

IAEE ENERGY SPECIALIZATION CODES

- 1. Petroleum**
 - 1.1. Petroleum – Exploration and Production
 - 1.2. Petroleum – Refining and Products
 - 1.3. Petroleum – Pipelines
 - 1.4. Petroleum – Land and Water Transport
 - 1.5. Petroleum – Markets and Prices for Crude Oil and Products
 - 1.6. Petroleum – Imports and Exports
 - 1.7. Petroleum – Policy and Regulation
 - 1.8. Petroleum – Other
- 2. Natural Gas**
 - 2.1. Natural Gas – Exploration and Production
 - 2.2. Natural Gas – Pipelines
 - 2.3. Natural Gas – LNG Infrastructure
 - 2.4. Natural Gas – Local Distribution
 - 2.5. Natural Gas – Markets and Prices
 - 2.6. Natural Gas – Imports and Exports
 - 2.7. Natural Gas – Policy and Regulation
 - 2.8. Natural Gas – Other
- 3. Coal**
 - 3.1. Coal – Mining Techniques and Production
 - 3.2. Coal – Transportation
 - 3.3. Coal – Imports and Exports
 - 3.4. Coal – Markets and Prices
 - 3.5. Coal – Policy and Regulation
 - 3.6. Coal – Other
- 4. Unconventional Fossil Resources**
 - 4.1. Unconventional Fossil Resources – Oil and Liquids
 - 4.2. Unconventional Fossil Resources – Natural Gas
 - 4.3. Unconventional Fossil Resources – Synfuels
 - 4.4. Unconventional Fossil Resources – Coal gasification
 - 4.5. Unconventional Fossil Resources – R&D and New Technologies
 - 4.6. Unconventional Fossil Resources – Policy and Regulation
 - 4.7. Unconventional Fossil Resources – Other
- 5. Nuclear Power**
 - 5.1. Nuclear Power – Exploration and Production of Fuels
 - 5.2. Nuclear Power – Markets and Prices
 - 5.3. Nuclear Power – Policy and Regulation
 - 5.4. Nuclear Power – New Technologies
 - 5.5. Nuclear Power – Spent Fuel Management
 - 5.6. Nuclear Power – Other
- 6. Electricity**
 - 6.1. Electricity – Generation Technologies
 - 6.2. Electricity – Transmission and Network Management
 - 6.3. Electricity – Local Distribution
 - 6.4. Electricity – Distributed Generation
 - 6.5. Electricity – Storage
 - 6.6. Electricity – Vehicle Grid Interactions
 - 6.7. Electricity – Markets and Prices
 - 6.8. Electricity – Generation Fuel Planning & Management
 - 6.9. Electricity – R&D and Emerging Technologies
 - 6.10. Electricity – Policy and Regulation
 - 6.11. Electricity – Other
- 7. Renewables**
 - 7.1. Renewables – Hydroelectricity
 - 7.2. Renewables – Wind
 - 7.3. Renewables – Geothermal
 - 7.4. Renewables – Solar
 - 7.5. Renewables – Biofuels
 - 7.6. Renewables – R&D and Emerging Technologies
 - 7.7. Renewables – Policy and Regulation
 - 7.8. Renewables – Other
- 8. Energy and the Environment**
 - 8.1. Energy and the Environment – Climate Change and Greenhouse Gases
 - 8.2. Energy and the Environment – Carbon Capture and Sequestration
 - 8.3. Energy and the Environment – Air Emissions (other than greenhouse gases)
 - 8.4. Energy and the Environment – Other Pollution
 - 8.5. Energy and the Environment – Energy-Water Nexus
 - 8.6. Energy and the Environment – Environmental Market Design
 - 8.7. Energy and the Environment – R&D and Emerging Technologies
 - 8.8. Energy and the Environment – Policy and Regulation
 - 8.9. Energy and the Environment – Other
- 9. Energy Efficiency**
 - 9.1. Energy Efficiency – Energy Production and Transformation
 - 9.2. Energy Efficiency – Transportation End-use
 - 9.3. Energy Efficiency – Residential and Commercial Buildings
 - 9.4. Energy Efficiency – Industrial Processes
 - 9.5. Energy Efficiency – Barriers to Adoption
 - 9.6. Energy Efficiency – Policy Issues
 - 9.7. Energy Efficiency – Other
- 10. Transportation**
 - 10.1. Transportation – Internal combustion engines and diesel engines
 - 10.2. Transportation – Natural gas vehicles (NGV) and systems
 - 10.3. Transportation – Electric vehicles & systems
 - 10.4. Transportation – shipping, rail, aircraft
 - 10.5. Transportation – Hybrid technologies
 - 10.6. Transportation – Policy Issues
 - 10.7. Transportation – Other
- 11. Energy and the Economy**
 - 11.1. Energy and the Economy – Energy as a Productive Input
 - 11.2. Energy and the Economy – Economic Growth and Energy Demand
 - 11.3. Energy and the Economy – Resource Endowments and Economic Performance
 - 11.4. Energy and the Economy – Energy Shocks and Business Cycles
 - 11.5. Energy and the Economy – Other
- 12. Energy Access**
 - 12.1. Energy Access – Energy Poverty and Equity
 - 12.2. Energy Access – Sustainable Development and Distributed Energy
 - 12.3. Energy Access – Energy Subsidies
 - 12.4. Energy Access – Other
- 13. Energy Security and Geopolitics**
 - 13.1. Energy Security and Geopolitics – Geopolitics of Energy
 - 13.2. Energy Security and Geopolitics – Energy Security
 - 13.3. Energy Security and Geopolitics – Regional Analysis (Asia)
 - 13.4. Energy Security and Geopolitics – Regional Analysis (Europe)
 - 13.5. Energy Security and Geopolitics – Regional Analysis (Africa)
 - 13.6. Energy Security and Geopolitics – Regional Analysis (South America)
 - 13.7. Energy Security and Geopolitics – Regional Analysis (North America)
 - 13.8. Energy Security and Geopolitics – Regional Analysis (Australia/Pacific)
 - 13.9. Energy Security and Geopolitics – International Energy Organizations
 - 13.10. Energy Security and Geopolitics – Other
- 14. Energy Investment and Finance**
 - 14.1. Energy Investment and Finance – Public and Private Risks, Risk Management
 - 14.2. Energy Investment and Finance – Trading Strategies and Financial Instruments
 - 14.3. Energy Investment and Finance – Project Finance
 - 14.4. Energy Investment and Finance – Corporate Strategy
 - 14.5. Energy Investment and Finance – Other
- 15. Energy Modeling**
 - 15.1. Energy Modeling – Energy Data, Modeling, and Policy Analysis
 - 15.2. Energy Modeling – Sectoral Energy Demand & Technology
 - 15.3. Energy Modeling – Forecasting and Market Analysis
 - 15.4. Energy Modeling – Integrated Assessment Modeling
 - 15.5. Energy Modeling – Other