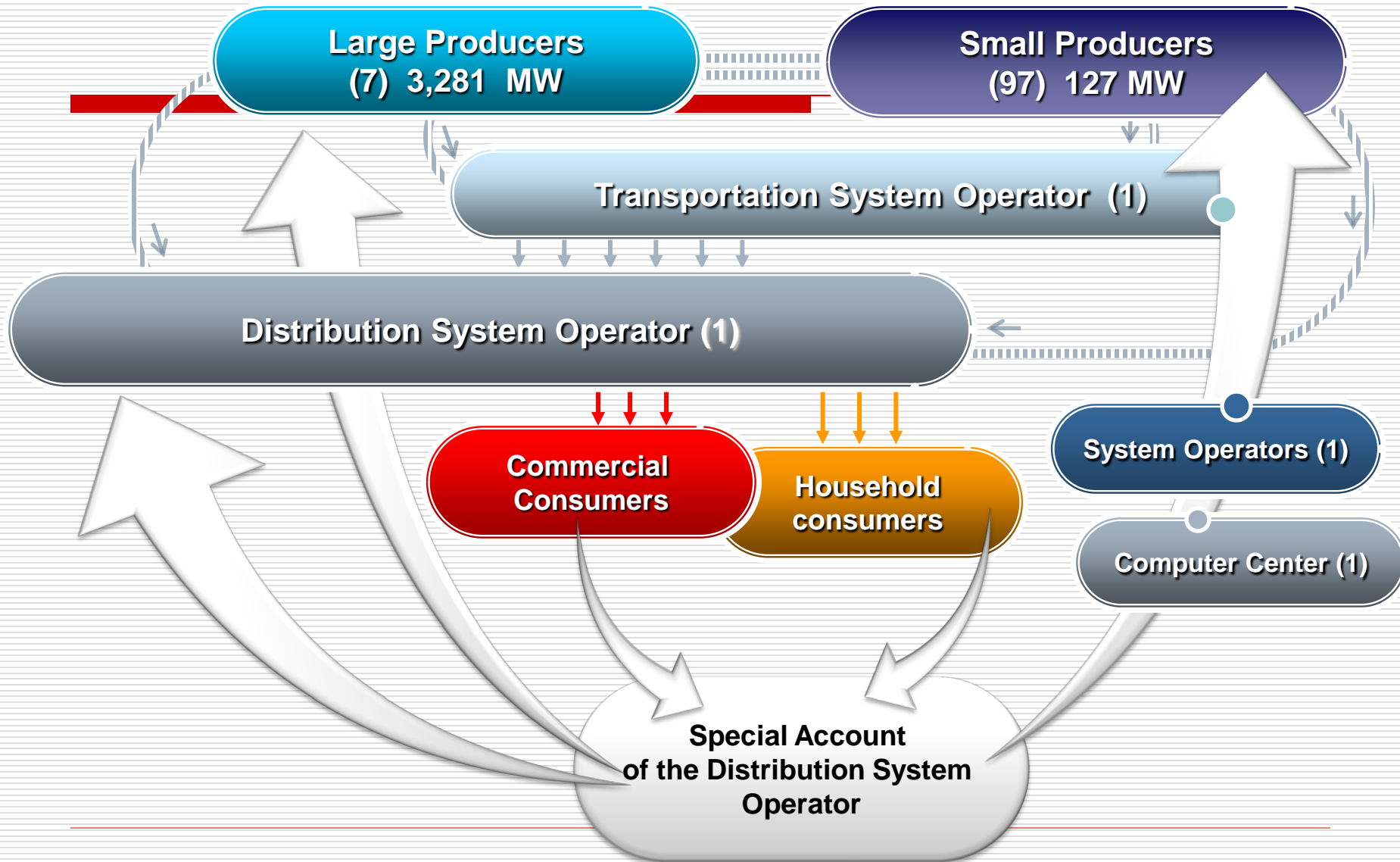




# **PUBLIC SERVICES REGULATORY COMMISSION OF ARMENIA (PSRC)**

# The Power Sector of Armenia



# ***Rights and Responsibilities of the Power System Operator (PSO)***

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*The Power System Operator (PSO) has the following rights and responsibilities:*

- Real-time technical and economic dispatch of the power system
  - System-wide planning and coordination of the power system functions (production, import, export, and transit) according to existing agreements
  - Managing the locations of controls and ensuring protection of the system, offering services to licensees, and their oversight as defined by the license terms and the market rules
  - Exclusive responsibility to coordinate the operations of the Armenian power system with the other regional power systems
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- ✓ *Based on existing technical standards and its interaction with the licensees, the Power System Operator is developing system security and reliability standards , which are then approved by the PSRC and a special body appointed by the Government of the Republic of Armenia*
  - ✓ *While performing its functions of planning, coordinating, and dispatching, the Power System Operator ensures compliance with the security and reliability standards as defined by the Power Market Rules*
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# ***Rights and Responsibilities of the Distribution System Operator***

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- ✓ *The Distribution System Operator has an exclusive right to allocate capacity and to purchase and sale power (capacity) according to the Power Market Rules and licensing terms*
  - ✓ *The relationship between the entities, which are licensed for the distribution of power (capacity), the system operator, and other market participants are governed by the Market Rules and the agreements*
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# ***Rights and Responsibilities of the Transmission System Operator***

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- ✓ *The entity licensed for the transmission of electric power has the right to offer power transmission services across the territory of Armenia and the power transit services across the country's borders. The entity licensed for the transmission of power must conduct its operations according to the Market Rules and agreements*
  - ✓ *The relationship between the entities, which are licensed for the transmission of power (capacity), the system operator, and other market participants are governed by the Market Rules and the agreements*
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# ***Rights and Responsibilities of the Computer Center***

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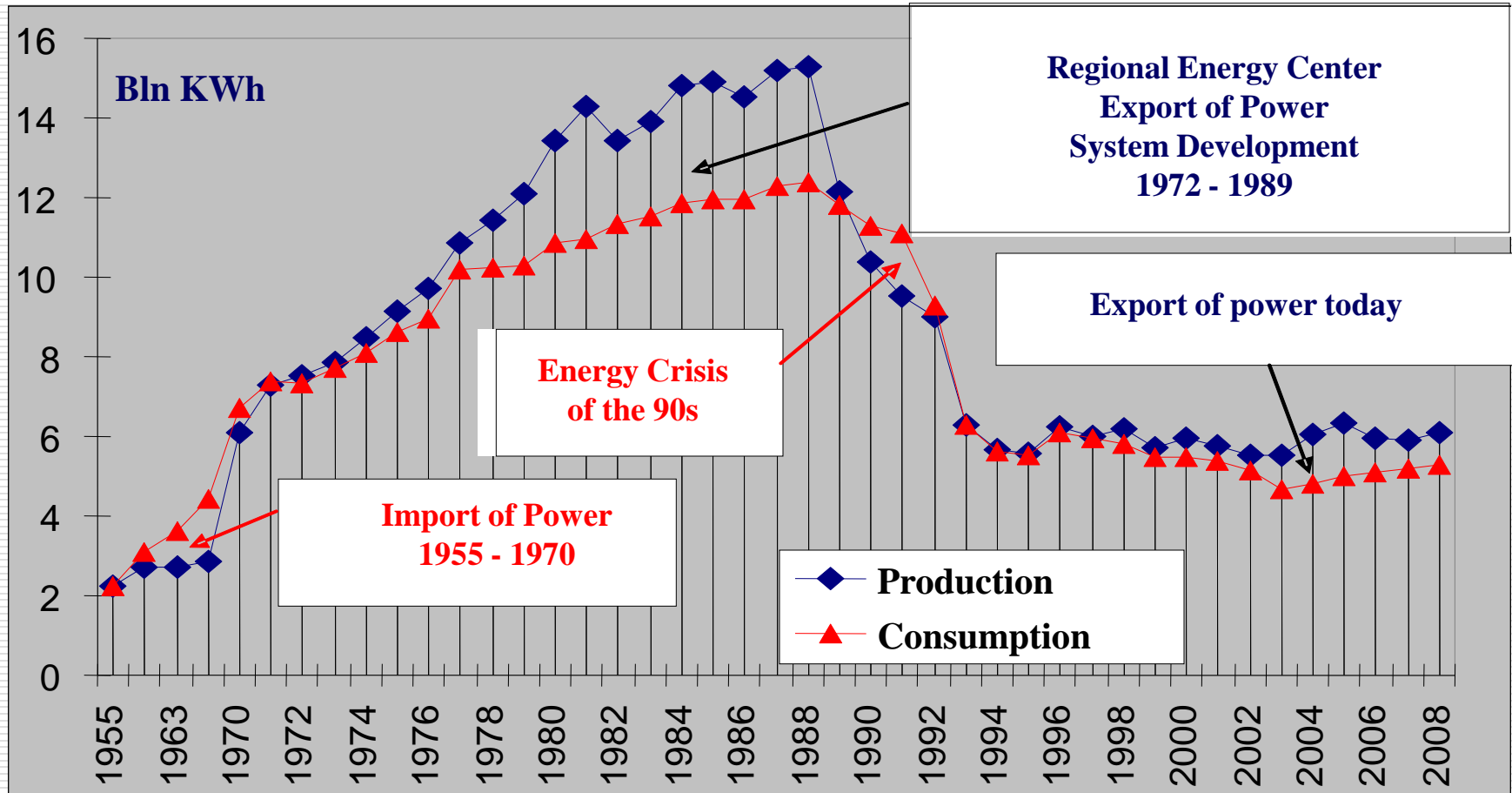
The Computer Center has an exclusive right and responsibility to account for the power produced/supplied by the producer, and transmitted, bought, imported and exported by the distributor, as well as accounting for the power transmitted in the course of simultaneous operations of different power systems and the interchange of power flows between them;

- Accounting for power supplied by the producer, transmitted by the licensed entity operating in the power market (producing, transmitting, distributing, importing and exporting, and providing other services), and purchased, imported, or exported by the distributor;
  - Preparing reports, accounting documentation, and invoices related to the managing of financial flows originating from the licensed entities, which operate in the power market (produce, transmit, distribute, import and export power, and offer other services), and submitting the reports for approval to authorities
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- Operating and protecting the automated system of commercial accounting for power (capacity) in the power system, which is owned or is under management of the Computer Center
  - Estimating and accounting for actual technological losses of power
  - Getting approval and coordinating planned and random testing of commercial and other metering systems
  - Accounting for intersystem power flows between the Armenian and other regional power systems
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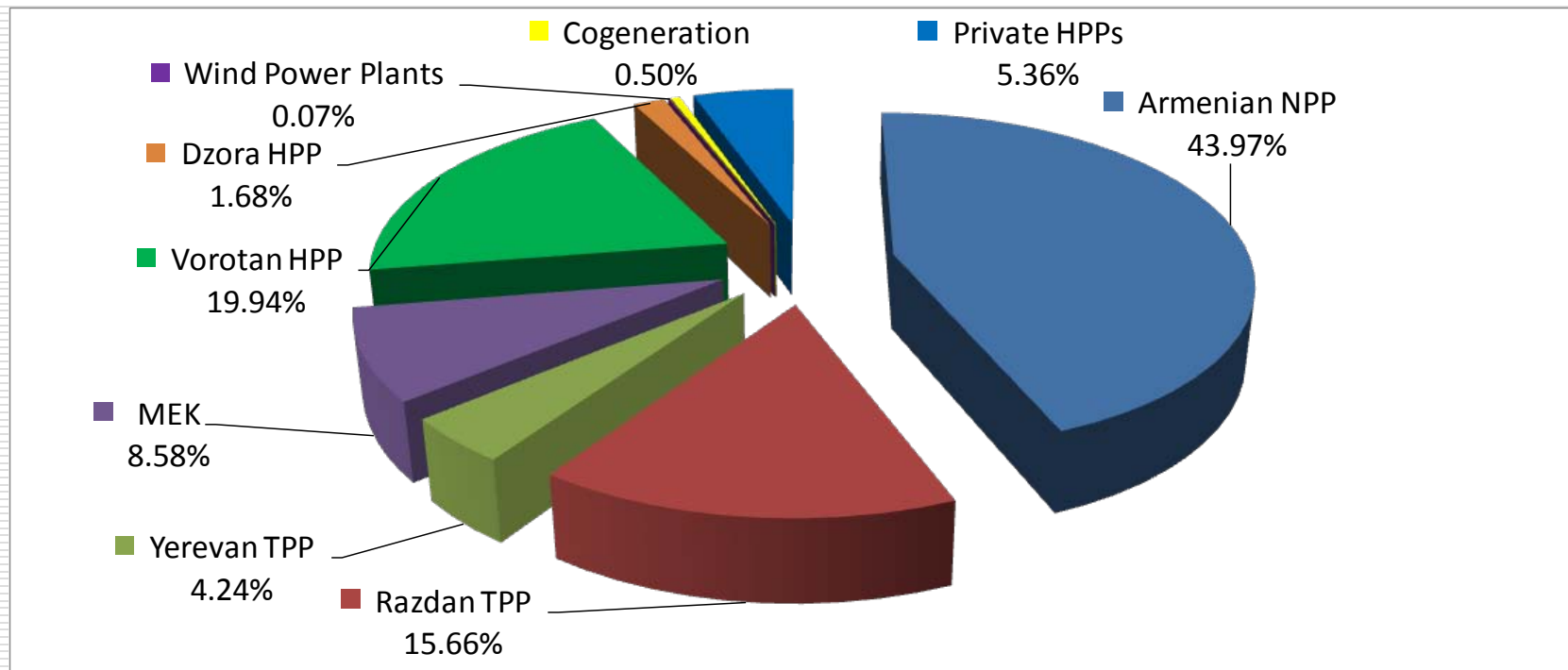


# *Trends in the Production and Consumption of Power*



# *Power Production in 2009*

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# ***Power Consumption by Consumer Categories in 2009***

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