



SCREENING CHAPTER 15 ENERGY

AGENDA ITEM: NEW AND RENEWABLE SOURCES OF ENERGY AND DEMAND MANAGEMENT – PART I

Demand Management-Cogeneration

Country Session: The Republic of TURKEY
14 - 15 June 2006



CONTENT

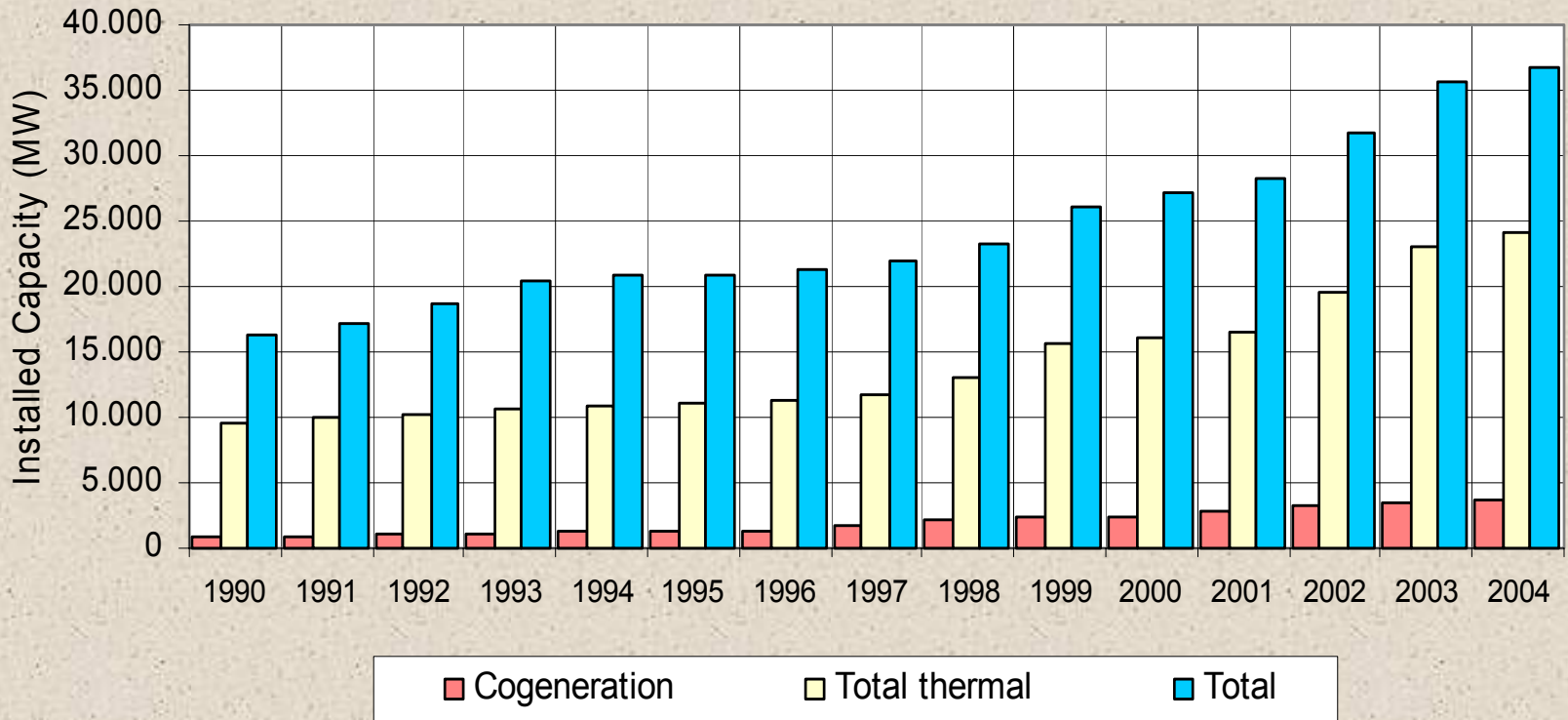
- Overview
- Legal Framework



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OVERVIEW

DEVELOPMENT OF INSTALLED CAPACITY



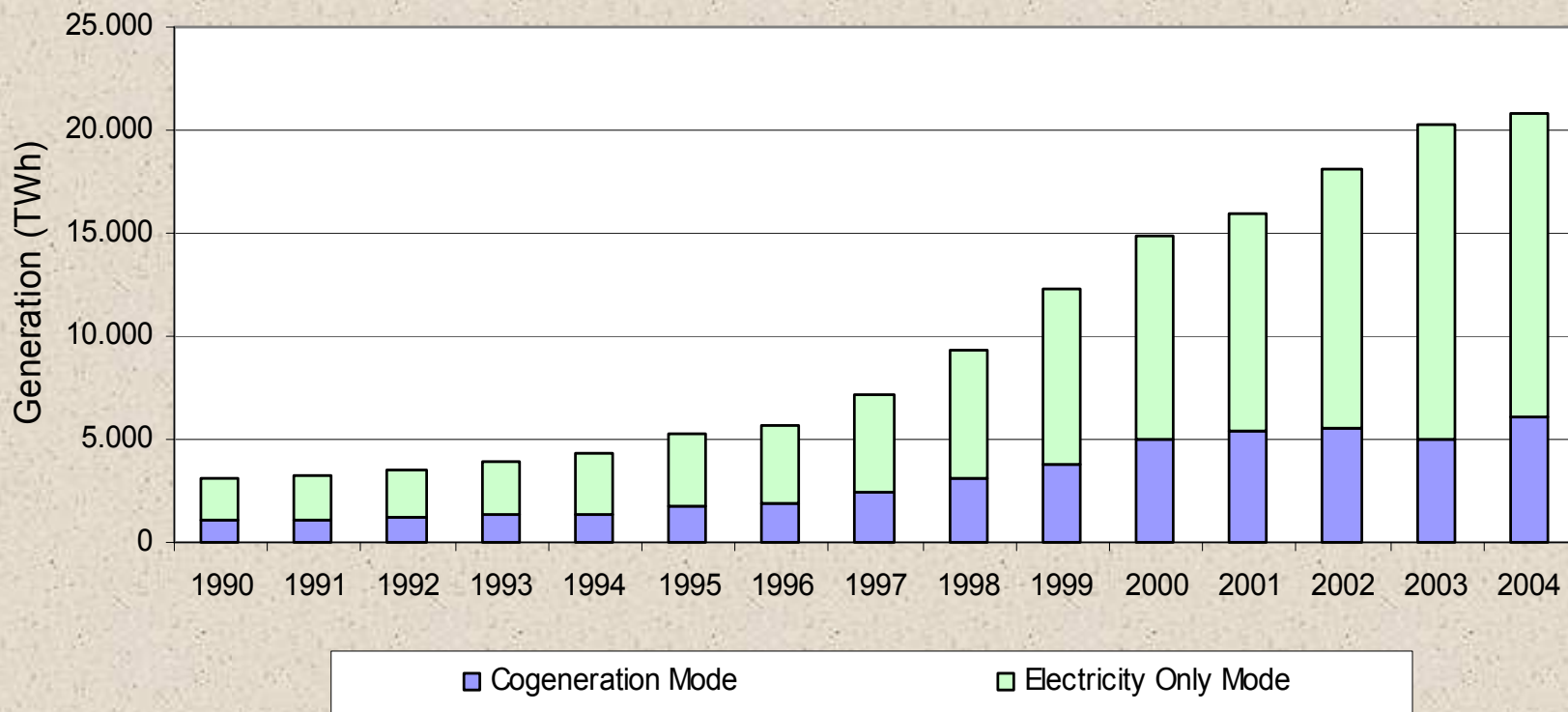
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OVERVIEW (CONT'D)

ELECTRICITY GENERATION BY COGENERATION PLANTS



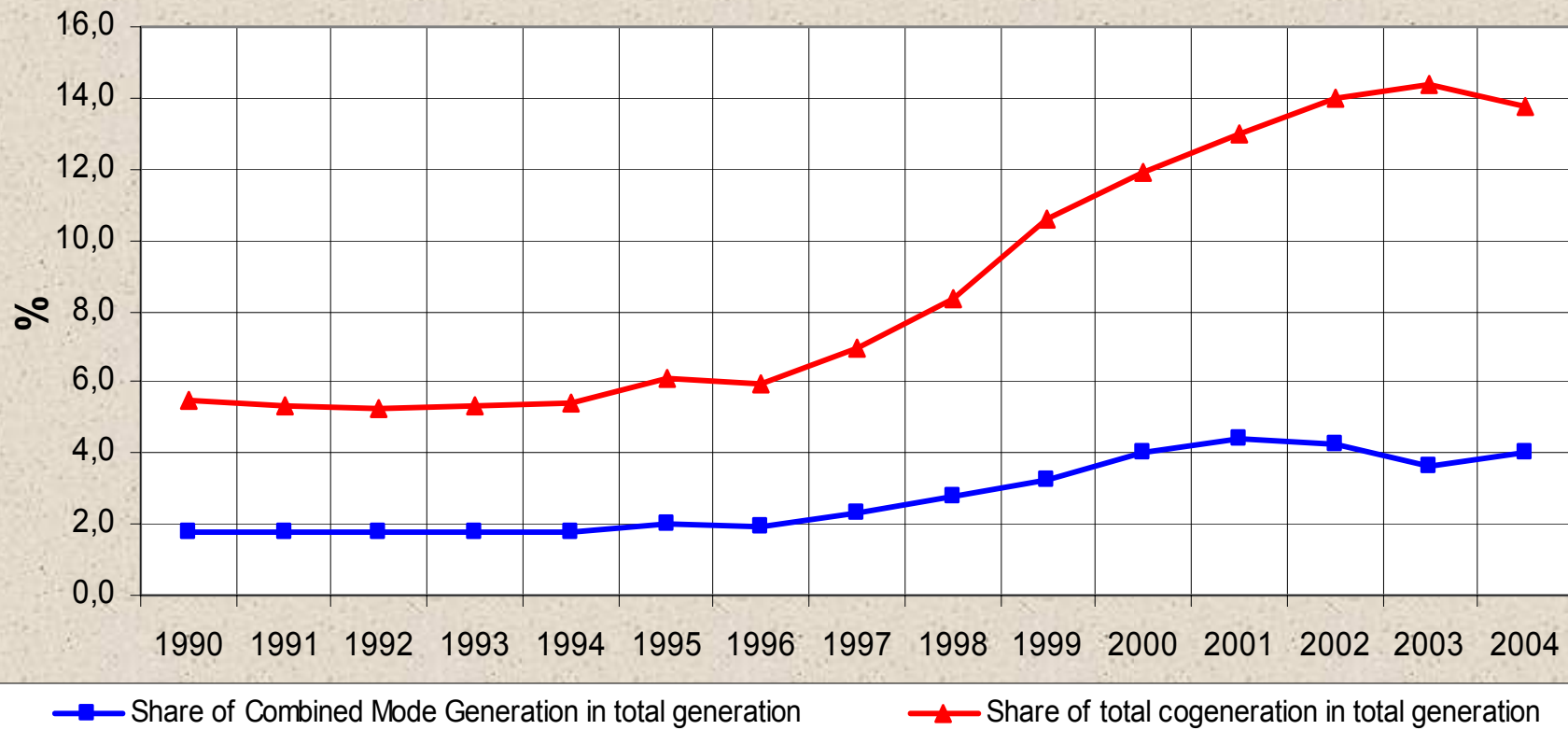
Source:TEIAS



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OVERVIEW (CONT'D)

SHARE OF THE ELECTRICITY GENERATION BY COGENERATION PLANTS IN TOTAL ELECTRICITY GENERATION OF TURKEY



Source: TEIAS



LEGAL FRAMEWORK (CONT'D)

- Electricity Market Law No 4628 regulates the electricity market, including the autoproducers and autoproducer groups most of which are cogeneration plants.
- Secondary legislation of the Electricity Market Law incorporates provisions to exempt cogeneration from certain requirements.
- Preliminary Draft Law on Energy Efficiency includes promotion measures regarding cogeneration.



LEGAL FRAMEWORK

- **By-Law on Grid**
(Official Gazette: 22 January 2003, no. 25001)
- **By-Law on Licensing**
(Official Gazette: 04 August 2002, no. 24836)
- **By-Law on Balancing and Settlement**
(Official Gazette: 21 December 2004, no. 25677)
- **Preliminary Draft Law on Energy Efficiency**



LEGAL FRAMEWORK (CONT'D)

BY-LAW ON GRID (Article 21)

Exemption from the “minimum frequency control requirement” for cogeneration facilities having a total efficiency over 70 % in terms of regional heating and commitments to supply heat and vapour to their costumers.

BY-LAW ON BALANCING AND SETTLEMENT (Article 18) AND BY-LAW ON LICENSING (Article 19)

Exemption from the requirements of participation to balancing and settlement and of acting in compliance with the orders of National Load Dispatch Center for cogeneration facilities having a total efficiency of higher than 70 % in terms of regional heating and commitments to supply heat and vapour to their costumers.



LEGAL FRAMEWORK (CONT'D)

PRELIMINARY DRAFT LAW ON ENERGY EFFICIENCY

- Financial support
- Exemptions
 - for voluntary agreements: exemption from “energy intensity calculation” based on as defined in the Draft.
 - exemption from licensing requirement (for microcogeneration)
 - exemption from the requirement to establish a company (for facilities utilizing cogeneration for their own consumption)

for eligible cogeneration plants (having efficiency values above a certain threshold to be defined)



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Thank You for Your Attention