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Preparatory Studies for Eco-design Requirements of EuP

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EuP Preparatory Studies

Lot 26: Networked Standby Losses

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Glossary of Abbreviations

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Disclaimer:

The findings presented in this document are results of the research conducted by the IZM consortium and are not to be perceived as the opinion of the European Commission.

1 Glossary of abbreviations

- **4E:** Efficient electrical end-use equipment
- **AAL:** Ambient Assisted Living
- **ADSL:** Asymmetric Digital Subscriber Line
- **AMT:** Active Management Technology
- **ARP:** Address Resolution Protocol
- **ATA:** Analog telephone adapter
- **AV:** Audio-video
- **B2C:** Business to consumer
- **BAT:** Best available technology
- **BIOS:** Basic Input/Output System
- **BNAT:** Best not-available technology
- **BPI:** Broadband Performance Index
- **BSP:** Bonjour sleep proxy
- **C2C:** Consumer to consumer
- **CATV:** Cable TV
- **CDV:** Committee draft for voting
- **CE:** Consumer electronics
- **CECED:** *Conseil Européen de la Construction d'appareils Domestiques* (European Committee of Domestic Equipment Manufacturers)
- **CMOS:** Complementary metal–oxide–semiconductor
- **CMTS:** Cable modem termination system
- **CoC:** Code of Conduct
- **CPE:** Customer premises equipment
- **CRT:** Cathode-ray tube
- **CSTB:** Complex set-top box

- **DASH:** Desktop and mobile Architecture for System Hardware
- **DECT:** Digital Enhanced Cordless Telecommunications
- **DG ENER:** Directorate-General Energy of the European Commission
- **DHCP:** Dynamic Host Configuration Protocol
- **DLNA:** Digital Living Network Alliance
- **DMTF:** Distributed Management Task Force
- **DNS:** Domain Name System
- **DOCSIS:** Data Over Cable Service Interface Specification
- **DOE:** Department of Energy (United States)
- **DSL:** Digital subscriber line
- **DSLAM:** DSL access multiplexer
- **DVI:** Digital visual interface
- **ECD:** Environmentally conscious design
- **ECMA:** European Computer Manufacturers Association (now simply known as Ecma International)
- **EMC:** Electromagnetic Compatibility Directive
- **ENER:** See “*DG ENER*”
- **EP:** Electro-photography
- **EPA:** Environment Protection Agency (United States)
- **EPG:** Electronic programme guide
- **ErP:** Energy related product
- **ETSI EE EEPS:** European Telecommunications Standards Institute Environmental Engineering Eco Environmental Product Standard Group
- **EuP:** Energy using product
- **FTTH:** Fiber-to-the-Home
- **FTTHCE:** Fiber-to-the-Home Council Europe

- **Gbps**: Gigabits per second
- **GEPON**: Gbit/s Ethernet Passive Optical Network
- **GPSD**: General Product Safety Directive
- **GSM**: Global System for Mobile Communications
- **HD**: High definition
- **HDD**: Hard disk drive
- **HDMI**: High-Definition Multimedia Interface
- **HG**: Home gateway
- **HICP**: Harmonised index of consumer prices
- **HiNA**: High network availability
- **HPNA**: Home Phonenumber Networking Alliance
- **HVAC**: Heating ventilation and air conditioning
- **IEA**: International Energy Agency
- **IEC**: International Electrotechnical Commission
- **IEEE 1394**: Institute of Electrical and Electronics Engineers standard 1394 (commonly known by the brand names of FireWire (Apple), i.LINK (Sony), and Lynx (Texas Instruments))
- **IGMP**: Internet Group Management Protocol
- **IP**: Internet protocol
- **IPsec**: Internet Protocol Security
- **IPTV**: Internet Protocol television
- **ISO**: International Organization for Standardization
- **LAN**: Local area network
- **LBNL**: Lawrence Berkeley National Laboratory
- **LCD**: Liquid crystal display
- **LED**: Light emitting diode

- **LOM:** Lights Out Management
- **LoNA:** Low network availability
- **LowP1:** Low power mode 1
- **LowP2:** Low power mode 2
- **LowP3:** Low power mode 3
- **LowP4:** Low power mode 4
- **LowP5:** Low power mode 5
- **LPI:** Low Power Idle
- **LSI:** Large-scale integration
- **LVD:** Low Voltage Directive
- **MAC:** Media Access Control
- **MACSec:** Media Access Control Security
- **Mbps:** Megabits per second
- **MeNA:** Medium network availability
- **MFD:** Multifunction devices
- **MIMO:** Multiple-input and multiple-output
- **MLD:** Multicast Listener Discovery
- **MoCA:** Multimedia over Coax Alliance
- **NAS:** Network-attached storage
- **NIC:** Network interface controller
- **NLOS:** Non-line of sight
- **NoNA:** No network availability
- **NS:** Neighbour Solicitation
- **NW:** Network, networked, networking
- **OEM:** Original equipment manufacture
- **OM:** Operational mode

- **ONT:** Optical network termination
- **OS:** Operating system
- **PC:** Personal computer
- **PDP:** Plasma display panel
- **PLC:** Power line communication
- **PoE:** Power over Ethernet
- **PON:** Passive optical network
- **PPV:** Pay-per-view
- **PSM:** Power save mode
- **PSP:** Power save poll
- **PSU:** Power supply unit
- **PtP:** Peer-to-peer
- **RAID:** Redundant Array of Independent Disks
- **RAM:** Random access memory
- **SCART:** *Syndicat des Constructeurs d'Appareils Radiorécepteurs et Téléviseurs* (Radio and Television Receiver Manufacturers' Association)
- **SIP:** Session initiation protocol
- **SiP:** System in package
- **SoC:** System on a chip
- **SSD:** Solid state drive
- **SSID:** Service Set identifier
- **SSL:** Secure socket layer
- **STB:** Set-top box
- **TEC:** Total energy consumption
- **TEC:** Typical energy consumption
- **TLS:** Transport layer security

- **UMTS:** Universal Mobile Telecommunications System
- **UPnP:** Universal Plug and Play
- **USB:** Universal serial bus
- **UUT:** Unit under test
- **VDSL:** Very-high-bitrate digital subscriber line
- **VGA:** Video graphics array
- **VOD:** Video on demand
- **VOIP:** Voice over IP
- **VPN:** Virtual private network
- **W:** Watt
- **WAN:** Wide area network
- **WiMAX:** Worldwide Interoperability for Microwave Access
- **WLAN:** Wireless local area network
- **WMM:** Wireless Multimedia
- **WOD:** Wake on demand
- **WOL:** Wake on LAN
- **WOW:** Wake on wireless
- **xDSL:** Digital subscriber line (all variants)