**Fundamental standards**

|  |  |  |
| --- | --- | --- |
| SN | Standard No. | Standard Title |
| 1 | DL/T 503—2009 | Classification and Coding Regulation for Electric Power Engineering Projects |

**Survey & Design**

|  |  |  |
| --- | --- | --- |
| SN | Standard No. | Standard Title |
|  | DL/T 5041-1995 | The Inner Communication Design Technical Code of Thermal Power Plants |
|  | DL/T 5054-1996 | Code for Design of Thermal Power Plant Steam/Water Piping |
|  | DL/T 5092-1999 | Technical Code for Designing 110-500 kV Overhead Transmission Line |
|  | DL/T 5094-1999 | Code for Designing Building of Fossil Fuel Power Plant |
|  | DL/T 5097-1999 | Technical Code for Geotechnical Investigation of Ash Yard of Fossil Fuel Power Plant |
|  | DL/T 5104-1999 | Technical Rule for Engineering Geological Mapping of Fossil-fueled Power Plant |
|  | DL/T 5121-2000 | Technical Code for Design of Air & Flue Gas Ducts/Pulverized Coal Piping in Thermal Power Plant |
|  | DL/T 5130-2000 | Technical Regulation for Design of Steel Transmission Pole |
|  | DL/T 5136--2001 | Technical Code for Designing of Electrical Secondary Wiring in Fossil Power Plants and Substations |
|  | DL/T 5138-2001 | Technical specifications for aerial photographing and surveying of overhead transmission line |
|  | DL/T 5147--2001 | Designing Technical Rules for Security and Automaticity Equipment of Power System |
|  | DL/T 5142-2002 | Code for Designing Ash Handling System of Fossil Fuel Power Plant |
|  | DL/T 5143-2002 | Design code of water supply and drainage for substation |
|  | DL/T 5153-2002 | Technical Rule for Designing Auxiliary Power System of Fossil Fuel Power Plants |
|  | DL/T 5154-2002 | Technical Regulation of Design for Tower and Pole Structures of Overhead Transmission Line |
|  | DL/T 5155-2002 | Technical Code for Designing Auxiliary Power System of 220 kV-500 kV Substation |
|  | DL/T 5158-2002 | Technical Code of Meteorological Surveying for Electrical Power Projects |
|  | DL/T 5159-2002 | Technical Code for Geophysical Exploration Electric Power Engineering |
|  | DL/T 5174-2003 | Design Rule for Combined-Cycle Power Plants |
|  | DL/T 866-2004 | The Guide for Selection and Calculation of Current Transformers and Voltage Transformers |
|  | DL/T 5175-2003 | Technical Rule of Instrumentation and Control Design of Fossil-fueled Power Plant (Control System Part) |
|  | DL/T 5001-2004 | Technical Code for Engineering Survey of Fossil fuel Power Plant |
|  | DL/T 5035-2004 | Technical Code for Heating, Ventilation and Air Conditioning Design of Fossil-fueled Power Plant |
|  | DL/T 5044-2004 | Technical code for designing DC system of power projects |
|  | DL/T 5187.1-2004 | Technical Code for Designing Coal Handling of Fossil Fuel Power Plant Part 1: Coal Handling System |
|  | DL/T 5187.2-2004 | Technical Code for Designing Coal Handling of Fossil Fuel Power Plant Part 2: Dust Prevention and Control |
|  | DL/T 5003—2005 | Specifications for the Design of Dispatch Automation in Electric Power Systems |
|  | DL/T 5032-2005 | Technical Code of General Layout Transportation and Design for Fossil Fuel Power Plant |
|  | DL/T 5203-2005 | Technical Code for Explosion Prevention Design of Coal and Pulverized Coal Preparation System of Fossil Fuel Power Plant |
|  | DL/T 5204-2005 | Code for Oil/Gas Piping Design of Fossil Fuel Power Plant |
|  | DL/T 5216--2005 | Design Rules of 35–220kV Urban under ground substation |
|  | DL/T 5217-2005 | Technical Code for Design of 220-500 kV Compact Overhead Transmission Line |
|  | DL/T 5218-2005 | Technical Code for Designing 220 kV-500 kV Substation |
|  | DL/T 5219-2005 | Technical Regulation for Designing Foundation of Overhead Transmission Line |
|  | DL/T 5220-2005 | Code for Designing Over-head Distribution Transmission Line up to 10 kV |
|  | DL/T 5221--2005 | Technical Rule for Design of Urban Power Cables |
|  | DL/T 5222-2005 | Design Technical Rule for Selecting Conductor and Electrical Equipment |
|  | DL/T 5223-2005 | Technical Rule for Designing HVDC Converter Station |
|  | DL/T 5224-2005 | Technical Rule for the Design of HVDC Earth Return Operation System |
|  | DL/T 5225-2005 | Technical Rule of Communication Design for 220kV ~ 500kV Substation |
|  | DL/T 5227-2005 | Technical Rule of Instrumentation and Control Design for Auxiliary System (Shop) of Fossil-fueled Power Plant |
|  | DL/5002-- 2006 | Specifications for the Design of Dispatch Automation in District Power Networks |
|  | DL/T 5033—2006 | The Design Rules of Telecommunication Lines against Danger and Interference Effects from Power Transmission Lines |
|  | DL/T 5034-2006 | Technical Code for the Hydrogeological Investigation of Electric Power Engineering |
|  | DL/T 5040--2006 | Code for Designing of Radio Stations against Effects from Power Transmission Lines |
|  | DL/T 5045—2006 | Code for Design of Ash Slag Damming of Fossil fuel Power Plants. |
|  | DL/T 5049-2006 | Technical Code for Exploration and Surveying of Large Crossing Overhead Transmission Line |
|  | DL/T 5068-2006 | Technical Code for Designing Chemistry of Fossil-Fired Power Plants |
|  | DL/T 5074-2006 | Technical Code for Investigation of Geotechnical Engineering of Fossil-fueled Power Plant |
|  | DL/T 5339-2006 | Code for Hydraulic Design of Fossil Fuel Power Plants |
|  | DL/T 5340—2006 | Technical Code for Designing of Telecommunication Lines Against Danger Effects from DC Power Transmission Lines |
|  | DL/T 5366-2006 | Technical Code for Stress Calculation of Steam/Water Piping in Fossil Fuel Power Plant |
|  | DL/T 5352-2006 | Technical Code for Designing High Voltage Electrical Switchgear |
|  | DL/T 5056-2007 | Technical Code of General Plan Design for Substation |
|  | DL/T 5072-2007 | Code for Design of Thermal insulation and Painting of Fossil-Fueled Power Plants |
|  | DL/T5095-2007 | Technical Code for Designing Load of Main Building in Fossil Fuel Power Plant |
|  | DL/T 5390-2007 | Lighting Technical Code for Designing Fossil Fuel Power Plants and Substations |
|  | DL/T 5391-2007 | Design Technical Code of Dispatching Communication of Electric Power System |
|  | DL/T 5392-2007 | Specifications of Engineering Design for Digital Synchronization Network of Electric Power System |
|  | DL/T 5394-2007 | Guidelines for Anticorrosion of Underground Steel Structure in Power Project |
|  | DL/T 5404-2007 | Technical Rule of Electric Power System Engineering Design for SDH Optical Fiber Cable Communication Project |
|  | DL/T 5076-2008 | Technical Code of Exploration and Surveying for 220kV and Lower Level Overhead Transmission Line |
|  | DL/T 5096-2008 | Drilling Technical Regulations of Electrical Power Engineering |
|  | DL/T 5405—2008 | Code for Content Depth on Preliminary Design of Urban Power Cables |
|  | DL/T 5409.1—2009 | Technical Code for Engineering Investigation of Nuclear Power Plants Part 1: Seismic Hazard |
|  | DL/T 5428-2009 | Technical Code for Design of I & C Protection System in Fossil Fuel Power Plant |
|  | DL/T 5429--2009 | Technical Code of Design for the Electric Power System |
|  | DL/T 5430—2009 | Technical Code for Designing of Remote Monitoring and Control Center about Unattended Substation |
|  | DL/T 5439-2009 | Design Regulation of Content and Profundity for Hydro and Fossil Fuel Plant Connecting to the System |
|  | DL/T 5440-2009 | Technical Code for Designing of Overhead Transmission Line in Medium & Heavy Icing Area |
|  | DL/T 5240-2010 | Technical Code for Design and Calculation of Combustion System of Fossil-fired Power Plan |
|  | DL/T 5242-2010 | Technical Rules for Designing of Reactive Power Compensation Equipment in 35–220 kV Substations |
|  | DL/T5254—2010 | Technical Regulation of Design for Steel Tubular Tower Structures of Overhead Transmission Line |
|  | DL/T 5409.2—2010 | Technical Code for Engineering Investigation of Nuclear Power Plants Part 2: Geotechnical Engineering |
|  | DL/T 5409.3—2010 | Technical Code for Engineering Investigation of Nuclear Power Plants Part 3 Hydrological and Meteorological Surve |
|  | DL/T 5409.4—2010 | Technical Code for Engineering Investigation of Nuclear Power Plants Part 4： Surveying |
|  | DL/T 5013-2012 | Technical\_Code\_for\_the\_Design\_of\_35220\_kV\_Unattended  Substation |
|  | DL 5022-2012 | Technical Code for the Design of Civil Structure of Fossil-fired Power Plant |
|  | DL/T 5041-2012 | Technical Code for the Design of Fossil-fired Power Plant Inner Communication |
|  | DL/T5084-2012 | Technical Code of Hydrology for Electrical Power Engineering |
|  | DL/T5142-2012 | Technical Code for the Design of Ash Handling System of Fossil-fired Power Plant |
|  | DL/T 5154-2012 | Technical Regulation of Design for Tower |
|  | DL/T 5158-2012 | Technical Code for Meteorological Survey in Electric Power Engineering |
|  | DL/T5159-2012 | Technical Code for Geophysical Exploration of Electric Power Engineering |
|  | DL/T 5187.3-2012 | Technical Code for the Design of Coal Handling Fossil-Fired Power Plant-Part 3 |
|  | DL/T5218-2012 | Technical Code for the Design of 220kV-750kV Substation |
|  | DL/T5453-2012 | Technical Code for the Design of Series Compensator Station |
|  | DL/T 5455-2012 | Technical code for the design of power supply and air supply system of instrumentation & control in fossil-fired power plant |
|  | DL/T 5457-2012 | Technical\_Code\_for\_the\_Design\_of\_Substation\_Buildings and\_Structures |
|  | DL/5459-2012 | Technical Code of Architectural & Structural Design for Converter Station |
|  | DL/T5460-2012 | Technical Code for the Design of Auxiliary Power System of Converter Station |
|  | DL/T 5217-2013 | Technical Code for Design of 220 kV–500 kV Compact Overhead Transmission Line |
|  | DL/T 5226-2013 | Technical Code for the Design of Network Computerized Monitoring and Control System in Power Plant |
|  | DL/T 5480-2013 | Technical Code for the Design of Flue Gas Denitration of Fossil Fired Power Plant |
|  | DL/T 5481-2013 | Code for Project Management of Electrical Power Geotechnical Engineering |
|  | DL/T 5483-2013 | Code for Design of Advanced Treatment for Reclaimed Water of Fossil-fired Power Plants |
|  | DL/T 5484-2013 | Code for Design of Power Cables Tunnel |
|  | DL/T 5485-2013 | Technical Code for Design of Long Span Crossing of 110 kV–750 kV Overhead Transmission Line |
|  | DL/T 5486-2013 | Technical Code for Design of Tower Structures of UHV Overhead Transmission Line |

**Construction 、Commissioning & installation**

|  |  |  |
| --- | --- | --- |
| SN | Standard No. | Standard Title |
| 1 | DL/T 5024-2005 | Ground Treatment Technical Code of Electric Power Engineering |
| 2 | DL T 5334-2006 | Acceptance Specification for Optical Fiber Telecommunication Engineering of Electric Power |

**Environment、Health & Safety**

|  |  |  |
| --- | --- | --- |
| SN | Standard No. | Standard Title |
| 1 | DL/T 5196-2004 | Technical Code for Designing Flue Gas Desulfurization Plants of Fossil Fuel Power Plants |
| 2 | DL/T 5046--2006 | Technical Code for the Design of Waste Water Treatment of Fossil Fired Power Plants |
| 3 | DL/T 5252—2010 | Meteorological Testing Specification for Environment Impact Assessment of Thermal Power Plant |
| 4 | DL 5053-2012 | Code for the Design of Occupational Safety in Fossil-Fired Power Plant |
| 5 | DL 5454-2012 | Code for the Design of Occupational Health in Fossil-Fired Power Plant |

**Information**

|  |  |  |
| --- | --- | --- |
| SN | Standard No. | Standard Title |
| 1 | DL/T 5456-2012 | Technical Code for the Design of Information System of Fossil-Fired Power Plant |