789.27	7284.81	20.65
	Uttar Pradesh	18301.00	18741.40	-2.35
	Chandigarh	0.00	0.00	0.00
	Delhi	1545.68	1171.02	31.99
	Central Sector	40573.63	37229.04	8.98
	Sub-Total	87095.65	79066.00	10.16
WESTERN REGION	Gujarat	26013.42	24145.89	7.73
	Madhya Pradesh	19305.15	17701.07	9.06
	Maharashtra	47706.52	44762.19	6.58
	Goa	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	25677.00	25980.85	-1.17
	Sub-Total	118702.09	112590.00	5.43
SOUTHERN REGION	Andhra Pradesh	21499.10	19833.61	8.40
	Karnataka	8120.52	6076.65	33.63
	Kerala	0.00	0.00	0.00
	Tamil Nadu	18861.39	17076.31	10.45
	Lakshadweep	0.00	0.00	0.00
	Pondicherry	0.00	0.00	0.00
	Central Sector	29953.75	29199.48	2.58
	Sub-Total	78434.76	72186.05	8.66
EASTERN REGION	Bihar	3414.59	4041.47	-15.51
	Orissa	3166.37	2803.93	12.93
	West Bengal	16236.85	15498.00	4.77
	D.V.C.	7674.84	7359.72	4.28
	A. & N. Islands	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00
	Central Sector	18724.68	16305.20	14.84
	Sub-Total	49217.33	46008.32	6.97
NORTH EASTERN REGION	Assam	167.41	163.20	2.58
	Manipur	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	167.41	163.20	2.58
	Total (All India)	333617.24	310013.57	7.61

Contd.

TABLE NO.23 (Contd.)

(IN GWH)

Region	State/U.Ts.	DIESEL		
		1999-2000	1998-1999	% increase
NORTHERN REGION	Haryana	0.00	0.00	0.00
	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	0.00	8.46	-100.00
	Punjab	0.00	0.00	0.00
	Rajasthan	0.00	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	0.00	8.46	-100.00
WESTERN REGION	Gujarat	0.10	0.00	0.00
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	0.00	0.00	0.00
	Goa	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
		Sub-Total	0.10	0.00	0.00
SOUTHERN REGION	Andhra Pradesh	0.00	0.00	0.00
	Karnataka	708.00	625.00	13.28
	Kerala	579.00	251.28	130.42
	Tamil Nadu	1478.00	265.84	0.00
	Lakshadweep	19.39	18.84	2.92
	Pondicherry	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	2784.39	1160.96	139.84
EASTERN REGION	Bihar	0.00	0.00	0.00
	Orissa	0.00	0.00	0.00
	West Bengal	0.20	0.45	-55.56
	D V C	0.00	0.00	0.00
	A & N Islands	104.00	103.45	0.53
	Sikkim	1.05	1.85	-43.24
	Central Sector	0.00	0.00	0.00
	Sub-Total	105.25	105.75	-0.47
NORTH EASTERN REGION	Assam	0.00	0.00	0.00
	Manipur	0.46	0.68	-32.35
	Meghalaya	0.00	0.00	0.00
	Nagaland	0.25	0.20	25.00
	Tripura	1.85	2.00	-7.50
	Arunachal Pradesh	10.11	13.10	-22.82
	Mizoram	8.00	12.51	-36.05
	Central Sector	0.00	0.00	0.00
	Sub-Total	20.67	28.49	-27.45
	Total (All India)	2910.41	1303.66	123.25

Contd..

TABLE NO.23 (Contd.)

(IN GWH)

Region	State/U. Ts.	WIND		
		1999-2000	1998-1999	% increase
NORTHERN REGION	Haryana	0.00	0.00	0.00
	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00
	Punjab	0.00	0.00	0.00
	Rajasthan	0.77	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	0.77	0.00	0.00
WESTERN REGION	Gujarat	122.36	99.42	0.00
	Madhya Pradesh	23.45	10.51	123.12
	Maharashtra	45.70	4.08	1020.10
	Goa	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	191.51	114.01	67.98
SOUTHERN REGION	Andhra Pradesh	57.06	38.60	47.82
	Karnataka	39.46	29.69	32.91
	Kerala	1.93	1.59	21.38
	Tamil Nadu	1155.08	894.93	29.07
	Lakshadweep	0.00	0.00	0.00
	Pondicherry	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	1253.53	964.81	29.93
EASTERN REGION	Bihar	0.00	0.00	0.00
	Orissa	0.00	0.00	0.00
	West Bengal	0.00	0.00	0.00
	D.V.C.	0.00	0.00	0.00
	A. & N. Islands	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00
NORTH EASTERN REGION	Assam	0.00	0.00	0.00
	Manipur	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
Sub-Total	0.00	0.00	0.00	
Total (All India)		1445.81	1078.82	34.02

Contd.

TABLE NO.23 (Contd.)

(IN GWH)

Region	State/U.Ts.	G A S		
		1999-2000	1998-1999	% increase
NORTHERN REGION	Haryana	0.00	0.00	0.00
	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	0.00	5.98	-100.00
	Punjab	0.00	0.00	0.00
	Rajasthan	227.90	252.92	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00
	Delhi	743.66	722.97	2.86
	Central Sector	14466.00	12176.58	18.80
	Sub-Total	15437.56	13158.45	17.32
WESTERN REGION	Gujarat	9224.29	8765.06	5.24
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	9156.48	6626.43	38.18
	Goa	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	7070.00	6574.11	7.54
	Sub-Total	25450.77	21965.60	15.87
SOUTHERN REGION	Andhra Pradesh	3969.51	3580.23	10.87
	Karnataka	0.00	0.00	0.00
	Kerala	5.00	0.00	0.00
	Tamil Nadu	216.86	124.10	74.75
	Lakshadweep	0.00	0.00	0.00
	Pondicherry	132.00	2.44	0.00
	Central Sector	1249.00	243.30	0.00
	Sub-Total	5572.37	3950.07	41.07
EASTERN REGION	Bihar	0.00	0.00	0.00
	Orissa	0.00	0.00	0.00
	West Bengal	12.29	23.72	-48.19
	D.V.C.	21.07	26.15	-19.43
	A. & N. Islands	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	33.36	49.87	-33.11
NORTH EASTERN REGION	Assam	859.17	902.80	-4.83
	Manipur	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00
	Tripura	251.26	335.00	-25.00
	Arunachal Pradesh	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00
	Central Sector	1472.65	940.74	56.54
	Sub-Total	2583.08	2178.54	18.57
	Total (All India)	49077.14	41302.53	18.82

Contd.

TABLE NO.23 (Contd.)

(IN GWH)

Region	State/U.Ts.	NUCLEAR		
		1999-2000	1998-1999	% increase
NORTHERN REGION	Haryana	0.00	0.00	0.00
	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00
	Punjab	0.00	0.00	0.00
	Rajasthan	0.00	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00
	Central Sector	5322.29	4542.36	17.17
	Sub-Total	5322.29	4542.36	17.17
WESTERN REGION	Gujarat	0.00	0.00	0.00
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	0.00	0.00	0.00
	Goa	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	5566.83	5192.52	7.21
		Sub-Total	5566.83	5192.52	0.00
SOUTHERN REGION	Andhra Pradesh	0.00	0.00	0.00
	Karnataka	0.00	0.00	0.00
	Kerala	0.00	0.00	0.00
	Tamil Nadu	0.00	0.00	0.00
	Lakshadweep	0.00	0.00	0.00
	Pondicherry	0.00	0.00	0.00
	Central Sector	2360.00	2188.00	7.86
		Sub-Total	2360.00	2188.00	7.86
EASTERN REGION	Bihar	0.00	0.00	0.00
	Orissa	0.00	0.00	0.00
	West Bengal	0.00	0.00	0.00
	D.V.C.	0.00	0.00	0.00
	A. & N. Islands	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
		Sub-Total	0.00	0.00
NORTH EASTERN REGION	Assam	0.00	0.00	0.00
	Manipur	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00
	Total (All India)	13249.12	11922.88	11.12

TABLE NO.24
GROSS ENERGY GENERATION BY STATE ELECTRICITY
BOARDS PRIME-MOVERWISE DURING 1999-2000.

(GWH)

Region	BOARD	TOTAL		
		1999-2000	1998-1999	% increase
NORTHERN REGION	Himachal Pradesh	1201.35	1484.49	-19.07
	Jammu & Kashmir	608.00	713.32	-14.76
	Punjab	22562.73	20880.13	8.06
	Rajasthan	12637.73	11964.04	5.63
	Uttar Pradesh	23598.42	24937.58	-5.37
	Delhi	2289.34	1893.99	20.87
	Sub-Total	62897.57	61873.55	1.66
WESTERN REGION	Gujarat	23177.70	23144.30	0.14
	Madhya Pradesh	21812.32	20551.63	6.13
	Maharashtra	45286.63	44363.24	2.08
	Sub-Total	90276.65	88059.17	2.52
SOUTHERN REGION	Karnataka	1096.00	1089.00	0.64
	Kerala	7613.93	7557.67	0.74
	Tamil Nadu	23549.59	22141.64	6.36
	Sub-Total	32259.52	30788.31	4.78
EASTERN REGION	Bihar	2423.13	2707.84	-10.51
	West Bengal	3947.54	3635.29	8.59
	Sub-Total	6370.67	6343.13	0.43
NORTH EASTERN REGION	Assam	866.98	925.67	-6.34
	Meghalaya	676.66	555.80	21.75
	Sub-Total	1543.64	1481.47	4.20
Total (All Boards)		193348.05	188545.63	2.55

Contd.

**TABLE NO.24 (Contd.)
GROSS ENERGY GENERATION BY STATE ELECTRICITY
BOARDS PRIME-MOVERWISE DURING 1999-2000.**

(GWH)

		HYDRO		
Region	BOARD	1999-2000	1998-1999	%increase
NORTHERN REGION	Himachal Pradesh	1201.35	1484.49	-19.07
	Jammu & Kashmir	608.00	698.88	-13.00
	Punjab	8731.59	9966.34	-12.39
	Rajasthan	3620.56	4426.31	-18.20
	Uttar Pradesh	5297.42	6196.18	-14.51
	Delhi	0.00	0.00	0.00
	Sub-Total	19458.92	22772.20	-14.55
WESTERN REGION	Gujarat	1040.40	1346.60	-22.74
	Madhya Pradesh	2507.17	2850.56	-12.05
	Maharashtra	3675.15	3932.20	-6.54
	Sub-Total	7222.72	8129.36	-11.15
SOUTHERN REGION	Karnataka	388.00	464.00	-16.38
	Kerala	7033.00	7304.80	-3.72
	Tamil Nadu	4444.11	4917.96	-9.64
	Sub-Total	11865.11	12686.76	-6.48
EASTERN REGION	Bihar	177.54	140.37	26.48
	West Bengal	400.63	361.07	10.96
	Sub-Total	578.17	501.44	15.30
NORTH EASTERN REGION	Assam	0.00	0.00	0.00
	Meghalaya	676.66	555.80	21.75
	Sub-Total	676.66	555.80	21.75
	Total (All Boards)	39801.58	44645.56	-10.85

Contd

TABLE NO.24 (Contd.)
GROSS ENERGY GENERATION BY STATE ELECTRICITY
BOARDS PRIME-MOVERWISE DURING 1999-2000.

(GWH)

Region	BOARD	STEAM		
		1999-2000	1998-1999	%increase
NORTHERN REGION	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00
	Punjab	13831.14	10913.79	26.73
	Rajasthan	8789.27	7284.81	20.65
	Uttar Pradesh	18301.00	18741.40	-2.35
	Delhi	1545.68	1171.02	31.99
	Sub-Total	42467.09	38111.02	11.43
WESTERN REGION	Gujarat	20947.20	20706.90	1.16
	Madhya Pradesh	19305.15	17701.07	9.06
	Maharashtra	37675.83	35322.19	6.66
	Sub-Total	77928.18	73730.16	5.69
SOUTHERN REGION	Karnataka	0.00	0.00	0.00
	Kerala	0.00	0.00	0.00
	Tamil Nadu	18861.39	17076.31	10.45
	Sub-Total	18861.39	17076.31	10.45
EASTERN REGION	Bihar	2245.59	2567.47	-12.54
	West Bengal	3534.42	3250.05	8.75
	Sub-Total	5780.01	5817.52	-0.64
NORTH EASTERN REGION	Assam	167.41	163.20	2.58
	Meghalaya	0.00	0.00	0.00
	Sub-Total	167.41	163.20	2.58
	Total (All Boards)	145204.08	134898.21	7.64

Contd..

**TABLE NO.24 (Contd.)
GROSS ENERGY GENERATION BY STATE ELECTRICITY
BOARDS PRIME-MOVERWISE DURING 1999-2000.**

		(GWH)		
		DIESEL		
Region	BOARD	1999-2000	1998-1999	%increase
NORTHERN REGION	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	0.00	8.46	-100.00
	Punjab	0.00	0.00	0.00
	Rajasthan	0.00	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00
	Sub-Total	0.00	8.46	-100.00
WESTERN REGION	Gujarat	0.10	0.00	0.00
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	0.00	0.00	0.00
	Sub-Total	0.10	0.00	0.00
SOUTHERN REGION	Karnataka	708.00	625.00	13.28
	Kerala	579.00	251.28	130.42
	Tamil Nadu	0.00	0.00	0.00
	Sub-Total	1287.00	876.28	46.87
EASTERN REGION	Bihar	0.00	0.00	0.00
	West Bengal	0.20	0.45	-55.56
	Sub-Total	0.20	0.45	-55.56
NORTH EASTERN REGION	Assam	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00
	Total (All Boards)	1287.30	885.19	45.43

Contd..

**TABLE NO.24 (Contd.)
GROSS ENERGY GENERATION BY STATE ELECTRICITY
BOARDS PRIME-MOVERWISE DURING 1999-2000.**

		(GWH)		
		GAS		
Region	BOARD	1999-2000	1998-1999	%increase
NORTHERN REGION	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	0.00	5.98	-100.00
	Punjab	0.00	0.00	0.00
	Rajasthan	227.90	252.92	-9.89
	Uttar Pradesh	0.00	0.00	0.00
	Delhi	743.66	722.97	2.86
	Sub-Total	971.56	981.87	-1.05
WESTERN REGION	Gujarat	1190.00	1090.80	9.09
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	3935.65	5108.85	-22.96
	Sub-Total	5125.65	6199.65	-17.32
SOUTHERN REGION	Karnataka	0.00	0.00	0.00
	Kerala	0.00	0.00	0.00
	Tamil Nadu	216.86	124.10	74.75
	Sub-Total	216.86	124.10	74.75
EASTERN REGION	Bihar	0.00	0.00	0.00
	West Bengal	12.29	23.72	-48.19
	Sub-Total	12.29	23.72	-48.19
NORTH EASTERN REGION	Assam	699.57	762.47	-8.25
	Meghalaya	0.00	0.00	0.00
	Sub-Total	699.57	762.47	-8.25
	Total (All Boards)	7025.93	8091.81	-13.17

Note - There is no nuclear power station under any Electricity Board.

Contd.

**TABLE NO.24 (Contd.)
GROSS ENERGY GENERATION BY STATE ELECTRICITY
BOARDS PRIME-MOVERWISE DURING 1999-2000.**

		(GWH)		
		WIND		
Region	BOARD	1999-2000	1998-1999	%increase
NORTHERN REGION	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00
	Punjab	0.00	0.00	0.00
	Rajasthan	0.00	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00
	Sub-Total		0.00	0.00	0.00
WESTERN REGION	Gujarat	0.00	0.00	0.00
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	0.00	0.00	0.00
	Sub-Total		0.00	0.00
SOUTHERN REGION	Karnataka	0.00	0.00	0.00
	Kerala	1.93	1.59	21.38
	Tamil Nadu	27.23	23.27	17.02
	Sub-Total		29.16	24.86	17.30
EASTERN REGION	Bihar	0.00	0.00	0.00
	West Bengal	0.00	0.00	0.00
	Sub-Total		0.00	0.00	0.00
NORTH EASTERN REGION	Assam	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00
	Sub-Total		0.00	0.00
Total (All Boards)		29.16	24.86	17.30

TABLE NO.25
**GROSS ENERGY GENERATION BY ELECTRICITY DEPARTMENTS/
 GOVT. UNDERTAKINGS, CENTRAL SECTOR, MUNICIPALITIES
 AND PRIVATE SECTOR-PRIMEMOVERWISE/REGIONWISE**

REGION	OWNERSHIP	TOTAL		
		1999-00	1998-99	% increase
		(GWH)	(GWH)	
I	ELECTRICITY DEPARTMENTS/ GOVERNMENT UNDERTAKINGS/ CORPORATIONS/ CENTRAL SECTOR			
NORTHERN REGION	Haryana	7968.81	8301.66	-4.01
	Rajasthan	0.77	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00
	Central Sector	68519.87	63336.05	8.18
WESTERN REGION	Gujarat	1.41	8.10	-82.59
	Maharashtra	359.66	7.20	4895.28
	Goa	0.00	0.00	0.00
	Central Sector	38313.83	37747.48	1.50
	Andhra Pradesh	30518.80	27896.02	9.40
SOUTHERN REGION	Karnataka	19540.37	15969.66	22.36
	Lakshadweep	19.39	18.84	2.92
	Pondicherry	132.00	2.44	5309.84
	Central Sector	33562.75	31630.78	6.11
EASTERN REGION	Bihar	1200.00	1517.00	-20.90
	Orissa	7915.52	6358.21	24.49
	West Bengal	7084.86	7282.57	-2.71
	Sikkim	52.40	54.43	-3.73
	D.V.C.	8138.20	7706.93	5.60
	A. & N. Islands	104.00	103.45	0.53
	Central Sector	18750.68	16305.20	15.00
NORTH EASTERN REGION	Manipur	0.86	0.81	6.17
	Nagaland	2.80	2.42	15.70
	Tripura	314.43	393.25	-20.04
	Arunachal Pradesh	62.11	66.28	-6.29
	Mizoram	14.48	17.53	-17.40
	Central Sector	2732.44	2468.33	10.70
	Total(I)	245310.44	227194.64	7.97
II	PRIVATE LICENSEES			
WESTERN REGION	Gujarat	13221.46	11204.57	18.00
	Madhya Pradesh	23.45	10.51	123.12
	Maharashtra	16910.79	12268.66	37.84
	Goa	0.00	0.00	0.00
SOUTHERN REGION	Andhra Pradesh	3317.34	2908.96	14.04
	Karnataka	504.88	123.76	307.95
	Kerala	35.76	44.12	-18.95
	TamilNadu	2605.85	1137.50	129.09
EASTERN REGION	Orissa	0.00	0.00	0.00
	West Bengal	5617.57	4965.38	13.13
NORTH EASTERN REGION	Assam	159.60	140.33	0.00
	Total(II)	42396.70	32803.79	29.24

Contd.

TABLE NO.25 (Contd.)
**GROSS ENERGY GENERATION BY ELECTRICITY DEPARTMENTS/
 GOVT. UNDERTAKINGS, CENTRAL SECTOR, MUNICIPALITIES
 AND PRIVATE SECTOR-PRIMEMOVER-WISE/REGIONWISE**

		(GWH)		
REGION	OWNERSHIP	HYDRO		
		1999-00	1998-99	%increase
I		ELECTRICITY DEPARTMENTS/ GOVERNMENT UNDERTAKINGS/ CORPORATION/ CENTRAL SECTOR		
NORTHERN	Haryana	3913.88	4575.72	-14.46
	Rajasthan	0.00	0.00	0.00
REGION	Uttar Pradesh	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00
	Central Sector	8157.95	9388.07	-13.10
WESTERN	Gujarat	0.00	0.00	0.00
REGION	Maharashtra	359.66	7.20	4895.28
	Goa	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
SOUTHERN	Andhra Pradesh	8310.47	7352.54	13.03
REGION	Karnataka	11773.37	9897.91	18.95
	Lakshadweep	0.00	0.00	0.00
	Pondicherry	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
EASTERN	Bihar	31.00	43.00	-27.91
REGION	Orissa	4749.15	3554.28	33.62
	West Bengal	0.00	0.00	0.00
	Sikkim	51.35	52.58	-2.34
	D.V.C.	442.29	321.06	37.76
	A.& N. Islands	0.00	0.00	0.00
	Central Sector	26.00	0.00	0.00
EASTERN	Manipur	0.40	0.13	207.69
REGION	Nagaland	2.55	2.22	14.86
	Tripura	61.32	56.25	9.01
	Arunachal Pradesh	52.00	53.18	-2.22
	Mizoram	6.48	5.02	29.08
	Central Sector	1259.79	1527.59	-17.53
	Total(I)	39197.66	36836.75	6.41
II		PRIVATE LICENSEES		
WESTERN	Gujarat	0.00	0.00	0.00
REGION	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	1613.57	1307.00	23.46
	Goa	0.00	0.00	0.00
SOUTHERN	Andhra Pradesh	0.00	0.00	0.00
REGION	Karnataka	111.90	89.17	25.49
	Kerala	30.76	44.12	-30.28
	TamilNadu	0.00	0.00	0.00
EASTERN	Orissa	0.00	0.00	0.00
REGION	West Bengal	0.00	0.00	0.00
NORTH	Assam	0.00	0.00	0.00
EASTERN				
REGION				
	Total(II)	1756.23	1440.29	-30.28

Contd.

TABLE NO.25 (Contd.)
**GROSS ENERGY GENERATION BY ELECTRICITY DEPARTMENTS/
 GOVT. UNDERTAKINGS, CENTRAL SECTOR, MUNICIPALITIES
 AND PRIVATE SECTOR-PRIMEMOVERWISE/REGIONWISE**

REGION	OWNERSHIP	S T E A M		
		1999-00	1998-99	%increase
		(GWH)		
		(GWH)		
I	ELECTRICITY DEPARTMENTS/ GOVERNMENT UNDERTAKINGS/ CORPORATION/ CENTRAL SECTOR			
NORTHERN REGION	Haryana	4054.93	3725.94	8.83
	Rajasthan	0.00	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00
	Central Sector	40573.63	37229.04	8.98
WESTERN REGION	Gujarat	0.00	0.00	0.00
	Maharashtra	0.00	0.00	0.00
	Goa	0.00	0.00	0.00
	Central Sector	25677.00	25980.85	-1.17
SOUTHERN REGION	Andhra Pradesh	21499.10	19833.61	8.40
	Karnataka	7762.00	6067.55	27.93
	Lakshadweep	0.00	0.00	0.00
	Pondicherry	0.00	0.00	0.00
	Central Sector	29953.75	29199.48	2.58
EASTERN REGION	Bihar	1169.00	1474.00	-20.69
	Orissa	3166.37	2803.93	12.93
	West Bengal	7084.86	7282.57	-2.71
	Sikkim	0.00	0.00	0.00
	D V C.	7674.84	7359.72	4.28
	A & N Islands	0.00	0.00	0.00
	Central Sector	18724.68	16305.20	14.84
NORTH EASTERN REGION	Manipur	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Total(I)	167340.16	157261.89	6.41
II	<u>PRIVATE LICENSEES</u>			
WESTERN REGION	Gujarat	5066.22	3438.99	47.32
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	10030.69	9440.00	6.26
	Goa	0.00	0.00	0.00
SOUTHERN REGION	Andhra Pradesh	0.00	0.00	0.00
	Karnataka	358.52	9.10	3839.78
	Kerala	0.00	0.00	0.00
	TamilNadu	0.00	0.00	0.00
EASTERN REGION	Orissa	0.00	0.00	0.00
	West Bengal	5617.57	4965.38	13.13
NORTH EASTERN REGION	Assam	0.00	0.00	0.00
	Total(II)	21073.00	17853.47	18.03

Contd.

TABLE NO.25 (Contd.)
**GROSS ENERGY GENERATION BY ELECTRICITY DEPARTMENTS/
 GOVT. UNDERTAKINGS, CENTRAL SECTOR, MUNICIPALITIES
 AND PRIVATE SECTOR-PRIMEMOVERWISE/REGIONWISE
 AND PRIVATE SECTOR-PRIMEMOVERWISE/REGIONWISE**

		(GWH)		
REGION	OWNERSHIP	DIESEL		
		1999-00	1998-99	%increase
I	ELECTRICITY DEPARTMENTS/ GOVERNMENT UNDERTAKINGS/ CORPORATION/ CENTRAL SECTOR			
NORTHERN REGION	Haryana	0.00	0.00	0.00
	Rajasthan	0.00	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
WESTERN REGION	Gujarat	0.00	0.00	0.00
	Maharashtra	0.00	0.00	0.00
	Goa	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
SOUTHERN REGION	Andhra Pradesh	0.00	0.00	0.00
	Karnataka	0.00	0.00	0.00
	Lakshadweep	19.39	18.84	2.92
	Pondicherry	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
EASTERN REGION	Bihar	0.00	0.00	0.00
	Orissa	0.00	0.00	0.00
	West Bengal	0.00	0.00	0.00
	Sikkim	1.05	1.85	-43.24
	D.V.C.	0.00	0.00	0.00
	A. & N. Islands	104.00	103.45	0.53
	Central Sector	0.00	0.00	0.00
NORTH EASTERN REGION	Manipur	0.46	0.68	-32.35
	Nagaland	0.25	0.20	25.00
	Tripura	1.85	2.00	-7.50
	Arunachal Pradesh	10.11	13.10	-22.82
	Mizoram	8.00	12.51	-36.05
	Central Sector	0.00	0.00	0.00
	Total(I)	145.11	152.63	-4.93
II	<u>PRIVATE LICENSEES</u>			
WESTERN REGION	Gujarat	0.00	0.00	0.00
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	0.00	0.00	0.00
	Goa	0.00	0.00	0.00
SOUTHERN REGION	Andhra Pradesh	0.00	0.00	0.00
	Karnataka	0.00	0.00	0.00
	Kerala	0.00	0.00	0.00
	TamilNadu	1478.00	265.84	455.97
EASTERN REGION	Orissa	0.00	0.00	0.00
	West Bengal	0.00	0.00	0.00
NORTH EASTERN REGION	Assam	0.00	0.00	0.00
	Total(II)	1478.00	265.84	455.97

Contd.

Note:-Due to nil data reported by Director (Electrical Eng) (PS) Railway Board vide their letter number 2001 Elec (G)/150/9 Dt-4-7-2001 compilation /publishing of tables in respect of Railways has been discontinued from the year 1999-2000. 91.70% of total captive generation was contributed by the industries of 13 categories producing primary infrastructure material individually. The break up of Capacity, Generation and Consumption for the year 1999-00 is given below:-

Sl.No.	Name of Industry	Installed Capacity (MW)	Energy Generation (GWH)	Energy Consumption (GWH)	Percentage to Total Energy Consumption i.e .Item 16
1.	Aluminium	1792	12478	10523	13.96
2.	Automobiles	192	384	837	1.11
3.	Cement	1374	4335	7850	10.41
4.	Chemicals, Mineral Oil & Petroleum	2452	8383	10999	14.59
5.	Fertilizers	1302	4181	6449	8.56
6.	Food	93	82	303	0.40
7.	Heavy & Light Engineering	433	305	1600	2.12
8.	Iron & Steel	1946	8629	12556	16.66
9.	Mining & Quarrying	70	244	680	0.91
10.	Non-Ferrous Metal	400	1100	2072	2.75
11.	Paper	709	2944	3536	4.69
12.	Sugar	880	1969	1876	2.49
13.	Textile	1979	5984	9847	13.06
	Sub-Total (1 to 13)	13622	51018	69128	91.70
15.	Other Industries	1714	4379	6254	8.30
14.	Total (Non-Utilities)	15336	55397	75382	100.00

Various tables in this Section depict the salient features of captive plants in the country.

Captive Plants

TABLE NO.27
INSTALLED GENERATING CAPACITY OF SELECTED INDUSTRIES
STATEWISE AS ON 31ST MARCH, 2000
(HAVING INSTALLED PLANT CAPACITY OF 1 MW & ABOVE)

		(IN KW)		
Region	State/U.Ts.	Aluminium (Primary)	Aluminium (Secondary)	Auto- mobiles
1	2	3	4	5
NORTHERN REGION	Haryana	0	0	68000
	Himachal Pradesh	0	0	0
	Jammu & Kashmir	0	0	0
	Punjab	0	0	2660
	Rajasthan	0	0	0
	Uttar Pradesh	581700	0	33666
	Chandigarh	0	0	0
	Delhi	0	0	0
	Sub-Total	581700	0	104326
WESTERN REGION	Gujarat	0	0	0
	Madhya Pradesh	270000	0	10210
	Maharashtra	0	0	32715
	Goa	0	0	0
	Daman & Diu	0	0	0
	D. & N.Haveli	0	2880	0
	Sub-Total	270000	2880	42925
SOUTHERN REGION	Andhra Pradesh	0	4752	6155
	Karnataka	0	1992	11264
	Kerala	0	0	0
	Tamil Nadu	75000	0	12854
	Pondicherry	0	0	0
	Lakshadweep	0	0	0
	Sub-Total	75000	6744	30273
EASTERN REGION	Bihar	0	8687	0
	Orissa	787500	55500	0
	West Bengal	0	3580	14640
	A. & N. Islands	0	0	0
	Sikkim	0	0	0
	Sub-Total	787500	67767	14640
NORTH EASTERN REGION	Assam	0	0	0
	Manipur	0	0	0
	Meghalaya	0	0	0
	Nagaland	0	0	0
	Tripura	0	0	0
	Arunachal Pradesh	0	0	0
	Mizoram	0	0	0
		Sub-Total	0	0	0
	Total (All India)	1714200	77391	192164

Contd.

TABLE NO.27 (Contd.)
INSTALLED GENERATING CAPACITY OF SELECTED INDUSTRIES
STATEWISE AS ON 31ST MARCH, 2000
(HAVING INSTALLED PLANT CAPACITY OF 1 MW & ABOVE)

		(IN KW)			
Region	State/U.Ts.	Cement (Primary)	Cement (Secondary)	Chemicals	Collieries
		6	7	8	9
NORTHERN REGION	Haryana	1600	5920	12980	0
	Himachal Pradesh	40172	0	0	0
	Jammu & Kashmir	0	0	0	0
	Punjab	0	0	11980	0
	Rajasthan	195464	0	13099	0
	Uttar Pradesh	1260	0	54278	0
	Chandigarh	0	0	0	0
	Delhi	0	0	0	0
Sub-Total		238496	5920	92337	0
WESTERN REGION	Gujarat	144187	1816	488536	0
	Madhya Pradesh	411880	13152	126016	0
	Maharashtra	17000	0	130652	0
	Goa	0	0	15965	0
	Daman & Diu	0	0	0	0
	D. & N. Haveli	0	0	0	0
Sub-Total		573067	14968	761169	0
SOUTHERN REGION	Andhra Pradesh	240125	3102	248900	38700
	Karnataka	175540	1676	48284	0
	Kerala	4820	0	26530	0
	Tamil Nadu	57724	0	141067	0
	Pondicherry	0	0	0	0
	Lakshadweep	0	0	0	0
Sub-Total		478209	4778	464781	38700
EASTERN REGION	Bihar	32544	0	32490	132300
	Orissa	0	23250	0	0
	West Bengal	0	0	17150	20000
	A. & N. Islands	0	0	0	0
	Sikkim	0	0	0	0
Sub-Total		32544	23250	49640	152300
NORTH EASTERN REGION	Assam	2400	0	0	3200
	Manipur	0	0	0	0
	Meghalaya	0	0	0	0
	Nagaland	0	0	0	0
	Tripura	0	0	0	0
	Arunachal Pradesh	0	0	0	0
	Mizoram	0	0	0	0
Sub-Total		2400	0	0	3200
Total (All India)		1324716	48916	1367927	194200

Contd.

TABLE NO.27 (Contd.)
INSTALLED GENERATING CAPACITY OF SELECTED INDUSTRIES
STATEWISE AS ON 31ST MARCH, 2000
(HAVING INSTALLED PLANT CAPACITY OF 1 MW & ABOVE)

		(IN KW)			
Region	State/U.Ts.	Electrical Engineering	Fertilizer	Food Products	Heavy Engineering
		10	11	12	13
NORTHERN REGION	Haryana	33424	31500	6880	9728
	Himachal Pradesh	0	0	0	0
	Jammu & Kashmir	0	0	0	0
	Punjab	5314	32400	21562	5964
	Rajasthan	8460	97000	0	2000
	Uttar Pradesh	55609	275360	9728	11423
	Chandigarh	0	0	0	0
	Delhi	0	0	2600	0
	Sub-Total	102807	436260	40770	29115
WESTERN REGION	Gujarat	14716	238355	2510	0
	Madhya Pradesh	15226	51675	1000	1220
	Maharashtra	4456	51200	3840	10528
	Goa	0	0	0	0
	Daman & Diu	0	0	0	0
	D. & N. Haveli	0	0	0	0
	Sub-Total	34398	341230	7350	11748
SOUTHERN REGION	Andhra Pradesh	30204	54900	6793	5416
	Karnataka	20360	48000	12228	30126
	Kerala	8560	33600	0	0
	Tamil Nadu	12620	14040	7995	24572
	Pondicherry	0	0	0	0
	Lakshadweep	0	0	0	0
	Sub-Total	71744	150540	27016	60114
EASTERN REGION	Bihar	2660	107150	1000	15420
	Orissa	1840	177000	0	3565
	West Bengal	9720	58850	16976	16790
	A. & N. Islands	0	0	0	0
	Sikkim	0	0	0	0
	Sub-Total	14220	343000	17976	35775
NORTH EASTERN REGION	Assam	0	31400	0	0
	Manipur	0	0	0	0
	Meghalaya	0	0	0	0
	Nagaland	0	0	0	0
	Tripura	0	0	0	0
	Arunachal Pradesh	0	0	0	0
	Mizoram	0	0	0	0
	Sub-Total	0	31400	0	0
	Total (All India)	223169	1302430	93112	136752

Contd

TABLE NO.27 (Contd.)
INSTALLED GENERATING CAPACITY OF SELECTED INDUSTRIES
STATEWISE AS ON 31ST MARCH, 2000
(HAVING INSTALLED PLANT CAPACITY OF 1 MW & ABOVE)

		(IN KW)			
Region	State/U.Ts.	Iron &Steel (Primary)	Iron &Steel (Secondary)	Jute	Light Engineering
		14	15	16	17
NORTHERN REGION	Haryana	17268	58960	0	14084
	Himachal Pradesh	0	2808	0	6512
	Jammu & Kashmir	0	0	0	0
	Punjab	8060	1000	0	18472
	Rajasthan	1240	0	0	0
	Uttar Pradesh	8600	33148	6806	21398
	Chandigarh	0	0	0	0
	Delhi	0	0	0	0
Sub-Total		35168	95916	6806	60466
WESTERN REGION	Gujarat	31200	2080	0	31000
	Madhya Pradesh	115300	15428	0	20928
	Maharashtra	31100	20680	0	38505
	Goa	8250	0	0	0
	Daman & Diu	0	0	0	0
	D & N.Haveli	0	0	0	0
Sub-Total		185850	38188	0	90433
SOUTHERN REGION	Andhra Pradesh	380936	13170	7546	8640
	Karnataka	10664	8620	0	45558
	Kerala	0	21000	0	2000
	Tamil Nadu	7760	22846	0	66772
	Pondicherry	0	0	0	0
	Lakshadweep	0	0	0	0
Sub-Total		399360	65636	7546	122970
EASTERN REGION	Bihar	685800	9590	5946	10030
	Orissa	261000	2240	0	1260
	West Bengal	160000	6920	160520	11390
	A & N Islands	0	0	0	0
	Sikkim	0	0	0	0
Sub-Total		1106800	18750	166466	22680
NORTH EASTERN REGION	Assam	0	0	0	0
	Manipur	0	0	0	0
	Meghalaya	0	0	0	0
	Nagaland	0	0	0	0
	Tripura	0	0	0	0
	Arunachal Pradesh	0	0	0	0
	Mizoram	0	0	0	0
Sub-Total		0	0	0	0
Total (All India)		1727178	218490	180818	296549

Contd.

TABLE NO.27 (Contd.)
INSTALLED GENERATING CAPACITY OF SELECTED INDUSTRIES
STATEWISE AS ON 31ST MARCH, 2000
(HAVING INSTALLED PLANT CAPACITY OF 1 MW & ABOVE)

		(IN KW)				
Region	State/U.Ts.	Mineral Oil	Mining &	Miscell-	Non-	Paper
		& Petroleum	Quarrying	aneous	Ferrous	
		18	19	20	21	22
NORTHERN REGION	Haryana	0	0	110575	0	27730
	Himachal Pradesh	0	0	47224	0	1840
	Jammu & Kashmir	0	0	0	0	0
	Punjab	0	0	15730	0	8120
	Rajasthan	0	0	15692	57520	4438
	Uttar Pradesh	81100	0	92318	0	85900
	Chandigarh	0	0	5173	0	0
	Delhi	0	0	0	0	0
	Sub-Total	81100	0	286712	57520	128028
WESTERN REGION	Gujarat*	240682	1600	207442	40000	27200
	Madhya Pradesh	6750	0	57742	12880	42768
	Maharashtra	105000	0	20703	0	54925
	Goa	0	0	5280	0	0
	Daman & Diu	0	0	0	0	0
	D. & N. Haveli	0	0	1350	0	0
	Sub-Total	352432	1600	292517	52880	124893
SOUTHERN REGION	Andhra Pradesh**	69360	0	283874	62500	94412
	Karnataka	118500	32580	55252	10680	74872
	Kerala	43100	0	11840	10300	15000
	Tamil Nadu	61360	0	48836	0	84495
	Pondicherry	0	0	12599	0	0
	Lakshadweep	0	0	0	0	0
	Sub-Total	292320	32580	412401	83480	268779
EASTERN REGION	Bihar	36500	32200	9240	15800	17360
	Orissa	0	3400	0	189950	61740
	West Bengal	164100	0	20010	0	30830
	A. & N. Islands	0	0	1308	0	0
	Sikkim	0	0	0	0	0
	Sub-Total	200600	35600	30558	205750	109930
NORTH-EASTERN REGION	Assam	157840	0	0	0	69650
	Manipur	0	0	0	0	0
	Meghalaya	0	0	0	0	0
	Nagaland	0	0	0	0	8000
	Tripura	0	0	0	0	0
	Arunachal Pradesh	0	0	0	0	0
	Mizoram	0	0	0	0	0
	Sub-Total	157840	0	0	0	77650
	Total (All India)	1084292	69780	1022188	399630	709280

* Includes Gujarat Industries Power Corpn. Ltd. under Misc. category

** Includes Andhra Pradesh gas power stations under Misc. category

Note:-In certain states/category of industries the figures of installed plant capacity are inconsistent due to wrong reporting/not reporting at all by the Industry

contd

TABLE NO.27 (Contd.)
INSTALLED GENERATING CAPACITY OF SELECTED INDUSTRIES
STATEWISE AS ON 31ST MARCH, 2000
(HAVING INSTALLED PLANT CAPACITY OF 1 MW & ABOVE)

(IN KW)

Region	State/U.Ts.	Plastic	Rubber	Sugar	Textile	Total
		23	24	25	26	(3 to 26)
NORTHERN REGION	Haryana	0	0	19320	37114	455083
	Himachal Pradesh	0	0	0	50938	149494
	Jammu & Kashmir	0	0	0	3032	3032
	Punjab	0	13194	58900	105664	309020
	Rajasthan	0	17888	0	142350	555151
	Uttar Pradesh	0	2160	224167	154253	1732874
	Chandigarh	0	0	0	0	5173
	Delhi	0	0	0	0	2600
	Sub-Total	0	33242	302387	493351	3212427
WESTERN REGION	Gujarat	0	8400	46850	462511	1989085
	Madhya Pradesh	0	0	12980	208704	1393859
	Maharashtra	0	7520	112656	253075	894555
	Goa	0	4160	0	0	33655
	Daman & Diu	0	0	0	0	0
	D. & N. Haveli	0	0	0	19110	23340
	Sub-Total	0	20080	172486	943400	4334494
SOUTHERN REGION	Andhra Pradesh	0	0	99147	87822	1746454
	Karnataka	0	7696	100100	48071	862063
	Kerala	0	12440	0	29910	219100
	Tamil Nadu	0	6630	145210	269916	1059697
	Pondicherry	0	2000	5276	3638	23513
	Lakshadweep	0	0	0	0	0
	Sub-Total	0	28766	349733	439357	3910827
EASTERN REGION	Bihar	0	0	37018	23366	1215101
	Orissa	0	0	18490	6695	1593430
	West Bengal	0	12080	0	71209	794765
	A. & N. Islands	0	0	0	0	1308
	Sikkim	0	0	0	0	0
	Sub-Total	0	12080	55508	101270	3604604
NORTH EASTERN REGION	Assam	0	0	0	1360	265850
	Manipur	0	0	0	0	0
	Meghalaya	0	0	0	0	0
	Nagaland	0	0	0	0	8000
	Tripura	0	0	0	0	0
	Arunachal Pradesh	0	0	0	0	0
	Mizoram	0	0	0	0	0
	Sub-Total	0	0	0	1360	273850
	Total (All India)	0	94168	880114	1978738	15336202

TABLE NO.28
GROSS ELECTRICITY GENERATION BY SELECTED INDUSTRIES
REGIONWISE/STATEWISE DURING THE YEAR 1999-2000
(HAVING INSTALLED PLANT CAPACITY OF 1 MW & ABOVE)

Region	State/U Ts	(GWH)		
		Aluminium (Primary)	Aluminium (Secondary)	Automobiles
1	2	3	4	5
NORTHERN REGION	Haryana	0.00	0.00	276.60
	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00
	Punjab	0.00	0.00	1.18
	Rajasthan	0.00	0.00	0.00
	Uttar Pradesh	4838.37	0.00	63.00
	Chandigarh	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00
	Sub-Total	4838.37	0.00	340.78
WESTERN REGION	Gujarat	0.00	0.00	0.00
	Madhya Pradesh	1790.68	0.00	6.32
	Maharashtra	0.00	0.00	7.48
	Goa	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	D. & N. Haveli	0.00	3.77	0.00
	Sub-Total	1790.68	3.77	13.80
SOUTHERN REGION	Andhra Pradesh	0.00	1.93	2.62
	Karnataka	0.00	0.62	19.44
	Kerala	0.00	0.00	0.00
	Tamil Nadu	571.30	0.00	5.93
	Pondicherry	0.00	0.00	0.00
	Lakshadweep	0.00	0.00	0.00
	Sub-Total	571.30	2.55	27.99
EASTERN REGION	Bihar	0.00	31.36	0.00
	Orissa	4968.67	265.16	0.00
	West Bengal	0.00	6.30	1.22
	A. & N. Islands	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00
	Sub-Total	4968.67	302.82	1.22
NORTH EASTERN REGION	Assam	0.00	0.00	0.00
	Manipur	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00
	Total (All India)	12169.02	309.14	383.79

Contd.

TABLE NO.28 (Contd.)
GROSS ELECTRICITY GENERATION BY SELECTED INDUSTRIES
REGIONWISE/STATEWISE DURING THE YEAR 1999-2000
(HAVING INSTALLED PLANT CAPACITY OF 1 MW & ABOVE)

Region	State/U.Ts.	(GWH)			
		Cement (Primary)	Cement (Secondary)	Chemicals	Collieries
		6	7	8	9
NORTHERN REGION	Haryana	0.00	5.93	5.24	0.00
	Himachal Pradesh	32.44	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00	0.00
	Punjab	0.00	0.00	3.79	0.00
	Rajasthan	522.84	0.00	78.44	0.00
	Uttar Pradesh	0.25	0.00	75.56	0.00
	Chandigarh	0.00	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00	0.00
	Sub-Total	555.53	5.93	163.03	0.00
WESTERN REGION	Gujarat	687.79	0.11	1895.45	0.00
	Madhya Pradesh	1304.98	3.98	493.07	0.00
	Maharashtra	75.10	0.00	614.42	0.00
	Goa	0.00	0.00	83.74	0.00
	Daman & Diu	0.00	0.00	0.00	0.00
	D & N.Haveli	0.00	0.00	0.00	0.00
		Sub-Total	2067.87	4.09	3086.68	0.00
SOUTHERN REGION	Andhra Pradesh	726.09	0.94	957.16	90.11
	Karnataka	715.38	2.24	163.78	0.00
	Kerala	5.58	0.00	29.57	0.00
	Tamil Nadu	115.85	0.00	520.56	0.00
	Pondicherry	0.00	0.00	0.00	0.00
	Lakshadweep	0.00	0.00	0.00	0.00
	Sub-Total	1562.90	3.18	1671.07	90.11
EASTERN REGION	Bihar	66.30	0.00	0.01	116.40
	Orissa	0.00	69.66	0.00	0.00
	West Bengal	0.00	0.00	47.22	128.47
	A & N. Islands	0.00	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00	0.00
	Sub-Total	66.30	69.66	47.23	244.87
NORTH EASTERN REGION	Assam	0.01	0.00	0.00	1.69
	Manipur	0.00	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00	0.00
		Sub-Total	0.01	0.00	0.00	1.69
	Total (All India)	4252.61	82.86	4968.01	336.67

Contd.

TABLE NO.28 (Contd.)
GROSS ELECTRICITY GENERATION BY SELECTED INDUSTRIES
REGIONWISE/STATEWISE DURING THE YEAR 1999-2000
(HAVING INSTALLED PLANT CAPACITY OF 1 MW & ABOVE)

		(GWH)			
Region	State/U.Ts.	Electrical Engineering	Ferti- lizers	Food Products	Heavy Engineering
		10	11	12	13
NORTHERN REGION	Haryana	30.10	154.05	2.68	9.68
	Himachal Pradesh	0.00	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00	0.00
	Punjab	2.75	185.35	17.70	1.36
	Rajasthan	7.23	712.74	0.00	0.45
	Uttar Pradesh	91.32	1025.06	6.45	8.33
	Chandigarh	0.00	0.00	0.00	0.00
	Delhi	0.00	0.00	0.62	0.00
Sub-Total		131.40	2077.20	27.45	19.82
WESTERN REGION	Gujarat	8.66	784.48	2.89	0.00
	Madhya Pradesh	35.58	157.42	0.00	1.93
	Maharashtra	0.25	217.47	1.33	5.67
	Goa	0.00	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00	0.00
Sub-Total		44.49	1159.37	4.22	7.60
SOUTHERN REGION	Andhra Pradesh	131.46	272.58	7.37	0.19
	Karnataka	3.02	202.08	28.57	12.25
	Kerala	9.79	91.36	0.00	0.00
	Tamil Nadu	10.05	33.26	11.04	2.76
	Pondicherry	0.00	0.00	0.00	0.00
	Lakshadweep	0.00	0.00	0.00	0.00
Sub-Total		154.32	599.28	46.98	15.20
EASTERN REGION	Bihar	1.18	184.11	0.00	0.08
	Orissa	1.27	65.22	0.00	0.04
	West Bengal	1.21	0.00	3.30	0.72
	A. & N. Islands	0.00	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00	0.00
Sub-Total		3.66	249.33	3.30	0.84
NORTH EASTERN REGION	Assam	0.00	95.57	0.00	0.00
	Manipur	0.00	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00	0.00
	Sub-Total		0.00	95.57	0.00	0.00
Total (All India)		333.87	4180.75	81.95	43.46

Contd.

TABLE NO.28 (Contd.)
GROSS ELECTRICITY GENERATION BY SELECTED INDUSTRIES
REGIONWISE/STATEWISE DURING THE YEAR 1999-2000
(HAVING INSTALLED PLANT CAPACITY OF 1 MW & ABOVE)

Region	State/U.Ts.	(GWH)			
		Iron & Steel	Iron & Steel	Jute	Light
		(Primary)	(Secondary)		Engineering
		14	15	16	17
NORTHERN REGION	Haryana	15.66	21.18	0.00	8.78
	Himachal Pradesh	0.00	0.00	0.00	3.24
	Jammu & Kashmir	0.00	0.00	0.00	0.00
	Punjab	0.83	0.00	0.00	33.79
	Rajasthan	1.07	0.00	0.00	0.00
	Uttar Pradesh	0.76	3.08	8.55	7.99
	Chandigarh	0.00	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00	0.00
	Sub-Total	18.32	24.26	8.55	53.80
WESTERN REGION	Gujarat	194.88	0.00	0.00	0.10
	Madhya Pradesh	844.24	21.19	0.00	2.44
	Maharashtra	14.77	108.78	0.00	13.53
	Goa	26.27	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00	0.00
	D & N Haveli	0.00	0.00	0.00	0.00
		Sub-Total	1080.16	129.97	0.00	16.07
SOUTHERN REGION	Andhra Pradesh	2394.67	17.56	6.43	2.62
	Karnataka	42.86	6.08	0.00	43.43
	Kerala	0.00	0.00	0.00	3.02
	Tamil Nadu	9.67	27.04	0.00	140.29
	Pondicherry	0.00	0.00	0.00	0.00
	Lakshadweep	0.00	0.00	0.00	0.00
	Sub-Total	2447.20	50.68	6.43	189.36
EASTERN REGION	Bihar	2819.04	1.04	0.00	0.00
	Orissa	1293.32	0.87	0.00	0.00
	West Bengal	762.76	1.05	63.32	2.48
	A. & N. Islands	0.00	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00	0.00
	Sub-Total	4875.12	2.96	63.32	2.48
NORTH EASTERN REGION	Assam	0.00	0.00	0.00	0.00
	Manipur	0.00	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00	0.00
	Total (All India)	8420.80	207.87	78.30	261.71

Contd.

TABLE NO.28 (Contd.)
GROSS ELECTRICITY GENERATION BY SELECTED INDUSTRIES
REGIONWISE/STATEWISE DURING THE YEAR 1999-2000
(HAVING INSTALLED PLANT CAPACITY OF 1 MW & ABOVE)

Region	State/U. Ts.	(GWH)				
		Mineral Oil & Petroleum	Mining & Quarrying	Miscell- aneous	Non- Ferrous	Paper
		18	19	20	21	22
NORTHERN REGION	Haryana	0.00	0.00	241.96	0.00	146.68
	Himachal Pradesh	0.00	0.00	5.82	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00	0.00	0.00
	Punjab	0.00	0.00	17.10	0.00	7.01
	Rajasthan	0.00	0.00	8.46	34.10	1.24
	Uttar Pradesh	243.96	0.00	72.93	0.00	357.91
	Chandigarh	0.00	0.00	0.46	0.00	0.00
	Delhi	0.00	0.00	0.00	0.00	0.00
	Sub-Total	243.96	0.00	346.73	34.10	512.84
WESTERN REGION	Gujarat*	845.26	1.86	1197.99	238.00	55.34
	Madhya Pradesh	17.95	0.00	88.53	1.19	208.66
	Maharashtra	431.78	0.00	10.09	0.00	272.16
	Goa	0.00	0.00	13.60	0.00	0.00
	Daman & Diu	0.00	0.00	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	4.13	0.00	0.00
	Sub-Total	1294.99	1.86	1314.34	239.19	536.16
SOUTHERN REGION	Andhra Pradesh**	198.28	0.00	1682.99	0.38	507.77
	Karnataka	368.89	157.67	53.59	47.75	302.35
	Kerala	186.51	0.00	1.22	10.47	84.20
	Tamil Nadu	372.90	0.00	109.92	0.00	408.52
	Pondicherry	0.00	0.00	10.38	0.00	0.00
	Lakshadweep	0.00	0.00	0.00	0.00	0.00
	Sub-Total	1126.58	157.67	1858.10	58.60	1302.84
EASTERN REGION	Bihar	105.23	84.47	0.10	19.35	0.00
	Orissa	0.00	0.24	0.00	748.76	216.71
	West Bengal	217.83	0.00	1.31	0.00	5.59
	A. & N. Islands	0.00	0.00	0.91	0.00	0.00
	Sikkim	0.00	0.00	0.00	0.00	0.00
	Sub-Total	323.06	84.71	2.32	768.11	222.30
NORTH EASTERN REGION	Assam	426.06	0.00	0.00	0.00	370.01
	Manipur	0.00	0.00	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00	0.00	0.00
	Sub-Total	426.06	0.00	0.00	0.00	370.01
	Total (All India)	3414.65	244.24	3521.49	1100.00	2944.15

* Includes Gujarat Industries Power Company Ltd(GIPCL) under Misc. category

** Includes Andhra Pradesh Gas Power Stations under Misc. category.

Contd.

TABLE NO.28 (Contd.)
GROSS ELECTRICITY GENERATION BY SELECTED INDUSTRIES
REGIONWISE/STATEWISE DURING THE YEAR 1999-2000
(HAVING INSTALLED PLANT CAPACITY OF 1 MW & ABOVE)

		(GWH)				
Region	State/U. Ts	Plastic	Rubber	Sugar	Textile	Total
		23	24	25	26	27
		(3to26)				
NORTHERN REGION	Haryana	0.00	0.00	41.42	134.97	1094.93
	Himachal Pradesh	0.00	0.00	0.00	30.95	72.45
	Jammu & Kashmir	0.00	0.00	0.00	0.19	0.19
	Punjab	0.00	8.64	72.69	144.67	496.86
	Rajasthan	0.00	10.55	0.00	463.91	1841.03
	Uttar Pradesh	0.00	3.52	483.25	385.88	7676.17
	Chandigarh	0.00	0.00	0.00	0.00	0.46
	Delhi	0.00	0.00	0.00	0.00	0.62
	Sub-Total	0.00	22.71	597.36	1160.57	11182.71
WESTERN REGION	Gujarat	0.00	21.46	113.53	2139.71	8187.51
	Madhya Pradesh	0.00	0.00	17.12	540.14	5535.42
	Maharashtra	0.00	0.85	286.47	1081.17	3141.32
	Goa	0.00	22.25	0.00	0.00	145.86
	Daman & Diu	0.00	0.00	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00	43.20	51.10
	Sub-Total	0.00	44.56	417.12	3804.22	17061.21
SOUTHERN REGION	Andhra Pradesh	0.00	0.00	214.19	252.53	7467.87
	Karnataka	0.00	18.53	318.00	183.45	2689.98
	Kerala	0.00	1.19	0.00	15.86	438.77
	Tamil Nadu	0.00	18.94	332.54	470.34	3160.91
	Pondicherry	0.00	3.23	12.75	0.62	26.98
	Lakshadweep	0.00	0.00	0.00	0.00	0.00
	Sub-Total	0.00	41.89	877.48	922.80	13784.51
EASTERN REGION	Bihar	0.00	0.00	67.84	4.29	3500.80
	Orissa	0.00	0.00	8.86	22.08	7660.86
	West Bengal	0.00	0.00	0.00	68.43	1311.21
	A. & N. Islands	0.00	0.00	0.00	0.00	0.91
	Sikkim	0.00	0.00	0.00	0.00	0.00
	Sub-Total	0.00	0.00	76.70	94.80	12473.78
NORTH EASTERN REGION	Assam	0.00	0.00	0.00	1.61	894.95
	Manipur	0.00	0.00	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00	1.61	894.95
	Total (All India)	0.00	109.16	1968.66	5984.00	55397.16

TABLE NO.29
INDUSTRYWISE INSTALLED CAPACITY, ELECTRICITY GENERATION AND
CONSUMPTION IN SELECTED INDUSTRIES DURING 1999-2000.
(HAVING INSTALLED PLANT CAPACITY OF 1MW & ABOVE)

(KW)

Name of Industry	No. of Factories Covered	INSTALLED CAPACITY AS ON 31 03 2000						Total
		Hydro	Steam	Diesel	Gas	Wind		
1	2	3	4	5	6	7	8	
Aluminium (Primary)	5	0	1714200	0	0	0	1714200	
Aluminium (Secondary)	11	0	62000	15391	0	0	77391	
Automobiles	26	0	0	132164	60000	0	192164	
Cement (Primary)	101	0	389603	901353	33760	0	1324716	
Cement (Secondary)	9	0	0	48916	0	0	48916	
Chemicals	205	0	579882	548408	190472	49165	1367927	
Collieries	7	0	48700	145500	0	0	194200	
Electrical Engg.	68	0	20500	191869	10000	800	223169	
Fertilizer	50	0	792600	150335	359495	0	1302430	
Food Products	48	0	3255	88400	0	1457	93112	
Heavy Engineering	37	0	0	136752	0	0	136752	
Iron & Steel (Primary)	41	0	1564760	142218	20200	0	1727178	
Iron & Steel (Secondary)	44	21000	15000	176590	0	5900	218490	
Jute	57	0	4000	176818	0	0	180818	
Light Engineering	98	0	1577	294972	0	0	296549	
Mineral Oil & Petroleum	35	0	551000	75520	457772	0	1084292	
Mining & Quarrying	9	0	24000	45780	0	0	69780	
Miscellaneous	217	13500	91200	584436	333052	0	1022188	
Non-Ferrous	22	0	162300	217330	20000	0	399630	
Paper	71	0	569603	138927	0	750	709280	
Plastic	0	0	0	0	0	0	0	
Rubber	22	0	0	94168	0	0	94168	
Sugar	207	0	772298	107816	0	0	880114	
Textile	426	12300	309180	1323468	332140	1650	1978738	
Total	1816	46800	7675658	5737131	1816891	59722	15336202	

Note.- In certain States /category of Industries the figures of Installed plant capacity are inconsistent due to wrong reporting/not reporting at all by the Industry.

Contd..

TABLE NO.29 (Contd.)
INDUSTRYWISE INSTALLED CAPACITY, ELECTRICITY GENERATION AND
CONSUMPTION IN SELECTED INDUSTRIES DURING 1999-2000.
(HAVING INSTALLED PLANT CAPACITY OF 1MW & ABOVE)
(HAVING INSTALLED PLANT CAPACITY OF 1MW & ABOVE)

(GWH)

Name of Industry	ENERGY GENERATED					
	Hydro	Steam	Diesel	Gas	Wind	Total
	9	10	11	12	13	14
Aluminium (Primary)	0.00	12169.02	0.00	0.00	0.00	12169.02
Aluminium (Secondary)	0.00	296.52	12.62	0.00	0.00	309.14
Automobiles	0.00	0.00	107.19	276.60	0.00	383.79
Cement (Primary)	0.00	1214.25	2888.00	150.36	0.00	4252.61
Cement (Secondary)	0.00	0.00	82.86	0.00	0.00	82.86
Chemicals	0.00	1820.49	1536.34	1557.40	53.78	4968.01
Collieries	0.00	156.57	180.10	0.00	0.00	336.67
Electrical Engg.	0.00	49.12	233.16	50.00	1.59	333.87
Fertilizer	0.00	2523.73	297.55	1359.47	0.00	4180.75
Food Products	0.00	1.72	79.17	0.00	1.06	81.95
Heavy Engineering	0.00	0.00	43.46	0.00	0.00	43.46
Iron & Steel (Primary)	0.00	8110.54	115.38	194.88	0.00	8420.80
Iron & Steel (Secondary)	0.00	108.59	95.93	0.00	3.35	207.87
Jute	0.00	4.49	73.81	0.00	0.00	78.30
Light Engineering	0.00	0.62	261.09	0.00	0.00	261.71
Mineral Oil & Petroleum	0.00	1643.01	201.95	1569.69	0.00	3414.65
Mining & Quarrying	0.00	84.47	159.77	0.00	0.00	244.24
Miscellaneous	40.00	440.12	577.88	2463.49	0.00	3521.49
Non-Ferrous	0.00	856.05	233.87	10.08	0.00	1100.00
Paper	0.00	2621.14	321.45	0.00	1.56	2944.15
Plastic	0.00	0.00	0.00	0.00	0.00	0.00
Rubber	0.00	0.00	109.16	0.00	0.00	109.16
Sugar	0.00	1819.96	148.70	0.00	0.00	1968.66
Textile	58.36	893.49	2729.98	2300.04	2.13	5984.00
Total	98.36	34813.90	10489.42	9932.01	63.47	55397.16

Contd.

TABLE NO.29 (Contd.)
INDUSTRYWISE INSTALLED CAPACITY, ELECTRICITY GENERATION AND
CONSUMPTION IN SELECTED INDUSTRIES DURING 1999-2000.
(HAVING INSTALLED PLANT CAPACITY OF 1MW & ABOVE)

(GWH)

Name of Industry	Energy used in station auxiliaries	Net energy generation (14-15)	Energy sold to utilities
	15	16	17
Aluminium (Primary)	1238.73	10930.29	1076.16
Aluminium (Secondary)	30.07	279.07	0.00
Automobiles	10.54	373.25	93.00
Cement (Primary)	300.80	3951.81	0.00
Cement (Secondary)	3.50	79.36	0.00
Chemicals	348.40	4619.61	16.56
Collieries	29.49	307.18	0.00
Electrical Engg.	19.38	314.49	0.00
Fertilizer	290.47	3890.28	9.51
Food Products	3.01	78.94	0.00
Heavy Engineering	1.69	41.77	0.00
Iron & Steel (Primary)	1042.56	7378.24	453.18
Iron & Steel (Secondary)	7.98	199.89	0.00
Jute	3.56	74.74	0.00
Light Engineering	9.03	252.68	137.07
Mineral Oil & Petroleum	291.11	3123.54	30.01
Mining & Quarrying	17.25	226.99	0.00
Miscellaneous	107.78	3413.71	648.26
Non-Ferrous	86.30	1013.70	66.25
Paper	264.23	2679.92	0.00
Plastic	0.00	0.00	0.00
Rubber	4.51	104.65	0.00
Sugar	159.16	1809.50	241.05
Textile	240.88	5743.12	0.00
Total	4510.43	50886.73	2771.05

Note:- Total energy sold to utilities as given in column 10 i.e 2771.05 Gwh may not tally with the figures of energy purchased by S.E Bs/ deptts, which is 3499.12Gwh, due to in-sufficient data from captive plant.

contd.

TABLE NO.29 (Contd.)
INDUSTRYWISE INSTALLED CAPACITY, ELECTRICITY GENERATION AND
CONSUMPTION IN SELECTED INDUSTRIES DURING 1999-2000.
(HAVING INSTALLED PLANT CAPACITY OF 1MW & ABOVE)

Name of Industry	(GWH)		
	Energy used in the industry out of self generation(16-17)	Energy purchased from Utilities	Energy consumed in the industry (18+19)
	18	19	20
Aluminium (Primary)	9854.13	237.07	10091.20
Aluminium (Secondary)	279.07	153.24	432.31
Automobiles	280.25	556.55	836.80
Cement (Primary)	3951.81	3575.62	7527.43
Cement (Secondary)	79.36	243.10	322.46
Chemicals	4603.05	3015.69	7618.74
Collieries	307.18	629.57	936.75
Electrical Engg	314.49	613.73	928.22
Fertilizer	3880.77	2567.95	6448.72
Food Products	78.94	223.98	302.92
Heavy Engineering	41.77	810.27	852.04
Iron & Steel (Primary)	6925.06	4910.69	11835.75
Iron & Steel (Secondary)	199.89	520.01	719.90
Jute	74.74	544.85	619.59
Light Engineering	115.61	632.49	748.10
Mineral Oil & Petroleum	3093.53	286.92	3380.45
Mining & Quarrying	226.99	453.24	680.23
Miscellaneous	2765.45	518.90	3284.35
Non-Ferrous	947.45	1124.65	2072.10
Paper	2679.92	856.19	3536.11
Plastic	0.00	0.00	0.00
Rubber	104.65	380.13	484.78
Sugar	1568.45	307.44	1875.89
Textile	5743.12	4104.12	9847.24
Total	48115.68	27266.40	75382.08

TABLE NO.30
INSTALLED CAPACITY, ELECTRICITY, GENERATION AND CONSUMPTION
IN INDUSTRIES STATEWISE DURING 19990
(HAVING INSTALLED PLANT CAPACITY OF 1 MW & ABOVE)

Region State/U.Ts.	No. of Industries covered	INSTALLED CAPACITY (KW) AS ON 31.3.2000					
		Hydro	Steam	Diesel	Gas	Wind	Total
NORTHERN REGION							
Haryana	75	0	78650	315183	61250	0	455083
Himachal Pradesh	27	0	0	149494	0	0	149494
Jammu & Kashmir	1	0	0	3032	0	0	3032
Punjab	98	0	92027	216993	0	0	309020
Rajasthan	57	0	174000	343151	38000	0	555151
Uttar Pradesh	192	0	1088335	447489	197050	0	1732874
Chandigarh	2	0	0	5173	0	0	5173
Delhi	2	0	0	2600	0	0	2600
Sub-Total	454	0	1433012	1483115	296300	0	3212427
WESTERN REGION							
Gujarat	189	0	656690	477134	837696	17565	1989085
Madhya Pradesh	117	13500	750748	571636	57075	900	1393859
Maharashtra	141	0	299232	389783	205540	0	894555
Goa	8	0	11000	22655	0	0	33655
Daman & Diu	0	0	0	0	0	0	0
D. & N. Haveli	7	0	0	23340	0	0	23340
Sub-Total	462	13500	1717670	1484548	1100311	18465	4334494
SOUTHERN REGION							
Andhra Pradesh	181	6200	770018	678616	287620	4000	1746454
Karnataka	135	6100	387449	468514	0	0	862063
Kerala	46	21000	91890	83410	22800	0	219100
Tamilnadu	267	0	357545	650235	14660	37257	1059697
Pondicherry	14	0	4000	18613	900	0	23513
Lakshdweep	0	0	0	0	0	0	0
Sub-Total	643	33300	1610902	1899388	325980	41257	3910827
EASTERN REGION							
Bihar	73	0	917854	294747	2500	0	1215101
Orissa	38	0	1433740	159690	0	0	1593430
West Bengal	129	0	418180	376585	0	0	794765
A. & N. Islands	1	0	0	1308	0	0	1308
Sikkim	0	0	0	0	0	0	0
Sub-Total	241	0	2769774	832330	2500	0	3604604
NORTH EASTERN REGION							
Assam	15	0	136300	37750	91800	0	265850
Manipur	0	0	0	0	0	0	0
Meghalaya	0	0	0	0	0	0	0
Nagaland	1	0	8000	0	0	0	8000
Tripura	0	0	0	0	0	0	0
Arunachal Pradesh	0	0	0	0	0	0	0
Mizoram	0	0	0	0	0	0	0
Sub-Total	16	0	144300	37750	91800	0	273850
Total (All India)	1816	46800	7675658	5737131	1816891	59722	15336202

Note:- In certain States /category of Industries the figures of Installed plant capacity are inconsistent due to wrong reporting/not reporting at all by the Industry.

Contd.

TABLE NO.30 (Contd.)
INSTALLED CAPACITY, ELECTRICITY, GENERATION AND CONSUMPTION
IN INDUSTRIES STATEWISE DURING 19990
(HAVING INSTALLED PLANT CAPACITY OF 1 MW & ABOVE)

(GWH)

State/U.Ts.	ENERGY		GENERATION			Total	Energy used in station auxiliaries
	Hydro	Steam	Diesel	Gas	Wind		
1	2	3	4	5	6	7	8
NORTHERN REGION							
Haryana	0.00	335.85	482.48	276.60	0.00	1094.93	60.69
Himachal Pradesh	0.00	0.00	72.45	0.00	0.00	72.45	3.29
Jammu & Kashmir	0.00	0.00	0.19	0.00	0.00	0.19	0.01
Punjab	0.00	262.49	234.37	0.00	0.00	496.86	18.99
Rajasthan	0.00	857.05	850.97	133.01	0.00	1841.03	127.99
Uttar Pradesh	0.00	6388.81	610.21	677.15	0.00	7676.17	685.19
Chandigarh	0.00	0.00	0.46	0.00	0.00	0.46	0.02
Delhi	0.00	0.00	0.62	0.00	0.00	0.62	0.00
Sub-Total	0.00	7844.20	2251.75	1086.76	0.00	11182.71	896.18
WESTERN REGION							
Gujarat	0.00	2034.81	927.94	5223.88	0.88	8187.51	439.40
Madhya Pradesh	40.00	3500.49	1836.82	157.42	0.69	5535.42	544.84
Maharashtra	0.00	1193.96	708.73	1238.63	0.00	3141.32	166.01
Goa	0.00	60.00	85.86	0.00	0.00	145.86	8.04
Daman & Diu	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D & N. Haveli	0.00	0.00	51.10	0.00	0.00	51.10	2.04
Sub-Total	40.00	6789.26	3610.45	6619.93	1.57	17061.21	1160.33
SOUTHERN REGION							
Andhra Pradesh	29.72	4155.91	1470.50	1806.50	5.24	7467.87	651.83
Karnataka	28.64	1575.48	1085.86	0.00	0.00	2689.98	200.14
Kerala	0.00	238.56	40.21	160.00	0.00	438.77	44.02
Tamil Nadu	0.00	1784.51	1251.26	68.48	56.66	3160.91	238.65
Pondicherry	0.00	12.71	13.77	0.50	0.00	26.98	1.75
Lakshdweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-Total	58.36	7767.17	3861.60	2035.48	61.90	13784.51	1136.39
EASTERN REGION							
Bihar	0.00	3325.92	174.88	0.00	0.00	3500.80	371.58
Orissa	0.00	7388.55	272.31	0.00	0.00	7660.86	755.37
West Bengal	0.00	1077.26	233.95	0.00	0.00	1311.21	123.70
A & N Islands	0.00	0.00	0.91	0.00	0.00	0.91	0.00
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-Total	0.00	11791.73	682.05	0.00	0.00	12473.78	1250.65
NORTH EASTERN REGION							
Assam	0.00	621.54	83.57	189.84	0.00	894.95	66.88
Manipur	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tripura	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mizoram	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-Total	0.00	621.54	83.57	189.84	0.00	894.95	66.88
Total (All India)	98.36	34813.90	10489.42	9932.01	63.47	55397.16	4510.43

(Contd.)

TABLE NO.30 (Contd.)
INSTALLED CAPACITY, ELECTRICITY, GENERATION AND CONSUMPTION
IN INDUSTRIES STATEWISE DURING 1990
(HAVING INSTALLED PLANT CAPACITY OF 1 MW & ABOVE)

(GWH)

State/U.Ts.	Net generatio (7-8)	Energy sold to Utilities	Energy used out of self Generation (9-10)	Energy pur- chased from Utilities	Energy con- sumption in Utilities (11+12)
	9	10	11	12	13
NORTHERN REGION					
Haryana	1034.24	176.50	857.74	231.30	1089.04
Himachal Pradesh	69.16	0.00	69.16	597.19	666.35
Jammu & Kashmir	0.18	0.00	0.18	42.00	42.18
Punjab	477.87	20.35	457.52	1312.53	1770.05
Rajasthan	1713.04	0.00	1713.04	1602.81	3315.85
Uttar Pradesh	6990.98	272.39	6718.59	1935.99	8654.58
Chandigarh	0.44	0.00	0.44	7.88	8.32
Delhi	0.62	0.00	0.62	6.04	6.66
Sub-Total	10286.53	469.24	9817.29	5735.74	15553.03
WESTERN REGION					
Gujarat	7748.11	468.06	7280.05	3433.27	10713.32
Madhya Pradesh	4990.58	330.58	4660.00	2805.54	7465.54
Maharashtra	2975.31	35.78	2939.53	3091.83	6031.36
Goa	137.82	0.00	137.82	42.99	180.81
Daman & Diu	0.00	0.00	0.00	0.00	0.00
D.& N. Haveli	49.06	0.00	49.06	138.39	187.45
Sub-Total	15900.88	834.42	15066.46	9512.02	24578.48
SOUTHERN REGION					
Andhra Pradesh	6816.04	442.32	6373.72	2922.99	9296.71
Karnataka	2489.84	134.12	2355.72	1318.10	3673.82
Kerala	394.75	0.00	394.75	949.12	1343.87
Tamil Nadu	2922.26	246.73	2675.53	2515.21	5190.74
Pondicherry	25.23	0.00	25.23	83.56	108.79
Lakshdweep	0.00	0.00	0.00	0.00	0.00
Sub-Total	12648.12	823.17	11824.95	7788.98	19613.93
EASTERN REGION					
Bihar	3129.22	0.00	3129.22	1876.07	5005.29
Orissa	6905.49	644.22	6261.27	676.73	6938.00
West Bengal	1187.51	0.00	1187.51	1470.55	2658.06
A.& N. Islands	0.91	0.00	0.91	2.00	2.91
Sikkim	0.00	0.00	0.00	0.00	0.00
Sub-Total	11223.13	644.22	10578.91	4025.35	14604.26
NORTH EASTERN REGION					
Assam	828.07	0.00	828.07	203.67	1031.74
Manipur	0.00	0.00	0.00	0.00	0.00
Meghalaya	0.00	0.00	0.00	0.00	0.00
Nagaland	0.00	0.00	0.00	0.64	0.64
Tripura	0.00	0.00	0.00	0.00	0.00
Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00
Mizoram	0.00	0.00	0.00	0.00	0.00
Sub-Total	828.07	0.00	828.07	204.31	1032.38
Total (All India)	50886.73	2771.05	48115.68	27266.40	75382.08

Note:- Total energy sold to utilities as given in column 10 i.e 2771.05 Gwh may not tally with the figures of energy purchased by S.E.Bs/ depts, which is 3499.12Gwh, due to in-sufficient data from captive plant.

TABLE NO.31
ENERGY CONSUMPTION BY SELECTED INDUSTRIES
REGIONWISE/STATEWISE DURING THE YEAR 1999-2000
(HAVING INSTALLED PLANT CAPACITY OF 1 MW & ABOVE)

		(GWH)		
Region	State/U.Ts.	Aluminium (Primary)	Aluminium (Secondary)	Automobiles
(1)	(2)	(3)	(4)	(5)
NORTHERN REGION	Haryana	0.00	0.00	141.28
	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00
	Punjab	0.00	0.00	11.97
	Rajasthan	0.00	0.00	0.00
	Uttar Pradesh	4191.98	0.00	86.25
	Chandigarh	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00
Sub-Total		4150.65	0.00	239.50
WESTERN REGION	Gujarat	0.00	0.00	0.00
	Madhya Pradesh	1440.49	0.00	23.53
	Maharashtra	0.00	0.00	383.36
	Goa	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	D. & N. Haveli	0.00	9.75	0.00
Sub-Total		1440.49	9.75	406.89
SOUTHERN REGION	Andhra Pradesh	0.00	17.49	24.44
	Karnataka	0.00	6.01	40.39
	Kerala	0.00	0.00	0.00
	Tamil Nadu	530.29	0.00	76.38
	Pondicherry	0.00	0.00	0.00
	Lakshadweep	0.00	0.00	0.00
Sub-Total		530.29	23.50	141.21
EASTERN REGION	Bihar	0.00	28.22	0.00
	Orissa	3969.77	297.10	0.00
	West Bengal	0.00	73.74	49.20
	A. & N. Islands	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00
Sub-Total		3969.77	399.06	49.20
NORTH- EASTERN REGION	Assam	0.00	0.00	0.00
	Manipur	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00
Sub-Total		0.00	0.00	0.00
Total (All India)		10091.20	432.31	836.80

Contd.

TABLE NO.31(Contd.)
ENERGY CONSUMPTION BY SELECTED INDUSTRIES
REGIONWISE/STATEWISE DURING THE YEAR 1999-2000
(HAVING INSTALLED PLANT CAPACITY OF 1 MW & ABOVE)

(GWH)

Region	State/U.Ts.	Cement	Cement	Chemicals	Collieries
		(Primary)	Secondary)		
		(6)	(7)	(8)	(9)
NORTHERN REGION	Haryana	1.10	8.46	9.36	0.00
	Himachal Pradesh	399.47	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00	0.00
	Punjab	0.00	0.00	41.04	0.00
	Rajasthan	1346.45	0.00	232.23	0.00
	Uttar Pradesh	20.43	0.00	131.93	0.00
	Chandigarh	0.00	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00	0.00
	Sub-Total	1767.45	8.46	414.56	0.00
WESTERN REGION	Gujarat	790.53	10.64	2924.85	0.00
	Madhya Pradesh	2083.42	145.37	561.72	0.00
	Maharashtra	230.40	0.00	1183.00	0.00
	Goa	0.00	0.00	90.07	0.00
	Daman & Diu	0.00	0.00	0.00	0.00
	D. & N. Hayeli	0.00	0.00	0.00	0.00
	Sub-Total	3104.35	156.01	4759.64	0.00
SOUTHERN REGION	Andhra Pradesh	1295.48	14.36	1172.94	689.50
	Karnataka	710.29	6.06	193.38	0.00
	Kerala	51.67	0.00	126.52	0.00
	Tamil Nadu	429.42	0.00	693.25	0.00
	Pondicherry	0.00	0.00	0.00	0.00
	Lakshadweep	0.00	0.00	0.00	0.00
	Sub-Total	2486.86	20.42	2186.09	689.50
EASTERN REGION	Bihar	144.86	0.00	184.20	107.75
	Orissa	0.00	137.57	0.00	0.00
	West Bengal	0.00	0.00	74.25	123.33
	A. & N. Islands	0.00	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00	0.00
	Sub-Total	144.86	137.57	258.45	231.08
NORTH EASTERN REGION	Assam	23.91	0.00	0.00	16.17
	Manipur	0.00	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00	0.00
	Sub-Total	23.91	0.00	0.00	16.17
	Total (All India)	7527.43	322.46	7618.74	936.75

Contd.

TABLE NO.31 (Contd.)
ENERGY CONSUMPTION BY SELECTED INDUSTRIES
REGIONWISE/STATEWISE DURING THE YEAR 1999-2000
(HAVING INSTALLED PLANT CAPACITY OF 1 MW & ABOVE)

		(GWH)			
Region	State/U.Ts.	Electrical Engineering	Ferti- lizer	Food Products	Heavy Engineering
		(10)	(11)	(12)	(13)
NORTHERN REGION	Haryana	65.74	149.42	15.20	10.93
	Himachal Pradesh	0.00	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00	0.00
	Punjab	37.58	350.62	94.43	22.21
	Rajasthan	33.03	699.87	0.00	6.48
	Uttar Pradesh	212.76	1854.91	39.07	45.09
	Chandigarh	0.00	0.00	0.00	0.00
	Delhi	0.00	0.00	6.66	0.00
Sub-Total		349.11	3054.82	155.36	84.71
WESTERN REGION	Gujarat	65.17	1200.04	6.02	0.00
	Madhya Pradesh	108.28	156.16	0.00	6.35
	Maharashtra	34.36	714.47	9.03	243.66
	Goa	0.00	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00	0.00
	Sub-Total		207.81	2070.67	15.05	250.01
SOUTHERN REGION	Andhra Pradesh	245.24	280.16	16.49	15.15
	Karnataka	48.01	199.74	38.29	177.52
	Kerala	23.77	262.01	0.00	0.00
	Tamil Nadu	35.50	171.68	33.99	118.17
	Pondicherry	0.00	0.00	0.00	0.00
	Lakshadweep	0.00	0.00	0.00	0.00
Sub-Total		352.52	913.59	88.77	310.84
EASTERN REGION	Bihar	1.18	192.25	0.00	94.86
	Orissa	3.92	103.56	0.00	48.95
	West Bengal	13.68	15.43	43.74	62.67
	A. & N. Islands	0.00	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00	0.00
Sub-Total		18.78	311.24	43.74	206.48
NORTH EASTERN REGION	Assam	0.00	98.40	0.00	0.00
	Manipur	0.00	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00	0.00
Sub-Total		0.00	98.40	0.00	0.00
Total (All India)		928.22	6448.72	302.92	852.04

Contd.

TABLE NO.31 (Contd.)
ENERGY CONSUMPTION BY SELECTED INDUSTRIES
REGIONWISE/STATEWISE DURING THE YEAR 1999-2000
(HAVING INSTALLED PLANT CAPACITY OF 1 MW & ABOVE)

Region	State/U.Ts.	(GWH)			
		Iron & Steel (Primary) (14)	Iron & Steel (Secondary) (15)	Jute (16)	Light Engineering (17)
NORTHERN REGION	Haryana	41.31	26.47	0.00	34.73
	Himachal Pradesh	0.00	0.00	0.00	19.64
	Jammu & Kashmir	0.00	0.00	0.00	0.00
	Punjab	153.22	0.00	0.00	74.39
	Rajasthan	10.62	0.00	0.00	0.00
	Uttar Pradesh	2.79	25.82	22.88	48.54
	Chandigarh	0.00	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00	0.00
	Sub-Total	207.94	52.29	22.88	177.30
WESTERN REGION	Gujarat	1638.74	0.00	0.00	1.66
	Madhya Pradesh	1777.56	32.45	0.00	8.74
	Maharashtra	162.68	205.55	0.00	187.11
	Goa	31.21	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00	0.00
		Sub-Total	3610.19	238.00	0.00	197.51
SOUTHERN REGION	Andhra Pradesh	1749.13	47.82	31.90	30.74
	Karnataka	72.53	97.02	0.00	119.88
	Kerala	0.00	72.11	0.00	13.91
	Tamil Nadu	40.10	105.39	0.00	180.02
	Pondicherry	0.00	0.00	0.00	0.00
	Lakshadweep	0.00	0.00	0.00	0.00
	Sub-Total	1861.76	322.34	31.90	344.55
EASTERN REGION	Bihar	3878.29	73.64	0.00	0.00
	Orissa	1159.83	0.84	0.00	0.00
	West Bengal	1117.74	32.79	564.81	28.74
	A. & N. Islands	0.00	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00	0.00
	Sub-Total	6155.86	107.27	564.81	28.74
NORTH EASTERN REGION	Assam	0.00	0.00	0.00	0.00
	Manipur	0.00	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00	0.00
	Total (All India)	11835.75	719.90	619.59	748.10

Contd.

TABLE NO.31 (Contd.)
ENERGY CONSUMPTION BY SELECTED INDUSTRIES
REGIONWISE/STATEWISE DURING THE YEAR 1999-2000
(HAVING INSTALLED PLANT CAPACITY OF 1 MW & ABOVE)

Region	State/U.Ts.	(GWH)				
		Mineral Oil & Petroleum (18)	Mining & Quarrying (19)	Miscellaneous (20)	Non-Ferrous (21)	Paper (22)
NORTHERN REGION	Haryana	0.00	0.00	223.57	0.00	142.01
	Himachal Pradesh	0.00	0.00	37.89	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00	0.00	0.00
	Punjab	0.00	0.00	43.75	0.00	85.14
	Rajasthan	0.00	0.00	53.28	255.15	10.87
	Uttar Pradesh	227.32	0.00	234.79	0.00	353.66
	Chandigarh	0.00	0.00	8.32	0.00	0.00
	Delhi	0.00	0.00	0.00	0.00	0.00
	Sub-Total	227.32	0.00	601.60	255.15	591.68
WESTERN REGION	Gujarat	866.94	5.41	154.75	242.05	79.54
	Madhya Pradesh	43.08	0.00	158.20	112.52	191.99
	Maharashtra	404.35	0.00	182.51	0.00	304.59
	Goa	0.00	0.00	21.64	0.00	0.00
	Daman & Diu	0.00	0.00	0.00	0.00	0.00
	D & N Haveli	0.00	0.00	6.73	0.00	0.00
	Sub-Total	1314.37	5.41	523.83	354.57	576.12
SOUTHERN REGION	Andhra Pradesh	188.86	0.00	1747.41	377.78	510.85
	Karnataka	336.61	598.56	167.41	46.40	377.53
	Kerala	182.17	0.00	38.46	131.19	213.40
	Tamil Nadu	310.57	0.00	123.32	0.00	550.67
	Pondicherry	0.00	0.00	51.58	0.00	0.00
	Lakshadweep	0.00	0.00	0.00	0.00	0.00
	Sub-Total	1018.21	598.56	2128.18	555.37	1652.45
EASTERN REGION	Bihar	89.17	76.02	5.56	63.41	0.00
	Orissa	0.00	0.24	0.00	843.60	327.58
	West Bengal	215.09	0.00	22.27	0.00	16.38
	A & N Islands	0.00	0.00	2.91	0.00	0.00
	Sikkim	0.00	0.00	0.00	0.00	0.00
	Sub-Total	304.26	76.26	30.74	907.01	343.96
NORTH EASTERN REGION	Assam	516.29	0.00	0.00	0.00	371.26
	Manipur	0.00	0.00	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00	0.00	0.64
	Tripura	0.00	0.00	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00	0.00	0.00
	Sub-Total	516.29	0.00	0.00	0.00	371.90
	Total (All India)	3380.45	680.23	3284.35	2072.10	3536.11

Contd..

TABLE NO.31 (Contd.)
ENERGY CONSUMPTION BY SELECTED INDUSTRIES
REGIONWISE/STATEWISE DURING THE YEAR 1999-2000
(HAVING INSTALLED PLANT CAPACITY OF 1 MW & ABOVE)

Region	State/U.Ts.						(GWH)
		Plastic	Rubber	Suger	Textile	Total	
		(23)	(24)	(25)	(26)	(27)	
NORTHERN REGION	Haryana	0.00	0.00	43.61	175.85	1089.04	
	Himachal Pradesh	0.00	0.00	0.00	209.35	666.35	
	Jammu & Kashmir	0.00	0.00	0.00	42.18	42.18	
	Punjab	0.00	47.60	92.69	715.41	1770.05	
	Rajasthan	0.00	58.25	0.00	609.62	3315.85	
	Uttar Pradesh	0.00	11.65	414.93	771.11	8695.91	
	Chandigarh	0.00	0.00	0.00	0.00	8.32	
	Delhi	0.00	0.00	0.00	0.00	6.66	
	Sub-Total	0.00	117.50	551.23	2523.52	15553.03	
WESTERN REGION	Gujarat	0.00	48.48	114.61	2563.89	10713.32	
	Madhya Pradesh	0.00	0.00	18.83	596.85	7465.54	
	Maharashtra	0.00	90.00	297.77	1398.52	6031.36	
	Goa	0.00	37.89	0.00	0.00	180.81	
	Daman & Diu	0.00	0.00	0.00	0.00	0.00	
	D. & N. Haveli	0.00	0.00	0.00	170.97	187.45	
	Sub-Total	0.00	176.37	431.21	4730.23	24578.48	
SOUTHERN REGION	Andhra Pradesh	0.00	0.00	336.49	504.48	9296.71	
	Karnataka	0.00	38.62	165.87	233.70	3673.82	
	Kerala	0.00	88.95	0.00	139.71	1343.87	
	Tamil Nadu	0.00	58.32	305.08	1428.59	5190.74	
	Pondicherry	0.00	5.02	14.83	37.36	108.79	
	Lakshadweep	0.00	0.00	0.00	0.00	0.00	
	Sub-Total	0.00	190.91	822.27	2343.84	19613.93	
EASTERN REGION	Bihar	0.00	0.00	61.67	4.21	5005.29	
	Orissa	0.00	0.00	9.51	35.53	6938.00	
	West Bengal	0.00	0.00	0.00	204.20	2658.06	
	A. & N. Islands	0.00	0.00	0.00	0.00	2.91	
	Sikkim	0.00	0.00	0.00	0.00	0.00	
	Sub-Total	0.00	0.00	71.18	243.94	14604.26	
NORTH- EASTERN REGION	Assam	0.00	0.00	0.00	5.71	1031.74	
	Manipur	0.00	0.00	0.00	0.00	0.00	
	Meghalaya	0.00	0.00	0.00	0.00	0.00	
	Nagaland	0.00	0.00	0.00	0.00	0.64	
	Tripura	0.00	0.00	0.00	0.00	0.00	
	Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00	
	Mizoram	0.00	0.00	0.00	0.00	0.00	
		Sub-Total	0.00	0.00	0.00	5.71	1032.38
	Total (All India)	0.00	484.78	1875.89	9847.24	75382.08	

TABLE NO.32
CLASSIFICATION OF CAPTIVE PLANTS OF INDUSTRIES
CAPACITYWISE DURING 1999-2000.
(HAVING INSTALLED PLANT CAPACITY OF 1 MW & ABOVE)

Range of Installed capacity (MW)	No. of generating Industries	Installed capacity of the group		Gross Energy Generation by group	
		Aggregate (MW)	% of Total Capacity	Aggregate (GWH)	% of Total Generation
1.00 MW & Upto 10.00 MW	1537	4477.11	29.19	7548.33	13.62
Over 10.00 MW & Upto 20.00 MW	120	1742.55	11.36	4978.93	8.99
Over 20.00 MW & Upto 30.00 MW	72	1784.74	11.64	5105.51	9.22
Over 30.00 MW & Upto 40.00 MW	30	1047.08	6.83	4191.67	7.57
Over 40.00 MW & Upto 50.00 MW	17	790.37	5.15	3059.16	5.52
Over 50.00 MW & Upto 100.00 MW	22	1493.15	9.74	7189.93	12.98
Over 100.00 MW	18	4001.20	26.09	23323.63	42.10
Total	1816	15336.20	100.00	55397.16	100.00

TABLE NO.33
PROGRESS OF INSTALLED PLANT CAPACITY OF SELF-GENERATING INDUSTRIES
(1MW & ABOVE IN MW)

Year Ending	HYDRO	STEAM	DIESEL	GAS	TOTAL	RAILWAYS	G.TOTAL
Dec-48	0.00	0.00	0.00	0.00	409.52	0.00	409.52
Dec-49	0.00	0.00	0.00	0.00	544.40	0.00	544.40
Dec-50	0.00	0.00	0.00	0.00	587.85	0.00	587.85
Dec-51	0.00	0.00	0.00	0.00	627.98	0.00	627.85
Dec-52	0.00	0.00	0.00	0.00	670.16	0.00	670.16
Dec-53	0.00	0.00	0.00	0.00	663.53	0.00	663.53
Dec-54	0.00	0.00	0.00	0.00	685.31	0.00	685.31
Dec-55	0.00	0.00	0.00	0.00	723.51	0.00	723.51
Dec-56	0.00	0.00	0.00	0.00	759.65	0.00	759.65
31.03.58	0.00	0.00	0.00	0.00	769.44	0.00	769.44
31.03.59	0.00	0.00	0.00	0.00	812.42	0.00	812.42
31.03.60	0.00	0.00	0.00	0.00	935.37	0.00	935.37
31.03.61	0.00	0.00	0.00	0.00	1001.37	0.00	1001.37
31.03.62	0.00	0.00	0.00	0.00	1011.79	0.00	1011.79
31.03.63	0.00	0.00	0.00	0.00	1124.10	0.00	1124.10
31.03.64	0.00	0.00	0.00	0.00	986.96	0.00	986.96
31.03.65	0.00	0.00	0.00	0.00	996.26	65.13	1061.39
31.03.66	0.00	0.00	0.00	0.00	1082.36	63.64	1146.00
31.03.67	0.00	0.00	0.00	0.00	1219.89	64.03	1283.92
31.03.68	0.00	0.00	0.00	0.00	1207.64	62.05	1269.69
31.03.69	0.00	0.00	0.00	0.00	1277.47	61.93	1339.40
31.03.70	0.00	0.00	0.00	0.00	1372.29	45.14	1417.43
31.03.71	0.00	0.00	0.00	0.00	1516.87	45.14	1562.01
31.03.72	0.00	0.00	0.00	0.00	1576.79	58.53	1635.32
31.03.73	0.00	0.00	0.00	0.00	1652.77	55.56	1708.33
31.03.74	0.00	0.00	0.00	0.00	1732.70	59.81	1792.51
31.03.75	0.00	0.00	0.00	0.00	1964.30	64.27	2028.57
31.03.76	0.00	0.00	0.00	0.00	2070.89	60.63	2131.52
31.03.77	2.56	1783.66	423.47	15.37	2225.06	61.84	2286.90
31.03.78	2.56	1879.12	517.84	44.27	2443.79	62.37	2506.16
31.03.79	2.61	1949.23	559.17	44.27	2555.28	62.31	2617.59
31.03.80	2.61	2021.61	720.58	54.27	2799.07	60.44	2859.51
31.03.81	2.61	2116.55	867.70	54.27	3041.13	61.24	3102.37
31.03.82	2.60	2263.67	1060.43	48.90	3375.60	60.51	3436.11
31.03.83	2.60	2442.38	1306.84	54.27	3806.09	65.57	3871.66
31.03.84	2.61	2633.02	1602.49	60.05	4298.17	68.53	4366.70
31.03.85	2.91	2803.18	2077.06	155.31	5038.46	81.80	5120.26
31.03.86	2.66	2881.62	2378.39	156.46	5419.13	84.97	5604.10
31.03.87	3.60	3328.69	2090.39	205.86	5628.54	86.00	5714.54
31.03.88	3.60	3732.23	2277.77	242.51	6256.11	88.53	6344.64
31.03.89	3.60	4515.85	2581.33	319.11	7419.89	103.60	7523.49
31.03.90	3.60	4822.85	2754.48	425.51	8006.44	109.29	8115.73
31.03.91	3.60	4991.07	3031.67	475.25	8501.59	110.76	8612.35
31.03.92	4.30	5377.10	3291.06	495.72	9168.18	133.23	9301.41
31.03.93	4.30	5540.74	3728.66	630.81	9904.51	140.03	10044.54
31.03.94	4.30	5792.99	4003.51	773.89	10574.69	147.44	10722.13
31.03.95	4.30	6010.47	4193.53	807.74	11016.04	148.01	11164.05
31.03.96	3.50	6305.30	4364.77	955.41	11628.98	158.17	11787.15
31.03.97	3.50	6151.69	4594.74	1166.38	11916.31	162.62	12078.93
31.03.98	20.75	6628.87	5023.87	1330.44	13003.93	162.35	13166.28
31.03.99	23.69	6799.08	5432.94	1676.06	13931.77	159.42	14091.19
31.3.2000	46.80	7675.66	5796.85	1816.89	15336.20	0.00	15336.20

*:-Includes Wind

TABLE NO.34

PROGRESS OF ENERGY GENERATED BY SELF-GENERATING INDUSTRIES (1MW & ABOVE IN MW)

YEAR	HYDRO	STEAM	DIESEL	GAS	TOTAL	RAILWAYS	(IN GWH)
							G.TOTAL
1948	0.00	0.00	0.00	0.00	1150.05	0.00	1150.05
1949	0.00	0.00	0.00	0.00	1299.56	0.00	1299.56
1950	0.00	0.00	0.00	0.00	1467.81	0.00	1467.81
1951	0.00	0.00	0.00	0.00	1655.57	0.00	1655.57
1952	0.00	0.00	0.00	0.00	1883.58	0.00	1883.58
1953	0.00	0.00	0.00	0.00	1983.91	0.00	1983.91
1954	0.00	0.00	0.00	0.00	2054.64	0.00	2054.64
1955	0.00	0.00	0.00	0.00	2184.82	0.00	2184.82
1956	0.00	0.00	0.00	0.00	2209.51	0.00	2209.51
1957-58	0.00	0.00	0.00	0.00	2288.29	0.00	2288.29
1958-59	0.00	0.00	0.00	0.00	2420.68	0.00	2420.68
1959-60	0.00	0.00	0.00	0.00	2760.88	0.00	2760.88
1960-61	0.00	0.00	0.00	0.00	3186.10	0.00	3186.10
1961-62	0.00	0.00	0.00	0.00	3287.21	0.00	3287.21
1962-63	0.00	0.00	0.00	0.00	3862.30	0.00	3862.30
1963-64	0.00	0.00	0.00	0.00	3394.20	0.00	3394.20
1964-65	0.00	0.00	0.00	0.00	3465.52	104.80	3570.32
1965-66	0.00	0.00	0.00	0.00	3733.19	101.94	3835.13
1966-67	0.00	0.00	0.00	0.00	4048.18	88.42	4136.60
1967-68	0.00	0.00	0.00	0.00	4038.61	81.59	4120.20
1968-69	0.00	0.00	0.00	0.00	4136.06	72.08	4208.14
1969-70	0.00	0.00	0.00	0.00	4518.06	36.65	4554.71
1970-71	0.00	0.00	0.00	0.00	5347.24	36.65	5383.89
1971-72	0.00	0.00	0.00	0.00	5415.72	43.00	5458.72
1972-73	0.00	0.00	0.00	0.00	5931.75	37.85	5969.60
1973-74	0.00	0.00	0.00	0.00	6067.47	39.63	6107.10
1974-75	7.28	6158.53	269.91	15.93	6451.65	36.30	6487.95
1975-76	8.92	6385.14	232.68	30.38	6657.12	38.18	6695.30
1976-77	8.10	6897.70	294.79	39.75	7240.34	41.16	7281.50
1977-78	11.75	7087.28	382.56	38.14	7519.73	38.83	7558.56
1978-79	13.22	7211.30	299.13	48.97	7572.62	34.47	7607.09
1979-80	15.06	7225.60	825.71	90.67	8157.04	35.67	8192.71
1980-81	15.06	7202.77	1053.98	101.82	8373.63	42.42	8416.05
1981-82	18.24	7737.33	1129.15	94.24	8978.96	44.73	9023.69
1982-83	10.00	8497.05	1406.27	75.68	9989.00	46.71	10035.71
1983-84	18.27	8927.59	1731.54	91.62	10769.02	47.62	10816.64

*:-Includes Wind

Contd.

TABLE NO.34 (Contd.)

PROGRESS OF ENERGY GENERATED BY SELF-GENERATING INDUSTRIES (1MW & ABOVE IN MW)

YEAR	HYDRO	STEAM	DIESEL	GAS	TOTAL	RAILWAYS	G.TOTAL
1984-85	18.29	9966.55	2001.18	317.03	12303.05	42.80	12345.85
1985-86	18.29	10226.83	2350.92	401.31	12997.35	42.97	13040.32
1986-87	18.09	10910.02	2258.28	341.79	13528.18	36.60	13564.78
1987-88	18.09	13737.16	2595.97	504.22	16855.44	35.10	16890.54
1988-89	16.45	16314.23	2686.13	864.13	19880.94	30.51	19911.45
1989-90	15.83	19110.46	2757.27	1313.29	23196.85	29.07	23225.92
1990-91	14.89	20005.67	3216.27	1844.98	25081.81	28.82	25110.63
1991-92	17.57	23409.35	3247.81	1905.24	28579.97	22.52	28602.49
1992-93	16.54	24679.89	3828.01	2803.31	31327.75	23.76	31351.51
1993-94	14.89	25413.58	3684.64	3149.48	32262.59	22.45	32285.04
1994-95	14.89	27387.92	4234.01	3407.04	35043.86	22.70	35066.56
1995-96	17.39	28751.69	4796.89	4576.25	38142.22	23.85	38166.07
1996-97	28.84	29127.94	6619.01	5039.22	40815.01	25.07	40840.08
1997-98	78.84	30683.70	7512.43	5775.66	44050.63	26.96	44077.59
1998-99	80.38	31198.19	8202.80	8871.96	48353.33	26.20	48379.53
1999-2000	98.36	34813.90	10552.89	9932.01	55397.16	0.00	15336.20

*:-Includes Wind

SECTION V

Electric Power Supply & System Losses

SECTION -V

ELECTRIC POWER SUPPLY AND SYSTEM LOSSES

During the year 1999-2000 gross electricity generation was 481055.19 GWH, out of which 32889.00 GWH representing 6.84% of gross generation was consumed in power station auxiliaries. Thus net generation available at the bus-bar was 448166.19 GWH. Electricity purchased by public Utilities from captive plants was 3499.12 GWH and electricity imported from Nepal & Bhutan was 1540.08 GWH. Thus the total electricity available for supply during the year was 453205.39 GWH as compared to 421488.18 GWH during the year 1998-99.

Electricity sold to various classes of consumers during the year 1999-2000 was 312841.08 GWH and electricity exported outside the country i.e. to Nepal and Bhutan was 200.82 GWH. The electricity lost in transformation, transmission and distribution system and electricity unaccounted worked out to 140163.49 GWH representing 30.93 % of the total available electricity. Amongst all the regions percentage system losses were maximum in North- Eastern Region i.e. 40.31%. This was followed by Northern Region with 35.01%, Western Region with 28.90%, Southern Region with 28.72% and Eastern Region with 25.06% losses.

The various tables in this Section represent the Regionwise, Statewise and Boardwise, Transmission & Distribution losses, transfer of electricity between different systems and electricity consumed in power auxiliaries.

TABLE NO.35
ELECTRICITY GENERATED, PURCHASE, SOLD AND ENERGY
LOSSES (ALL INDIA UTILITIES) DURING 1999-2000

Sl.No.	Item	Energy (GWH)	% age of 1
1.	Energy generated (gross) (Utilities)	481055.19	100.00
2.	Energy used in power station auxiliaries	32889.00	6.84
3.	Energy generated (Net) at bus-bar i.e. (1) -(2)	448166.19	93.16
			%age of item 6
4.	Energy purchased from Non-Utilities	3499.12	0.77
5.	Energy imported from other countries (Nepal & Bhutan)	1540.08	0.34
6.	Energy available for supply i.e. (3)+(4)+(5)	453205.39	100.00
7.	Energy sold to ultimate consumers	312841.08	69.03
8.	Energy sold to other countries (Nepal & Bhutan)	200.82	0.04
9.	Total energy sold i.e. (7)+(8)	313041.90	69.07
10.	Energy lost in transformation, transmission and distribution and unaccounted for i.e. (6)-(9)	140163.49	30.93

**TABLE NO.36
ENERGY LOST IN TRANSMISSION AND DISTRIBUTION SYSTEM
REGIONWISE - DURING 1999-2000**

(GWH)

	Northern Region	Western Region	Southern Region	Eastern Region	North Eastern Region
I. ENERGY GENERATED (NET)	130715.45	147785.92	115085.45	49881.56	4697.81
II. ENERGY PURCHASED					
a) From Non-Utilities	469.24	1171.42	1208.20	650.26	0.00
b) From other Regions	998.73	4173.95	3724.41	158.04	424.60
c) From other countries	0.00	0.00	0.00	1540.08	0.00
Sub-Total	1467.97	5345.37	4932.61	2348.38	424.60
III. Total Energy available (I+II)	132183.42	153131.29	120018.06	52229.94	5122.41
IV. ENERGY SALES					
a) To Ultimate consumers	85042.82	107449.08	84927.67	32363.99	3057.52
b) To other Regions	852.04	1424.10	615.47	6588.12	0.00
c) To other Countries	13.34	0.00	0.00	187.48	0.00
Sub-Total IV	85908.20	108873.18	85543.14	39139.59	3057.52
V. ENERGY LOSS IN TRANSMISSION & DISTRIBUTION & UNACCOUNTED FOR	46275.22	44258.11	34474.92	13090.35	2064.89
VI. PERCENTAGE ENERGY LOSS (V/III)	35.01	28.90	28.72	25.06	40.31

NOTE:- (1) Net generation of jointly owned projects have been shown divided between the partner states as per their theoretical shares.

(2) In the case of projects, jointly owned by States of different regions, excess/less drawal of energy than theoretical shares have been treated as inter-regional purchase/sales respectively.

(3) For details of All India Losses please see Table No.35.

TABLE NO.37
ENERGY GENERATION (NET), INTER SYSTEM TRANSFER OF ENERGY
UTILISATION OF ENERGY AND SYSTEM LOSSES
STATEWISE DURING 1999-2000

(GWH)

Region	State/U.Ts.	Net Generation in own Power Houses (Other than jointly owned pro- jects & Central Govt. Projects)	ENERGY RECEIVED FROM		
			Jointly owned & Central projects except BBMB & DVC	Self Gene- rating Industries	From other States including BBMB & DVC including from outside the country
1	2	3	4	5	6
NORTHERN REGION	Haryana	3603.66	8233.36	176.50	3618.17
	Himachal Pradesh	1198.26	1543.60	0.00	927.26
	Jammu & Kashmir	607.39	4417.46	0.00	115.30
	Punjab	15854.97	6144.87	20.35	4775.11
	Rajasthan	7532.56	13725.06	0.00	2893.41
	Uttar Pradesh	21742.24	18154.01	272.39	0.00
	Chandigarh	0.00	384.46	0.00	576.64
	Delhi	1665.87	14785.45	0.00	607.51
B B M B.	11826.58	0.00	0.00	0.00	
WESTERN REGION	Gujarat	33581.89	9945.42	805.06	0.00
	Madhya Pradesh	17838.20	16446.80	330.58	507.98
	Maharashtra	58232.72	11735.82	35.78	1.13
	Goa	0.00	1380.80	0.00	0.00
	Daman & Diu	0.00	620.10	0.00	0.00
	D & N Haveli	0.00	954.94	0.00	0.00
SOUTHERN REGION	Andhra Pradesh	30323.06	10625.09	442.32	753.72
	Karnataka	20392.74	5553.45	134.12	499.21
	Kerala	7603.39	4226.82	0.00	28.97
	Tamil Nadu	24438.64	12471.31	631.76	118.20
	Pondicherry	129.13	1073.87	0.00	242.68
	Lakshadweep	19.05	0.00	0.00	0.00
EASTERN REGION	Bihar	3138.96	4650.45	0.00	6077.73
	Orissa	7346.73	3021.53	650.26	339.65
	West Bengal	14917.22	2519.32	0.00	4046.53
	D V C.	7001.25	1424.97	0.00	918.24
	A & N. Islands	100.08	0.00	0.00	0.00
	Sikkim	52.08	40.03	0.00	28.23
NORTH EASTERN REGION	Assam	944.44	1844.96	0.00	174.02
	Manipur	0.81	445.75	0.00	9.50
	Meghalaya	674.15	110.66	0.00	0.00
	Nagaland	2.67	201.54	0.00	0.00
	Tripura	308.78	268.23	0.00	0.00
	Arunachal Pradesh	54.85	98.23	0.00	0.00
	Mizoram	14.00	153.34	0.00	49.92

Contd.

BBMB - Bhakra Beas Management Board.
D V C - Damodar Valley Corporation.

**TABLE NO.37 (Contd.)
ENERGY GENERATION (NET), INTER SYSTEM TRANSFER OF ENERGY
UTILISATION OF ENERGY AND SYSTEM LOSSES
STATEWISE DURING 1999-2000**

(GWH)

Region	State/U.Ts.	Energy Available in the States (3+4+5+6) 7	ENERGY SENT OUT TO/SOLD TO		Total (8+9) 10
			Ultimate consumers within the State 8	Other States including outside the country 9	
NORTHERN REGION	Haryana	15631.69	9597.74	50.43	9648.17
	Himachal Pradesh	3669.12	2188.05	645.80	2833.85
	Jammu & Kashmir	5140.15	2652.68	172.12	2824.80
	Punjab	26795.30	21194.29	691.79	21886.08
	Rajasthan	24151.03	16338.85	486.35	16825.20
	Uttar Pradesh	40168.64	23469.39	482.54	23951.93
	Chandigarh	961.10	722.62	1.13	723.75
	Delhi	17058.83	8879.20	217.55	9096.75
	B.B.M.B.	11826.58	0.00	11336.69	11336.69
WESTERN REGION	Gujarat	44332.37	33048.90	47.53	33096.43
	Madhya Pradesh	35123.56	23297.68	1.13	23298.81
	Maharashtra	70005.45	48900.01	661.37	49561.38
	Goa	1380.80	1000.31	0.00	1000.31
	Daman & Diu	620.10	549.83	0.00	549.83
	D. & N. Haveli	954.94	652.35	0.00	652.35
SOUTHERN REGION	Andhra Pradesh	42144.19	26220.97	57.31	26278.28
	Karnataka	26579.52	16663.40	0.00	16663.40
	Kerala	11859.18	9730.33	22.68	9753.01
	Tamil Nadu	37659.91	31056.15	196.00	31252.15
	Pondicherry	1445.68	1239.70	28.95	1268.65
	Lakshadweep	19.05	17.12	0.00	17.12
EASTERN REGION	Bihar	13867.14	11423.38	300.03	11723.41
	Orissa	11358.17	5679.00	652.24	6331.24
	West Bengal	21483.07	15072.25	753.64	15825.89
	D.V.C.	9344.46	0.00	9113.01	9113.01
	A. & N. Islands	100.08	83.55	0.00	83.55
	Sikkim	120.34	105.81	0.00	105.81
NORTH EASTERN REGION	Assam	2963.42	1808.98	0.00	1808.98
	Manipur	456.06	173.05	0.00	173.05
	Meghalaya	784.81	386.44	183.52	569.96
	Nagaland	204.21	138.20	0.00	138.20
	Tripura	577.01	356.13	49.92	406.05
	Arunachal Pradesh	153.08	80.95	0.00	80.95
	Mizoram	217.26	113.77	0.00	113.77

Contd

TABLE NO.37 (Contd.)
ENERGY GENERATION (NET), INTER SYSTEM TRANSFER OF ENERGY
UTILISATION OF ENERGY AND SYSTEM LOSSES
STATEWISE DURING 1999-2000

Region	State/U.Ts.	Transformation, T & D Losses & Energy unaccounted for	
		Quantum (GWH) (7-10)	%age of Column 7
NORTHERN REGION	Haryana	5983.52	38.28
	Himachal Pradesh	835.27	22.76
	Jammu & Kashmir	2315.35	45.04
	Punjab	4909.22	18.32
	Rajasthan	7325.83	30.33
	Uttar Pradesh	16216.71	40.37
	Chandigarh	237.35	24.70
	Delhi	7962.08	46.67
	B B M B.	489.89	4.14
	Northern Region	46275.22	35.01
WESTERN REGION	Gujarat	11235.94	25.34
	Madhya Pradesh	11824.75	33.67
	Maharashtra	20444.07	29.20
	Goa	380.49	27.56
	Daman & Diu	70.27	11.33
	D & N Haveli	302.59	31.69
		Western Region	44258.11	28.90
SOUTHERN REGION	Andhra Pradesh	15865.91	37.65
	Karnataka	9916.12	37.31
	Kerala	2106.17	17.76
	Tamil Nadu	6407.76	17.01
	Pondicherry	177.03	12.25
	Lakshadweep	1.93	10.13
		Southern Region	34474.92	28.72
EASTERN REGION	Bihar	2143.73	15.46
	Orissa	5026.93	44.26
	West Bengal	5657.18	26.33
	D V C	231.45	2.48
	A & N Islands	16.53	16.52
	Sikkim	14.53	12.07
		Eastern Region	13090.35	25.06
NORTH EASTERN REGION	Assam	1154.44	38.96
	Manipur	283.01	62.06
	Meghalaya	214.85	27.38
	Nagaland	66.01	32.32
	Tripura	170.96	29.63
	Arunachal Pradesh	72.13	47.12
	Mizoram	103.49	47.63
		N Eastern Region	2064.89	40.31
	All India	140163.49	30.93

TABLE NO.38
ENERGY GENERATION (NET), INTER SYSTEM TRANSFER OF ENERGY
UTILISATION LOSSES BY STATE ELECTRICITY BOARDS
D.V.C. & B.M.B. DURING 1999-2000

(GWH)

Region	State/U.Ts.	Net Generation	ENERGY RECEIVED FROM	
		in own Power	Utilities within	Other Board/
		House (other	State/jointly	Electric Under-
		than jointly	owned Central	takings (inclu-
		owned and	Projects	ding DVC & BBMB/
		Central	except DVC	Other countries)
		Projects)	& BBMB	
1	2	3	4	5
NORTHERN REGION	Haryana(HVPLN).	0.00	11837.02	3618.17
	Himachal Pradesh	1198.26	1518.90	927.26
	Jammu & Kashmir	607.39	4376.92	115.30
	Punjab	15854.97	6144.87	4653.71
	Rajasthan	8878.18	12292.17	2893.41
	Uttar Pradesh	21742.24	17980.87	0.00
	Delhi	1665.87	14772.95	607.51
	B.B.M.B	11826.58	0.00	0.00
WESTERN REGION	Gujarat	21018.80	17834.06	0.00
	Madhya Pradesh	19539.45	14284.22	507.98
	Maharashtra	41694.94	15838.22	1.13
SOUTHERN REGION	APTRANSCO	0.00	40589.24	753.72
	Karnataka	1072.40	24416.61	499.21
	Kerala	7562.13	4262.26	28.97
	Tamil Nadu	21832.79	14062.46	118.20
EASTERN REGION	Bihar	2087.88	5683.03	2179.02
	Orissa (GRIDCO)	0.00	10333.82	339.65
	West Bengal	3519.33	8713.55	2024.15
	D.V.C.	7001.25	1424.97	918.24
NORTH EASTERN REGION	Assam	794.74	1994.66	174.02
	Meghalaya	674.15	102.66	0.00

ABBREVIATIONS: B.B.M.B. -Bhakra Beas Management Board
D.V.C. - Damodar Valley Corporation.
HVPLN - Haryana Vidyut Prasaran Nigam Ltd.
APTRANSCO - Transmission Corporation of A.P. Ltd.
B.B.M.B.- Bhakra Beas Management Board
GRIDCO - Grid Power Corporation of Orissa Ltd.

Contd.

TABLE NO.38 (Contd.)
ENERGY GENERATION (NET), INTER SYSTEM TRANSFER OF ENERGY
UTILISATION LOSSES BY STATE ELECTRICITY BOARDS
D.V.C. & B.M.B. DURING 1999-2000

(GWH)

Region	Board/ Undertaking	Energy received from self generating Industries	Energy available for supply (including sales out- side the States (3+4+5+6)	ENERGY SOLD TO	
				Licensees within the State	Other Boards/ Undertakings D.V.C./other countries
		6	7	8	9
NORTHERN REGION	Haryana	176.50	15631.69	0.00	50.43
	Himachal Pradesh	0.00	3644.42	0.00	645.80
	Jammu & Kashmir	0.00	5099.61	0.00	172.12
	Punjab	20.35	26673.90	0.00	691.79
	Rajasthan	0.00	24063.76	0.00	486.35
	Uttar Pradesh	272.39	39995.50	159.00	641.54
	Delhi	0.00	17046.33	1202.48	217.55
	B.B.M.B	0.00	11826.58	0.00	11336.69
WESTERN REGION	Gujarat	805.06	39657.92	2423.00	47.53
	Madhya Pradesh	330.58	34662.23	941.39	1.13
	Maharashtra	35.78	57570.07	556.91	661.37
SOUTHERN REGION	APTRANSCO	442.32	41785.28	1049.05	57.31
	Karnataka	134.12	26122.34	130.32	0.00
	Kerala	0.00	11853.36	150.05	22.68
	Tamil Nadu	631.76	36645.21	160.00	196.00
EASTERN REGION	Bihar	0.00	9949.93	0.00	300.03
	Orissa (GRIDCO)	650.26	11323.73	10034.92	652.24
	West Bengal	0.00	14257.03	1487.95	753.64
	D.V.C.	0.00	9344.46	0.00	9113.01
NORTH EASTERN REGION	Assam	0.00	2963.42	0.00	0.00
	Meghalaya	0.00	776.81	0.00	183.52

Contd.

TABLE NO.38 (Contd.)
ENERGY GENERATION (NET), INTER SYSTEM TRANSFER OF ENERGY
UTILISATION LOSSES BY STATE ELECTRICITY BOARDS
D.V.C. & B.M.B. DURING 1959-2000

(GWH)

Region	Board/ Undertaking	Energy sold to ultimate consumers	Total sold (8+9+10)	Transformation, Trans- mission & Distribution losses and energy unaccounted for	
				(GWH) (7-11)	% of Col.7
		10	11	12	13
NORTHERN REGION	Haryana	9597.74	9648.17	5983.52	38.28
	Himachal Pradesh	2181.75	2827.55	816.87	22.41
	Jammu & Kashmir	2637.68	2809.80	2289.81	44.90
	Punjab	21072.89	21764.68	4909.22	18.40
	Rajasthan	16251.58	16737.93	7325.83	30.44
	Uttar Pradesh	23266.00	24066.54	15928.96	39.83
	Delhi	7736.03	9156.06	7890.27	46.29
B.B.M.B	0.00	11336.69	489.89	4.14	
WESTERN REGION	Gujarat	28625.00	31095.53	8562.39	21.59
	Madhya Pradesh	22494.36	23436.88	11225.35	32.38
	Maharashtra	37767.00	38985.28	18584.79	32.28
SOUTHERN REGION	APTRANSCO	25163.00	26269.36	15515.92	37.13
	Karnataka	16007.68	16138.00	9984.34	38.22
	Kerala	9660.00	9832.73	2020.63	17.05
	Tamil Nadu	30121.00	30477.00	6168.21	16.83
EASTERN REGION	Bihar	7517.17	7817.20	2132.73	21.43
	Orissa (GRIDCO)	0.00	10687.16	636.57	5.62
	West Bengal	8053.09	10294.68	3962.35	27.79
	D.V.C.	0.00	9113.01	231.45	2.48
NORTH EASTERN REGION	Assam	1808.98	1808.98	1154.44	38.96
	Meghalaya	378.44	561.96	214.85	27.66

TABLE NO.39
PILFERAGE/MISUSE OF ENERGY AS REPORTED
BY STATE ELECTRICITY BOARDS DURING 1999-2000

(GWH)

Region	Board	No. of cases where inspec- tions were carried out	No. of cases where theft or misuse was detected	Estimated quan- tity of energy considered as pilferage or misuse
NORTHERN REGION	Himachal Pradesh	61246	178	0.12
	Jammu & Kashmir	N.F	N.F	N.F
	Punjab	N.F	N.F	N.F
	Rajasthan	100729	87995	144.80
	Uttar Pradesh	NF	NF	NF
	Delhi	N.F	N.F	N.F
WESTERN REGION	Gujarat	1195184	99535	N.A
	Madhya Pradesh	1229685	410899	148.97
	Maharashtra	NF	NF	NF
SOUTHERN REGION	Karnataka	36438	3759	21.08
	Kerala	2301	1204	8.04
	Tamil Nadu	4517376	9315	NA
EASTERN REGION	Bihar	991	994	3.31
	West Bengal	21970	231	9.45
NORTH EASTERN REGION	Assam	831	21	N.A
	Meghalaya	648	280	0.96

N A =Data not available

N F =Data not furnished

TABLE NO.40
GROSS & NET GENERATION AND AUXILIARY CONSUMPTION
(UTILITIES ONLY) PRIMEMOVERWISE STATEWISE DURING 1999-2000

Region	Name of the State/U.Ts.	TOTAL			
		Gross Generation (GWH)	Net Generation (GWH)	Auxiliary consumption (GWH)	% of Gross Generation
NORTHERN REGION	Haryana	7968.81	7431.37	537.44	6.74
	Himachal Pradesh	1201.35	1198.26	3.09	0.26
	Jammu & Kashmir	608.00	607.39	0.61	0.10
	Punjab	22562.73	21271.18	1291.55	5.72
	Rajasthan	12638.50	11678.51	959.99	7.60
	Uttar Pradesh	23598.42	21742.24	1856.18	7.87
	Chandigarh	0.00	0.00	0.00	0.00
	Delhi	2289.34	2099.71	189.63	8.28
	Central Sector	68519.87	64686.79	3833.08	5.59
	Sub-Total	139387.02	130715.45	8671.57	6.22
WESTERN REGION	Gujarat	36400.57	33581.89	2818.68	7.74
	Madhya Pradesh	21835.77	19935.85	1899.92	8.70
	Maharashtra	62557.08	58419.17	4137.91	6.61
	Goa	0.00	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00	0.00
	Central Sector	38313.83	35849.01	2464.82	6.43
	Sub-Total	159107.25	147785.92	11321.33	7.12
SOUTHERN REGION	Andhra Pradesh	33836.14	31732.25	2103.89	6.22
	Karnataka	21141.25	20436.34	704.91	3.33
	Kerala	7649.69	7597.57	52.12	0.68
	Tamil Nadu	26155.44	24424.31	1731.13	6.62
	Lakshadweep	19.39	19.05	0.34	1.75
	Pondicherry	132.00	129.13	2.87	2.17
	Central Sector	33562.75	30746.80	2815.95	8.39
	Sub-Total	122496.66	115085.45	7411.21	6.05
EASTERN REGION	Bihar	3623.13	3138.96	484.17	13.36
	Orissa	7915.52	7566.88	348.64	4.40
	West Bengal	16649.97	14917.22	1732.75	10.41
	D.V.C.	8138.20	7001.25	1136.95	13.97
	A & N. Islands	104.00	100.08	3.92	3.77
	Sikkim	52.40	52.08	0.32	0.61
	Central Sector	18750.68	17105.09	1645.59	8.78
	Sub-Total	55233.90	49881.56	5352.34	9.69
NORTH EASTERN REGION	Assam	1026.58	944.44	82.14	8.00
	Manipur	0.86	0.81	0.05	5.81
	Meghalaya	676.66	674.15	2.51	0.37
	Nagaland	2.80	2.67	0.13	4.64
	Tripura	314.43	308.78	5.65	1.80
	Arunachal Pradesh	62.11	54.85	7.26	11.69
	Mizoram	14.48	14.00	0.48	3.31
	Central Sector	2732.44	2698.11	34.33	1.26
	Sub-Total	4830.36	4697.81	132.55	2.74
	Total (All India)	481055.19	448166.19	32889.00	6.84

contd

TABLE NO.40 (Contd.)

Region	Name of the State/U.Ts.	HYDRO			
		Gross Generation	Net Generation	Auxiliary consumption	
		(GWH)	(GWH)	Total (GWH)	% of Gross Generation
NORTHERN REGION	Haryana	3913.88	3848.94	64.94	1.66
	Himachal Pradesh	1201.35	1198.26	3.09	0.26
	Jammu & Kashmir	608.00	607.39	0.61	0.10
	Punjab	8731.59	8630.55	101.04	1.16
	Rajasthan	3620.56	3548.16	72.40	2.00
	Uttar Pradesh	5297.42	5281.00	16.42	0.31
	Chandigarh	0.00	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00	0.00
	Central Sector	8157.95	8134.10	23.85	0.29
	Sub-Total	31530.75	31248.40	282.35	0.90
WESTERN REGION	Gujarat	1040.40	1030.80	9.60	0.92
	Madhya Pradesh	2507.17	2500.34	6.83	0.27
	Maharashtra	5648.38	5615.90	32.48	0.58
	Goa	0.00	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00	0.00
		Sub-Total	9195.95	9147.04	48.91	0.53
SOUTHERN REGION	Andhra Pradesh	8310.47	8270.89	39.58	0.48
	Karnataka	12273.27	12252.11	21.16	0.17
	Kerala	7063.76	7031.90	31.86	0.45
	Tamil Nadu	4444.11	4424.78	19.33	0.43
	Lakshadweep	0.00	0.00	0.00	0.00
	Pondicherry	0.00	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00	0.00
	Sub-Total	32091.61	31979.68	111.93	0.35
EASTERN REGION	Bihar	208.54	206.92	1.62	0.78
	Orissa	4749.15	4725.19	23.96	0.50
	West Bengal	400.63	398.53	2.10	0.52
	D.V.C.	442.29	438.15	4.14	0.94
	A. & N. Islands	0.00	0.00	0.00	0.00
	Sikkim	51.35	51.10	0.25	0.49
	Central Sector	26.00	25.80	0.20	0.77
	Sub-Total	5877.96	5845.69	32.27	0.55
NORTH-EAS REGION	Assam	0.00	0.00	0.00	0.00
	Manipur	0.40	0.39	0.01	2.50
	Meghalaya	676.66	674.15	2.51	0.37
	Nagaland	2.55	2.45	0.10	3.92
	Tripura	61.32	60.83	0.49	0.80
	Arunachal Pradesh	52.00	45.80	6.20	11.92
	Mizoram	6.48	6.39	0.09	1.39
	Central Sector	1259.79	1256.05	3.74	0.30
	Sub-Total	2059.20	2046.06	13.14	0.64
	Total (All India)	80755.47	80266.87	488.60	0.61

contd.

TABLE NO.40 (Contd.)

Region	Name of the State/U.Ts.	S T E A M			
		Gross Generation	Net Generation	Auxiliary Consumption	Consumption
		(GWH)	(GWH)	Total (GWH)	% of Gross Generation
NORTHERN REGION	Haryana	4054.93	3582.43	472.50	11.65
	Himachal Pradesh	0.00	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00	0.00
	Punjab	13831.14	12640.63	1190.51	8.61
	Rajasthan	8789.27	7903.60	885.67	10.08
	Uttar Pradesh	18301.00	16461.24	1839.76	10.05
	Chandigarh	0.00	0.00	0.00	0.00
	Delhi	1545.68	1372.80	172.88	11.18
	Central Sector	40573.63	37604.54	2969.09	7.32
	Sub-Total	87095.65	79565.24	7530.41	8.65
WESTERN REGION	Gujarat	26013.42	23419.43	2593.99	9.97
	Madhya Pradesh	19305.15	17412.06	1893.09	9.81
	Maharashtra	47706.52	43806.51	3900.01	8.18
	Goa	0.00	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00	0.00
	Central Sector	25677.00	23990.13	1686.87	6.57
	Sub-Total	118702.09	108628.13	10073.96	8.49
SOUTHERN REGION	Andhra Pradesh	21499.10	19519.53	1979.57	9.21
	Karnataka	8120.52	7458.07	662.45	8.16
	Kerala	0.00	0.00	0.00	0.00
	Tamil Nadu	18861.39	17167.75	1693.64	8.98
	Lakshadweep	0.00	0.00	0.00	0.00
	Pondicherry	0.00	0.00	0.00	0.00
	Central Sector	29953.75	27458.96	2494.79	8.33
	Sub-Total	78434.76	71604.31	6830.45	8.71
EASTERN REGION	Bihar	3414.59	2932.04	482.55	14.13
	Orissa	3166.37	2841.69	324.68	10.25
	West Bengal	16236.85	14506.64	1730.21	10.66
	D.V.C.	7674.84	6543.44	1131.40	14.74
	A. & N. Islands	0.00	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00	0.00
	Central Sector	18724.68	17079.29	1645.39	8.79
	Sub-Total	49217.33	43903.10	5314.23	10.80
NORTH EASTERN REGION	Assam	167.41	153.46	13.95	8.33
	Manipur	0.00	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00	0.00
	Sub-Total	167.41	153.46	13.95	8.33
Total (All India)		333617.24	303854.24	29763.00	8.92

contd.

TABLE NO.40 (Contd.)

DIESEL & WIND					
Region	Name of the State/U.Ts.	Gross	Net	Auxiliary	Consumption
		Generation	Generation	Total	% of Gross
		(GWH)	(GWH)	(GWH)	Generation
NORTHERN REGION	Haryana	0.00	0.00	0.00	0.00
	Himachal Pradesh	0.00	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00	0.00
	Punjab	0.00	0.00	0.00	0.00
	Rajasthan	0.77	0.77	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00	0.00
Sub-Total		0.77	0.77	0.00	0.00
WESTERN REGION	Gujarat	122.46	122.43	0.03	0.02
	Madhya Pradesh	23.45	23.45	0.00	0.00
	Maharashtra	45.70	45.70	0.00	0.00
	Goa	0.00	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00	0.00
	D & N Haveli	0.00	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00	0.00
	Sub-Total		191.61	191.58	0.03	0.02
SOUTHERN REGION	Andhra Pradesh	57.06	57.06	0.00	0.00
	Karnataka	747.46	726.16	21.30	2.85
	Kerala	580.93	560.78	20.15	3.47
	Tamil Nadu	2633.08	2618.75	14.33	0.54
	Lakshadweep	19.39	19.05	0.34	1.75
	Pondicherry	0.00	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00	0.00
Sub-Total		4037.92	3981.80	56.12	1.39
EASTERN REGION	Bihar	0.00	0.00	0.00	0.00
	Orissa	0.00	0.00	0.00	0.00
	West Bengal	0.20	0.03	0.17	85.00
	D V C	0.00	0.00	0.00	0.00
	A & N Islands	104.00	100.08	3.92	3.77
	Sikkim	1.05	0.98	0.07	6.67
	Central Sector	0.00	0.00	0.00	0.00
Sub-Total		105.25	101.09	4.16	3.95
NORTH EASTERN REGION	Assam	0.00	0.00	0.00	0.00
	Manipur	0.46	0.42	0.04	8.70
	Meghalaya	0.00	0.00	0.00	0.00
	Nagaland	0.25	0.22	0.03	12.00
	Tripura	1.85	1.71	0.14	7.57
	Arunachal Pradesh	10.11	9.05	1.06	10.48
	Mizoram	8.00	7.61	0.39	4.88
	Central Sector	0.00	0.00	0.00	0.00
Sub-Total		20.67	19.01	1.66	8.03
Total (All India)		4356.22	4294.25	61.97	1.42

contd.

TABLE NO.40 (Contd.)

Region	Name of the State/U.Ts.	G A S			
		Gross Generation	Net Generation	Auxiliary Consumption	
		(GWH)	(GWH)	Total (GWH)	% of Gross Generation
NORTHERN REGION	Haryana	0.00	0.00	0.00	0.00
	Himachal Pradesh	0.00	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00	0.00
	Punjab	0.00	0.00	0.00	0.00
	Rajasthan	227.90	225.98	1.92	0.84
	Uttar Pradesh	0.00	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00	0.00
	Delhi	743.66	726.91	16.75	2.25
	Central Sector	14466.00	14184.68	281.32	1.94
	Sub-Total	15437.56	15137.57	299.99	1.94
WESTERN REGION	Gujarat	9224.29	9009.23	215.06	2.33
	Madhya Pradesh	0.00	0.00	0.00	0.00
	Maharashtra	9156.48	8951.06	205.42	2.24
	Goa	0.00	0.00	0.00	0.00
	Damam & Diu	0.00	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00	0.00
	Central Sector	7070.00	6926.91	143.09	2.02
	Sub-Total	25450.77	24887.20	563.57	2.21
SOUTHERN REGION	Andhra Pradesh	3969.51	3884.77	84.74	2.13
	Karnataka	0.00	0.00	0.00	0.00
	Kerala	5.00	4.89	0.11	2.20
	Tamil Nadu	216.86	213.03	3.83	1.77
	Lakshadweep	0.00	0.00	0.00	0.00
	Pondicherry	132.00	129.13	2.87	2.17
	Central Sector	1249.00	1221.78	27.22	2.18
	Sub-Total	5572.37	5453.60	118.77	2.13
EASTERN REGION	Bihar	0.00	0.00	0.00	0.00
	Orissa	0.00	0.00	0.00	0.00
	West Bengal	12.29	12.02	0.27	2.20
	D.V.C.	21.07	19.66	1.41	6.69
	A & N. Islands	0.00	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00	0.00
	Sub-Total	33.36	31.68	1.68	5.04
NORTH EASTERN REGION	Assam	859.17	790.98	68.19	7.94
	Manipur	0.00	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00	0.00
	Tripura	251.26	246.24	5.02	2.00
	Arunachal Pradesh	0.00	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00	0.00
	Central Sector	1472.65	1442.06	30.59	2.08
Sub-Total	2583.08	2479.28	103.80	4.02	
	Total (All India)	49077.14	47989.33	1087.81	2.22

contd

TABLE NO.40 (Contd.)

Region	N U C L E A R				
	Name of the State/U.Ts.	Gross Generation	Net Generation	Auxiliary Consumption	% of Gross Generation
		(GWH)	(GWH)	Total (GWH)	
NORTHERN REGION	Haryana	0.00	0.00	0.00	0.00
	Himachal Pradesh	0.00	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00	0.00
	Punjab	0.00	0.00	0.00	0.00
	Rajasthan	0.00	0.00	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00	0.00
	Central Sector	5322.29	4763.47	558.82	10.50
	Sub-Total	5322.29	4763.47	558.82	10.50
WESTERN REGION	Gujarat	0.00	0.00	0.00	0.00
	Madhya Pradesh	0.00	0.00	0.00	0.00
	Maharashtra	0.00	0.00	0.00	0.00
	Goa	0.00	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00	0.00
	Central Sector	5566.83	4931.97	634.86	11.40
		Sub-Total	5566.83	4931.97	634.86	11.40
SOUTHERN REGION	Andhra Pradesh	0.00	0.00	0.00	0.00
	Karnataka	0.00	0.00	0.00	0.00
	Kerala	0.00	0.00	0.00	0.00
	Tamil Nadu	0.00	0.00	0.00	0.00
	Lakshadweep	0.00	0.00	0.00	0.00
	Pondicherry	0.00	0.00	0.00	0.00
	Central Sector	2360.00	2066.06	293.94	12.46
		Sub-Total	2360.00	2066.06	293.94	12.46
EASTERN REGION	Bihar	0.00	0.00	0.00	0.00
	Orissa	0.00	0.00	0.00	0.00
	West Bengal	0.00	0.00	0.00	0.00
	D.V.C.	0.00	0.00	0.00	0.00
	A & N. Islands	0.00	0.00	0.00	0.00
	Sikkim	0.00	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00	0.00
		Sub-Total	0.00	0.00	0.00	0.00
NORTH EASTERN REGION	Assam	0.00	0.00	0.00	0.00
	Manipur	0.00	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00	0.00
	Nagaland	0.00	0.00	0.00	0.00
	Tripura	0.00	0.00	0.00	0.00
	Arunachal Pradesh	0.00	0.00	0.00	0.00
	Mizoram	0.00	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00	0.00
	Total (All India)	13249.12	11761.50	1487.62	11.23

TABLE NO.41
SHARE OF PARTICIPATING STATES IN JOINTLY OWNED POWER
STATIONS DURING 1999-2000

Name of the Power Station	Name of the participating States	Share of the Participating States	I.C.(MW)	Total capacity (MW)
		%age		
BHAKRA BEAS MANAGEMENT BOARD				
Bhakra Nangal Complex (Hydro)*	Haryana	33.91	459.34	1354.50
	Punjab	50.87	689.00	
	Rajasthan	15.22	206.16	
Dehar (Hydro)	Haryana	32.00	316.80	990.00
	Punjab	48.00	475.20	
	Rajasthan	20.00	198.00	
Pong (Hydro)	Haryana	16.60	59.76	360.00
	Punjab	24.90	89.64	
	Rajasthan	58.50	210.60	
INDRAPRASTHA EXTN. (Coal)	Delhi	66.67	125.00	187.50
	Haryana	33.33	62.50	
CHAMBAL PROJECTS				
Gandhi Sagar (Hydro)	Madhya Pradesh	50.00	57.50	115.00
	Rajasthan	50.00	57.50	
Jawahar Sagar (Hydro)	Madhya Pradesh	50.00	49.50	99.00
	Rajasthan	50.00	49.50	
Rana Pratap Sagar (Hydro)	Madhya Pradesh	50.00	86.00	172.00
	Rajasthan	50.00	86.00	
SATPURA (Steam)	Madhya Pradesh	60.00	187.50	312.50
	Rajasthan	40.00	125.00	
MACHKUND (Hydro)	Andhra Pradesh	70.00	80.33	114.75
	Orissa	30.00	34.42	
TUNGABHADRA DAM & HAMPI (Hydro)	Andhra Pradesh	80.00	57.60	72.00
	Karnataka	20.00	14.40	
PENCH (Hydro)	Madhya Pradesh	66.67	106.66	160.00
	Maharashtra	33.33	53.34	

* It comprises of capacity of Ganguwal 77.25 MW, Kotla 77.25 MW, Bhakra left bank 540.00 MW & Bhakra right bank 660.00 MW
I.C = Installed Capacity

Contd.

TABLE NO.41
SHARE OF PARTICIPATING STATES IN JOINTLY OWNED POWER
STATIONS DURING 1999-2000

(GWH)

Name of the Power Station	Energy Generated		Energy offtake by States**
	Gross	Net	
Bhakra Nangal Complex (Hydro)	6953.81	6886.90	Haryana Punjab SEB
Dehar (hydro)	3050.26	2956.72	Rajasthan Jammu & Kashmir Himachal Pradesh
Pong (Hydro)	2048.30	1982.96	Chandigarh Irrigation Wing
Total (BBMB)	12052.37	11826.58	N.F.F BBMB(system Losses) Total (BBMB)
INDRAPRASTHA EXTN.			
(Steam) (2,3,4)	730.68	650.74	Delhi Haryana
Chambal Projects			
Gandhi Sagar (Hydro)*			
Jawahar Sagar(Hydro)*			
Rana Pratap Sagar(Hydro)	1185.50	1179.50	} Madhya Pradesh Rajasthan
Satpura(Steam)	2101.59	1891.59	
Machkund(Hydro)	739.00	733.83	Andhra Pradesh Orissa
Tungabhadra Dam & Hampi(Hydro)	224.58	223.76	Andhra Pradesh Karnataka
Pench(Hydro)	560.54	559.40	Madhya Pradesh Maharashtra

* Included under R.P Sagar

** Including losses & excluding BBMB System.

BBMB Bhakra Beas Management Board.

NFF National Fertilizer Factory, Nangal Dam

(A) Includes Colony consumption of 8.00 M.Kwh.

(B) Includes Colony consumption of 5.70 M.Kwh.

TABLE NO.42
INSTALLED CAPACITY, ENERGY GENERATED, ENERGY SENT OUT BY CENTRAL
GOVT. PROJECTS, DVC & STATE GOVT. PROJECTS DURING 1999-2000

Name of the Power Station	Installed capacity (MW)	Energy generated (GWH)		Energy Offtake including losses (GWH)	by states
		Gross	Net		
Dadri(gas)	817.00	5126.00	5023.48	HVPNL.	506.80
				H.P.S.E.B.	174.50
				J&K S.E.B.	370.50
				P.S.E.B.	594.50
				R.S.E.B.	1494.10
				U.P.S.E.B.	(X) 1080.38
				Chandigarh DVB	25.30 777.40
Tanakpur (Hydro)	120.00	408.88	406.16	HVPN	33.80
				J&K S.E.B.	29.40
				P.S.E.B.	61.50
				R.S.E.B.	47.40
				U.P.S.E.B.	(G) 149.92
				DVB	53.00
				H.P.S.E.B.	13.80
				Chandigarh Nepal	4.00 13.34
Chamera H.E.P	540.00	2126.00	2124.00	HVPN.	484.20
				H.P.S.E.B.	276.40
				J&K S.E.B.	105.40
				P.S.E.B.	414.70
				R.S.E.B.	527.20
				U.P.S.E.B.	0.00
				DVB	211.80
Chandigarh	104.30				
Maharashtra Irrigation Wing Power Houses	835.00	359.66	354.55	MSEB	354.55
Uri HEPS	480.00	1948.93	1936.45	HVPN	105.00
				HPEB	51.80
				J&K SEB	664.85
				PSEB	219.90
				RSEB	215.60
				UPSEB	454.50
				DVB	213.00
				Chandigarh	11.80
National Capital TPP	840.00	7093.00	6576.00	HVPN	997.20
				HPEB	49.90
				J&K SEB	104.60
				PSEB	50.10
				RSEB	902.80
				UPSEB	(Y) 331.50
				DVB	4073.60
				Chandigarh	4.30
				MPEB(WR)	37.70
BSEB(ER)	24.30				

TABLE NO.42 (Contd.)

Name of the Power Station	Installed capacity (MW)	Energy generated (GWH)		Energy Offtake including losses (GWH)	by states
		Gross	Net		
Badarpur Thermal Power station	720.00	5022.00	4519.80	Delhi	(A) 4519.80
Baira Siul(Hydro)	180.00	425.00	422.00	DVB H.P. Haryana Punjab	44.90 (B) 60.80 125.40 190.90
Singrauli (STPS)	2000.00	16455.63	15457.86	J.&K SEB H.S.E.B. R.S.E.B. DVB U.P. H.P.S.E.B Chandigarh P.S.E.B. Western Grid (MPEB)	233.00 2100.70 2839.60 1456.80 (C) 6909.64 106.91 26.70 1621.00 163.51
Salal (Hydro) (St I+II)	690.00	3249.14	3245.49	H.P.S.E.B. P.S.E.B. HVPN. DVB J.&K R.S.E.B. U.P.S.E.B. Chandigarh	30.70 852.70 486.80 373.60 (U) 1151.09 90.60 251.80 8.20
Rihand (STPS)	1000.00	7605.00	7079.50	H.V.P.N. H.P.S.E.B. J.&K P.S.E.B. R.S.E.B. U.P.S.E.B. DVB Chandigarh (WR)MPEB	746.90 256.90 593.10 731.30 949.80 (E) 2814.60 887.70 66.70 32.50
R A P P.(Nuclear)	660.00	2191.43	1955.57	Rajasthan	(F) 1955.57
Unchahar (Steam)	840.00	3631.00	3281.08	H.V.P.N. H.P.S.E.B. J.&K S.E.B. P.S.E.B. R.S.E.B. U.P.S.E.B. DVB Chandigarh MPEB(WR)	251.50 86.22 216.90 192.84 434.62 (S) 1756.00 326.00 11.30 5.70

TABLE NO.42 (Contd.)

Name of the Power Station	Installed capacity (MW)	Energy generated (GWH)		Energy Offtake including losses (GWH)	by states
		Gross	Net		
Anta (Gas)	413.00	3189.00	3125.22	H.V.P.N.	253.10
				H.P.S.E.B.	116.80
				J.&K.S.E.B.	229.30
				P.S.E.B.	305.80
				R.S.E.B.	(D) 1120.02
				U.P.S.E.B.	736.20
				DVB	331.00
				Chandigarh	33.00
Auraiya (Gas)	652.00	5085.00	4991.30	H.V.P.N.	498.40
				H.P.S.E.B.	196.30
				J.&K.S.E.B.	400.40
				P.S.E.B.	576.60
				R.S.E.B.	662.80
				U.P.S.E.B.	(T) 1950.40
				DVB	665.10
				Chandigarh	41.30
N.A.P.P.(Nuclear)	470.00	3130.86	2807.90	H.V.P.N.	321.18
				H.P.S.E.B.	107.08
				J.&K.S.E.B.	249.72
				P.S.E.B.	249.33
				R.S.E.B.	1042.24
				U.P.S.E.B.	474.07
				DVB	337.87
				Chandigarh	26.41
T.A.P.P (Nuclear)	420.00	2171.00	1923.29	G.E.B.	961.64
				M.S.E.B.	961.65
Kakrapar(Nuclear)	440.00	3395.83	3008.68	G.E.B.	777.00
				M.P.E.B.	988.00
				M.S.E.B.	938.90
				Daman & Diu	20.00
				Dadra & Nagar	115.74
				APTRANSCO	169.04
Gandhar(CCGT&CCST)	648.00	2282.00	2218.62	GEB	614.68
				M.P.E.B.	762.54
				M.S.E.B.	668.50
				Goa	74.50
				D & Nagar Haveli	58.30
				DAMAN & DIU	40.10
Kayamkulam (GT)	350.00	1249.00	1221.78	KSEB	1221.78
Tanda	440.00	767.00	690.30	UPSEB	690.30
Faridabad(CCGT)	286.00	1066.00	1044.68	H.V.P.N.	1044.68
Kaiga APP	220.00	128.00	112.06	APTRANSCO	32.70
				KPTCL	20.60
				KSEB	11.30
				TNEB	29.00
				Pondicherry	18.46

TABLE NO.42 (Contd.)

Name of the Power Station	Installed capacity (MW)	Energy generated (GWH)		Energy Offtake including losses (GWH)	by states
		Gross	Net		
Korba STPS, V.S.T.P.S & Kawas Gas	5004.00	30465.00	28698.42	M.P.E.B.	(I) 9862.73
				M.S.E.B.	9050.30
				G.E.B.	(H) 7235.20
				Goa	826.10
				D. & N Haveli	780.90
				Daman & Diu	560.00
				H.V.P.N.	60.80
				H.P.S.E.B.	15.49
				J. & K S.E.B.	69.20
				P.S.E.B.	83.70
				R.S.E.B.	96.32
				U.P.S.E.B.	120.00
				DVB	80.04
				Chandigarh	21.15
Ramagundam S.T.P.S	2100.00	16649.00	15562.90	A.P	(K) 4874.00
				K.P.T.C.L.	3126.10
				K.S.E.B.	1791.10
				T.N.E.B.	4657.20
				Goa (WR)	480.20
				Pondicherry	632.50
				GRIDCO	1.80
Neyveli-I (Steam)	600.00	3744.14	3291.32	Tamil Nadu	(J) 3291.32
				Neyveli-II(Steam)	1470.00	9560.61	8604.74	A.P. TRANSCO	2605.92
Kalpakkam (Nuclear)	470.00	2232.00	1954.00	K.P.T.C.L.	1693.58
				K.S.E.B.	971.74
				Tamil Nadu	(L) 2989.19
				Pondicherry	344.31
				A.P. TRANSCO	586.00
A P Gas Power Corpn Sone East&West Canal E Gandak Canal Tenughat(Bihar) I B.Valley(OPGC) KahelgaonSTPS	99.00 9.90 15.00 420.00 420.00 840.00	709.23 13.00 18.00 1169.00 3166.37 4284.00	695.20 12.81 17.73 1020.54 2841.69 3880.40	Andhra Pradesh	(N) 695.20
				B.S.E.B.	12.81
				BSEB	17.73
				BSEB	1020.54
				GRIDCO	2841.69
				BSEB	(V) 1447.60
				GRIDCO	33.80
				WBSEB	708.10
				Sikkim	7.80
				D.V.C	305.30
Karaikal(PPCL)	32.50	132.00	129.13	GEB	83.10
				A.P. TRANSCO	223.50
				ASEB(NER)	90.60
				MPEB(WR)	592.00
				K.P.T.C.L.	85.40
				UPSEB(NR)	112.80
				TNEB(SR)	190.40
				TNEB	28.95
				Poncicherry	100.18

TABLE NO.42 (Contd.)

Name of the Power Station	Installed capacity (MW)	Energy generated (GWH)		Energy Offtake including losses (GWH)	by states
		Gross	Net		
Talcher STPS	1000.00	5322.00	4958.70	M.PEB(WR)	1238.90
				GEB(WR)	169.30
				UPSEB(NR)	166.60
				APTRANSCO	565.30
				KSEB(SR)	7.10
				KPTCL	68.00
				TNEB(SR)	392.70
				BSEB(ER)	1462.40
				Orissa	238.90
				Sikkim	9.50
				DVC	431.00
				ASEB(NER)	209.00
Talcher old	470.00	2327.00	2094.30	GRIDCO	2094.30
Durgapur Projects Ltd.	395.00	847.73	728.33	W.B.S.E.B.	(O) 728.33
Kolaghat(WBPDC)	1260.00	6218.13	5588.74	West Bengal	5588.74
D.V.C. @	2871.50	8138.20	7001.25	GRIDCO	186.37
			@@	Bihar	(P) 5491.32
				West Bengal	(Q) 3406.48
				N.T.P.C.	28.84
Farakka S.T.P.S.	1600.00	6791.68	6145.89	B.S.E.B	1709.60
				GIRIDCO	295.40
				West Bengal	(R) 1803.79
				D.V.C.	490.80
				Sikkim	18.80
				APTRANSCO	342.00
				ASEB (NER)	125.00
				KPTCL	88.10
				MPEB	759.10
				TNEB	253.50
				UPSEB	155.30
				GEB	104.50
Ranjit	60.00	26.00	25.80	BSEB	6.55
				GRIDCO	5.24
				WBSEB	7.43
				Sikkim	3.93
				D.V.C.	2.65
Bakreshwar	210.00	19.00	19.00	WBSEB	19.00
NEEPCO	625.00	2225.69	2193.48	Assam	1281.09
				Manipur	278.37
				Meghalaya	(W) 89.95
				Nagaland	161.33
				Tripura	195.98
				Mizoram	119.63
				Arunachal Pradesh	67.13
Loktak (Hydro)	105.00	506.75	504.63	Assam S.E.B.	139.27
				Manipur	167.38
				Nagaland	40.21
				Tripura	72.25
				Arunachal Pradesh	31.10
				Mizoram	GENERAL REVIEW 2000
				Meghalaya	20.71

TABLE NO.42 (Contd.)

NOTES:-

(@)	D.V.C. is owned by three partners viz. Central, Bihar and West Bengal Governments.
(@@)	Net generation does not tally with the total energy offtake by States as it includes energy purchased.
(IGCAR)	Indira Gandhi Centre for Atomic Research.
(GRIDCO)	GRIDCO - Grid Power Corp. of Orissa Ltd.
(BHPC)	BHPC - Bihar Hydro Power Corp. Ltd.
(PPCL)	Pondicherry Power Corporation Ltd.
(A)	Includes 12.50 GWH of colony consumption
(B)	Includes miscellaneous consumption of 6.30 GWH
(C)	Includes construction and colony consumption 15.00 GWH
(D)	Includes colony consumption of 5.82 GWH
(E)	Includes colony consumption of 6.00 GWH
(F)	Includes heavy water plant consumption of 81.45 GWH
(G)	Includes colony consumption of 2.00 GWH
(H)	Includes colony consumption of 3.00 GWH
(I)	Includes colony consumption of 67.00 GWH
(J)	Includes energy consumed by Neyveli Lignite Corporation within works of 318.29 GWH.
(K)	Includes colony consumption of 25.00 GWH
(L)	Includes 452.63 GWH energy used in Neyveli Mines
(M)	Includes 68.00 GWH energy used for I.G.C.A.R.
(N)	Includes energy sold to industrial units of 190.96 GWH
(O)	Includes energy sales to direct consumers of 193.51 GWH
(P)	Includes 3898.71 GWH energy direct sales by DVC to ultimate consumers in Bihar area.
(Q)	Includes 1231.05 GWH energy direct sales by DVC to ultimate consumers in West Bengal area.
(R)	Includes colony consumption of 10.00 GWH
(S)	Includes colony consumption of 6.00 GWH
(T)	Includes colony consumption of 3.00 GWH
(U)	Includes colony and Misc consumption of 15.00 GWH
(V)	Includes colony & Construction of 7.50 GWH
(W)	Includes colony consumption of 8.00 GWH
(X)	Includes colony consumption of 10.00 GWH
(Y)	Includes colony consumption of 15.00 GWH

TABLE NO.43
STATEMENT SHOWING INTERSTATE TRANSFER OF ENERGY
REGIONWISE/STATEWISE DURING 1999-2000

Name of the supplier	Name of the Purchaser	Energy Transferred (GWH)
NORTHERN REGION		
Haryana V.P.N	H.P.S.E.B.	44.05
Haryana V.P.N	D.V.B.	6.38
Himachal Pradesh S.E.B.	Haryana V.P.N	91.74
Himachal Pradesh S.E.B.	Rajasthan S.E.B.,	0.90
Himachal Pradesh S.E.B.	D.V.B.	553.16
J&K S.E.B.	Punjab S.E.B.	153.10
J&K S.E.B.	D.V.B.	15.90
J&K S.E.B.	Haryana V.P.N	3.10
Punjab S.E.B.	Himachal Pradesh S.E.B.	201.55
Punjab S.E.B.	Haryana V.P.N	147.83
Punjab S.E.B.	J&K S.E.B.	115.30
Punjab S.E.B.	Rajasthan S.E.B.,	142.44
Punjab S.E.B.	D.V.B.	2.25
Rajasthan S.E.B.	D.V.B.	18.02
UPSEB	Himachal Pradesh S.E.B.	434.31
UPSEB	D.V.B.	10.65
D.V.B.	Haryana V.P.N	217.55
Chandigarh	D.V.B.	1.13
WESTERN REGION		
Maharashtra S.E.B.	M.P.E.B.	0.54
M.P.E.B.	Maharashtra S.E.B.	1.13
SOUTHERN REGION		
A.P.TRANSCO.	Karnataka E.B.	31.78
A.P.TRANSCO.	Pondicherry	24.00
Tamil Nadu S.E.B.	Pondicherry	196.00
Kerala S.E.B.	Pondicherry	22.68

Contd.

TABLE NO.43 (Contd.)
STATEMENT SHOWING INTERSTATE TRANSFER OF ENERGY
REGIONWISE/STATEWISE DURING 1999-2000

Name of the Supplier	Name of the Purchaser	Energy Transferred (GWH)
EASTERN REGION		
Bihar S.E.B.	Damodar Valley Corp.	112.55
GRIDCO	Damodar Valley Corp.	71.90
GRIDCO	West Bengal S.E.B.	14.42
West Bengal S.E.B.	Bihar S.E.B.	19.85
West Bengal S.E.B.	Damodar Valley Corp.	733.79
Damodar Valley Corp.	GRIDCO	186.37
Damodar Valley Corp.	Bihar S.E.B.	1592.61
Damodar Valley Corp.	West Bengal S.E.B. & DPL	1412.94
Damodar Valley Corp.	Licencees in West Bengal	762.49
Durgapur Project Limited..	West Bengal S.E.B.	467.49
Damodar Valley Corp.	N.T.P.C.	28.84
NORTH EASTERN REGION		
Meghalaya S.E.B.	Assam S.E.B.	174.02
Meghalaya S.E.B.	Manipur	9.50
Tripura	Mizoram	49.92
INTER-REGIONAL TRANSFER OF ENERGY		
NORTHERN REGION		WESTERN REGION
Rajasthan S.E.B.	M.P.E.B.	468.33
U.P.S.E.B.	M.P.E.B.	37.58
NORTHERN REGION		SOUTHERN REGION
Punjab SEB	Tamil Nadu EB	82.42
WESTERN REGION		NORTHERN REGION
MSEB	Rajasthan SEB	17.33
WESTERN REGION		SOUTHERN REGION
Gujarat EB	A.P.TRANSCO	47.53
Maharashtra S.E.B	A.P.TRANSCO	140.27
Maharashtra S.E.B	Karnataka E.B.	467.43
Maharashtra S.E.B	Kerala SEB	28.97
Maharashtra S.E.B.	Tamil Nadu E.B.	6.83

Contd.

**TABLE NO.43 (Contd.)
STATEMENT SHOWING INTERSTATE TRANSFER OF ENERGY
REGIONWISE/STATEWISE DURING 1999-2000**

Name of the Supplier	Name of the Purchaser	Energy Transferred (GWH)
SOUTHERN REGION	WESTERN REGION	
A.P.TRANSKO	M.P.E.B.	1.53
SOUTHERN REGION	EASTERN REGION	
A.P.TRANSKO	GRIDCO	131.94
EASTERN REGION	SOUTHERN REGION	
GRIDCO	A.P.TRANSKO	565.92

OUTSIDE THE COUNTRY

EXPORT

Bihar S.E.B.	Nepal	187.48
Tanakpur CGP	Nepal	13.34
Sub-Total		200.82

IMPORT

Nepal & Gandak Project	Bihar S.E.B.	42.05
Bhutan	D.V.C.	195.22
Bhutan	Bihar S.E.B.	524.51
Bhutan	West Bengal S.E.B.	596.79
Bhutan	Sikkim	28.23
Bhutan	GRIDCO	153.28
Sub-Total		1540.08

Note:- 1) D.V.C. is being treated as a separate entity for the purpose of this table.
2) Energy sent out to various States from jointly owned projects have been shown in Table No.39.
Haryana V.P.N: Haryana Vidyut Prasaran Nigam..
GRIDCO: Grid Power Corporation of Orissa Ltd.
A.P TRANSKO - Transmission Corp. of A.P. Limited.
CGP- Central Government Project.

SECTION VI

Operating Data (Utilities)

SECTION -VI

OPERATING DATA (UTILITIES)

The coal consumption by various steam stations in the country during the year 1999-2000 was 222.35 million metric tonnes as compared to 204.06 million metric tonnes during the previous year indicating an increase of 8.96%.

The consumption of fuels viz. FO increased by 8.32% and consumption of lignite increased by 0.11%. LSHS & HHS decreased by 2.31% & Diesel Oil decreased by 11.26%. The specific coal consumption in 1999-2000 is 0.71 Kg./per unit. The average heat input for all the power stations was 2797 K.Cal./Kwh. in 1999-2000 as compared to 2754 K.Cal./Kwh. in previous year.

Out of 78 coal fired steam turbine power stations, 14 power stations were having aggregate operating capacity of 5122.00 MW reported an overall thermal efficiency of less than 25% as on 31.3.2000. This group of power stations produced 18176.00 Gwh i.e. 5.56% of the total energy produced by the steam turbine power stations..

25 power stations with an aggregate Operating capacity of 10908.00 MW reported an overall thermal efficiency ranging between 25% to 30% and generated 83560 Gwh. i.e. 25.53% of total energy generation from steam turbine prime mover power plants in the country upto 31-3-2000. 39 power stations with an aggregate operating capacity of 38645.00 MW had an overall thermal efficiency above 30% and produced 225549 Gwh representing 68.91% of total energy produced by steam turbine prime mover plants during 1999-2000.

This section depicts the statewise and region wise picture of fuel consumption by various types of thermal power plants. Two tables, one showing the manpower engaged in various State Electricity Boards and the other indicating the simultaneous peak demand in various regions are also given in this Section.

TABLE NO.44
CONSUMPTION OF FOSSIL FUELS FOR ELECTRICITY GENERATION FOR
THERMAL STATIONS (BY KIND OF FUELS)
REGIONWISE/STATEWISE DURING 1999-2000

Region	State/U.Ts.	STEAM STATIONS	
		COAL (MT)	FURNACE OIL (KL)
NORTHERN REGION	Haryana	3062000	2985
	Himachal Pradesh	0	0
	Jammu & Kashmir	0	0
	Punjab	7418000	0
	Rajasthan	4643000	12333
	Uttar Pradesh	14512000	68162
	Chandigarh	0	0
	Delhi	1416000	0
	Central Sector	26296000	46639
	Sub-Total	57347000	130119
WESTERN REGION	Gujarat	15269000	50148
	Madhya Pradesh	15649000	47113
	Maharashtra	29656000	69330
	Goa	0	0
	D. & N. Haveli	0	0
	Daman & Diu	0	0
	Central Sector	19255000	17409
	Sub-Total	79829000	184000
SOUTHERN REGION	Andhra Pradesh	16099000	19273
	Karnataka	5526000	18755
	Kerala	0	0
	Tamil Nadu	13680000	136673
	Lakshadweep	0	0
	Pondicherry	0	0
	Central Sector	10458000	9161
	Sub-Total	45763000	183862
EASTERN REGION	Bihar	2977000	26274
	Orissa	2710000	3509
	West Bengal	10902000	3971
	D.V.C.	5483000	38669
	A & N. Islands	0	0
	Sikkim	0	0
	Central Sector	17224000	30944
	Sub-Total	39296000	103367
NORTH EASTERN REGION	Assam	116000	4310
	Manipur	0	0
	Meghalaya	0	0
	Nagaland	0	0
	Tripura	0	0
	Arunachal Pradesh	0	0
	Mizoram	0	0
	Central Sector	0	0
	Sub-Total	116000	4310
	Total (All India)	222351000	605658

Note - M T = Metric Tonnes K.L. = Kilo Liters.
source - O M Division, CEA.

Contd

TABLE NO.44
CONSUMPTION OF FOSSIL FUELS FOR ELECTRICITY GENERATION FOR
THERMAL STATIONS (BY KIND OF FUELS)
REGIONWISE/STATEWISE DURING 1999-2000

Region	State/U.Ts.	STEAM STATIONS			
		LIGHT DIESEL OIL/HSD(KL)	LSHS/HHS (KL)	NATURAL GAS (M.Cu.Mts.)	LIGNITE (MT)
NORTHERN REGION	Haryana	2740	18586	0	0
	Himachal Pradesh	0	0	0	0
	Jammu & Kashmir	0	0	0	0
	Punjab	2235	19917	0	0
	Rajasthan	827	0	0	0
	Uttar Pradesh	14995	0	0	0
	Chandigarh	0	0	0	0
	Delhi	14845	4686	0	0
	Central Sector	0	0	0	0
	Sub-Total	35642	43189	0	0
WESTERN REGION	Gujarat	5863	649018	0	1088000
	Madhya Pradesh	12945	0	0	0
	Maharashtra	9861	1275794	(A) 25407	0
	Goa	0	0	0	0
	D. & N. Haveli	0	0	0	0
	Daman & Diu	0	0	0	0
	Central Sector	0	0	0	0
	Sub-Total	28669	1924812	25407	1088000
SOUTHERN REGION	Andhra Pradesh	4159	0	0	0
	Karnataka	643	0	0	0
	Kerala	0	0	0	0
	Tamil Nadu	4866	0	0	0
	Lakshadweep	0	0	0	0
	Pondicherry	0	0	0	0
	Central Sector	440	14679	0	16190000
	Sub-Total	10108	14679	0	16190000
EASTERN REGION	Bihar	50236	0	0	0
	Orissa	7409	0	0	0
	West Bengal	55289	0	0	0
	D.V.C.	76159	0	0	0
	A. & N. Islands	0	0	0	0
	Sikkim	0	0	0	0
	Central Sector	0	0	0	0
	Sub-Total	189093	0	0	0
NORTH EASTERN REGION	Assam	798	12405	0	0
	Manipur	0	0	0	0
	Meghalaya	0	0	0	0
	Nagaland	0	0	0	0
	Tripura	0	0	0	0
	Arunachal Pradesh	0	0	0	0
	Mizoram	0	0	0	0
	Central Sector	0	0	0	0
	Sub-Total	798	12405	0	0
Total (All India)		264310	1995085	25407	17278000

(A)= Refinery Gas Mts.

Contd.

TABLE NO.44
CONSUMPTION OF FOSSIL FUELS FOR ELECTRICITY GENERATION FOR
THERMAL STATIONS (BY KIND OF FUELS)
REGIONWISE/STATEWISE DURING 1999-2000

Region	State/U.Ts.	STEAM STATIONS		
		HEAT INPUT (K.Cal.xBillion)	GROSS GENERATION (GWH)	AVERAGE HEAT INPUT (K.Cal./Kwh)
NORTHERN REGION	Haryana	12862	3811	3374
	Himachal Pradesh	0	0	0
	Jammu & Kashmir	0	0	0
	Punjab	30819	10862	2837
	Rajasthan	19609	7949	2467
	Uttar Pradesh	54870	18300	2998
	Chandigarh	0	0	0
	Delhi	5942	1789	3321
	Central Sector	101371	40461	2505
	Sub-Total	225473	83172	2885
WESTERN REGION	Gujarat	63925	23519	2718
	Madhya Pradesh	58284	20147	2892
	Maharashtra	112496	41556	2707
	Goa	0	0	0
	D. & N. Haveli	0	0	0
	Daman & Diu	0	0	0
	Central Sector	71799	29973	2395
		Sub-Total	306504	115195	2661
SOUTHERN REGION	Andhra Pradesh	56441	21500	2625
	Karnataka	19690	7761	2537
	Kerala	0	0	0
	Tamil Nadu	56926	18862	3018
	Lakshadweep	0	0	0
	Pondicherry	0	0	0
	Central Sector	84220	30147	2790
		Sub-Total	217277	78270	2775
EASTERN REGION	Bihar	13478	3416	3946
	Orissa	8400	3166	2653
	West Bengal	50110	15978	3136
	D V C	26243	7675	3419
	A. & N Islands	0	0	0
	Sikkim	0	0	0
	Central Sector	52785	20278	2603
		Sub-Total	151016	50513	2989
NORTH EASTERN REGION	Assam	730	135	5407
	Manipur	0	0	0
	Meghalaya	0	0	0
	Nagaland	0	0	0
	Tripura	0	0	0
	Arunachal Pradesh	0	0	0
	Mizoram	0	0	0
	Central Sector	0	0	0
		Sub-Total	730	135	5407
	Total (All India)	901000	327285	2797

Note= Including lignite Generation & heat input of Gujarat & Neyveli Lignite stations.

Contd.

TABLE NO.44
CONSUMPTION OF FOSSIL FUELS FOR ELECTRICITY GENERATION FOR
THERMAL STATIONS (BY KIND OF FUELS)
REGIONWISE/STATEWISE DURING 1999-2000

Region	State/U.Ts.	GAS STATIONS			Generation (GWH)
		Natural Gas (M.Cu.Mts.)	H.S.D. (Kilo Ltrs.)	Naptha (Kilo Ltrs.)	
NORTHERN REGION	Haryana	0	0	0	0
	Himachal Pradesh	0	0	0	0
	Jammu & Kashmir	0	0	0	0
	Punjab	0	0	0	0
	Rajasthan	147	9269	0	227.9
	Uttar Pradesh	0	0	0	0
	Chandigarh	0	0	0	0
	Delhi (E)	263	28	0	743.66
	Central Sector (E)	2869	130000	82358	14466
Sub-Total	3279	139297	82358	15437.56	
WESTERN REGION	Gujarat	965	49508	671746	9224.29
	Madhya Pradesh	0	0	0	0
	Maharashtra (E)	1639	0	79191	9156.48
	Goa	0	0	0	0
	D. & N. Haveli	0	0	0	0
	Daman & Diu	0	0	0	0
	Central Sector (E)	1518	2773	0	7070
Sub-Total	4122	52281	750937	25450.77	
SOUTHERN REGION	Andhra Pradesh	564	912	26300	3969.51
	Karnataka	0	0	0	0
	Kerala	35	0	0	5
	Tamil Nadu	10	12784	66209	216.86
	Lakshadweep	0	0	0	0
	Pondicherry	929	0	0	132
	Central Sector (E)	1099	0	0	1249
Sub-Total	2637	13696	92509	5572.37	
EASTERN REGION	Bihar	0	0	0	0
	Orissa	0	0	0	0
	West Bengal	0	6384	0	12.29
	D.V.C.	0	8092	269	21.07
	A. & N. Islands	0	0	0	0
	Sikkim	0	0	0	0
	Central Sector	0	0	0	0
Sub-Total	0	14476	269	33.36	
NORTH EASTERN REGION	Assam	371	0	0	859.17
	Manipur	0	0	0	0
	Meghalaya	0	0	0	0
	Nagaland	0	0	0	0
	Tripura (E)	228	0	0	251.26
	Arunachal Pradesh	0	0	0	0
	Mizoram	0	0	0	0
	Central Sector	583	0	0	1472.65
Sub-Total	1182	0	0	2583.08	
Total (All India)		11220	219750	926073	49077.14

Sources= State Electricity Boards.
(E)= Estimated

Contd.

TABLE NO.44
CONSUMPTION OF FOSSIL FUELS FOR ELECTRICITY GENERATION FOR
THERMAL STATIONS (BY KIND OF FUELS)
REGIONWISE/STATEWISE DURING 1999-2000

Region	State/U.Ts.	DIESEL STATIONS		
		Diesel Oil (Kilo Ltrs.)	Generation (GWH)	Average Oil Consumed (Ltrs./Kwh)
NORTHERN REGION	Haryana	0.00	0.00	0.00
	Himachal Pradesh	0.00	0.00	0.00
	Jammu & Kashmir	0.00	0.00	0.00
	Punjab	0.00	0.00	0.00
	Rajasthan	0.00	0.00	0.00
	Uttar Pradesh	0.00	0.00	0.00
	Chandigarh	0.00	0.00	0.00
	Delhi	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00
WESTERN REGION	Gujarat	20.00	0.10	0.20
	Madhya Pradesh	0.00	0.00	0.00
	Maharashtra	0.00	0.00	0.00
	Goa	0.00	0.00	0.00
	D. & N. Haveli	0.00	0.00	0.00
	Daman & Diu	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
		Sub-Total	20.00	0.10	0.20
SOUTHERN REGION	Andhra Pradesh	0.00	0.00	0.00
	Karnataka	139469.00	708.00	0.20
	Kerala (E)	121350.00	579.00	0.21
	Tamil Nadu (E)	235349.00	1478.00	0.16
	Lakshadweep	6580.00	19.39	0.34
	Pondicherry	0.00	0.00	0.00
	Central Sector	0.00	0.00	0.00
	Sub-Total	502748.00	2784.39	0.18
EASTERN REGION	Bihar	0.00	0.00	0.00
	Orissa	0.00	0.00	0.00
	West Bengal	40.00	0.20	0.20
	D.V.C.	0.00	0.00	0.00
	A. & N. Islands (E)	26757.00	104.00	0.34
	Sikkim (E)	208.00	1.05	0.20
	Central Sector	0.00	0.00	0.00
	Sub-Total	27005.00	105.25	0.30
NORTH EASTERN REGION	Assam	0.00	0.00	0.00
	Manipur	158.00	0.46	0.34
	Meghalaya	0.00	0.00	0.00
	Nagaland (E)	35.00	0.25	0.14
	Tripura (E)	647.00	1.85	0.35
	Arunachal Pradesh	4787.00	10.11	0.47
	Mizoram	3903.00	8.00	0.49
	Central Sector	0.00	0.00	0.00
	Sub-Total	9530.00	20.67	0.46
	Total (All India)	539303.00	2910.41	0.19

(E)= Estimated

TABLE NO.45
CLASSIFICATION OF STEAM STATIONS - EFFICIENCYWISE
DURING 1999-2000

Overall Thermal Efficiency	No. of Generating Stations	Aggregate Operating Capacity (MW)	Energy Generated (GWH)	%age to Total Generation
Above 15% & Upto 20%	6	1292.00	3856.00	1.18
Above 20% & Upto 25%	8	3830.00	14320.00	4.38
Above 25% & Upto 30%	25	10908.00	83560.00	25.53
Above 30%	39	38645.00	225549.00	68.91
Total	78	54675.00	327285.00	100.00

Note:-1. The above classification includes Lignite & units below 20 MW.
2. There is no power stations having efficiency below 15%.

TABLE NO.46
SALIENT OPERATING DATA FOR STEAM POWER STATIONS (UTILITIES)
DURING 1999-2000

S.No.	Item	1999-2000	1998-1999	%Increase/ decrease
i.	No. of steam power Stations.	78	75	4.00
ii.	Aggregate operating capacity(M.W.)	54675	52479	4.18
iii.	Total Energy generated (Gross)(GWH)	327285	290745	12.57
iii.	Fuel used(All Stations)			
(a)(i)	Coal (Tonnes)	222351000	204061000	8.96
(ii)	Average calorific value K. Cal./Kg.	3873	3816	
(b)(i)	Lignite (Tonnes)	17278000	17259000	0.11
(ii)	Average calorific value K. Cal./Kg.	2716	2664	
(c)(i)	Furnace Oil (K.Ltrs.)	605658	559113	8.32
(ii)	Average calorific value K. Cal./Kg.	9446	9349	
(d)(i)	Diesel Oil Oil (K Ltrs.)	264310	297848	-11.26
(ii)	Average calorific value K. Cal./Kg.	8620	9028	
(e)(i)	LSHS & HHS (K.L.)	1995085	1949983	2.31
(ii)	Average calorific value K. Cal./Ltrs.	9192	8800	
(f)	Specific Coal consumption Kg//Kwh	0.71	0.72	
(g)	Specific Lignite consumption Kg//Kwh	1.20	1.20	

* Three lignite fired steam turbine power stations, Viz Kutch lignite in Gujarat State Sector and Neyveli Lignite power station I&II in Tamil Nadu under Central Sector has been considered.

TABLE NO.47
ACTUAL SIMULTANEOUS PEAK DEMAND
REGIONWISE DURING 1999-2000

Region	Month in which demand was (Maximum)	Actual Peak Demand (MW) simultaneous	Peak Demand in March, 2000 (MW)
Northern	August 99'	21171	19303
Western	Jan. 2000	22373	22062
Southern	March,2000	18535	18535
Eastern	February, 2000	7235	7175
North Eastern	December,2000	977	955
All India	January,2000	68034*	68030*

(1) Annual Reports of Regional Electricity Boards.

(2) * This is non-concident aggregate of simultaneous Peak Demand of various Regions in the country.

**TABLE NO.48
MANPOWER ENGAGED IN STATE ELECTRICITY BOARDS, DVC &
POWER CORPORATION AS (ON 31.3.2000)**

REGULAR				
Name of the Board Undertaking	Managerial and higher executive	Technical and Scientific Officers	Technical Supervisory Staff	Technicians and Operating Staff
1	2	3	4	5
NORTHERN REGION				
Haryana®	N.A.	N.A.	N.A.	N.A.
Himachal Pradesh®	21	961	2570	N.A.
J&K ®	N.A.	N.A.	N.A.	48
Punjab ®	N.A.	2950	N.A.	N.A.
Rajasthan	23	2272	2651	33952
Uttar Pradesh®	4639	4639	6012	75628
DVB	N.A.	16553	N.A.	N.A.
WESTERN REGION				
Gujarat	18	2697	2654	28691
Madhya Pradesh®	57	4499	4775	59434
Maharashtra ®	36	980	8403	80270
SOUTHERN REGION				
Andhra Pradesh	35	1913	3637	37570
Karnataka	18	2561	1893	26184
Kerala®	26	3022	2583	12516
Tamil Nadu	42	3822	6059	56916
EASTERN REGION				
Bihar	37	3042	609	17239
Orissa ®	7	750	108	1430
West Bengal	13	1539	13778	NA
D.V.C.	30	1296	762	3502
NORTH EASTERN REGION				
Assam	11	983	1397	10420
Meghalaya	5	271	125	1841

1- N A - Information not available.

2- ® - Repeted .

**TABLE NO.48 (Contd.)
MANPOWER ENGAGED IN STATE ELECTRICITY BOARDS, DVC &
POWER CORPORATION AS ON 31.3.2000 (AS REPORTED)**

Name of the Board/ Undertaking	REGULAR		NON	REGULAR
	Non- Technical	Total (Regular) (2to6)	Technical Trainee & Apprentices	Work Charged Staff
	6	7	8	9
NORTHERN REGION				
Haryana®	N.A	N.A	N.A	N.A
Himachal Pradesh®	642	4199	14	N.A
J&K ®	N.A	48	14	N.A
Punjab ®	72192	75142	N.A	13306
Rajasthan	14334	53232	475	57
Uttar Pradesh®	46363	137281	N.A	35277
DVB	7416	23969	N.A	N.A
WESTERN REGION				
Gujarat	16781	50841	N.A.	N.A
Madhya Pradesh®	28506	97271	6	N.A
Maharashtra (R)	21216	110905	N.A.	N.A
SOUTHERN REGION				
Andhra Pradesh	16222	59377	N.A.	643
Karnataka	9577	40233	N.A.	N.A
Kerala®	8672	26819	N.A.	N.A
Tamil Nadu	31172	98011	N.A.	1473
EASTERN REGION				
Bihar	229	21156	N.A	N.A
Orissa ®	1358	3653	N.A.	1452
West Bengal	331	15661	N.A.	21906
D.V.C.	428	6018	N.A.	8242
NORTH EASTERN REGION				
Assam	6607	19418	N.A.	N.A.
Meghalaya	1826	4068	N.A.	N.A

Contd.

TABLE NO.48 (Contd.)
MANPOWER ENGAGED IN STATE ELECTRICITY BOARDS, DVC &
POWER CORPORATION AS ON 31.3.2000 (AS REPORTED)

Name of the Board Undertaking	Casual	Total Non-Regular (8+9+10)	Total Regular & Non-Regular (7+11)
	10	11	12
NORTHERN REGION			
Haryana®	N.A.	N.A.	54083
Himachal Pradesh®	2012	2026	6220
J&K ®	N.A.	14	62
Punjab ®	N.A.	N.A.	88448
Rajasthan	163	695	53927
Uttar Pradesh®	N.A.	35277	172558
DVB	N.A.	N.A.	23969
WESTERN REGION			
Gujarat	N.A.	N.A.	50841
Madhya Pradesh®	N.A.	6	97277
Maharashtra ®	N.A.	N.A.	110905
SOUTHERN REGION			
Andhra Pradesh	N.A.	643	60020
Karnataka	N.A.	N.A.	40233
Kerala®	N.A.	N.A.	26819
Tamil Nadu	N.A.	1473	99484
EASTERN REGION			
Bihar	N.A.	10191	31347
Orissa ®	1137	2589	6242
West Bengal	N.A.	21906	37567
D.V.C.	N.A.	8242	14260
NORTH EASTERN REGION			
Assam	N.A.	N.A.	19418
Meghalaya	N.A.	N.A.	4068

SECTION VII

Transmission & Distribution

SECTION -VII

TRANSMISSION AND DISTRIBUTION

I. Transmission and Distribution

An extensive network of Transmission and Distribution lines has been developed over the years for evacuating power produced in the various generating stations and distributing the same to the consumers. Depending upon the quantum of power and the distance involved lines of appropriate voltages are laid. The nominal Extra High Voltage lines in vogue are HVDC, 400 KV, 230/220 KV, 110 KV and 66 KV lines have been introduced by all the SEBs including Central Sector.

The standard voltage of operation on the distribution side are 33 KV, 22 KV, 11KV, 400/230 Volts besides 6.6 KV, 3.3 KV and 2.2 KV. The low voltage system has 3 phase 4 wires supply giving 400/420 volts between 2 phases and 220/240 volts between phase and neutral. This has been universally adopted throughout the country.

The following table depicts the length of lines operating at various voltages as on 31.3.2000 with percentage increase over previous year.

<u>Length of Lines (Ckt.Kms.)</u>			
<u>Voltages</u>	<u>31.3.99</u>	<u>31.3.2000</u>	<u>% Increase</u>
HVDC	1667	1672	0.30
400 KV	36112	37636	4.22
230/220 KV	85141	86963	2.14
132/110/90 KV	105744	107522	1.68
78/66 KV	41044	41646	1.47
33/22 KV	263165	262833	(-) 0.13
15/11 KV	1634840	1660453	1.57
6.6/3.3/2.2 KV	4494	4431	1.40
Distribution lines			
Upto 500 volts	3538189	3525121	(-)0.37
	5710396	5728277	0.31

The State of Maharashtra has the largest Transmission and Distribution network of 681374 Ckt. Kms in the country. Apart from Andhra Pradesh the States of Punjab, Haryana, Rajasthan, Uttar Pradesh, Gujarat, Madhya Pradesh, Maharashtra, Karnataka, Kerala, Tamil Nadu, Bihar, West Bengal and Orissa have more than 1 lakh Ckt. Kms. of T&D Lines.

II. Transformers

The total number of step up transformers installed at various generating stations and sub stations in the country as on 31st March, 2000 were 1770 having aggregate capacity of 96156.85 MVA. The number and capacity of step down and distribution transformers as on the same date were 55821 and 2089009 numbers with aggregate capacity of 379874.08 MVA and 179930.70 MVA respectively .

TABLE NO. 41
LENGTH OF TRANSMISSION AND DISTRIBUTION LINES
REGIONWISE/STATEWISE - AS ON 31ST MARCH, 2000

Name of the REGION Board	Name of the State/U.Ts.	(Ckt. Kms.)				
		Total	HVDC (O.H.)	400 KV (O.H.)	230 KV (O.H.)	220 KV (O.H.)
NORTHERN REGION	Haryana	170445	0	0	0	1066
	Himachal Pradesh (R)	69106	0	0	0	211
	Jammu & Kashmir (R)	41774	0	0	0	224
	Punjab	260283	0	574	0	6408
	Rajasthan	398059	0	287	0	6353
	Uttar Pradesh	475596	0	2819	0	6132
	Chandigarh	1868	0	0	0	0
	Delhi	34278	0	48	0	492
	Central Sector (R)	10228	1630	5525	0	3073
	Sub-Total	1461637	1630	9253	0	23959
WESTERN REGION	Gujarat	353625	0	1997	0	9715
	Madhya Pradesh	620524	0	1982	0	8086
	Maharashtra	681374	0	6166	2	9824
	Goa (R)	9174	0	0	0	24
	Daman & Diu	773	0	0	0	0
	D&N Haveli (R)	1314	0	0	0	0
Sub-Total	1573050	0	15501	2	28559	
SOUTHERN REGION	Andhra Pradesh	675704	37	0	0	8431
	Karnataka	498105	0	1216	0	7142
	Kerala	217294	0	0	0	2237
	Tamil Nadu	558903	0	0	6130	0
	Lakshadweep	236	0	0	0	0
Sub-Total	1961886	37	7662	6193	17874	
EASTERN REGION	Bihar	179625	0	235	0	1717
	Orissa (R)	124754	0	397	0	1608
	West Bengal	164899	0	913	0	2266
	D.V.C.	5387	0	0	0	1152
	A. & N. Islands	3714	0	0	0	0
	Sikkim (R)	5156	0	0	0	0
	Central Sector (R)	5602	0	3675	0	1927
Sub-Total	482007	0	5220	0	8670	
NORTH EASTERN REGION	Assam	82427	0	0	0	1365
	Manipur	11957	0	0	0	0
	Meghalaya	10702	0	0	0	0
	Nagaland (R)	10675	0	0	0	0
	Tripura (R)	10139	0	0	0	0
	Arunachal Pradesh	13666	0	0	0	0
	Mizoram	9005	0	0	0	0
	Central Sector (R)	1127	5	0	0	341
	Sub-Total	149698	5	0	0	1706
Total (ALL INDIA)	5728277	1672	37636	6195	80768	

(R) - Repeated

Contd

TABLE NO.49 (Contd.)
LENGTH OF TRANSMISSION AND DISTRIBUTION LINES
REGIONWISE/STATEWISE - AS ON 31ST MARCH, 2000

		(Ckt. Kms.)				
	Name of the State/U. Ts.	132 KV	110/90 KV	78/66 KV	33KV	
		(O.H.)	(O.H.)	(O.H.)	(O.H.)	(U.G.)
NORTHERN REGION	Haryana	1883	0	1509	4473	0
	Himachal Pradesh (R)	890	0	326	2272	7
	Jammu & Kashmir (R)	659	0	0	1693	0
	Punjab	2981	0	4416	1598	0
	Rajasthan	9941	0	303	25393	0
	Uttar Pradesh	10453	0	3139	25968	3
	Chandigarh	0	0	70	28	0
	Delhi	0	0	522	1043	0
	Central Sector (R)	0	0	0	0	0
	Sub-Total	26807	0	10285	62468	10
WESTERN REGION	Gujarat	4433	0	13030	150	0
	Madhya Pradesh	11841	0	61	34940	0
	Maharashtra	8479	3229	3264	24635	430
	Goa (R)	0	198	0	828	0
	Daman & Diu	0	0	45	0	0
	D&N Haveli (R)	0	0	59	0	0
	Central Sector (R)	0	0	0	0	0
		Sub-Total	24753	3427	16459	60553	430
SOUTHERN REGION	Andhra Pradesh	11565	0	633	27857	49
	Karnataka	0	6023	6092	6381	0
	Kerala	0	2810	2764	0	0
	Tamil Nadu	0	11265	2808	4726	321
	Lakshadweep	0	0	0	0	0
	Pondicherry	36	189	0	0	0
	Central Sector (R)	0	0	0	0	0
	Sub-Total	11601	20287	12297	38964	370
EASTERN REGION	Bihar	4274	0	0	9042	0
	Orissa	4277	0	136	9430	10
	West Bengal	4131	0	826 (R)	7130	858
	D V C	3151	0	0	1084	0
	A & N Islands	0	0	0	322	0
	Sikkim (R)	0	0	273	0	0
	Central Sector (R)	0	0	0	0	0
	Sub-Total	15833	0	1235	19878	868
NORTH EASTERN REGION	Assam	2048	0	727	4582	0
	Manipur	389	0	0	528	0
	Meghalaya (R)	595	0	0	902	0
	Nagaland (R)	240	0	236	1874	0
	Tripura (R)	228	0	297	512	0
	Arunachal Pradesh	0	0	0	3033	0
	Mizoram	533	0	110	768	0
	Central Sector (R)	781	0	0	0	0
		Sub-Total	4814	0	1370	12199	0
	Total (ALL INDIA)	83808	23714	41646	194062	1678

Note In certain class of voltage figures have gone down as compared to previous year due to revision/deletion or wrongly reported data by State Electricity Board/Electricity Department.

Contd.

TABLE NO.49 (Contd.)
LENGTH OF TRANSMISSION AND DISTRIBUTION LINES
REGIONWISE/STATEWISE - AS ON 31ST MARCH, 2000

REGION	Name of the State/U.Ts.	22/20 KV		15/11 KV		6.6 KV	
		(O.H.)	(U.G.)	(O.H.)	(U.G.)	(O.H.)	(U.G.)
NORTHERN REGION	Haryana	0	0	55765	0	0	0
	Himachal Pradesh (R)	4804	0	14248	51	0	0
	Jammu & Kashmir (R)	0	0	11428	0	0	0
	Punjab	0	0	89723	0	70	52
	Rajasthan	0	0	150652	0	0	0
	Uttar Pradesh	0	0	194598	24	0	0
	Chandigarh	0	0	690	0	0	0
	Delhi	0	0	3889	5349	0	0
	Central Sector (R)	0	0	0	0	0	0
	Sub-Total	4804	0	520993	5424	70	52
WESTERN REGION	Gujarat	5802	0	124361	2175	0	0
	Madhya Pradesh	0	0	195232	540	0	0
	Maharashtra	21231	1040	157573	4994	49	1320
	Goa (R)	0	0	2304	0	0	0
	Daman & Diu	0	0	199	4	0	0
	D&N Haveli (R)	0	0	355	0	0	0
	Central Sector (R)	0	0	0	0	0	0
		Sub-Total	27033	1040	480024	7713	49	1320
SOUTHERN REGION	Andhra Pradesh	0	0	161813	516	0	0
	Karnataka (R)	0	0	118714	1296	0	0
	Kerala	0	0	28984	0	0	0
	Tamil Nadu	33439	49	78136	1279	0	0
	Lakshadweep	0	0	0	34	0	0
	Pondicherry	678	0	261	36	0	0
	Central Sector (R)	0	0	0	0	0	0
	Sub-Total	34117	49	387908	3161	0	0
EASTERN REGION	Bihar	0	0	74564	0	0	0
	Orissa	0	0	49949	192	0	0
	West Bengal (R)	0	50	67329	312	18	2605
	D.V.C.	0	0	0	0	0	0
	A. & N. Islands	0	0	701	0	0	0
	Sikkim (R)	0	0	2109	24	0	0
	Central Sector (R)	0	0	0	0	0	0
	Sub-Total	0	50	194652	528	18	2605
NORTH EASTERN REGION	Assam	0	0	31963	0	0	0
	Manipur	0	0	4936	0	0	0
	Meghalaya	0	0	5187	0	0	0
	Nagaland(R)	0	0	4007	0	0	0
	Tripura (R)	0	0	4981	0	0	0
	Arunachal Pradesh	0	0	3852	0	0	0
	Mizoram	0	0	5124	0	0	0
	Central Sector (R)	0	0	0	0	0	0
	Sub-Total	0	0	60050	0	0	0
	Total (ALL INDIA)	65954	1139	1643627	16826	137	3977

Contd.

TABLE NO.49 (Contd.)
LENGTH OF TRANSMISSION AND DISTRIBUTION LINES
REGIONWISE/STATEWISE - AS ON 31ST MARCH, 2000

REGION	Name of the State/U.Ts.	3.3/ 2.2 KV		Distribution lines upto 800 Volts
		(O.H.)	(U.G.)	
NORTHERN REGION	Haryana	0	0	105749
	Himachal Pradesh (R)	5	41	46251
	Jammu & Kashmir (R)	0	0	27770
	Punjab	0	0	154461
	Rajasthan	14	0	205116
	Uttar Pradesh	0	0	232460
	Chandigarh	0	0	1080
	Delhi	0	0	22935
	Central Sector (R)	0	0	0
	Sub-Total	19	41	795822
WESTERN REGION	Gujarat	0	107	191855
	Madhya Pradesh	49	0	367793
	Maharashtra (R)	0	0	439138
	Goa (R)	0	0	5820
	Daman & Diu	0	0	525
	D&N Haveli (R)	0	0	900
	Central Sector (R)	0	0	0
	Sub-Total	49	107	1006031
SOUTHERN REGION	Andhra Pradesh	0	34	464769
	Karnataka	0	0	351241
	Kerala	0	0	180499
	Tamil Nadu	0	0	420750
	Lakshadweep	18	0	184
	Pondicherry	0	0	3870
	Central Sector (R)	0	0	0
	Sub-Total	18	34	1421313
EASTERN REGION	Bihar	0	0	89793
	Orissa (GRIDCO) (R)	0	0	58755
	West Bengal (R)	11	23	78427
	D.V.C.	0	0	0
	A & N. Islands	0	0	2691
	Sikkim (R)	15	0	2735
	Central Sector (R)	0	0	0
	Sub-Total	26	23	232401
NORTH EASTERN REGION	Assam	0	0	41742
	Manipur	0	0	6104
	Meghalaya	0	0	4018
	Nagaland(R)	0	0	4318
	Tripura (R)	0	0	4121
	Arunachal Pradesh	0	0	6781
	Mizoram	0	0	2470
	Central Sector (R)	0	0	0
	Sub-Total	0	0	69554
	Total (ALL INDIA)	112	205	3525121

(R) - Repeated

TABLE NO.50
LENGTH OF TRANSMISSION AND DISTRIBUTION LINES IN
STATE ELECTRICITY BOARDS - AS ON 31ST MARCH, 2000

(Ckt. Kms.)

REGION	Name of the Board	Total	HVDC	400 KV	230 KV	220 KV
			(O.H.)	(O.H.)	(O.H.)	(O.H.)
NORTHERN REGION	Himachal Pradesh	69106	0	0	0	211
	Jammu& Kashmir(R)	41774	0	0	0	224
	Punjab	256448	0	0	0	3418
	Rajasthan	398059	0	287	0	6353
	Uttar Pradesh (R)	474704	0	2819	0	6132
	Delhi Vidyut Board	32474	0	48	0	503
	Sub-Total	1272565	0	3154	0	16841
WESTERN REGION	Gujarat (R)	340444	0	1505	0	9367
	Madhya Pradesh	617331	0	1751	0	8079
	Maharashtra	665290	0	6166	0	9351
	Sub-Total	1623065	0	9422	0	26797
SOUTHERN REGION	Karnataka	501899	0	1216	0	7142
	Kerala	217260	0	0	0	2237
	Tamil Nadu	552103	0	0	6130	0
	Sub-Total	1271262	0	1216	6130	9379
EASTERN REGION	Bihar	179492	0	235	0	1584
	West Bengal	149601	0	733	0	2102
	Sub-Total	329093	0	968	0	3686
NORTH EASTERN REGION	Assam (R)	82427	0	0	0	1365
	Meghalaya	10702	0	0	0	0
	Sub-Total	93129	0	0	0	1365
	Total (All Boards)	4589114	0	14760	6130	58068

(R) : Data Repeated

Contd.

**TABLE NO.50 (Contd.)
LENGTH OF TRANSMISSION AND DISTRIBUTION LINES IN
STATE ELECTRICITY BOARDS - A\$ ON 31ST MARCH, 2000**

(Ckt.Kms.)

REGION	Name of the Board	132 KV	110/90 KV	78/66 KV	33 KV	
		(O.H.)	(O.H.)	(O.H.)	(O.H.)	(U.G.)
NORTHERN REGION	Himachal Pradesh	890	0	326	2272	7
	Jammu& Kashmir(R)	659	0	0	1693	0
	Punjab	2951	0	4297	1598	0
	Rajasthan	9941	0	303	25393	0
	Uttar Pradesh (R)	10453	0	3139	25902	0
	Delhi Vidyut Board	0	0	536	1071	0
	Sub-Total	24894	0	8601	57929	7
WESTERN REGION	Gujarat (R)	4313	0	12980	150	0
	Madhya Pradesh	11731	0	61	34940	0
	Maharashtra	8479	2257	3264	24635	430
	Sub-Total	24523	2257	16305	59725	430
SOUTHERN REGION	Karnataka	0	6023	6092	6311	0
	Kerala	0	2810	2764	0	0
	Tamil Nadu	0	11265	2808	4726	321
	Sub-Total	0	20098	11664	11037	321
EASTERN REGION	Bihar	4274	0	0	9042	0
	West Bengal	3894	0	798 (R)	7014	0
	Sub-Total	8168	0	798	16056	0
NORTH EASTERN REGION	Assam (R)	2048	0	727	4582	0
	Meghalaya	595	0	0	902	0
	Sub-Total	2643	0	727	5484	0
	Total (All Boards)	60228	22355	38095	150231	758

Note - In certain class of voltage, figures have gone down as compared to previous year due to revision/deletion or wrongly reported data by State Electricity Board/Electricity Department.

Contd.

**TABLE NO.50 (Contd.)
LENGTH OF TRANSMISSION AND DISTRIBUTION LINES IN
STATE ELECTRICITY BOARDS - AS ON 31ST MARCH, 2000**

(Ckt. Kms.)

REGION	Name of the Board	22/20 KV		15/11 KV		6.6 KV	
		(O.H.)	(U.G.)	(O.H.)	(U.G.)	(O.H.)	(U.G.)
NORTHERN REGION	Himachal Pradesh	4804	0	14248	51	0	0
	Jammu & Kashmir (R)	0	0	11428	0	0	0
	Punjab	0	0	89723	0	0	0
	Rajasthan	0	0	150652	0	0	0
	Uttar Pradesh (R)	0	0	194216	0	0	0
	Delhi Vidyut Board	0	0	9031	0	0	0
	Sub-Total	4804	0	469298	51	0	0
WESTERN REGION	Gujarat (R)	5798	0	123562	0	0	0
	Madhya Pradesh	0	0	192667	540	0	0
	Maharashtra	20913	328	154275	1688	0	0
	Sub-Total	26711	328	470504	2228	0	0
SOUTHERN REGION	Karnataka	0	0	125395	1276	0	0
	Kerala	0	0	28950	0	0	0
	Tamil Nadu	33439	49	76994	1279	0	0
	Sub-Total	33439	49	231339	2555	0	0
EASTERN REGION	Bihar	0	0	74564	0	0	0
	West Bengal (R)	0	0	66513	0	0	0
	Sub-Total	0	0	141077	0	0	0
NORTH EASTERN REGION	Assam (R)	0	0	31963	0	0	0
	Meghalaya	0	0	5187	0	0	0
	Sub-Total	0	0	37150	0	0	0
	Total (All Boards)	64954	377	1349368	4834	0	0

Contd.

**TABLE NO.50 (Contd.)
LENGTH OF TRANSMISSION AND DISTRIBUTION LINES IN
STATE ELECTRICITY BOARDS - AS ON 31ST MARCH, 2000**

(Ckt. Kms.)

REGION	Name of the Board	3.3/2.2. KV		Distribution line upto 500 volts.
		(O.H.)	(U.G.)	
NORTHERN REGION	Himachal Pradesh	5	41	46251
	Jammu & Kashmir (R)	0	0	27770
	Punjab	0	0	154461
	Rajasthan	14	0	205116
	Uttar Pradesh (R)	0	0	232043
	Delhi Vidyut Board	0	0	21285
	Sub-Total	19	41	686926
WESTERN REGION	Gujarat (R)	0	0	182769
	Madhya Pradesh	9	0	367553
	Maharashtra	0	0	433504
	Sub-Total	9	0	983826
SOUTHERN REGION	Karnataka	0	0	348444
	Kerala	0	0	180499
	Tamil Nadu	0	0	415092
	Sub-Total	0	0	944035
EASTERN REGION	Bihar	0	0	89793
	West Bengal (R)	0	0	68547
	Sub-Total	0	0	158340
NORTH EASTERN REGION	Assam (R)	0	0	41742
	Meghalaya	0	0	4018
	Sub-Total	0	0	45760
	Total (All Boards)	28	41	2818887

Note: In certain cases, 1999-2000 figures may not be consistent with the last year figures because of estimation of data due to improper reporting or revision of data by Electricity Boards.

TABLE NO.51
NUMBER OF TRANSFORMERS AND THEIR AGGREGATE CAPACITY
(UTILITIES ONLY) REGIONWISE/STATEWISE AS ON 31.3.2000

REGION	Name of the State/U.Ts.	STEP UP		STEP DOWN	
		Number	Aggregate Capacity (KVA)	Number	Aggregate Capacity (KVA)
NORTHERN REGION	Haryana	14	1078334	459	10812970
	Himachal Pradesh (R)	63	393657	316	2018837
	Jammu & Kashmir (R)	58	341000	116	609950
	Punjab	95	6317641	610	24290100
	Rajasthan	40	2229330	3059	22976990
	Uttar Pradesh (R)	97	6970240	3267	36019240
	Chandigarh	1	1500	35	411500
	Delhi	6	575000	404	12277000
	Central Sector (R)	85	1506312	147	1963585
	Sub-Total	459	19413014	8413	111380172
WESTERN REGION	Gujarat	82	7646130	1682	36125090
	Madhya Pradesh (R)	78	9327000	2660	70464735
	Maharashtra	108	13524025	(R) 3214	50434300
	Goa (R)	0	0	72	1181300
	Daman & Diu	0	0	0	0
	D. & N. Haveli (R)	0	0	7	60000
	Central Sector (R)	35	937000	35	1564000
	Sub-Total	303	31434155	7670	159829425
SOUTHERN REGION	Andhra Pradesh (R)	121	6477520	1848	13283410
	Karnataka	98	5193810	1272	20191800
	Kerala	61	2197480	442	9054500
	Tamil Nadu	172	6369549	1674	25707160
	Lakshadweep	17	6240	0	0
	Pondicherry	6	44000	23	492000
	Central Sector (R)	36	6505600	66	1423000
	Sub-Total	511	26794199	5325	70151870
EASTERN REGION	Bihar	32	2084000	1059	7979550
	Orissa (R)	77	4415400	32175	8315170
	West Bengal	85	3834019	536	12209275
	D.V.C.	26	3097200	90	433600
	A. & N. Islands	34	48755	0	0
	Sikkim	34	38125	19	59750
	Central Sector (R)	9	3270000	45	6377000
	Sub-Total	297	16787499	33924	35374345
NORTH EASTERN REGION	Assam	33	763665	166	1763390
	Manipur	4	2800	47	309800
	Meghalaya	15	239000	79	319020
	Nagaland (R)	7	6850	63	268450
	Tripura (R)	11	64140	63	255770
	Arunachal Pradesh (R)	56	36915	21	23185
	Mizoram	48	17646	49	193650
	Central Sector (R)	26	596970	1	5000
		Sub-Total	200	1727986	489	3138265
	Total (All India)	1770	96156853	55821	379874077

Note:- Data in Central Sector includes the Capacity of Power Grid Corpn.

(R) : Repeated

Contd.

TABLE NO.51
NUMBER OF TRANSFORMERS AND THEIR AGGREGATE CAPACITY
(UTILITIES ONLY) REGIONWISE/STATEWISE AS ON 31.3.2000

REGION	Name of the State/U.Ts.	DISTRIBUTION	
		Number	Aggregate Capacity (KVA)
NORTHERN REGION	Haryana	103678	7272612
	Himachal Pradesh	12827	908582
	Jammu & Kashmir(R)	5661	883910
	Punjab	166856	11268097
	Rajasthan	196396	10062377
	Uttar Pradesh (R)	315146	17518011
	Chandigarh	1142	365920
	Delhi	6483	5323000
	Central Sector (R)	162	190000
	Sub-Total	808351	53792509
WESTERN REGION	Gujarat	191600	29002733
	Madhya Pradesh (R)	249003	14149999
	Maharashtra (R)	179637	20028403
	Goa(R)	3133	320193
	Daman & Diu	290	68534
	D. & N. Haveli (R)	407	78980
	Central Sector (R)	20	31830
	Sub-Total	624090	63680672
SOUTHERN REGION	Andhra Pradesh (R)	177344	10765846
	Karnataka	139170	12012274
	Kerala	29494	3879531
	Tamil Nadu	127429	14295880
	Lakshadweep	56	4601
	Pondicherry	1280	236938
	Central Sector (R)	128	151270
	Sub-Total	474901	41346340
EASTERN REGION	Bihar	48902	3925150
	Orissa (R)	31290	4837950
	West Bengal (R)	69802	6261016
	D.V.C.	136	104650
	A & N. Islands	381	43325
	Sikkim	1274	63337
	Central Sector (R)	43	54760
	Sub-Total	151828	15290188
NORTH EASTERN REGION	Assam	19122	4844888
	Manipur	2221	236899
	Meghalaya	2525	240364
	Nagaland (R)	1362	87627
	Tripura (R)	3210	269053
	Arunachal Pradesh(R)	367	31670
	Mizoram	1032	110486
	Central Sector (R)	0	0
Sub-Total	29839	5820987	
Total (All India)		2089009	179930696

TABLE NO.52
NUMBER OF TRANSFORMERS AND THEIR AGGREGATE CAPACITY
IN STATE ELECTRICITY BOARDS AS ON 31ST MARCH, 2000

REGION	Name of the Board	STEP UP		STEP DOWN	
		Number	Aggregate Capacity (KVA)	Number	Aggregate Capacity (KVA)
NORTHERN REGION	Himachal Pradesh	63	393657	316	2018837
	Jammu & Kashmir (R)	58	341000	116	609950
	Punjab	52	3169600	518	18931500
	Rajasthan	40	2229330	3059	22976990
	Uttar Pradesh (R)	97	6970240	3267	36019240
	Delhi	6	575000	404	12277000
	Sub-Total	316	13678827	7680	92833517
WESTERN REGION	Gujarat (R)	45	6238000	1579	34300000
	Madhya Pradesh	53	4293705	3134	28889100
	Maharashtra (R)	82	10209025	1063	39322900
	Sub-Total	180	20740730	5776	102512000
SOUTHERN REGION	Karnataka	92	4837510	1272	20191800
	Kerala	58	2182480	419	8907400
	Tamil Nadu	168	6149549	1674	25707160
	Sub-Total	318	13169539	3365	54806360
EASTERN REGION	Bihar	23	2054000	1059	7979550
	West Bengal	54	1821269	300	6880600
	Sub-Total	77	3875269	1359	14860150
NORTH EASTERN REGION	Assam	40	890480	271	864500
	Meghalaya	15	239100	101	326155
	Sub-Total	55	1129580	372	1190655
	Total (All Boards)	946	52593945	18552	266202682

Note:- In certain cases figures have gone down as compared to previous year due to revision/deletion/failure or installation of higher capacity transformers by the Board.

(R):- Data repeated.

TABLE NO.52
NUMBER OF TRANSFORMERS AND THEIR AGGREGATE CAPACITY
IN STATE ELECTRICITY BOARDS AS ON 31ST MARCH, 2000

REGION	Name of the Board	DISTRIBUTION	
		Number	Aggregate Capacity (KVA)
NORTHERN REGION	Himachal Pradesh	12827	908582
	Jammu & Kashmir (R)	5661	883910
	Punjab	166787	11254447
	Rajasthan	196396	10062377
	Uttar Pradesh (R)	314501	17481099
	Delhi	6483	5323000
	Sub-Total	702655	45913415
WESTERN REGION	Gujarat(R)	171765	13254000
	Madhya Pradesh	182661	14659468
	Maharashtra (R)	172804	16915087
Sub-Total	527230	44828555	
REGION	Karnataka	139170	12012274
	Kerala	29494	3879531
	Tamil Nadu	127429	14295880
Sub-Total	296093	30187685	
REGION	Bihar	48902	3925150
	West Bengal (R)	62037	2843640
Sub-Total	110939	6768790	
NORTH EASTERN REGION	Assam (R)	19096	1797173
	Meghalaya	2614	243702
Sub-Total	21710	2040875	
Total (All Boards)		1658627	129739320

In certain cases, number and aggregate capacity of transformers has gone up as compared to last year due to estimation of data and because of improper reporting or revision of data by State Electricity Boards.

(R):- Data repeated.

SECTION VIII

Utilisation

SECTION -VIII

UTILISATION

1. Energy Consumption

Electricity consumption by various categories of consumers served by utilities during the year under review was 312841.08 Gwh registering an increase of 1.00% over previous year.

As in the preceding year, the major portion of electricity viz. 292354.67 Gwh representing 93.45% of the total energy consumption was distributed by the Public Sector and remaining 6.55% was distributed by the private sector. Out of 93.45% of energy distributed by the Public Sector, 75.30% was supplied by the 16 State Electricity Boards and balance 18.15% was supplied by the Municipalities and Electricity Departments of the States and Union Territories. Out of 6.55% of energy distributed by the whole Private Sector (including Co-operative Societies), the four major private licensees viz. Tata Electric Companies, Calcutta Electric Supply Corporation, Ahmedabad Electricity Supply Company and BSES Ltd. distributed 0.75%, 1.58%, 0.85% and 1.65% of total energy to its consumers respectively. The details of energy sold by various agencies during 1999-2000 are tabulated below:-

<u>Energy sold to ultimate consumers.</u>				
Sl. No.	Agency	Quantum (GWH)	% to total Consumption	% increase over 1998-99
1.	State Elec. Boards	235578.65	75.30	(-) 0.07
2.	Elec. Deptts. of States & Union Territories.	52615.62	16.82	3.24
3.	Municipalities	4160.40	1.33	9.27
4.	Private Licensees (including Co-op.)	20486.41	6.55	6.57
Total		312841.08	100.00	1.00

As regards the energy consumed by various classes of consumers, the Industrial category of consumers, as usual consumed highest energy i.e. 34.12% of total energy sold by Public Utilities as compared to 33.93% during 1998-99. The energy sales to Industrial consumers registered an increase of 1.57% over the previous year.

Agricultural consumers remained the second largest category amongst the consumers of electricity consuming 29.07% of total energy sales as compared to 31.38% during the previous year. Percentage decrease in consumption of energy by this Sector was 6.44% over the previous year.

II. Per Capita Consumption

The per capita consumption of electricity in the country was 364.45 Kwh during 1999-2000 compared to 360.01 Kwh during 1998-99. Western Region had the maximum per capita consumption of 557.58 Kwh followed by Southern, Northern, Eastern and North Eastern Regions with figures of 436.21, 320.45, 200.29, 101.03 respectively.

Amongst the States, Punjab with per capita consumption of 924.11 Kwh was at the top followed by Gujarat, Goa and Delhi having per capita consumption of 840.88, 724.92 and 646.28 Kwh respectively. However, Union Territory of Daman & Diu had the highest per capita consumption of electricity of 3927.36 Kwh in the country during the year followed by Dadra & Nagar Haveli 3691.63 Kwh.

III Electrical Accidents

To the extent the information was made available, during the year 1999-2000, total number of electrical accidents reported was 10327 which comprised of 3628 fatal, 2242 non-fatal accidents to human and 4411 fatal and 46 non-fatal accidents to animals. Corresponding figures for the year 1998-99 were 3433 fatal, 2755 non-fatal accidents to human and 4660 fatal and 10 non-fatal accidents to animals.

The various tables in the Section depict the energy consumed by different categories of consumers in various State Electricity Boards, etc., per capita consumption of electricity and electrical accidents.

TABLE NO.53
ALL INDIA ENERGY SALES (UTILITIES ONLY) DURING 1999-2000

Category	(GWH)				
	Energy sold during 1999-2000	% to total sales in 1999-2000	Energy sold during 1998-99	% to total sales in 1998-99	% increase in sale over previous year 1998-99
Domestic	70520.27	22.54	64973.14	20.98	8.54
Commercial	21160.85	6.76	19798.83	6.39	6.88
Industrial Power	106728.01	34.12	105080.42	33.93	1.57
Public Lighting	3242.63	1.04	2780.86	0.90	16.61
Railways/ Tramways	8088.44	2.59	7306.89	2.36	10.70
Agriculture	90933.64	29.07	97195.22	31.38	-6.44
Public Water Works & Sewage Pumping	7108.98	2.27	6560.91	2.12	8.35
Miscellaneous	5058.26	1.62	6037.78	1.95	-16.22
Total	312841.08	100.00	309734.05	100.00	1.00

TABLE NO.54
ENERGY SALES TO ULTIMATE CONSUMERS (UTILITIES ONLY)
OWNERSHIPWISE/REGIONWISE/STATEWISE
DURING THE YEAR 1999-2000

Region	State/U.Ts.	Total Energy Sold (GWH) Col. I	PUBLIC SECTOR	
			State Electricity Boards	
			(GWH)	% of Col. I
NORTHERN REGION	Haryana	9597.74	0.00	0.00
	Himachal Pradesh	2188.05	2181.75	99.71
	Jammu & Kashmir	2652.68	2637.68	99.43
	Punjab	21194.29	21072.89	99.43
	Rajasthan	16338.85	16251.58	99.47
	Uttar Pradesh	23469.39	23266.00	99.13
	Chandigarh	722.62	0.00	0.00
	Delhi	8879.20	7736.03	87.13
	Sub-Total	85042.82	73145.93	86.01
WESTERN REGION	Gujarat	33048.90	28625.00	86.61
	Madhya Pradesh	23297.68	22494.36	96.55
	Maharashtra	48900.01	37767.00	77.23
	Goa	1000.31	0.00	0.00
	Daman & Diu	549.83	0.00	0.00
	D. & N Haveli	652.35	0.00	0.00
		Sub-Total	107449.08	88886.36	82.72
SOUTHERN REGION	Andhra Pradesh	26220.97	0.00	0.00
	Karnataka	16663.40	16007.68	96.06
	Kerala	9730.33	9660.00	99.28
	Tamil Nadu	31056.15	30121.00	96.99
	Pondicherry	1239.70	0.00	0.00
	Lakshadweep	17.12	0.00	0.00
		Sub-Total	84927.67	55788.68	65.69
EASTERN REGION	Bihar	11423.38	7517.17	65.81
	Orissa	5679.00	0.00	0.00
	West Bengal	15072.25	8053.09	53.43
	A & N Islands	83.55	0.00	0.00
	Sikkim	105.81	0.00	0.00
		Sub-Total	32363.99	15570.26	48.11
NORTH EASTERN REGION	Assam	1808.98	1808.98	100.00
	Manipur	173.05	0.00	0.00
	Meghalaya	386.44	378.44	97.93
	Nagaland	138.20	0.00	0.00
	Tripura	356.13	0.00	0.00
	Arunachal Pradesh	80.95	0.00	0.00
	Mizoram	113.77	0.00	0.00
	Sub-Total	3057.52	2187.42	71.54
	Total (All India)	312841.08	235578.65	75.30

Contd.

TABLE NO.54(Contd.)
ENERGY SALES TO ULTIMATE CONSUMERS (UTILITIES ONLY)
OWNERSHIPWISE/REGIONWISE/STATEWISE
DURING THE YEAR 1999-2000

Region	State/U. Ts.	P U B L I C S E C T O R			
		Municipalities		Govt. Depts./Govt. Undertakings/Corporations	
		(GWH)	% of Col. I	(GWH)	% of Col. I
NORTHERN REGION	Haryana	0.00	0.00	9597.74	100.00
	Himachal Pradesh	0.00	0.00	6.30	0.29
	Jammu & Kashmir	0.00	0.00	15.00	0.57
	Punjab	0.00	0.00	121.40	0.57
	Rajasthan	0.00	0.00	87.27	0.53
	Uttar Pradesh	0.00	0.00	57.00	0.24
	Chandigarh	0.00	0.00	722.62	100.00
	Delhi	975.00	10.98	168.17	1.89
	Sub-Total	975.00	1.15	10775.50	12.67
WESTERN REGION	Gujarat	0.00	0.00	3.00	0.01
	Madhya Pradesh	0.00	0.00	67.00	0.29
	Maharashtra	3144.96	6.43	0.00	0.00
	Goa	0.00	0.00	1000.31	100.00
	Daman & Diu	0.00	0.00	549.83	100.00
	D. & N Haveli	0.00	0.00	652.35	100.00
	Sub-Total	3144.96	2.93	2272.49	2.11
SOUTHERN REGION	Andhra Pradesh	0.00	0.00	25392.66	96.84
	Karnataka	0.00	0.00	0.00	0.00
	Kerala	40.44	0.42	0.00	0.00
	Tamil Nadu	0.00	0.00	838.92	2.70
	Pondicherry	0.00	0.00	1239.70	100.00
	Lakshadweep	0.00	0.00	17.12	100.00
	Sub-Total	40.44	0.05	27488.40	32.37
EASTERN REGION	Bihar	0.00	0.00	3906.21	34.19
	Orissa	0.00	0.00	5679.00	100.00
	West Bengal	0.00	0.00	1434.56	9.52
	A. & N. Islands	0.00	0.00	83.55	100.00
	Sikkim	0.00	0.00	105.81	100.00
	Sub-Total	0.00	0.00	11209.13	34.63
NORTH EASTERN REGION	Assam	0.00	0.00	0.00	0.00
	Manipur	0.00	0.00	173.05	100.00
	Meghalaya	0.00	0.00	8.00	2.07
	Nagaland	0.00	0.00	138.20	100.00
	Tripura	0.00	0.00	356.13	100.00
	Arunachal Pradesh	0.00	0.00	80.95	100.00
	Mizoram	0.00	0.00	113.77	100.00
	Sub-Total	0.00	0.00	870.10	28.46
	Total (All India)	4160.40	1.33	52615.62	16.82

Contd.

TABLE NO.54 (Contd.)
ENERGY SALES TO ULTIMATE CONSUMERS (UTILITIES ONLY)
OWNERSHIPWISE/REGIONWISE/STATEWISE
DURING THE YEAR 1999-2000

Region	State/U.Ts.	PRIVATE SECTOR (COMPANIES)	
		(GWH)	% of Col. I
NORTHERN REGION	Haryana	0.00	0.00
	Himachal Pradesh	0.00	0.00
	Jammu & Kashmir	0.00	0.00
	Punjab	0.00	0.00
	Rajasthan	0.00	0.00
	Uttar Pradesh	146.39	0.62
	Chandigarh	0.00	0.00
	Delhi	0.00	0.00
	Sub-Total	146.39	0.17
WESTERN REGION	Gujarat	4420.90	13.38
	Madhya Pradesh	736.32	3.16
	Maharashtra	7988.05	16.34
	Goa	0.00	0.00
	Daman & Diu	0.00	0.00
	D. & N Haveli	0.00	0.00
		Sub-Total	13145.27	12.23
SOUTHERN REGION	Andhra Pradesh	828.31	3.16
	Karnataka	655.72	3.94
	Kerala	29.89	0.31
	Tamil Nadu	96.23	0.31
	Pondicherry	0.00	0.00
	Lakshadweep	0.00	0.00
		Sub-Total	1610.15	1.90
EASTERN REGION	Bihar	0.00	0.00
	Orissa	0.00	0.00
	West Bengal	5584.60	37.05
	A & N Islands	0.00	0.00
	Sikkim	0.00	0.00
		Sub-Total	5584.60	17.26
NORTH EASTERN REGION	Assam	0.00	0.00
	Manipur	0.00	0.00
	Meghalaya	0.00	0.00
	Nagaland	0.00	0.00
	Tripura	0.00	0.00
	Arunachal Pradesh	0.00	0.00
	Mizoram	0.00	0.00
	Sub-Total	0.00	0.00
	Total (All India)	20486.41	6.55

TABLE NO.55
ENERGY SALES TO ULTIMATE CONSUMERS (UTILITIES ONLY)
CATEGORYWISE/REGIONWISE/STATEWISE
DURING THE YEAR 1999-2000

(GWH)

Region	State/U.Ts.	Total Energy Sold	Domestic	Commercial
NORTHERN REGION	Haryana	9597.74	2088.93	389.18
	Himachal Pradesh	2188.05	600.79	148.88
	Jammu & Kashmir	2652.68	1247.24	351.52
	Punjab	21194.29	3779.51	799.19
	Rajasthan	16338.85	2859.06	855.73
	Uttar Pradesh	23469.39	8152.24	1972.78
	Chandigarh	722.62	246.26	168.45
	Delhi	8879.20	3927.37	1732.39
	Sub-Total	85042.82	22901.40	6418.12
WESTERN REGION	Gujarat	33048.90	4020.26	1396.21
	Madhya Pradesh	23297.68	3740.74	798.88
	Maharashtra	48900.01	10677.06	3912.07
	Goa	1000.31	286.58	78.41
	Daman & Diu	549.83	26.83	15.87
	D. & N Haveli	652.35	15.00	5.25
		Sub-Total	107449.08	18766.47	6206.69
SOUTHERN REGION	Andhra Pradesh	26220.97	5642.31	1154.38
	Karnataka	16663.40	3648.34	650.92
	Kerala	9730.33	4551.62	831.83
	Tamil Nadu	31056.15	6044.45	2738.39
	Pondicherry	1239.70	179.66	68.66
	Lakshadweep	17.12	11.72	3.67
	Sub-Total	84927.67	20078.10	5447.85
EASTERN REGION	Bihar \$	11423.38	1043.65	415.21
	Orissa	5679.00	2053.00	405.00
	West Bengal \$	15072.25	4495.55	1947.87
	A. & N. Islands	83.55	40.00	21.00
	Sikkim	105.81	52.62	18.18
	Sub-Total	32363.99	7684.82	2807.26
NORTH EASTERN REGION	Assam	1808.98	461.42	174.10
	Manipur	173.05	101.69	14.13
	Meghalaya	386.44	179.60	37.88
	Nagaland	138.20	79.70	9.41
	Tripura	356.13	131.27	31.64
	Arunachal Pradesh	80.95	56.43	8.48
	Mizoram	113.77	79.37	5.29
	Sub-Total	3057.52	1089.48	280.93
	Total (All India)	312841.08	70520.27	21160.85

Note.-\$- Includes DVC's sales to ultimate consumers in Bihar & West Bengal areas.

**TABLE NO.55 (Contd.)
ENERGY SALES TO ULTIMATE CONSUMERS (UTILITIES ONLY)
CATEGORYWISE/REGIONWISE/STATEWISE
DURING THE YEAR 1999-2000**

(GWH)

Region	State/U.Ts.	Industrial Power(Low & Medium Voltage)	Industrial Power (High Voltage)	Public Lighting	Traction
NORTHERN REGION	Haryana	668.24	1219.47	30.90	152.88
	Himachal Pradesh	1111.44	(A)	7.92	0.00
	Jammu & Kashmir	381.63	(A)	30.59	0.00
	Punjab	1824.49	(B)5747.70	60.54	0.00
	Rajasthan	1193.45	3460.95	78.1	225.29
	Uttar Pradesh	1578.40	4296.60	434.32	974.00
	Chandigarh	66.39	120.16	13.23	0.00
	Delhi	2292.22	(A)	139.06	172.01
	Sub-Total	9116.26	14844.88	794.66	1524.18
WESTERN REGION	Gujarat	4251.86	7247.46	157.62	379.00
	Madhya Pradesh	860.62	5600.93	156.26	1458.26
	Maharashtra	4424.63	15204.44	539.26	1501.64
	Goa	40.14	560.86	15.02	0.00
	Daman & Diu	75.51	420.83	3.03	0.00
	D. & N Haveli	25.00	605.00	1.00	0.00
	Sub-Total	9677.76	29639.52	872.19	3338.90
SOUTHERN REGION	Andhra Pradesh	1634.89	4175.01	414.94	891.00
	Karnataka	1280.74	3907.13	432.96	28.51
	Kerala	646.12	2825.00	178.18	18.00
	Tamil Nadu	2880.28	8655.05	256.78	469.00
	Pondicherry	66.84	801.67	10.82	0.00
	Lakshadweep	0.56	0.00	1.17	0.00
	Sub-Total	6509.43	20363.86	1294.85	1406.51
EASTERN REGION	Bihar \$	296.59	6941.59	44.46	939.77
	Orissa	195.00	2177.00	41.00	175.00
	West Bengal \$	1054.65	4952.98	127.99	704.08
	A. & N. Islands	5.25	0.00	5.70	0.00
	Sikkim	18.58	0.00	16.43	0.00
	Sub-Total	1570.07	14071.57	235.58	1818.85
NORTH EASTERN REGION	Assam	296.02	474.74	10.30	0.00
	Manipur	9.13	1.77	3.12	0.00
	Meghalaya	5.24	72.12	0.79	0.00
	Nagaland	21.24	(A)	4.11	0.00
	Tripura	47.98	(A)	8.16	0.00
	Arunachal Pradesh	4.86	(A)	10.10	0.00
	Mizoram	1.56	0.00	8.77	0.00
	Sub-Total	386.03	548.63	45.35	0.00
	Total (All India)	27259.55	79468.46	3242.63	8088.44

Note -\$- Includes DVC's sales to ultimate consumers in Bihar & West Bengal areas.

(A) Included in Industrial (Low & Medium Voltage).

(B) Includes 74.55GWH sales to NFF by BBMB.

Contd.

TABLE NO.55 (Contd.)
ENERGY SALES TO ULTIMATE CONSUMERS (UTILITIES ONLY)
CATEGORYWISE/REGIONWISE/STATEWISE
DURING THE YEAR 1999-2000

(GWH)

Region	State/U.Ts.	Agriculture	Public Water Works & Sewage Pumping	Miscellaneous
NORTHERN REGION	Haryana	4590.91	224.25	232.98
	Himachal Pradesh	16.54	183.99	118.49
	Jammu & Kashmir	126.45	248.35	266.90
	Punjab	8233.06	200.18	549.62
	Rajasthan	6560.25	684.51	421.51
	Uttar Pradesh	5400.47	584.34	76.24
	Chandigarh	2.66	(A)	105.47
	Delhi	84.59	375.89	155.67
	Sub-Total	25014.93	2501.51	1926.88
WESTERN REGION	Gujarat	14934.72	565.53	96.24
	Madhya Pradesh	10154.55	503.37	24.07
	Maharashtra	10623.06	1650.80	367.05
	Goa	14.62	4.68	0.00
	Daman & Diu	3.22	0.68	3.86
	D. & N Haveli	0.75	0.35	0.00
		Sub-Total	35730.92	2725.41	491.22
SOUTHERN REGION	Andhra Pradesh	11285.10	(C)	1023.34
	Karnataka	6385.73	302.65	26.42
	Kerala	375.13	257.00	47.45
	Tamil Nadu	8875.23	492.52	644.45
	Pondicherry	96.19	15.86	0.00
	Lakshadweep	0.00	0.00	0.00
	Sub-Total	27017.38	1068.03	1741.66
EASTERN REGION	Bihar \$	1525.94	183.92	32.25
	Orissa	217.00	103.00	313.00
	West Bengal \$	1308.45	358.96	121.72
	A. & N. Islands	0.00	0.60	11.00
	Sikkim	0.00	0.00	0.00
	Sub-Total	3051.39	646.48	477.97
NORTH EASTERN REGION	Assam	46.35	63.67	282.38
	Manipur	3.03	7.99	32.19
	Meghalaya	0.24	22.28	68.29
	Nagaland	0.00	3.06	20.68
	Tripura	69.40	55.42	12.26
	Arunachal Pradesh	0.00	1.08	0.00
	Mizoram	0.00	14.05	4.73
	Sub-Total	119.02	167.55	420.53
	Total (All India)	90933.64	7108.98	5058.26

(C)- Included under Industrial Category.

TABLE NO.56
ENERGY SALES BY STATE ELECTRICITY BOARDS
CATEGORYWISE/REGIONWISE DURING 1999-2000

(GWH)				
Region	ELECTRICITY BOARD	Total Energy Sold to Ultimate Consumers	Domestic	Commercial
NORTHERN REGION	Himachal Pradesh	2181.75	594.49	148.88
	Jammu & Kashmir	2637.68	1232.24	351.52
	Punjab	21072.89	3779.51	799.19
	Rajasthan	16251.58	2853.24	855.73
	Uttar Pradesh	23266.00	8075.00	1972.00
	Delhi	7736.03	3689.87	982.39
	Sub-Total	73145.93	20224.35	5109.71
WESTERN REGION	Gujarat	28625.00	2813.00	816.00
	Madhya Pradesh	22494.36	3551.99	777.71
	Maharashtra	37767.00	6455.00	1382.00
	Sub-Total	88886.36	12819.99	2975.71
SOUTHERN REGION	Karnataka	16007.68	3634.53	648.83
	Kerala	9660.00	4526.00	819.00
	Tamil Nadu	30121.00	6019.00	2731.00
	Sub-Total	55788.68	14179.53	4198.83
EASTERN REGION	Bihar (A)	7517.17	1036.15	415.15
	West Bengal (A)	8053.09	2504.81	1033.49
	Sub-Total	15570.26	3540.96	1448.64
NORTH EASTERN REGION	Assam	1808.98	461.42	174.10
	Meghalaya	378.44	171.60	37.88
	Sub-Total	2187.42	633.02	211.98
	Total (All BOARDS)	235578.65	51397.85	13944.87

Note -(A)- Excludes DVC's sales to ultimate consumers in Bihar & West Bengal.

Contd.

**TABLE NO.56 (Contd.)
ENERGY SALES BY STATE ELECTRICITY BOARDS
CATEGORYWISE/REGIONWISE DURING 1999-2000**

(GWH)

Region	ELECTRICITY BOARD	Industrial Power (Low & Medium Voltage)	Industrial Power (High Voltage)	Public Lighting
NORTHERN REGION	Himachal Pradesh	1111.44	(B)	7.92
	Jammu & Kashmir	381.63	(B)	30.59
	Punjab	1824.49	5673.15	60.54
	Rajasthan	1193.45	3379.50	78.10
	Uttar Pradesh	1573.00	4192.00	433.00
	Delhi	2292.22	(B)	139.06
	Sub-Total	8376.23	13244.65	749.21
WESTERN REGION	Gujarat	2696.00	6451.00	122.00
	Madhya Pradesh	821.69	5600.93	150.30
	Maharashtra	3636.00	12757.00	453.00
	Sub-Total	7153.69	24808.93	725.30
SOUTHERN REGION	Karnataka	1277.79	3354.56	432.00
	Kerala	622.00	2825.00	178.00
	Tamil Nadu	2873.00	7810.00	250.00
	Sub-Total	4772.79	13989.56	860.00
EASTERN REGION	Bihar	296.59	3326.21	44.46
	West Bengal	681.92	1872.09	57.00
	Sub-Total	978.51	5198.30	101.46
NORTH EASTERN REGION	Assam	296.02	474.74	10.30
	Meghalaya	5.24	72.12	0.79
	Sub-Total	301.26	546.86	11.09
	Total (All BOARDS)	21582.48	57788.30	2447.06

Note:-(B)-Included in Industrial Power(Low & Medium) voltage.

Contd.....

TABLE NO.56 (Contd.)
ENERGY SALES BY STATE ELECTRICITY BOARDS
CATEGORYWISE/REGIONWISE DURING 1999-2000

(GWH)

Region	Electricity Board	Traction	Agriculture	Public Water Works	Miscellaneous
NORTHERN REGION	Himachal Pradesh	0.00	16.54	183.99	118.49
	Jammu & Kashmir	0.00	126.45	248.35	266.90
	Punjab	0.00	8233.06	200.18	502.77
	Rajasthan	225.29	6560.25	684.51	421.51
	Uttar Pradesh	974.00	5387.00	584.00	76.00
	Delhi	172.01	84.59	375.89	0.00
	Sub-Total	1371.30	20407.89	2276.92	1385.67
WESTERN REGION	Gujarat	379.00	14914.00	434.00	0.00
	Madhya Pradesh	1458.26	9644.45	489.03	0.00
	Maharashtra	813.00	10293.00	1611.00	367.00
	Sub-Total	2650.26	34851.45	2534.03	367.00
SOUTHERN REGION	Karnataka	28.51	6308.62	296.43	26.41
	Kerala	18.00	375.00	257.00	40.00
	Tamil Nadu	469.00	8838.00	490.00	641.00
	Sub-Total	515.51	15521.62	1043.43	707.41
EASTERN REGION	Bihar	688.75	1525.94	183.92	0.00
	West Bengal	501.97	1295.01	106.80	0.00
	Sub-Total	1190.72	2820.95	290.72	0.00
NORTH EASTERN REGION	Assam	0.00	46.35	63.67	282.38
	Meghalaya	0.00	0.24	22.28	68.29
	Sub-Total	0.00	46.59	85.95	350.67
Total (All Boards)		5727.79	73648.50	6231.05	2810.75

NOTE:- (C) Included under industrial category.

TABLE NO.57

**ENERGY SALES BY PRIVATE LICENSEES
CATEGORYWISE/REGIONWISE/STATEWISE DURING 1999-2000**

(GWH)

Region	State/U.Ts.	Total energy sold to ultimate consumers	Domestic	Commercial
NORTHERN REGION	Uttar Pradesh	146.39	20.24	0.78
	Sub-Total	146.39	20.24	0.78
WESTERN REGION	Gujarat	4420.90	1204.26	580.21
	Madhya Pradesh	736.32	121.75	21.17
	Maharashtra	7988.05	2875.77	1131.30
	Sub-Total	13145.27	4201.78	1732.68
SOUTHERN REGION	Andhra Pradesh	828.31	117.61	12.38
	Karnataka	655.72	13.81	2.09
	Kerala	29.89	6.51	1.29
	Tamil Nadu	96.23	25.45	7.39
	Sub-Total	1610.15	163.38	23.15
EASTERN REGION	Bihar	0.00	0.00	0.00
	West Bengal	5584.60	1952.79	911.40
	Sub-Total	5584.60	1952.79	911.40
NORTH EASTERN REGION	Assam	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00
Total (All India)		20486.41	6338.19	2668.01

TABLE NO.57 (Contd.)
ENERGY SALES BY PRIVATE LICENSEES
CATEGORYWISE/REGIONWISE/STATEWISE DURING 1999-2000

(GWH)					
Region	State/U.Ts.	Industrial Power (Low & Medium Voltage)	Industrial Power (High Voltage)	Public lighting	Traction
NORTHERN REGION	Uttar Pradesh	5.40	104.60	1.32	0.00
	Sub-Total	5.40	104.60	1.32	0.00
WESTERN REGION	Gujarat	1555.86	796.46	35.62	0.00
	Madhya Pradesh	38.93	0.00	5.96	0.00
	Maharashtra	604.64	2290.65	54.56	688.64
	Sub-Total	2199.43	3087.11	96.14	688.64
SOUTHERN REGION	Andhra Pradesh	31.89	0.05	11.94	0.00
	Karnataka	2.95	552.57	0.96	0.00
	Kerala	21.91	0.00	0.18	0.00
	Tamil Nadu	7.28	6.13	6.78	0.00
	Sub-Total	64.03	558.75	19.86	0.00
EASTERN REGION	Bihar	0.00	0.00	0.00	0.00
	West Bengal	368.45	1835.12	69.00	74.00
	Sub-Total	368.45	1835.12	69.00	74.00
NORTH EASTERN REGION	Assam	0.00	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00	0.00
Total (All India)		2637.31	5585.58	186.32	762.64

Contd.

TABLE NO.57 (Contd.)
ENERGY SALES BY PRIVATE LICENSEES
CATEGORYWISE/REGIONWISE/STATEWISE DURING 1999-2000

(GWH)

Region	State/U.Ts.	Agricultural	Public Water Works & Sewage Pumping	Miscellaneous
NORTHERN REGION	Uttar Pradesh	13.47	0.34	0.24
	Sub-Total	13.47	0.34	0.24
WESTERN REGION	Gujarat	20.72	131.53	96.24
	Madhya Pradesh	510.10	14.34	24.07
	Maharashtra	330.06	12.38	0.05
	Sub-Total	860.88	158.25	120.36
SOUTHERN REGION	Andhra Pradesh	653.10	0.00	1.34
	Karnataka	77.11	6.22	0.01
	Kerala	0.00	0.00	0.00
	Tamil Nadu	37.23	2.52	3.45
	Sub-Total	767.44	8.74	4.80
EASTERN REGION	Bihar	0.00	0.00	0.00
	West Bengal	13.44	239.12	121.28
	Sub-Total	13.44	239.12	121.28
NORTH EASTERN REGION	Assam	0.00	0.00	0.00
	Meghalaya	0.00	0.00	0.00
	Sub-Total	0.00	0.00	0.00
Total (All India)		1655.23	406.45	246.68

TABLE NO.58
ENERGY SALES TO ULTIMATE CONSUMERS BY ELECTRICITY DEPARTMENTS,
CENTRAL SECTOR, CORPORATIONS/GOVT. UNDERTAKINGS AND MUNICIPALITIES
CATEGORYWISE/REGIONWISE/STATEWISE DURING 1999-2000

CATEGORYWISE/REGIONWISE/STATEWISE DURING 1999-2000.		(GWH)		
Region	State/U.Ts.	Total energy sold	Domestic	Commercial
I				
MUNICIPALITIES				
NORTHERN	NDMC(Delhi)	975.00	225.00	750.00
WESTERN REGION	Maharashtra	3144.96	1346.29	1398.77
SOUTHERN REGION	Kerala	40.44	19.11	11.54
Sub-Total		4160.40	1590.40	2160.31
II				
GOVT. DEPTT /CENTRAL SECTOR UNDERTAKINGS/CORPORATIONS				
NORTHERN REGION	Haryana	9597.74	2088.93	389.18
	Delhi (M E S.)	155.67	0.00	0.00
	Punjab (B.B.M.B)	121.40	0.00	0.00
	H.P.(Bairasiul)	6.30	6.30	0.00
	H.P.(Chamera)	0.00	0.00	0.00
	Rajasthan (R.A.P.S.+ANTA)	87.27	5.82	0.00
	Chandigarh	722.62	246.26	168.45
	Delhi (B.T.P.S.)	12.50	12.50	0.00
	U.P.(C Sector Projects)	57.00	57.00	0.00
	J.&K. (Salal)	15.00	15.00	0.00
WESTERN REGION	Goa	1000.31	286.58	78.41
	Daman & Diu	549.83	26.83	15.87
	Dadra & Nagar Haveli	652.35	15.00	5.25
	M.P. (KSTPS+VSTPS)	67.00	67.00	0.00
	Gujarat (Kawas CCGT)	3.00	3.00	0.00
SOUTHERN REGION	Andhra Pradesh Transco	25163.00	5486.00	1142.00
	Andhra Pradesh(Centrl+Jt.Proj.)	229.66	38.70	0.00
	Pondicherry	1239.70	179.66	68.66
	Lakshadweep	17.12	11.72	3.67
	Tamil Nadu (Neyveli I&II+ M A P S)	838.92	0.00	0.00
EASTERN REGION	D.V.C (in Bihar)	3898.71	0.00	0.06
	Kahalgaon STPS	7.50	7.50	0.00
	B.H.P.C	0.00	0.00	0.00
	Distcos.(Orissa)	5679.00	2053.00	405.00
	D.V.C (in West Bengal)	1231.05	0.00	0.07
	Kolaghat(WBPDCL)	0.00	0.00	0.00
	West Bengal (D.P.L)	193.51	27.95	2.91
	West Bengal(Farakka)	10.00	10.00	0.00
	Andaman & Nicobor Islands	83.55	40.00	21.00
	Sikkim	105.81	52.62	18.18
NORTH EASTERN REGION	Manipur	173.05	101.69	14.13
	Nagaland	138.20	79.70	9.41
	Tripura	356.13	131.27	31.64
	Arunachal Pradesh	80.95	56.43	8.48
	Mizoram	113.77	79.37	5.29
	Meghalaya (NEEPCO)	8.00	8.00	0.00
Sub-Total		52615.62	11193.83	2387.66
Total (I&II)		56776.02	12784.23	4547.97

Contd.

TABLE NO.58
ENERGY SALES TO ULTIMATE CONSUMERS BY ELECTRICITY DEPARTMENTS,
CENTRAL SECTOR, CORPORATIONS/GOVT. UNDERTAKINGS AND MUNICIPALITIES
CATEGORYWISE/REGIONWISE/STATEWISE DURING 1999-200

(GWH)

Region	State/U.Ts.	Industrial Power(L&MV)	Industrial Power(HV)	Public Lighting	Traction
I. MUNICIPALITIES					
NORTHERN REGION	N.D.M.C.	0.00	0.00	0.00	0.00
WESTERN REGION	Maharashtra	183.99	156.79	31.70	0.00
SOUTHERN REGION	Kerala	2.21	0.00	0.00	0.00
	Sub-Total	186.20	156.79	31.70	0.00
II. GOVT DEPTT./CENTRAL SECTOR UNDERTAKINGS/CORPORATIONS					
NORTHERN REGION	Haryana	668.24	1219.47	30.90	152.88
	Delhi (M.E.S.)	0.00	0.00	0.00	0.00
	Punjab (B.B.M.B.)	0.00	74.55	0.00	0.00
	H.P.(Bairasiul)	0.00	0.00	0.00	0.00
	H.P.(Chamera)	0.00	0.00	0.00	0.00
	Rajasthan (R.A.P.S.+ANTA)	0.00	81.45	0.00	0.00
	Chandigarh	66.39	120.16	13.23	0.00
	Delhi (B.T.P.S.)	0.00	0.00	0.00	0.00
	U.P.(C Sector Projects)	0.00	0.00	0.00	0.00
	J &K. (Salal)	0.00	0.00	0.00	0.00
WESTERN REGION	Goa	40.14	560.86	15.02	0.00
	Daman & Diu	75.51	420.83	3.03	0.00
	Dadra & Nagar Haveli	25.00	605.00	1.00	0.00
	M.P. (KSTPS+VSTPS)	0.00	0.00	0.00	0.00
	Gujarat (Kawas CCGT)	0.00	0.00	0.00	0.00
SOUTHERN REGION	Andhra Pradesh Transco	1603.00	3984.00	403.00	891.00
	Andhra Pradesh(Centr+Jt.Proj.)	0.00	190.96	0.00	0.00
	Pondicherry	66.84	801.67	10.82	0.00
	Lakshadweep	0.56	0.00	1.17	0.00
	Tamil Nadu (Neyveli I&II+M.A.P.S.)	0.00	838.92	0.00	0.00
EASTERN REGION	D.V.C. (in Bihar)	0.00	3615.38	0.00	251.02
	Kahalgaoon STPS	0.00	0.00	0.00	0.00
	BHPC	0.00	0.00	0.00	0.00
	Distcos.(Orissa)	195.00	2177.00	41.00	175.00
	D.V.C. (in West Bengal)	0.00	1102.87	0.00	128.11
	Kolaghat(WBPDCL)	0.00	0.00	0.00	0.00
	West Bengal (D.P.L)	4.28	142.90	1.99	0.00
	West Bengal(Farakka)	0.00	0.00	0.00	0.00
	Andaman & Nicobar Islands	5.25	0.00	5.70	0.00
	Sikkim	18.58	0.00	16.43	0.00
NORTH EASTERN REGION	Manipur	9.13	1.77	3.12	0.00
	Nagaland	21.24	0.00	4.11	0.00
	Tripura	47.98	0.00	8.16	0.00
	Arunachal Pradesh	4.86	0.00	10.10	0.00
	Mizoram	1.56	0.00	8.77	0.00
	Meghalaya (NEEPCO)	0.00	0.00	0.00	0.00
	Sub-Total	2853.56	15937.79	577.55	1598.01
	Total (I&II)	3039.76	16094.58	609.25	1598.01

Contd.

TABLE NO.58
ENERGY SALES TO ULTIMATE CONSUMERS BY ELECTRICITY DEPARTMENTS,
CENTRAL SECTOR, CORPORATIONS/GOVT. UNDERTAKINGS AND MUNICIPALITIES
CATEGORYWISE/REGIONWISE/STATEWISE DURING 1999-2000

CATEGORYWISE/REGIONWISE/STATEWISE DURING 1999-2000.		(GWH)		
Region	State/U.Ts.	Agriculture	Public Water Works	Miscellaneous
I.	MUNICIPALITIES			
NORTHERN REGION	N.D.M.C.	0.00	0.00	0.00
WESTERN REGION	Maharashtra	0.00	27.42	0.00
SOUTHERN REGION	Kerala	0.13	0.00	7.45
	Sub-Total	0.13	27.42	7.45
II.	GOVT.DEPTT./CENTRAL SECTOR UNDERTAKINGS/CORPORATIONS			
NORTHERN REGION	Haryana	4590.91	224.25	232.98
	Delhi (M.E.S.)	0.00	0.00	155.67
	Punjab (B.B.M.B.)	0.00	0.00	46.85
	H.P (Bairasiul)	0.00	0.00	0.00
	H.P(Chamera)	0.00	0.00	0.00
	Rajasthan (R.A.P.S.+ANTA)	0.00	0.00	0.00
	Chandigarh	2.66	(A)	105.47
	Delhi (B.T.P.S.)	0.00	0.00	0.00
	U.P.(C.Sector Projects)	0.00	0.00	0.00
	J.&K. (Salal)	0.00	0.00	0.00
WESTERN REGION	Goa	14.62	4.68	0.00
	Daman & Diu	3.22	0.68	3.86
	Dadra & Nagar Haveli	0.75	0.35	0.00
	M.P. (KSTPS+VSTPS)	0.00	0.00	0.00
	Gujarat (Kawas CCGT)	0.00	0.00	0.00
SOUTHERN REGION	Andhra Pradesh Transco	10632.00	0.00	1022.00
	Andhra Pradesh(Centr+Jt.Proj.)	0.00	0.00	0.00
	Pondicherry	96.19	15.86	0.00
	Lakshadweep	0.00	0.00	0.00
	Tamil Nadu (Neyveli I&II+M.A.P.S.)	0.00	0.00	0.00
EASTERN REGION	D.V.C (in Bihar)	-0.00	0.00	32.25
	Kahalgaoon STPS	0.00	0.00	0.00
	B.H.P.C	0.00	0.00	0.00
	Distcos.(Orissa)	217.00	103.00	313.00
	D.V.C. (in West Bengal)	0.00	0.00	0.00
	Kolaghat(WBPDCL)	0.00	0.00	0.00
	West Bengal (D.P.L)	0.00	13.04	0.44
	West Bengal(Farakka)	0.00	0.00	0.00
	Andaman & Nicobor Islands	0.00	0.60	11.00
	Sikkim	0.00	0.00	0.00
NORTH EASTERN REGION	Manipur	3.03	7.99	32.19
	Nagaland	0.00	3.06	20.68
	Tripura	69.40	55.42	12.26
	Arunachal Pradesh	0.00	1.08	0.00
	Mizoram	0.00	14.05	4.73
	Meghalaya (NEEPCO)	0.00	0.00	0.00
	Sub-Total	15629.78	444.06	1993.38
	Total (I&II)	15629.91	471.48	2000.83

TABLE NO.59
PATTERN OF ENERGY SALES (CATEGORYWISE)
REGIONWISE/STATEWISE DURING 1999-2000
(UTILITIES ONLY)

Region	Name of the State/U.Ts.	Total Sales (GWH)	% age to Total Sales	
			Domestic	commercial
NORTHERN REGION	Haryana	9597.74	21.76	4.05
	Himachal Pradesh	2188.05	27.46	6.80
	Jammu & Kashmir	2652.68	47.02	13.25
	Punjab	21194.29	17.83	3.77
	Rajasthan	16338.85	17.50	5.24
	Uttar Pradesh	23469.39	34.74	8.41
	Chandigarh	722.62	34.08	23.31
	Delhi	8879.20	44.23	19.51
	Sub-Total	85042.82	26.93	7.55
WESTERN REGION	Gujarat	33048.90	12.16	4.22
	Madhya Pradesh	23297.68	16.06	3.43
	Maharashtra	48900.01	21.83	8.00
	Goa	1000.31	28.65	7.84
	Daman & Diu	549.83	4.88	2.89
	D. & N Haveli	652.35	2.30	0.80
		Sub-Total	107449.08	17.47	5.78
SOUTHERN REGION	Andhra Pradesh	26220.97	21.52	4.40
	Karnataka	16663.40	21.89	3.91
	Kerala	9730.33	46.78	8.55
	Tamil Nadu	31056.15	19.46	8.82
	Pondicherry	1239.70	14.49	5.54
	Lakshadweep	17.12	68.46	21.44
		Sub-Total	84927.67	23.64	6.41
EASTERN REGION	Bihar	11423.38	9.14	3.63
	Orissa	5679.00	36.15	7.13
	West Bengal	15072.25	29.83	12.92
	A. & N. Islands	83.55	47.88	25.13
	Sikkim	105.81	49.73	17.18
		Sub-Total	32363.99	23.74	8.67
NORTH EASTERN REGION	Assam	1808.98	25.51	9.62
	Manipur	173.05	58.76	8.17
	Meghalaya	386.44	46.48	9.80
	Nagaland	138.20	57.67	6.81
	Tripura	356.13	36.86	8.88
	Arunachal Pradesh	80.95	69.71	10.48
	Mizoram	113.77	69.76	4.65
		Sub-Total	3057.52	35.63	9.19
	Total (All India)	312841.08	22.54	6.76

For foot note please see table No.55.

Contd.

**TABLE NO.59 (Contd.)
PATTERN OF ENERGY SALES (CATEGORYWISE)
REGIONWISE/STATEWISE DURING 1999-2000
(UTILITIES ONLY)**

Region	Name of the State/U.Ts.	% age to Total Sales		
		Industrial Power	Public Lighting	Traction
NORTHERN REGION	Haryana	19.67	0.32	1.59
	Himachal Pradesh	50.80	0.36	0.00
	Jammu & Kashmir	14.39	1.15	0.00
	Punjab	35.73	0.29	0.00
	Rajasthan	28.49	0.48	1.38
	Uttar Pradesh	25.03	1.85	4.15
	Chandigarh	25.82	1.83	0.00
	Delhi	25.82	1.57	1.94
	Sub-Total	28.18	0.93	1.79
WESTERN REGION	Gujarat	34.79	0.48	1.15
	Madhya Pradesh	27.73	0.67	6.26
	Maharashtra	40.14	1.10	3.07
	Goa	60.08	1.50	0.00
	Daman & Diu	90.27	0.55	0.00
	D & N Haveli	96.57	0.15	0.00
		Sub-Total	36.59	0.81	3.11
SOUTHERN REGION	Andhra Pradesh	22.16	1.58	3.40
	Karnataka	31.13	2.60	0.17
	Kerala	35.67	1.83	0.18
	Tamil Nadu	37.14	0.83	1.51
	Pondicherry	70.06	0.87	0.00
	Lakshadweep	3.27	6.83	0.00
		Sub-Total	31.64	1.52	1.66
EASTERN REGION	Bihar	63.36	0.39	8.23
	Orissa	41.77	0.72	3.08
	West Bengal	39.86	0.85	4.67
	A & N Islands	6.28	6.82	0.00
	Sikkim	17.56	15.53	0.00
		Sub-Total	48.33	0.73	5.62
NORTH EASTERN REGION	Assam	42.61	0.57	0.00
	Manipur	6.30	1.80	0.00
	Meghalaya	20.02	0.20	0.00
	Nagaland	15.37	2.97	0.00
	Tripura	13.47	2.29	0.00
	Arunachal Pradesh	6.00	12.48	0.00
	Mizoram	1.37	7.71	0.00
		Sub-Total	30.57	1.48	0.00
	Total (All India)	34.12	1.04	2.59

Contd.

TABLE NO.59 (Contd.)
PATTERN OF ENERGY SALES (CATEGORYWISE)
REGIONWISE/STATEWISE DURING 1999-2000
(UTILITIES ONLY)

Region	Name of the State/U. Ts.	% age to Total Sales		
		Agriculture	Public Water Works	Miscellaneous
NORTHERN REGION	Haryana	47.83	2.34	2.43
	Himachal Pradesh	0.76	8.41	5.42
	Jammu & Kashmir	4.77	9.36	10.06
	Punjab	38.85	0.94	2.59
	Rajasthan	40.15	4.19	2.58
	Uttar Pradesh	23.01	2.49	0.32
	Chandigarh	0.37	0.00	14.60
	Delhi	0.95	4.23	1.75
	Sub-Total	29.41	2.94	2.27
WESTERN REGION	Gujarat	45.19	1.71	0.29
	Madhya Pradesh	43.59	2.16	0.10
	Maharashtra	21.72	3.38	0.75
	Goa	1.46	0.47	0.00
	Daman & Diu	0.59	0.12	0.70
	D. & N Haveli	0.11	0.05	0.00
	Sub-Total	33.25	2.54	0.46
SOUTHERN REGION	Andhra Pradesh	43.04	0.00	3.90
	Karnataka	38.32	1.82	0.16
	Kerala	3.86	2.64	0.49
	Tamil Nadu	28.58	1.59	2.08
	Pondicherry	7.76	1.28	0.00
	Lakshadweep	0.00	0.00	0.00
	Sub-Total	31.81	1.26	2.05
EASTERN REGION	Bihar	13.36	1.61	0.28
	Orissa	3.82	1.81	5.51
	West Bengal	8.68	2.38	0.81
	A & N. Islands	0.00	0.72	13.17
	Sikkim	0.00	0.00	0.00
	Sub-Total	9.43	2.00	1.48
NORTH EASTERN REGION	Assam	2.56	3.52	15.61
	Manipur	1.75	4.62	18.60
	Meghalaya	0.06	5.77	17.67
	Nagaland	0.00	2.21	14.96
	Tripura	19.49	15.56	3.44
	Arunachal Pradesh	0.00	1.33	0.00
	Mizoram	0.00	12.35	1.16
	Sub-Total	3.89	5.48	13.75
	Total (All India)	29.07	2.27	1.62

TABLE NO.60
ANNUAL PERCAPITA CONSUMPTION OF ELECTRICITY (UTILITIES + NON-UTILITIES)
CATEGORYWISE/REGIONWISE/STATEWISE DURING 1999-2000
(KWH)

REGION	Name of the State/U.Ts.	Population *		Consumption (KWH)		
		(Million)		Domestic	Commercial	Industrial (LV&MV)
NORTHERN REGION	Haryana	19.72		105.93	19.74	33.89
	Himachal Pradesh	6.64		90.48	22.42	167.39
	Jammu & Kashmir	9.85		126.62	35.69	38.74
	Punjab	23.43		161.31	34.11	77.87
	Rajasthan	53.17		53.77	16.09	22.45
	Uttar Pradesh	168.59		48.36	11.70	9.36
	Chandigarh	0.88		279.84	191.42	75.44
	Delhi	13.74		285.83	126.08	166.83
	Sub-Total	296.02		77.36	21.68	30.80
WESTERN REGION	Gujarat	47.96		83.83	29.11	88.65
	Madhya Pradesh	79.17		47.25	10.09	10.87
	Maharashtra	90.70		117.72	43.13	48.78
	Goa	1.57		182.54	49.94	25.57
	Daman & Diu	0.14		191.64	113.36	539.36
	D. & N.Haveli	0.19		78.95	27.63	131.58
	Sub-Total	219.73		85.41	28.25	44.04
SOUTHERN REGION	Andhra Pradesh	75.11		75.12	15.37	21.77
	Karnataka	51.82		70.40	12.56	24.72
	Kerala	32.14		141.62	25.88	20.10
	Tamil Nadu	61.56		98.19	44.48	46.79
	Pondicherry	1.10		163.33	62.42	60.76
	Lakshadweep	0.07		167.43	52.43	8.00
	Sub-Total	221.80		90.52	24.56	29.35
EASTERN REGION	Bihar	99.18		10.52	4.19	2.99
	Orissa	35.72		57.47	11.34	5.46
	West Bengal	78.57		57.22	24.79	13.42
	A. & N. Islands	0.38		105.26	55.26	13.82
	Sikkim	0.55		95.67	33.05	33.78
	Sub-Total	214.40		35.84	13.09	7.32
NORTH EASTERN REGION	Assam	26.06		17.71	6.68	11.36
	Manipur	2.49		40.84	5.67	3.67
	Meghalaya	2.40		74.83	15.78	2.18
	Nagaland	1.66		48.01	5.67	12.80
	Tripura	3.73		35.19	8.48	12.86
	Arunachal Pradesh	1.18		47.82	7.19	4.12
	Mizoram	0.94		84.44	5.63	1.66
	Sub-Total	38.46		28.33	7.30	10.04
	Total (All India)	990.41		71.20	21.37	27.52

*Estimated population as on 1st October, 1999, obtained from the office of the Registrar General of India.

Note - In certain cases totals may not tally due to rounding off.

Contd.

TABLE NO.60 (Contd.)
ANNUAL PERCAPITA CONSUMPTION OF ELECTRICITY (UTILITIES + NON-UTILITIES)
CATEGORYWISE/REGIONWISE/STATEWISE DURING 1999-2000
(KWH)

Region	Name of the State/U.Ts.	Industrial (H.V.)	Public Lighting	Traction	Agriculture
NORTHERN REGION	Haryana	61.84	1.57	7.75	232.80
	Himachal Pradesh	0.00	1.19	0.00	2.49
	Jammu & Kashmir	0.00	3.11	0.00	12.84
	Punjab	245.32	2.58	0.00	351.39
	Rajasthan	65.09	1.47	4.24	123.38
	Uttar Pradesh	25.49	2.58	5.78	32.03
	Chandigarh	136.55	15.03	0.00	3.02
	Delhi	0.00	10.12	12.52	6.16
	Sub-Total	50.15	2.68	5.15	84.50
WESTERN REGION	Gujarat	151.11	3.29	7.90	311.40
	Madhya Pradesh	70.75	1.97	18.42	128.26
	Maharashtra	167.63	5.95	16.56	117.12
	Goa	357.24	9.57	0.00	9.31
	Daman & Diu	3005.93	21.64	0.00	23.00
	D.& N.Haveli	3184.21	5.26	0.00	3.95
		Sub-Total	134.89	3.97	15.20	162.61
SOUTHERN REGION	Andhra Pradesh	55.59	5.52	11.86	150.25
	Karnataka	75.40	8.36	0.55	123.23
	Kerala	87.90	5.54	0.56	11.67
	Tamil Nadu	140.60	4.17	7.62	144.17
	Pondicherry	728.79	9.84	0.00	87.45
	Lakshadweep	0.00	16.71	0.00	0.00
	Sub-Total	91.81	5.84	6.34	121.81
EASTERN REGION	Bihar	69.99	0.45	9.48	15.39
	Orissa	60.95	1.15	4.90	6.08
	West Bengal	63.04	1.63	8.96	16.65
	A.& N.Islands	0.00	15.00	0.00	0.00
	Sikkim	0.00	29.87	0.00	0.00
	Sub-Total	65.63	1.10	8.48	14.23
NORTH EASTERN REGION	Assam	18.22	0.40	0.00	1.78
	Manipur	0.71	1.25	0.00	1.22
	Meghalaya	30.05	0.33	0.00	0.10
	Nagaland	0.00	2.48	0.00	0.00
	Tripura	0.00	2.19	0.00	18.61
	Arunachal Pradesh	0.00	8.56	0.00	0.00
	Mizoram	0.00	9.33	0.00	0.00
	Sub-Total	14.26	1.18	0.00	3.09
	Total (All India)	80.24	3.27	8.17	91.81

Contd.

TABLE NO.60 (Contd.)
ANNUAL PERCAPITA CONSUMPTION OF ELECTRICITY (UTILITIES + NON-UTILITIES)
CATEGORYWISE/REGIONWISE/STATEWISE DURING 1999-2000

(KWH)

Region	Name of the State/U.Ts.	Public Water Works & Sewage Pumping	Miscellaneous
NORTHERN REGION	Haryana	11.37	11.81
	Himachal Pradesh	27.71	17.84
	Jammu & Kashmir	25.21	27.10
	Punjab	8.54	23.46
	Rajasthan	12.87	7.93
	Uttar Pradesh	3.47	0.45
	Chandigarh	0.00	119.85
	Delhi	27.36	11.33
	Sub-Total	8.45	6.51
WESTERN REGION	Gujarat	11.79	2.01
	Madhya Pradesh	6.36	0.30
	Maharashtra	18.20	4.05
	Goa	2.98	0.00
	Daman & Diu	4.86	27.57
	D.& N.Haveli	1.84	0.00
		Sub-Total	12.40	2.24
SOUTHERN REGION	Andhra Pradesh	0.00	13.62
	Karnataka	5.84	0.51
	Kerala	8.00	1.48
	Tamil Nadu	8.00	10.47
	Pondicherry	14.42	0.00
	Lakshadweep	0.00	0.00
		Sub-Total	4.82	7.85
EASTERN REGION	Bihar	1.85	0.33
	Orissa	2.88	8.76
	West Bengal	4.57	1.55
	A.& N.Islands	1.58	28.95
	Sikkim	0.00	0.00
		Sub-Total	3.02	2.23
NORTH EASTERN REGION	Assam	2.44	10.84
	Manipur	3.21	12.93
	Meghalaya	9.28	28.45
	Nagaland	1.84	12.46
	Tripura	14.86	3.29
	Arunachal Pradesh	0.92	0.00
	Mizoram	14.95	5.03
		Sub-Total	4.36
	Total (All India)	7.18	5.11

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TABLE NO.60 (Contd.)
ANNUAL PERCAPITA CONSUMPTION OF ELECTRICITY (UTILITIES + NON-UTILITIES)
CATEGORYWISE/REGIONWISE/STATEWISE DURING 1999-2000
(KWH)

Region	Name of the State/U.Ts.	Total Utilities	KWH from Self Generation of non-Utilities	Total (Utilities & Non-Utilities)
NORTHERN REGION	Haryana	486.70	43.50	530.20
	Himachal Pradesh	329.53	10.42	339.95
	Jammu & Kashmir	269.31	0.02	269.33
	Punjab	904.58	19.53	924.11
	Rajasthan	307.29	32.22	339.51
	Uttar Pradesh	139.21	39.85	179.06
	Chandigarh	821.16	0.50	821.66
	Delhi	646.23	0.05	646.28
	Sub-Total	287.29	33.16	320.45
WESTERN REGION	Gujarat	689.09	151.79	840.88
	Madhya Pradesh	294.27	58.86	353.13
	Maharashtra	539.14	32.41	571.55
	Goa	637.14	87.78	724.92
	Daman & Diu	3927.36	0.00	3927.36
	D.& N.Haveli	3433.42	258.21	3691.63
	Sub-Total	489.01	68.57	557.58
SOUTHERN REGION	Andhra Pradesh	349.10	84.86	433.96
	Karnataka	321.56	45.46	367.02
	Kerala	302.75	12.28	315.03
	Tamil Nadu	504.49	43.46	547.95
	Pondicherry	1127.00	22.94	1149.94
	Lakshadweep	244.57	0.00	244.57
	Sub-Total	382.90	53.31	436.21
EASTERN REGION	Bihar	115.18	31.55	146.73
	Orissa	158.99	175.29	334.28
	West Bengal	191.83	15.11	206.94
	A.& N.Islands	219.87	2.39	222.26
	Sikkim	192.38	0.00	192.38
	Sub-Total	150.95	49.34	200.29
NORTH EASTERN REGION	Assam	69.42	31.78	101.20
	Manipur	69.50	0.00	69.50
	Meghalaya	161.02	0.00	161.02
	Nagaland	83.25	0.00	83.25
	Tripura	95.48	0.00	95.48
	Arunachal Pradesh	68.60	0.00	68.60
	Mizoram	121.03	0.00	121.03
	Sub-Total	79.50	21.53	101.03
	Total (All India)	315.87	48.58	364.45

TABLE NO.61
ENERGY CONSUMPTION PER SQUARE KILOMETER AND PER THOUSAND
POPULATION (UTILITIES ONLY) REGIONWISE/STATEWISE DURING 1999-2000

Region	Name of the State /U.T.s	Population (Million) @	Area in 1000 Sq. Kms. \$	Total Energy Sold (GWH)
NORTHERN REGION	Haryana	19.72	44.21	9597.74
	Himachal Pradesh	6.64	55.67	2188.05
	Jammu & Kashmir	9.85	222.24	2652.68
	Punjab	23.43	50.36	21194.29
	Rajasthan	53.17	342.24	16338.85
	Uttar Pradesh	168.59	294.41	23469.39
	Chandigarh	0.88	0.11	722.62
	Delhi	13.74	1.48	8879.20
	Sub-Total	296.02	1010.72	85042.82
WESTERN REGION	Gujarat	47.96	196.02	33048.90
	Madhya Pradesh	79.17	443.45	23297.68
	Maharashtra	90.7	307.71	48900.01
	Goa	1.57	3.70	1000.31
	Daman & Diu	0.14	0.11	549.83
	D. & N Haveli	0.19	0.49	652.35
	Sub-Total	219.73	951.48	107449.08
SOUTHERN REGION	Andhra Pradesh	75.11	275.05	26220.97
	Karnataka	51.82	191.79	16663.40
	Kerala	32.14	38.86	9730.33
	Tamil Nadu	61.56	130.06	31056.15
	Pondicherry	1.10	0.49	1239.70
	Lakshadweep	0.07	0.03	17.12
	Sub-Total	221.80	636.28	84927.67
EASTERN REGION	Bihar (A)	99.18	173.88	11423.38
	Orissa	35.72	155.71	5679.00
	West Bengal (A)	78.57	88.75	15072.25
	A. & N. Islands	0.38	8.25	83.55
	Sikkim	0.55	7.10	105.81
	Sub-Total	214.40	433.69	32363.99
NORTH EASTERN REGION	Assam	26.06	78.44	1808.98
	Manipur	2.49	22.33	173.05
	Meghalaya	2.4	22.43	386.44
	Nagaland	1.66	16.58	138.20
	Tripura	3.73	10.49	356.13
	Arunachal Pradesh	1.18	83.74	80.95
	Mizoram	0.94	21.08	113.77
	Sub-Total	38.46	255.09	3057.52
	Total (All India)	990.41	3287.26	312841.08

Note:-\$- Source for area figures is "Statistical Abstract INDIA2000 published by Central Statistical Organisation. @- Office of the Registrar General of India.

A - Includes consumption by ultimate consumers of DVC in Bihar & West Bengal respectively.

**TABLE NO.61 (Contd.)
ENERGY CONSUMPTION PER SQUARE KILOMETER AND PER THOUSAND
POPULATION (UTILITIES ONLY) REGIONWISE/STATEWISE DURING 1999-2000**

Region	Name of the State /U.T.s	Energy Consumed per thousand of population(kwh)	Energy Consumed per Sq. Kms. (kwh)
NORTHERN REGION	Haryana	486701	217094
	Himachal Pradesh	329526	39304
	Jammu & Kashmir	269308	11936
	Punjab	904579	420856
	Rajasthan	307295	47741
	Uttar Pradesh	139210	79717
	Chandigarh	821159	6569273
	Delhi	646230	5999459
	Sub-Total	287287	84141
WESTERN REGION	Gujarat	689093	168600
	Madhya Pradesh	294274	52537
	Maharashtra	539140	158916
	Goa	637140	270354
	Daman & Diu	3927357	4998455
	D. & N Haveli	3433421	1331327
		Sub-Total	489005	112928
SOUTHERN REGION	Andhra Pradesh	349101	95332
	Karnataka	321563	86884
	Kerala	302748	250394
	Tamil Nadu	504486	238783
	Pondicherry	1127000	2530000
	Lakshadweep	244571	570667
	Sub-Total	382902	133475
EASTERN REGION	Bihar	115178	65697
	Orissa	158987	36472
	West Bengal	191832	169828
	A.& N. Islands	219868	10127
	Sikkim	192382	14903
	Sub-Total	150951	74625
NORTH EASTERN REGION	Assam	69416	23062
	Manipur	69498	7750
	Meghalaya	161017	17229
	Nagaland	83253	8335
	Tripura	95477	33949
	Arunachal Pradesh	68602	967
	Mizoram	121032	5397
	Sub-Total	79499	11986
	Total (All India)	315870	95168

**TABLE NO.62
ELECTRICAL ACCIDENTS DURING 1999-2000**

All figures are in Nos.

SEBS/U.Ts./ States Central Undertakings	Generating stations /Transmission & Distribution				
	Total*	Human		Animals	
		Fatal	Non-Fatal	Fatal	Non-Fatal
Andhra Pradesh	800	310	83	407	0
Assam	122	33	10	47	32
Bihar	NA	NA	NA	N.A.	N.A.
Goa	NA	NA	NA	NA	NA
Gujarat	1199	202	289	533	9
Haryana	446	60	111	275	N.A.
Himachal Pradesh	NA	N.A.	N.A.	N.A.	NA
Jammu & Kashmir	NA	N.A.	N.A.	N.A.	NA
Karnataka	847	246	214	339	N.A.
Kerala	383	112	146	25	N.A.
Madhya Pradesh	1811	392	275	959	2
Maharashtra	2562	378	431	718	NA
Manipur	24	3	3	18	NA
Meghalaya	84	22	7	54	N.A.
Nagaland	12	7	4	N.A.	1
Orissa (A)	195	45	24	5	2
Punjab	186	70	76	37	N.A.
Rajasthan	135	64	60	8	N.A.
Sikkim	0	N.A.	N.A.	N.A.	N.A.
Tamil Nadu	302	302	NA	NA	N.A.
Tripura	NA	NA	NA	NA	N.A.
UP	1004	357	141	504	NA
West Bengal	NA	N.A.	N.A.	N.A.	N.A.
Arunachal Pradesh	7	2	4	1	NA
Delhi	NA	NA	NA	NA	N.A.
Mizoram	27	5	22	N.A.	NA
Mines	43	15	28	N.A.	N.A.
Central Govt. Installn	91	22	25	29	N.A.
Railways	44	44	NA	NA	N.A.
UNION TERRITORIES					
A & N Islands	NA	N.A.	N.A.	N.A.	N.A.
Chandigarh	NA	N.A.	N.A.	N.A.	N.A.
D & N Haveli	NA	N.A.	N.A.	N.A.	N.A.
Daman & Diu	3	2	N.A.	1	N.A.
Lakshadweep	NA	NA	N.A.	N.A.	N.A.
Pondicherry	NA	N.A.	N.A.	N.A.	N.A.
Total (All India)	10327	2693	1953	3960	46

(A)--Orissa Power Generation Corporation Ltd

*CGI--Central Government Installation.

* - Includes total Human Fatal Accidents (3628), Human Non Fatal Accidents (2242), Animals Fatal Accidents (4411) and Animal Non Fatal Accidents(46).

**TABLE NO.62 (Contd.)
ELECTRICAL ACCIDENTS DURING 1999-2000**

All figures are in Nos.

SEBS/U.Ts./ States Central Undertakings	Installations of Consumers other than Industrial			
	Human		Animals	
	Fatal	Non-Fatal	Fatal	Non-Fatal
Andhra Pradesh	NA	NA	N.A.	N.A.
Assam	N.A.	N.A.	N.A.	N.A.
Bihar	N.A.	N.A.	N.A.	N.A.
Goa	N.A.	N.A.	N.A.	N.A.
Gujarat	28	9	1	NA
Haryana	NA	NA	N.A.	N.A.
Himachal Pradesh	N.A.	N.A.	N.A.	N.A.
Jammu & Kashmir	N.A.	N.A.	N.A.	N.A.
Karnataka	30	3	4	N.A.
Kerala	68	17	7	NA
Madhya Pradesh	161	13	3	N.A.
Maharashtra	135	90	201	N.A.
Manipur	N.A.	NA	N.A.	N.A.
Meghalaya	1	0	N.A.	N.A.
Nagaland	N.A.	N.A.	N.A.	N.A.
Orissa (A)	0	0	0	N.A.
Punjab	N.A.	N.A.	N.A.	N.A.
Rajasthan	N.A.	N.A.	N.A.	N.A.
Sikkim	N.A.	N.A.	N.A.	N.A.
Tamil Nadu	NA	N.A.	N.A.	N.A.
Tripura	N.A.	N.A.	N.A.	N.A.
Uttar Pradesh	2	NA	NA	N.A.
West Bengal	N.A.	N.A.	N.A.	N.A.
Arunachal Pradesh	N.A.	N.A.	N.A.	N.A.
Delhi	NA	NA	N.A.	N.A.
Mizoram	N.A.	N.A.	N.A.	N.A.
Mines	N.A.	N.A.	N.A.	N.A.
Central Govt. Installn.	11	4	N.A.	N.A.
Railways	N.A.	N.A.	N.A.	N.A.
UNION TERRITORIES				
A & N. Islands	N.A.	N.A.	N.A.	N.A.
Chandigarh	N.A.	N.A.	N.A.	N.A.
D & N. Haveli	N.A.	N.A.	N.A.	N.A.
Daman & Diu	N.A.	N.A.	N.A.	N.A.
Lakshadweep	N.A.	N.A.	N.A.	N.A.
Pondicherry	N.A.	N.A.	N.A.	N.A.
Total (All India)	436	136	216	0

1. NA- Not Available.

**TABLE NO.62 (Contd.)
ELECTRICAL ACCIDENTS DURING 1999-2000**

All figures are in Nos.

SEBS/U.Ts./ States Central Undertakings	Industrial Installations of Consumers			
	H u m a n		A n i m a l s	
	Fatal	Non-Fatal	Fatal	Non-Fatal
Andhra Pradesh	NA	NA	NA	NA
Assam	N.A.	N.A.	NA	NA
Bihar	N.A.	N.A.	NA	NA
Goa	NA	NA	NA	NA
Gujarat	78	44	6	NA
Haryana	NA	NA	NA	NA
Himachal Pradesh	N.A.	N.A.	N.A.	N.A.
Jammu & Kashmir	N.A.	N.A.	N.A.	N.A.
Karnataka	7	3	1	NA
Kerala	5	2	1	NA
Madhya Pradesh	2	4	NA	N.A.
Maharashtra	361	72	176	NA
Manipur	NA	NA	NA	NA
Meghalaya	0	0	0	0
Nagaland	0	0	0	0
Orissa	44	27	48	0
Punjab	N.A.	N.A.	3	N.A.
Rajasthan	2	1	0	0
Sikkim	N.A.	N.A.	N.A.	N.A.
Tamil Nadu	NA	NA	NA	0
Tripura	0	0	0	0
Uttar Pradesh	NA	NA	NA	NA
West Bengal	N.A.	N.A.	N.A.	N.A.
Arunachal Pradesh	N.A.	N.A.	N.A.	N.A.
Delhi	NA	NA	NA	NA
Mizoram	NA	NA	NA	NA
Mines	NA	NA	NA	NA
Central Govt. Installn.	NA	NA	NA	NA
Railways	NA	NA	NA	NA
UNION TERRITORIES				
A & N.Islands	N.A.	N.A.	NA	N.A.
Chandigarh	N.A.	N.A.	NA	N.A.
D.& N.Haveli	N.A.	N.A.	NA	N.A.
Daman & Diu	N.A.	N.A.	NA	NA
Lakshadweep	N.A.	N.A.	NA	N.A.
Pondicherry	N.A.	N.A.	NA	N.A.
Total (All India)	499	153	235	0

1. NA- Not Available.

SECTION IX

Consumers & Connected Load

SECTION-IX

CONSUMERS AND CONNECTED LOAD

During the year under review 4.91 million additional electricity connections were given to different categories of consumers bringing the total number of consumers to 112.15 million as on 31st March, 2000 recording an increase of 4.58% over the previous year. The corresponding connected load of all categories of consumers rose to 215994.33 MW as compared to 206639.84 MW as on 31.3.1999 registering an increase of 4.53% over the previous year.

Domestic category continued to have the maximum number of consumers benefited from electricity followed by agricultural and commercial categories. The domestic consumers had the maximum connected load of 73806.85 MW followed by industrial and agricultural sectors having connected load of 66900.11 MW and 48625.11 MW respectively.

The all India average electricity consumption per consumer is 2790 Kwh only. The highest being in the Traction category 29957185 kwh followed by Industrial H.V.1546470 Kwh. It is the lowest in the Domestic sector being 840 kwh only.

The all India average connected load per consumer works out to 1.93 kw only. The highest connected load per consumer is in Traction category 9589.71 kw followed by H.V. 703.24 kw. It is lowest in case of Domestic category 0.87 kw.

Tables in this Section show the details of consumers and connected load of different categories in various States/Union Territories.

Table No.63
CLASSIFICATION OF CONSUMERS AND CONNECTED LOAD (UTILITIES)
REGIONWISE/STATEWISE AS ON 31.3.2000

Region	State/U.Ts.	Total		Domestic	
		Connected load(KW)	Consumers	Connected load(KW)	Consumers
NORTHERN REGION	Haryana	7221194	3410955	2166261	2646637
	Himachal Pradesh	2248649	1408516	1219454	1227271
	Jammu & Kashmir (R)	718942	678801	190973	578708
	Punjab	13674975	5031669	5034801	3565857
	Rajasthan	11236030	5304714	2664505	3902520
	Uttar Pradesh	16501303	8439096	7288022	6807554
	Chandigarh	668864	181226	377232	158330
	Delhi (E)	5013431	2368756	2261438	1922487
	Sub-Total	57283388	26823733	21202686	20809364
WESTERN REGION	Gujarat	17830265	8638509	4272292	6627242
	Madhya Pradesh	10530622	8640898	1997154	6414922
	Maharashtra	33810434	16039852	10323709	11669659
	Goa (R)	8733033	333805	8417588	274546
	D. & N Haveli (R)	115115	27929	8347	14572
	Daman & Diu	287413	44082	34169	34445
		Sub-Total	71306882	33725075	25053259	25035386
SOUTHERN REGION	Andhra Pradesh	19207002	11570995	5036159	8430625
	Karnataka	13440403	10300745	4879524	7910311
	Kerala	8123146	6079411	3473443	4625521
	Tamil Nadu	24028418	13520815	7624905	9778448
	Pondicherry	573958	208651	104633	166085
	Lakshadweep	19336	16849	13764	13301
		Sub-Total	65392263	41697466	21132428	30924291
EASTERN REGION	Bihar	6368614	2299384	1407613	1600631
	Orissa (R)	3153388	1339365	1361553	1112841
	West Bengal (A)	8770901	4535947	2372094	3602652
	D.V.C.	927350	82	0	0
	A&N Islands (R)	54971	59833	32734	48104
	Sikkim (R)	41900	55299	18300	49049
		Sub-Total	19317124	8289910	5192294	6413277
NORTH EASTERN REGION	Assam	1796478	850311	712936	573467
	Manipur	132704	150944	69993	140490
	Meghalaya	287294	145819	163180	127396
	Nagaland (R)	55201	113159	33824	96640
	Tripura (R)	218355	153708	81814	127512
	Arunachal Pradesh(@)	63596	102839	41615	84947
	Mizoram (E)	141048	97580	122816	94348
		Sub-Total	2694676	1614360	1226178	1244800
	Total (All India)	215994333	112150544	73806845	84427118

(R) - Figures have been repeated due to non furnishing of information by the Deptt.

(E) - Estimated

(@) - The figures of connected load have been estimated due to non furnishing of data by Deptt.

(A) - The figures of WBSEB have been repeated due to non furnishing of data by the Board.

Contd.

Table No.63(Contd.)
CLASSIFICATION OF CONSUMERS AND CONNECTED LOAD (UTILITIES)
REGIONWISE/STATEWISE AS ON 31.3.2000

Region	State/UTs	C O M M E R C I A L		I N D U S T R I A L (LV&MV)	
		Connected load(KW)	Consumers	Connected load(KW)	Consumers
NORTHERN REGION	Haryana	342093	330641	1061410	68711
	Himachal Pradesh	312734	145502	523966	27964
	Jammu & Kashmir (	56798	78886	94615	7000
	Punjab	1081736	580784	1782080	103331
	Rajasthan	833072	634695	1714610	130353
	Uttar Pradesh	1699283	779138	1890202	168313
	Chandigarh	169729	19579	46498	2235
	Delhi (E)	1244907	337813	726189	78896
	Sub-Total	5740352	2907038	7839570	586803
WESTERN REGION	Gujarat	1311245	1120555	3669002	277444
	Madhya Pradesh	660518	671256	1114057	107378
	Maharashtra	3198792	1601992	5130091	381707
	Goa (R)	73254	41414	91787	7261
	D. & N Haveli (R)	3929	2642	21989	736
	Daman & Diu	13209	5986	81795	1860
	Sub-Total	5260947	3443845	10108721	776386
SOUTHERN REGION	Andhra Pradesh	867002	880918	2606912	159120
	Karnataka	405801	808416	2051970	321409
	Kerala	1003841	967582	1612000	106407
	Tamil Nadu	1640771	1396198	3422252	375713
	Pondicherry	40151	26766	71049	4445
	Lakshadweep	3528	2488	1817	216
	Sub-Total	3961094	4082368	9766000	967310
EASTERN REGION	Bihar	1437264	326423	1451376	88434
	Orissa (R)	151790	144658	354124	22910
	West Bengal (A)	790011	691286	436905	135464
	D.V.C.	30	2	0	0
	A&N Islands (R)	10875	10511	5120	426
	Sikkim (R)	7600	5846	8000	204
	Sub-Total	2397570	1178726	2255525	247438
NORTH EASTERN REGION	Assam	208750	113122	112723	7006
	Manipur	8078	7840	14662	1803
	Meghalaya	25782	14980	11712	852
	Nagaland (R)	4990	14256	7284	1242
	Tripura (R)	20413	19024	42831	2635
	Arunachal Pradesh(	11640	10963	3020	134
	Mizoram (E)	6859	3086	797	52
	Sub-Total	286512	183271	193029	13724
	Total (All India)	17646475	11795248	30162845	2591661

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Table No.63(Contd.)
CLASSIFICATION OF CONSUMERS AND CONNECTED LOAD (UTILITIES)
REGIONWISE/STATEWISE AS ON 31.3.2000

Region	State/UTs	INDUSTRIAL(H.V.)		PUBLIC LIGHTING	
		Connected load(KW)	Consumers	Connected load(KW)	Consumers
NORTHERN REGION	Haryana	1333401	3003	8754	1704
	Himachal Pradesh	C	C	2257	433
	Jammu & Kashmir (R)	42000	100	22000	150
	Punjab	2618549	3046	15272	1284
	Rajasthan	1855580	2047	36845	6094
	Uttar Pradesh	1620897	2628	88654	14541
	Chandigarh	54920	98	3205	413
	Delhi (E)	362000	852	173050	2151
	Sub-Total	7887347	11774	350037	26770
WESTERN REGION	Gujarat	2953844	4956	100259	17850
	Madhya Pradesh	1982734	1813	47963	24857
	Maharashtra	5910520	10457	171583	57350
	Goa (R)	49868	459	39913	989
	D. & N Haveli (R)	78460	257	110	145
	Daman & Diu	153386	516	612	93
	Sub-Total	11128812	18458	360440	101284
SOUTHERN REGION	Andhra Pradesh	2634000	2541	122719	69223
	Karnataka	1398248	3416	37580	16673
	Kerala	1234308	1724	40502	7864
	Tamil Nadu	4749026	4723	145460	139323
	Pondicherry	295215	239	3789	823
	Lakshadweep	0	0	227	844
	Sub-Total	10310797	12643	350277	234750
EASTERN REGION	Bihar	665833	1710	12969	6108
	Orissa (R)	747276	457	7066	1888
	West Bengal (A)	4064458	3579	26000	869
	D V C	810720	66	0	0
	A&N Islands (R)	0	0	35	263
	Sikkim (R)	0	0	8000	200
	Sub-Total	6288287	5812	54070	9328
NORTH EASTERN REGION	Assam	484318	2622	8453	523
	Manipur	2552	10	1514	324
	Meghalaya	35191	68	256	96
	Nagaland (R)	0	0	1043	717
	Tripura (R)	0	0	3125	36
	Arunachal Pradesh(@)	0	0	4313	143
	Mizoram (E)	0	0	670	3
		Sub-Total	522061	2700	19374	1842
	Total (All India)	36137304	51387	1134198	373974
	C - Included under Industrial (LV&MV)				

Contd.

Table No.63(Contd.)
CLASSIFICATION OF CONSUMERS AND CONNECTED LOAD (UTILITIES)
REGIONWISE/STATEWISE AS ON 31.3.2000

Region	State/UTs	TRACTION		AGRICULTURE	
		Connected load(KW)	Consumers	Connected load(KW)	Consumers
NORTHERN REGION	Haryana	0	0	2053182	353899
	Himachal Pradesh	0	0	46945	5711
	Jammu & Kashmir (R)	0	0	114375	3335
	Punjab	0	0	2725014	771124
	Rajasthan	84500	8	3582493	590787
	Uttar Pradesh	262729	7	3452559	661066
	Chandigarh	0	0	1414	269
	Delhi (E)	0	0	96987	20436
	Sub-Total	347229	15	12072969	2422406
WESTERN REGION	Gujarat	104245	11	5031406	567810
	Madhya Pradesh	626250	56	3931573	1353297
	Maharashtra	474948	80	7524817	2269369
	Goa (R)	0	0	18547	8666
	D. & N Haveli (R)	0	0	1754	633
	Daman & Diu	0	0	3372	1124
	Sub-Total	1205443	147	16511469	4200901
SOUTHERN REGION	Andhra Pradesh	318000	36	7056156	1932979
	Karnataka	9350	2	4416637	1197297
	Kerala	13052	3	686000	368473
	Tamil Nadu	90000	10	5859194	1592481
	Pondicherry	0	0	52317	10267
	Lakshadweep	0	0	0	0
	Sub-Total	430402	51	18070304	5101367
EASTERN REGION	Bihar	183300	16	1159512	274671
	Orissa (R)	80998	10	260526	41979
	West Bengal (A)	230250	20	451915	97333
	D.V.C.	111600	11	0	0
	A&N Islands (R)	0	0	1450	139
	Sikkim (R)	0	0	0	0
	Sub-Total	606148	57	1873505	406022
NORTH EASTERN REGION	Assam	0	0	66435	2163
	Manipur	0	0	8476	55
	Meghalaya	0	0	487	36
	Nagaland (R)	0	0	1080	108
	Tripura (R)	0	0	20388	546
	Arunachal Pradesh(	0	0	0	0
	Mizoram (E)	0	0	0	0
		Sub-Total	0	0	96866	2998
	Total (All India)	2589222	270	48625113	12195674

Contd

Table No.63(Contd.)
CLASSIFICATION OF CONSUMERS AND CONNECTED LOAD (UTILITIES)
REGIONWISE/STATEWISE AS ON 31.3.2000

Region	State/UTs	PUBLIC WATER WORKS		MISCELLANEOUS	
		Connected load(KW)	Consumers	Connecte load(KW)	Consumers
NORTHERN REGION	Haryana	93576	5759	162517	601
	Himachal Pradesh	84182	1519	59111	116
	Jammu & Kashmir (R)	122860	2400	75321	8322
	Punjab	89385	4115	328138	2119
	Rajasthan	304546	20486	159879	8744
	Uttar Pradesh	168957	4958	30000	1
	Chandigarh	8001	293	7865	9
	Delhi (E)	148860	121	0	0
	Sub-Total	1020367	39651	822831	19912
WESTERN REGION	Gujarat	324255	22688	63717	453
	Madhya Pradesh	157926	14873	12447	52446
	Maharashtra	636362	47787	439612	951
	Goa (R)	42076	468	0	0
	D. & N Haveli (R)	171	86	355	8858
	Daman & Diu	870	58	0	0
	Sub-Total	1161660	85960	516131	62708
SOUTHERN REGION	Andhra Pradesh	F	F	566054	95653
	Karnataka	238869	41575	2424	1646
	Kerala	60000	1837	0	0
	Tamil Nadu	219400	44664	277410	189285
	Pondicherry	6804	26	0	0
	Lakshadweep	0	0	0	0
		Sub-Total	525073	88102	845888	286584
EASTERN REGION	Bihar	50747	1391	0	0
	Orissa (R)	48340	1310	141613	13312
	West Bengal (A)	112912	8321	286356	2423
	D V C.	0	0	5000	3
	A&N Islands (R)	0	0	4757	420
	Sikkim (R)	0	0	0	0
	Sub-Total	211999	11022	437726	16158
NORTH EASTERN REGION	Assam	21419	1388	181444	150020
	Manipur	4286	106	23143	316
	Meghalaya	9498	188	41188	2203
	Nagaland (R)	1435	41	5545	155
	Tripura (R)	9784	530	(RE)400	3425
	Arunachal Pradesh(	740	26	2268	6626
	Mizoram (E)	5979	13	3927	78
		Sub-Total	53141	2292	297515	162823
	Total (All India)	2972240	227027	2920091	548185

F - Included under Industrial(H V).

(RE) - Rough Estimate

TABLE NO.64
AVERAGE ELECTRICITY CONSUMPTION PER CONSUMER
REGIONWISE/STATEWISE/CATEGORYWISE DURING 1999-2000

(IN THOUSAND KWH)				
Region	State/U.Ts.	Total Average all categories	Domestic	Commer- cial
NORTHERN REGION	Haryana	2.81	0.79	1.18
	Himachal Pradesh	1.55	0.49	1.02
	Jammu & Kashmir	3.91	2.16	4.46
	Punjab	4.21	1.06	1.38
	Rajasthan	3.08	0.73	1.35
	Uttar Pradesh	2.78	1.20	2.53
	Chandigarh	3.99	1.56	8.60
	Delhi	3.75	2.04	5.13
	Sub-Total	3.17	1.10	2.21
WESTERN REGION	Gujarat	3.83	0.61	1.25
	Madhya Pradesh	2.70	0.58	1.19
	Maharashtra	3.05	0.91	2.44
	Goa	3.00	1.04	1.89
	Daman & Diu	19.69	1.84	6.01
	D & N Haveli	14.80	0.44	0.88
	Sub-Total	3.19	0.75	1.80
SOUTHERN REGION	Andhra Pradesh	2.27	0.67	1.31
	Karnataka	1.62	0.46	0.81
	Kerala	1.60	0.98	0.86
	Tamil Nadu	2.30	0.62	1.96
	Pondicherry	5.94	1.08	2.57
	Lakshdweep	1.02	0.88	1.48
	Sub-Total	2.04	0.65	1.33
EASTERN REGION	Bihar	4.97	0.65	1.27
	Orissa	4.24	1.84	2.80
	West Bengal	3.32	1.25	2.82
	A & N Islands	1.40	0.83	2.00
	Sikkim	1.91	1.07	3.11
	Sub-Total	3.90	1.20	2.38
NORTH EASTERN REGION	Assam	2.13	0.80	1.54
	Manipur	1.15	0.72	1.80
	Meghalaya	2.65	1.41	2.53
	Nagaland	1.22	0.82	0.66
	Tripura	2.32	1.03	1.66
	Arunachal Pradesh	0.79	0.66	0.77
	Mizoram	1.17	0.84	1.71
	Sub-Total	1.89	0.88	1.53
	Total (All India)	2.79	0.84	1.79

Contd.

**TABLE NO.64 (Contd.)
AVERAGE ELECTRICITY CONSUMPTION PER CONSUMER
REGIONWISE/STATEWISE/CATEGORYWISE DURING 1999-2000**

(IN THOUSAND KWH)				
Region	State/U.Ts.	Industrial L.V. & M.V.	Industrial H.V.	Public Lighting
NORTHERN REGION	Haryana	9.73	406.08	18.13
	Himachal Pradesh	39.75	0.00	18.29
	Jammu & Kashmir	53.75	0.00	203.93
	Punjab	17.66	1763.30	47.15
	Rajasthan	9.16	1690.74	12.82
	Uttar Pradesh	9.38	1634.93	29.87
	Chandigarh	29.70	1226.12	32.03
	Delhi	28.74	0.00	64.65
	Sub-Total	15.54	1260.82	29.68
WESTERN REGION	Gujarat	15.33	1462.36	8.83
	Madhya Pradesh	8.01	3089.32	6.29
	Maharashtra	11.59	1454.00	9.40
	Goa	5.53	1221.92	15.19
	Daman & Diu	102.60	0.00	20.90
	D & N Haveli	13.44	1172.48	10.75
		Sub-Total	12.47	1605.78	8.61
SOUTHERN REGION	Andhra Pradesh	10.27	1643.06	5.99
	Karnataka	3.98	1143.77	25.97
	Kerala	6.07	1638.63	22.66
	Tamil Nadu	7.67	1832.53	1.84
	Pondicherry	15.04	3354.27	13.15
	Lakshdweep	2.59	0.00	1.39
	Sub-Total	6.73	1610.68	5.52
EASTERN REGION	Bihar	3.35	3950.82	7.28
	Orissa	8.51	4763.68	21.72
	West Bengal	7.79	1376.59	147.28
	A & N Islands	12.32	0.00	21.67
	Sikkim	91.08	0.00	82.15
	Sub-Total	6.35	2421.12	25.26
NORTH EASTERN REGION	Assam	42.25	181.06	19.69
	Manipur	5.06	177.00	9.63
	Meghalaya	6.15	1060.59	8.23
	Nagaland	17.10	0.00	5.73
	Tripura	18.21	0.00	226.67
	Arunachal Pradesh	36.27	0.00	70.63
	Mizoram	30.00	0.00	2923.33
	Sub-Total	28.13	203.20	24.62
	Total (All India)	10.52	1546.47	8.67

Contd.

TABLE NO.64 (Contd.)
AVERAGE ELECTRICITY CONSUMPTION PER CONSUMER
REGIONWISE/STATEWISE/CATEGORYWISE DURING 1999-2000

Region	State/U.Ts.	Traction	(IN THOUSAND KWH)		
			Agricul- tural	Public Water Works	Misce- llaneous
NORTHERN REGION	Haryana	0.00	12.97	38.94	387.65
	Himachal Pradesh	0.00	2.90	121.13	1021.47
	Jammu & Kashmir	0.00	39.09	103.48	32.07
	Punjab	0.00	10.68	48.65	259.38
	Rajasthan	28161.25	10.94	33.41	48.21
	Uttar Pradesh	139142.86	8.16	117.86	76240.00
	Chandigarh	0.00	9.89	0.00	11718.89
	Delhi	0.00	3.20	3106.53	0.00
	Sub-Total	101612.00	10.33	63.09	96.77
WESTERN REGION	Gujarat	34454.55	26.33	24.93	212.45
	Madhya Pradesh	26040.36	7.50	33.84	0.46
	Maharashtra	18770.50	4.68	34.54	385.96
	Goa	0.00	1.69	10.00	0.00
	Daman & Diu	0.00	5.09	7.91	0.44
	D & N Haveli	0.00	0.67	6.03	0.00
		Sub-Total	22713.61	8.51	31.71	7.83
SOUTHERN REGION	Andhra Pradesh	24750.00	5.84	0.00	10.70
	Karnataka	14255.00	5.33	7.28	16.05
	Kerala	6000.00	1.02	139.90	0.00
	Tamil Nadu	46900.00	5.57	11.03	3.40
	Pondicherry	0.00	9.37	610.00	0.00
	Lakshdweep	0.00	0.00	0.00	0.00
		Sub-Total	27578.63	5.30	12.12	6.08
EASTERN REGION	Bihar	39157.08	5.56	132.22	0.00
	Orissa	17500.00	5.17	18.63	23.51
	West Bengal	30612.17	14.33	43.14	50.24
	A & N Islands	0.00	0.00	0.00	26.19
	Sikkim	0.00	0.00	0.00	0.00
		Sub-Total	31909.65	7.48	58.65	29.59
NORTH EASTERN REGION	Assam	0.00	21.43	45.87	1.88
	Manipur	0.00	55.09	75.38	101.87
	Meghalaya	0.00	6.67	118.51	31.00
	Nagaland	0.00	0.00	74.63	133.42
	Tripura	0.00	127.11	104.57	3.58
	Arunachal Pradesh	0.00	0.00	41.54	0.00
	Mizoram	0.00	0.00	1080.77	60.64
		Sub-Total	0.00	40.93	73.10	2.58
	Total (All India)	29957.19	7.49	31.31	9.23

TABLE NO.65
AVERAGE CONNECTED LOAD PER CONSUMER
REGIONWISE/STATEWISE/CATEGORYWISE AS ON 31.3.2000
(IN KW)

Region	State/U.Ts.	Total Average Domestic all categories	Domestic	Commercial
NORTHERN REGION	Haryana	2.12	0.82	1.03
	Himachal Pradesh	1.60	0.99	2.15
	Jammu & Kashmir	1.06	0.33	0.72
	Punjab	2.72	1.41	1.86
	Rajasthan	2.12	0.68	1.31
	Uttar Pradesh	1.96	1.07	2.18
	Chandigarh	3.69	2.38	8.67
	Delhi	2.12	1.18	3.69
	Sub-Total	2.14	1.02	1.97
WESTERN REGION	Gujarat	2.06	0.64	1.17
	Madhya Pradesh	1.22	0.31	0.98
	Maharashtra	2.11	0.88	2.00
	Goa	26.16	30.66	1.77
	Dadra & N.Haveli	4.12	0.57	1.49
	Daman & Diu	6.52	0.99	2.21
	Sub-Total	2.11	1.00	1.53
SOUTHERN REGION	Andhra Pradesh	1.66	0.60	0.98
	Karnataka	1.30	0.62	0.50
	Kerala	1.34	0.75	1.04
	Tamil Nadu	1.78	0.78	1.18
	Pondicherry	2.75	0.63	1.50
	Lakshadweep	1.15	1.03	1.42
	Sub-Total	1.57	0.68	0.97
EASTERN REGION	Bihar (*)	2.77	0.88	4.40
	Orissa	2.35	1.22	1.05
	West Bengal (*)	1.93	0.66	1.14
	A. & N. Islands	0.92	0.68	1.03
	Sikkim	0.76	0.37	1.30
	Sub-Total	2.33	0.81	2.03
NORTH EASTERN REGION	Assam	2.11	1.24	1.85
	Manipur	0.88	0.50	1.03
	Meghalaya	1.97	1.28	1.72
	Nagaland	0.49	0.35	0.35
	Tripura	1.42	0.64	1.07
	Arunachal Pradesh	0.62	0.49	1.06
	Mizoram	1.45	1.30	2.22
	Sub-Total	1.67	0.99	1.56
	Total (All India)	1.93	0.87	1.50

(*) - Includes D V C

Contd.

TABLE NO.65 (Contd.)
AVERAGE CONNECTED LOAD PER CONSUMER
REGIONWISE/STATEWISE/CATEGORYWISE AS ON 31.3.2000
(IN KW)

Region	State/U.Ts.	Industrial (L.V&M.V.)	Industrial (H.V.)	Public Lighting
NORTHERN REGION	Haryana	15.45	444.02	5.14
	Himachal Pradesh	18.74	0.00	5.21
	Jammu & Kashmir	13.52	420.00	146.67
	Punjab	17.25	859.67	11.89
	Rajasthan	13.15	906.49	6.05
	Uttar Pradesh	11.23	616.78	6.10
	Chandigarh	20.80	560.41	7.76
	Delhi	9.20	424.88	80.45
	Sub-Total	13.36	669.90	13.08
WESTERN REGION	Gujarat	13.22	596.01	5.62
	Madhya Pradesh	10.38	1093.62	1.93
	Maharashtra	13.44	565.22	2.99
	Goa	12.64	108.64	40.36
	Dadra & N.Haveli	29.88	305.29	0.76
	Daman & Diu	43.98	297.26	6.58
	Sub-Total	13.02	602.93	3.56
SOUTHERN REGION	Andhra Pradesh	16.38	1036.60	1.77
	Karnataka	6.38	409.32	2.25
	Kerala	15.15	715.96	5.15
	Tamil Nadu	9.11	1005.51	1.04
	Pondicherry	15.98	1235.21	4.60
	Lakshadweep	8.41	0.00	0.27
	Sub-Total	101.10	815.53	1.49
EASTERN REGION	Bihar	16.41	734.02	2.12
	Orissa	15.46	1635.18	3.74
	West Bengal	3.23	1181.58	29.92
	A. & N. Islands	12.02	0.00	0.13
	Sikkim	39.22	0.00	40.00
	Sub-Total	9.12	1081.95	5.80
NORTH EASTERN REGION	Assam	16.09	184.71	16.16
	Manipur	8.13	255.20	4.67
	Meghalaya	13.75	517.51	2.67
	Nagaland	5.86	0.00	1.45
	Tripura	16.25	0.00	86.81
	Arunachal Pradesh	22.54	0.00	30.16
	Mizoram	15.33	0.00	0.00
	Sub-Total	14.07	193.36	10.52
	Total (All India)	11.64	703.24	3.03

Contd.

TABLE NO.65 (Contd.)
AVERAGE CONNECTED LOAD PER CONSUMER
REGIONWISE/STATEWISE/CATEGORYWISE AS ON 31.3.2000

(IN KW)

Region	State/U.Ts.	Traction	Agricul- tural	Public Water Works	Miscella- neous
NORTHERN REGION	Haryana	0.00	5.80	16.25	270.41
	Himachal Pradesh	0.00	8.22	55.42	509.58
	Jammu & Kashmir	0.00	35.36	51.19	9.05
	Punjab	0.00	3.53	21.72	154.86
	Rajasthan	10562.50	5.97	14.87	18.28
	Uttar Pradesh	37532.71	5.22	34.08	0.00
	Chandigarh	0.00	5.26	27.31	873.89
	Delhi	0.00	3.67	1230.25	0.00
	Sub-Total	23148.60	4.98	25.73	41.32
WESTERN REGION	Gujarat	9476.82	8.87	14.29	140.66
	Madhya Pradesh	11183.04	2.91	10.62	0.24
	Maharashtra	5936.85	3.32	13.32	462.26
	Goa	0.00	2.14	89.91	0.00
	Dadra & N.Haveli	0.00	2.77	1.99	0.04
	Daman & Diu	0.00	3.00	15.00	0.00
	Sub-Total	8200.29	3.93	13.51	8.23
SOUTHERN REGION	Andhra Pradesh	8833.33	3.65	0.00	5.92
	Karnataka	4675.00	3.69	5.75	1.47
	Kerala	4350.67	1.86	32.66	0.00
	Tamil Nadu	9000.00	3.77	4.91	1.47
	Pondicherry	0.00	5.10	261.69	0.00
	Lakshadweep	0.00	0.00	0.00	0.00
	Sub-Total	8439.25	3.57	5.96	2.95
EASTERN REGION	Bihar	10970.83	4.22	36.48	1666.67
	Orissa	8099.80	6.21	36.90	0.00
	West Bengal	11384.78	4.95	13.57	118.18
	A. & N. Islands	0.00	13.30	0.00	11.33
	Sikkim	0.00	0.00	0.00	0.00
	Sub-Total	10634.18	4.59	19.23	27.09
NORTH EASTERN REGION	Assam	0.00	30.71	15.43	1.21
	Manipur	0.00	154.11	40.43	73.24
	Meghalaya	0.00	13.53	50.52	18.70
	Nagaland	0.00	10.00	35.00	35.77
	Tripura	0.00	37.34	18.46	11.68
	Arunachal Prades	0.00	0.00	28.46	0.34
	Mizoram	0.00	0.00	459.92	50.35
	Sub-Total	0.00	33.31	23.19	1.83
	Total (All India)	9589.71	4.02	13.09	5.33

SECTION X

Urban & Rural Electrification

SECTION -X

URBAN & RURAL ELECTRIFICATION

High Priority continued to be given to the implementation of rural electrification work. The revised program includes electrification of all villages as speedily as possible and increase in irrigation potential through energisation of pump sets. Rural electrification program is being implemented by States and Union Territories in their respective areas under the State Plans supplemented by the REC (Rural Electrification Corporation) financing and loans from Financial Institutions.

During the year 1999-2000, 2093 villages were electrified bringing the total number of villages electrified to 506916 as on 31st March, 2000 which represents 86.30% of the total registered villages in the country. The States of Punjab, Maharashtra, Gujarat, Haryana, Goa, Andhra Pradesh, Sikkim, Tamil Nadu, Delhi, Kerala and the Union Territories of Chandigarh, Pondicherry, Daman & Diu, Lakshadweep Islands, Dadra & Nagar Haveli and Andaman & Nicobar Islands have already achieved 100% electrification of villages in their territories.

On the regional basis, the Southern Region tops with 99.40% of villages electrified followed by Western Region (97.40%), Northern Region (86.30%), Eastern Region (74.00%) and North Eastern Region (73.20%). The rural population on all India basis enjoying the benefits of village electrification was 88.19% as on 31st March, 2000. All the 4.673 towns in the country stand already electrified.

The energisation of pumpsets also progressed satisfactorily. The total number of energised pump sets/tube wells in the country was 125,14,244 as on 31st March, 2000. Maharashtra has maximum number of energised pump sets (22,75,531) followed by Andhra Pradesh (19,10,712). The average connected load and electricity consumption per pumpset is 3.82 KW and 7266 Kwh respectively. The electricity consumption in agriculture sector is second highest being 29.07% of total consumption of electricity of 312841 Gwh in the country during 1999-2000.

TABLE NO.66
TOWNS ELECTRIFIED IN VARIOUS POPULATION GROUPS
REGIONWISE/STATEWISE AS ON 31.3.2000

REGIONWISE/STATEWISE AS ON 31.3.2000

Region	Name of the State/U.Ts.	Total no. of Towns (1991 Census)	POPULATION GROUPS (1991 CENSUS)		
			Below 5000	5000 to 9999	10000 to 19999
NORTHERN REGION	Haryana	94			
	Himachal Pradesh	58			
	Jammu & Kashmir	58			
	Punjab	120			
	Rajasthan	222			
	Uttar Pradesh	753			
	Chandigarh	5			
	Delhi	32			
	Sub-Total	1342			
WESTERN REGION	Gujarat	264			
	Madhya Pradesh	465			
	Maharashtra	336			
	Goa	31			
	Daman & Diu	2			
	D. & N Haveli	1			
	Sub-Total	1099			
SOUTHERN REGION	Andhra Pradesh	264			
	Karnataka	306			
	Kerala	197			
	Tamil Nadu	469			
	Pondicherry	11			
	Lakshadweep	4			
	Sub-Total	1251			
EASTERN REGION	Bihar	271			
	Orissa	124			
	West Bengal	382			
	A. & N Islands	1			
	Sikkim	8			
	Sub-Total	786			
NORTH EASTERN REGION	Assam	93			
	Manipur	31			
	Meghalaya	12			
	Nagaland	9			
	Tripura	18			
	Arunachal Pradesh	10			
	Mizoram	22			
	Sub-Total	195			
	Total (All India)	4673			

Note - Population groupwise details of towns electrified is not available.

Contd.

**TABLE NO.66 (Contd.)
TOWNS ELECTRIFIED IN VARIOUS POPULATION GROUPS
REGIONWISE/STATEWISE AS ON 31.3.2000**

Region	Name of the State/U.Ts.	POPULATION GROUPS (1991 CENSUS)			Total no. of Towns Electrified
		20000 to 49999	50000 to 99999	Over 1 Lakh	
NORTHERN REGION	Haryana				94
	Himachal Pradesh				58
	Jammu & Kashmir				58
	Punjab				120
	Rajasthan				222
	Uttar Pradesh				753
	Chandigarh				5
	Delhi				32
	Sub-Total				1342
WESTERN REGION	Gujarat				264
	Madhya Pradesh				465
	Maharashtra				336
	Goa				31
	Daman & Diu				2
	D. & N Haveli				1
	Sub-Total				1099
SOUTHERN REGION	Andhra Pradesh				264
	Karnataka				306
	Kerala				197
	Tamil Nadu				469
	Pondicherry				11
	Lakshadweep				4
	Sub-Total				1251
EASTERN REGION	Bihar				271
	Orissa				124
	West Bengal				382
	A. & N. Islands				1
	Sikkim				8
	Sub-Total				786
NORTH EASTERN REGION	Assam				93
	Manipur				31
	Meghalaya				12
	Nagaland				9
	Tripura				18
	Arunachal Pradesh				10
	Mizoram				22
	Sub-Total				195
	Total (All India)				4673

Note :- Population groupwise details of towns electrified is not available.

TABLE NO.67
VILLAGES ELECTRIFIED IN VARIOUS POPULATION GROUPS (1991 CENSUS)
AND RURAL POPULATION BENEFITTED BY ELECTRICITY REGIONWISE/STATEWISE
AS ON 31ST MARCH ,2000

Region	Name of the State State/U.Ts.	Total No. of Villages	VILLAGES ELECTRIFIED IN VARIOUS POPULATION GROUPS		
			Below 500	500 to 999	1000 to 1999
NORTHERN REGION	Haryana	6759	1083	3566	0
	Himachal Pradesh	16997	14631	1593	488
	Jammu & Kashmir (++)(+)	6477	3246	1670	1007
	Punjab	12428	3839	3611	3130
	Rajasthan(++)	37889	14840	9909	6999
	Uttar Pradesh (++)	112803	40291	24132	16349
	Chandigarh	25	5	2	6
	Delhi	199	16	13	44
	Sub-Total	193577	77951	44496	28023
WESTERN REGION	Gujarat (*)	18028	3806	4632	5433
	Madhya Pradesh	71526	32030	21418	11369
	Maharashtra (++)(@)(*)	40412	11703	12408	10632
	Goa (++)(@)	360	92	64	78
	Daman & Diu	24	3	6	6
	D & N Haveli	71	12	15	17
	Sub-Total	130421	47646	38543	27535
SOUTHERN REGION	Andhra Pradesh(*)	26586	7071	4764	6433
	Karnataka(#)	27066	9337	7401	5859
	Kerala	1384	6	3	18
	Tamil Nadu	15822	2064	2851	4625
	Pondicherry	263	99	75	48
	Lakshadweep	7	2	0	0
	Sub-Total	71128	18579	15094	16983
EASTERN REGION	Bihar (++)(\$\$)	67513	22660	11993	8051
	Orissa (++)	46989	21648	8469	3863
	West Bengal (++)	37910	10875	8293	5947
	A & N Islands (*)	504	377	65	44
	Sikkim (++)(\$)	447	135	159	79
	Sub-Total	153363	55695	28979	17984
NORTH EASTERN REGION	Assam (++)	24685	11239	5000	2001
	Manipur	2182	1373	290	185
	Meghalaya (++)	5484	1953	415	108
	Nagaland (++)	1216	641	274	168
	Tripura	855	62	98	199
	Arunachal Pradesh	3649	1849	0	294
	Mizoram	698	456	153	64
	Sub-Total	38769	17573	6230	3019
	Total (All India)	587258	217444	133342	93544

TABLE NO.67 (Contd.)
VILLAGES ELECTRIFIED IN VARIOUS POPULATION GROUPS (1991 CENSUS)
AND RURAL POPULATION BENEFITTED BY ELECTRICITY REGIONWISE/STATEWISE
AS ON 31ST MARCH, 2000

Region	Name of the State/U.Ts.	VILLAGES ELECTRIFIED IN VARIOUS POPULATION GROUPS			Total electrified as on 31.3.2000
		2000 to 4999	5000 to 9999	10,000 & above	
NORTHERN REGION	Haryana	1702	364	44	6759
	Himachal Pradesh	125	7	0	16844
	Jammu & Kashmir (++)(+)	373	18	1	6315
	Punjab	1626	208	14	12428
	Rajasthan(++)	3250	418	31	35447
	Uttar Pradesh (++)	7028	1188	129	89117
	Chandigarh	8	3	1	25
	Delhi	86	19	21	199
	Sub-Total	14198	2225	241	167134
WESTERN REGION	Gujarat (*)	3419	575	75	17940
	Madhya Pradesh	3263	266	0	68346
	Maharashtra (++)(@)(*)	4715	762	192	40412
	Goa (++)(@)	94	31	1	360
	Daman & Diu	6	2	1	24
	D & N Haveli	25	1	1	71
		Sub-Total	11522	1637	270	127153
SOUTHERN REGION	Andhra Pradesh(*)	6510	1474	313	26566
	Karnataka(#)	3424	570	100	26691
	Kerala	98	255	1004	1384
	Tamil Nadu	4764	1247	271	15822
	Pondicherry	38	3	0	263
	Lakshadweep	4	1	0	7
		Sub-Total	14838	3550	1688	70732
EASTERN REGION	Bihar (++)(\$\$)	4114	875	195	47888
	Orissa (++)	1106	100	4	35190
	West Bengal (++)	3562	708	130	29515
	A & N. Islands (*)	15	0	0	501
	Sikkim (++)(\$)	29	3	0	405
		Sub-Total	8826	1666	329	113499
NORTH EASTERN REGION	Assam (++)	743	33	3	19019
	Manipur	134	16	3	2001
	Meghalaya (++)	34	0	0	2510
	Nagaland (++)	105	8	0	1196
	Tripura	343	93	15	810
	Arunachal Pradesh	24	3	1	2171
	Mizoram	16	2	0	691
		Sub-Total	1399	155	22	28398
	Total (All India)	50783	9263	2550	506916

(@) - Provisional to be confirmed as per 1991 census (++) - Estimated

(*) - Fully electrified Balance not feasible for electrification

(\$\$) - Achievement as per 1981 census

(+) - Achievement as per 1971 census. 1991 census not held and electrified upto 3-98

(#) - 329 villages declared non-feasible for electrification

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TABLE NO.67 (Contd.)
VILLAGES ELECTRIFIED IN VARIOUS POPULATION GROUPS (1991 CENSUS)
AND RURAL POPULATION BENEFITTED BY ELECTRICITY REGIONWISE/STATEWISE
AS ON 31ST MARCH, 2000

Region	Name of the State/U.Ts.	% age electrified	Villages electrified during 1999-2000	Total Rural Population (Lakhs) 1991 Census	Rural Population covered (Lakhs) 1991 Census	% Population covered 1991 Census
NORTHERN REGION	Haryana	100.00	0	124.09	124.09	100.00
	Himachal Pradesh(++)	99.10	25	47.22	47.08	99.70
	Jammu & Kashmir (+)(++)	97.50	NA	58.79	54.00	91.85
	Punjab	100.00	0	142.89	142.89	100.00
	Rajasthan(++)	93.60	510	339.39	328.00	96.64
	Uttar Pradesh(++)	79.00	476	1115.06	900.00	80.71
	Chandigarh	100.00	0	0.66	0.65	100.00
	Delhi	100.00	0	9.49	9.49	100.00
	Sub-Total	86.30	1011	1837.59	1606.21	87.41
WESTERN REGION	Gujarat (*)	100.00	0	270.64	267.93	99.00
	Madhya Pradesh	95.60	87	508.42	500.79	98.50
	Maharashtra(@)(*)	100.00	0	483.96	483.96	100.00
	Goa(@)(++)	100.00	0	6.90	6.90	100.00
	Daman & Diu	100.00	0	0.54	0.54	100.00
	D. & N Haveli	100.00	0	1.26	1.26	100.00
		Sub-Total	97.40	87	1271.72	1261.38	99.19
SOUTHERN REGION	Andhra Pradesh(*) (++)	100.00	0	486.21	486.21	100.00
	Karnataka	98.60	15	310.69	310.43	99.92
	Kerala	100.00	0	214.18	213.56	99.71
	Tamil Nadu	100.00	0	367.81	366.01	99.51
	Pondicherry	100.00	0	2.90	2.90	100.00
	Lakshadweep	100.00	0	0.22	0.22	100.00
	Sub-Total	99.40	15	1382.01	1379.33	99.81
EASTERN REGION	Bihar(++)	70.90	43	750.21	505.00	67.31
	Orissa(++)	74.90	748	274.25	242.00	88.24
	West Bengal(++)	77.90	113	493.70	326.00	66.03
	A & N Islands (*)	100.00	0	2.05	2.05	100.00
	Sikkim (\$)(++)	100.00	0	3.69	3.69	100.00
	Sub-Total	74.00	904	1523.90	1078.74	70.79
NORTH EASTERN REGION	Assam(++)	77.00	0	199.27	154.04	77.30
	Manipur	91.70	11	13.32	12.65	94.97
	Meghalaya(++)	45.80	0	14.45	10.10	69.90
	Nagaland	98.40	33	10.01	10.00	99.90
	Tripura(++)	94.70	4	23.35	23.01	98.54
	Arunachal Pradesh(++)	59.50	24	7.54	5.41	71.75
	Mizoram(++)	99.00	4	3.72	3.63	97.58
	Sub-Total	73.20	76	271.66	218.84	80.56
	Total (All India)	86.30	2093	6286.88	5544.50	88.19

NA - Not Available

(\$) - Provisional 42 forest villages not electrified

(*) - Provisional to be confirmed as per 1991 census (++) - Estimated - Rural Population Covered

(@) - Fully electrified Balance not feasible for electrification

(+) - Achievement as per 1971 census 1991 census not held Total villages as per 1981 Census and electrified upto 3-1998

TABLE NO.68
IRRIGATION PUMPSETS/TUBEWELLS ENERGISED-REGIONWISE/STATEWISE
AS ON 31ST MARCH,2000

Region	Name of the State/U.Ts.	AGRICULTURAL CONSUMPTION		
		No. of Pumpsets Energised	Quantum (GWH)	% to total consumption in the State
NORTHERN REGION	Haryana	411022	4590.91	47.83
	Himachal Pradesh	5762	16.54	0.76
	Jammu & Kashmir	5621	126.45	4.77
	Punjab	755141	8233.06	38.85
	Rajasthan	613061	6560.25	40.15
	Uttar Pradesh	817673	5400.47	23.01
	Chandigarh	623	2.66	0.37
	Delhi	25582	84.59	0.95
	Sub-Total	2634485	25014.93	29.41
WESTERN REGION	Gujarat	670422	14934.72	45.19
	Madhya Pradesh	1298108	10154.55	43.59
	Maharashtra	2275531	10623.06	21.72
	Goa	6658	14.62	1.46
	Daman & Diu	1006	3.22	0.59
	D. & N Haveli	416	0.75	0.11
	Sub-Total	4252141	35730.92	33.25
SOUTHERN REGION	Andhra Pradesh	1918712	11285.10	43.04
	Karnataka	1181963	6385.73	38.32
	Kerala	373862	375.13	3.86
	Tamil Nadu	1680312	8875.23	28.58
	Pondicherry	10267	96.19	7.76
	Lakshadweep	0	0.00	0.00
	Sub-Total	5165116	27017.38	31.81
EASTERN REGION	Bihar	272629	1525.94	13.36
	Orissa	74526	217.00	3.82
	West Bengal	109291	1308.45	8.68
	A. & N. Islands	1	0.00	0.00
	Sikkim	0	0.00	0.00
	Sub-Total	456447	3051.39	9.43
NORTH EASTERN REGION	Assam	3675	46.35	2.56
	Manipur	45	3.03	1.75
	Meghalaya	65	0.24	0.06
	Nagaland	176	0.00	0.00
	Tripura	2094	69.40	19.49
	Arunachal Pradesh	0	0.00	0.00
	Mizoram	0	0.00	0.00
	Sub-Total	6055	119.02	3.89
	Total (All India)	12514244	90933.64	29.07

Contd

TABLE NO. 68 (Contd.)
IRRIGATION PUMPSETS/TUBEWELLS ENERGISED-REGIONWISE/STATEWISE
AS ON 31ST MARCH,2000

Region	Name of the State/U.Ts.	Agricultural Connected Load(KW)	Average Capacity per pumpset(KW)	Average Consumption per pump-set(KWh)
NORTHERN REGION	Haryana	2053182	5.00	11169
	Himachal Pradesh	45158	7.84	2871
	Jammu & Kashmir	114375	20.35	22496
	Punjab	2725014	3.61	10903
	Rajasthan	3582493	5.84	10701
	Uttar Pradesh	3452559	4.22	6605
	Chandigarh	1414	2.27	4270
	Delhi	96987	3.79	3307
	Sub-Total	12071182	4.58	9495
WESTERN REGION	Gujarat	5031406	7.50	22277
	Madhya Pradesh	3931573	3.03	7823
	Maharashtra	7181447	3.16	4668
	Goa	18547	2.79	2196
	Daman & Diu	1754	1.74	3201
	D. & N Haveli	3372	8.11	1803
		Sub-To'al	16168099	3.80	8403
SOUTHERN REGION	Andhra Pradesh	7056156	3.68	5882
	Karnataka	4090761	3.46	5403
	Kerala	650000	1.74	1003
	Tamil Nadu	5759548	3.43	5282
	Pondicherry	52317	5.10	9369
	Lakshadweep	0	0.00	0
	Sub-Total	17608782	3.41	5231
EASTERN REGION	Bihar	1159512	4.25	5597
	Orissa	260628	3.50	2912
	West Bengal	451915	4.13	11972
	A & N Islands	1450	1450.00	0
	Sikkim	0	0.00	0
	Sub-Total	1873505	4.10	6685
NORTH EASTERN REGION	Assam	66435	18.08	12612
	Manipur	8476	188.36	67333
	Meghalaya	487	7.49	3692
	Nagaland	1080	6.14	0
	Tripura	20388	9.74	33142
	Arunachal Pradesh	0	0.00	0
	Mizoram	0	0.00	0
	Sub-Total	96866	16.00	19656
	Total (All India)	47818434	3.82	7266