



# Comprehensive Energy Sector Strategy Action Plan

2025-2035

2026 April

| Electricity Sector                                                        |                                                       |                      |                     |                                                                                                                            |                        |                                 |                                        |                     |
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| Strategic Pillar: Sustainable and Comprehensive Energy Transition         |                                                       |                      |                     |                                                                                                                            |                        |                                 |                                        |                     |
| Initiatives                                                               | Projects                                              | Project Status       | Duration            | Key Performance Indicator (KPI)                                                                                            | Primary Responsibility | Key Partners                    | Finance                                | Implementing Entity |
| Accelerating Energy Transition Towards Sustainable and -low Carbon System | 200MW PV System with 100MW * 4 Hr's Batteries Storage | New                  | 2025-2029           | Commercial Operation                                                                                                       | PPP                    | MEMR<br>NEPCO<br>Private Sector | Private Sector                         | Private Sector      |
|                                                                           | Mujib -Pumped Storage Station (PHES) 450MW 7* Hr's    | Under Implementation | 2025-2032           | Commercial Operation                                                                                                       | PPP                    | MEMR<br>NEPCO<br>MoW            | Funders<br>Donors<br>Private Sector    | Private Sector      |
|                                                                           | 100 MW Wind Project                                   | New                  | 2026-2030           | Commercial Operation                                                                                                       | PPP                    | MEMR<br>NEPCO<br>Private Sector | Private Sector                         | Private Sector      |
|                                                                           | Aassesmen of Wind Energy Potential and Feasibility    | Under Implementation | 2028-2023           | Wind Energy Potential                                                                                                      | Private Sector         | MEMR<br>NEPCO                   | Private Sector<br>Masdar )<br>(Company | Private Sector      |
|                                                                           | 700MW Combined Cycle Generation Station (CCGT) IPP7   | New                  | 2025<br>(2027-2028) | <ul style="list-style-type: none"> <li>• Commercial Operation Phase 1.</li> <li>• Commercial Operation Phase 2.</li> </ul> | MEMR<br>NEPCO          | MEMR<br>Private Sector          | Private Sector<br>(AL -Etihad Company) | Private Sector      |

|                                                                                    |                                                                                    |                                 |                             |                                                                                                                                          |                                            |                                                      |                                   |                                   |
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|                                                                                    | <b>700MW<br/>Combined<br/>Cycle<br/>Generation<br/>Station<br/>(CCGT)<br/>IPP8</b> | <b>New</b>                      | <b>2025<br/>(2029-2030)</b> | <ul style="list-style-type: none"> <li>• <b>Commercial Operation Phase 1.</b></li> <li>• <b>Commercial Operation phase 2.</b></li> </ul> | <b>MEMR<br/>NEPCO</b>                      | <b>MEMR<br/>Private Sector</b>                       | <b>Private Sector</b>             | <b>Private Sector</b>             |
| <b>Energy Costs<br/>Reduction and<br/>Financial<br/>Efficiency<br/>Enhancement</b> | <b>Time-of-<br/>Use Tariffs<br/>(TOU)<br/>Implementation to all Sectors</b>        | <b>Under<br/>Implementation</b> | <b>2025-2026</b>            | <ul style="list-style-type: none"> <li>• <b>Peak Load Reduction Value.</b></li> <li>• <b>Energy Demand Reduction Value.</b></li> </ul>   | <b>EMRC</b>                                | <b>MEMR<br/>NEPCO<br/>Distribution<br/>Companies</b> | <b>–</b>                          | <b>EMRC</b>                       |
|                                                                                    | <b>Reducing<br/>Losses in the<br/>Distribution<br/>System</b>                      | <b>New</b>                      | <b>2025-2033</b>            | <b>Distribution<br/>Network Loss<br/>Percentage</b>                                                                                      | <b>EMRC<br/>Distribution<br/>Companies</b> | <b>MEMR<br/>NEPCO</b>                                | <b>Distribution<br/>Companies</b> | <b>Distribution<br/>Companies</b> |
|                                                                                    | <b>Financial<br/>Reform Plan<br/>for the<br/>Electricity<br/>Sector</b>            | <b>Under<br/>Implementation</b> | <b>2025-2033</b>            | <b>Reducing<br/>Electricity<br/>Sector Costs</b>                                                                                         | <b>MEMR</b>                                | <b>MoF<br/>NEPCO<br/>EMRC</b>                        | <b>–</b>                          |                                   |

| Strategic Pillar: Electricity Grid Modernization and Resilience Enhancement |                                                                       |                |           |                                                                                                                                                                                                      |                        |                                                 |                                             |                              |
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| Initiative                                                                  | Projects                                                              | Project Status | Duration  | Key Performance Indicator (KPI)                                                                                                                                                                      | Key Responsibility     | Key Partners                                    | Finance                                     | Implementing Entity          |
| Energy Infrastructure Upgrading and Expanding                               | Smart Meters Installation on Distribution Networks                    | Continuous     | 2025-2026 | <ul style="list-style-type: none"> <li>• Percentage of Customers Covered by Smart Meters.</li> <li>• Reduction of Distribution Network Losses.</li> </ul>                                            | Distribution Companies | MEMR<br>EMRC                                    | Distribution Companies                      | Distribution Companies       |
|                                                                             | Electrification Project Funded by the Rural Fills for Targeted Groups | Continuous     | 2025-2035 | <ul style="list-style-type: none"> <li>• Number of Electrified Sites Funded by the Rural Fills.</li> <li>• Number of Houses Electrified Through the Rural Fills.</li> </ul>                          | MEMR                   | Distribution Companies                          | Rural Electrification Fills                 | Distribution Companies       |
|                                                                             | Renewable Energy Generation Expansion                                 | Continuous     | 2025-2035 | <ul style="list-style-type: none"> <li>• Number of Renewable Energy Projects Under Development</li> <li>• Total Added Capacity.</li> <li>• Percentage Contribution of Renewable Energy to</li> </ul> | MEMR NEPCO<br>End-User | EMRC<br>Electricity Companies<br>Private Sector | Public Budget<br>Private Sector (Consumers) | Private Sector (Contractors) |

|  |                                                                                                                                                 |                   |                    |                                                                                                                                                                   |              |                                         |                       |                       |
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|  |                                                                                                                                                 |                   |                    | <b>Electricity Generation.</b>                                                                                                                                    |              |                                         |                       |                       |
|  | <b>Gas Turbine Electricity Generation Expansion</b>                                                                                             | <b>New</b>        | <b>2025-2035</b>   | <ul style="list-style-type: none"> <li>• <b>Number of Gas Turbine Generation Projects.</b></li> <li>• <b>Total Additional Installed Capacity (MW).</b></li> </ul> | <b>NEPCO</b> | <b>MEMR Private Sector</b>              | <b>Private Sector</b> | <b>Private Sector</b> |
|  | <b>Electricity Master Plan Review 2025–2035 (Electricity Generation) (Expansion Plans and Power Grid Enhancement)</b>                           | <b>Continuous</b> | <b>2026-2035</b>   | <ul style="list-style-type: none"> <li>• <b>Approval of the Electricity.</b></li> <li>• <b>Sector Master Plans</b></li> </ul>                                     | <b>NEPCO</b> | <b>MEMR EMRC Distribution Companies</b> | <b>NEPCO</b>          | <b>NEPCO</b>          |
|  | <b>Conducting Feasibility Studies on the Use of New Technologies in Developing the National Grid (Like Used Batteries and Electric Cars....</b> | <b>Continuous</b> | <b>2025 - 2035</b> | <ul style="list-style-type: none"> <li>• <b>Completing of Studies.</b></li> <li>• <b>Adoption of New Technologies.</b></li> </ul>                                 | <b>NEPCO</b> | <b>MEMR EMRC</b>                        | <b>Donors</b>         | <b>NEPCO</b>          |

| Gas Sector                                                   |                                                                                                                                     |                |           |                                                                                                                              |                            |                                       |                                                |                                           |
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| Strategic Pillar: Energy Security and Supply Diversification |                                                                                                                                     |                |           |                                                                                                                              |                            |                                       |                                                |                                           |
| Initiative                                                   | Project                                                                                                                             | Project Status | Duration  | Key Performance Indicator (KPI)                                                                                              | Key Responsibility         | Key Partners                          | Finance                                        | Implementing Entity                       |
| Expanding Exploration for National Energy Resources          | Launching Exploration Activities, Conducting Cost-Benefit Analysis of Reserves, and Transforming Them into Investment Opportunities | Continuous     | 2025-2035 | Number of Invested Areas                                                                                                     | MEMR                       | Ministry of Investment Private Sector | Public Budget Private Sector                   | MEMR                                      |
|                                                              | Exploration and Development of Al-Risha Gas Field                                                                                   | Continuous     | 2023-2029 | •South Al-Risha Development:<br>1.Number of Drilled Wells.<br>2. Gas Production Volume.                                      | National Petroleum Company | MEMR                                  | Public Budget +Self National Petroleum Company | National Petroleum Company                |
|                                                              |                                                                                                                                     | Continuous     | 2025-2031 | • Exploration in North Al-Rish:<br>1.Seismic Survey Coverage Area.<br>2.Number of Drilled Wells.<br>3.Gas Production Volume. | National Petroleum Company | MEMR Private Sector                   | Private Sector                                 | National Petroleum Company Private Sector |

|  |                                                                                                                |                   |                  |                                                                                                                                                                                                                                                                                                                                                                                       |                                   |                            |                                     |                                   |
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|  | <b>Exploration and Development in East Al-Safawi (Production Sharing Agreement - PSA)</b>                      | <b>Continuous</b> | <b>2025-2031</b> | <ul style="list-style-type: none"> <li>•Seismic Survey Coverage Area.</li> <li>•Number of Drilled Wells.</li> <li>•Gas Production Volume.</li> </ul>                                                                                                                                                                                                                                  | <b>National Petroleum Company</b> | <b>MEMR Private Sector</b> | <b>Private Sector</b>               | <b>National Petroleum Company</b> |
|  | <b>Development of Oil and Gas Exploration Areas and Fields in Al-Sarhan, West Al-Safawi, and Al-Jafr Areas</b> | <b>Continuous</b> | <b>2025-2035</b> | <ul style="list-style-type: none"> <li>•Signing of the Memorandum of Understanding (MoU).</li> <li>•Seismic Survey Works.</li> <li>•Production Sharing Agreement (PSA).</li> <li>•Number of Drilled Wells.</li> <li>•Production Volume.</li> <li>•Al-Jafr Area.</li> <li>•Analysis of Seismic Surveys.</li> <li>•Promotion of the Area.</li> <li>•Area Evaluation Studies.</li> </ul> | <b>MEMR Private Sector</b>        |                            | <b>Private Sector</b>               | <b>MEMR Private Sector</b>        |
|  |                                                                                                                | <b>Continuous</b> | <b>2025-2035</b> |                                                                                                                                                                                                                                                                                                                                                                                       | <b>MEMR Private Sector</b>        |                            | <b>Private Sector</b>               | <b>MEMR Private Sector</b>        |
|  |                                                                                                                | <b>Continuous</b> | <b>2025-2035</b> |                                                                                                                                                                                                                                                                                                                                                                                       | <b>MEMR Private Sector</b>        |                            | <b>Public Budget Private Sector</b> | <b>MEMR Private Sector</b>        |

|                                                             |                                                                                                                                                                        |                      |             |                                                                                                                                                                                |      |                                                                                                                            |                                                           |                                                                         |
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| Energy Costs Reduction and Financial Efficiency Enhancement | N-Gas Pipeline Project Connecting the Al-Risha Gas Field with the Arab Gas Pipeline                                                                                    | New                  | 2025 - 2029 | Project Implementation Stages                                                                                                                                                  | MEMR | NPC<br>Jordan Petroleum Facilities Company (JPRC)<br>EMRC<br>Ministry of Finance<br>Ministry of Investment<br>Fajr Company | Private Sector<br>BOOT                                    | Jordanian Logistics Company for Oil Facilities Management PrivateSector |
|                                                             | N-Gas Distribution Network Development Project in Amman & Zarqa                                                                                                        | New                  | 2026-2030   | Project Implementation Stages                                                                                                                                                  | MEMR | EMRC<br>Ministry of Finance<br>Ministry of Investment<br>Ministry of Local Administration                                  | BOO<br>Private Sector                                     | Private Sector                                                          |
| Energy Costs Reduction and Financial Efficiency Enhancement | N-Gas Supply Project for Industrial Cities (Al Muwaqqar Industrial City, Al-Rawda Industrial City, King Hussein bin Talal Development Area, and Zarqa Industrial City) | Under Implementation | 2025-2028   | <ul style="list-style-type: none"> <li>• Number of Industrial Cities Supplied with Gas.</li> <li>• Number of Beneficiary Factories.</li> <li>• Consumption Volumes.</li> </ul> | MEMR | NPC<br>EMRC<br>Industries                                                                                                  | Public Budget and Donors Abu Dhabi ) (Fund Private Sector | MEMR<br>Private Sector                                                  |



|  |                                                                                                    |                      |           |                                                 |                               |                                                                                                                                     |                                                                   |                                     |
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|  | Supplying large Consumers with Compressed Natural Gas (CNG)                                        | Continuous           | 2025-2035 | Number of Liquefaction Units (CNG Supply Units) | Private Sector                | <ul style="list-style-type: none"> <li>MEMR</li> <li>Ministry of Finance.</li> <li>EMRC.</li> <li>Ministry of Transport.</li> </ul> | Private Sector                                                    | Private Sector                      |
|  | Al Sabah Port – Development N-Gas - Construction of an Onshore regasification Unit                 | Under Implementation |           | Commercial Operation                            | Aqaba Development Corporation | MEMR<br>NEPCO                                                                                                                       | Public Budget and Financiers (Kuwait Fund Loan and the Arab Fund) | Aqaba Development Corporation (EPC) |
|  | Renting a Floating Storage Unit (FSU) Instead of a Floating Storage and Regasification Unit (FSRU) | Under Implementation | 2025-2036 | Commercial Operation of the Project             | NEPCO                         | <ul style="list-style-type: none"> <li>MEMR</li> <li>Aqaba Development Corporation.</li> </ul>                                      | Public Budget                                                     | NEPCO                               |

| Efficiency Energy Sector                                                                              |                                                                                                        |                      |                                 |                                                                                                                                                                                |                    |                                                                                                                                                                                |                                 |                        |
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| Strategic Pillar: Efficiency                                                                          |                                                                                                        |                      |                                 |                                                                                                                                                                                |                    |                                                                                                                                                                                |                                 |                        |
| Initiative                                                                                            | Project                                                                                                | Project Status       | Duration                        | Key Performance Indicator (KPI)                                                                                                                                                | Key Responsibility | Key Partners                                                                                                                                                                   | Finance                         | Implementing Entity    |
| Accelerating the Development and Implementation of a Comprehensive National Energy Efficiency Program | Follow-up on the Implementation of National Energy Efficiency Plans                                    | Continuous           | 2025-2035                       | <ul style="list-style-type: none"> <li>• Number of Measures Implemented.</li> <li>• Energy Savings Achieved.</li> </ul>                                                        | MEMR               | Private Sector                                                                                                                                                                 | Public Budget<br>Private Sector | MEMR<br>Private Sector |
|                                                                                                       | Energy Conservation Awareness Campaigns                                                                | Continuous           | 2025-2035                       | Number of Activities                                                                                                                                                           | MEMR               | <ul style="list-style-type: none"> <li>• Sector Institutions.</li> <li>• Donors.</li> </ul>                                                                                    | Funders                         | MEMR                   |
|                                                                                                       | Conducting Energy Audit Studies for Key Sectors (Private Hospitals, Industrial Facilities, and Hotels) | Under implementation | Hotels and Hospitals: 2026-2029 | <ul style="list-style-type: none"> <li>• Number of Completed Energy Audits.</li> <li>• Estimated Energy Savings Identified through Energy Audits (kWh).</li> </ul>             | MEMR               | <ul style="list-style-type: none"> <li>• Jordan Chamber of Industry (JCI)</li> <li>• Private Hospitals Association (PHA)</li> <li>• Jordan Hotels Association (JHA)</li> </ul> | Funders                         | MEMR                   |
|                                                                                                       |                                                                                                        | Continuous           | Factories: 2026-2029            |                                                                                                                                                                                |                    |                                                                                                                                                                                |                                 |                        |
|                                                                                                       | Supporting the Conduct of Energy Audits for Government Buildings                                       | Continuous           | 2025-2027                       | <ul style="list-style-type: none"> <li>• Number of Completed Energy Audits.</li> <li>• Estimated Potential Energy Savings.</li> <li>• Number of Covered Facilities.</li> </ul> | MEMR               | Government Institutions                                                                                                                                                        | Public Budget                   | MEMR                   |

|                                                                                |                                                                                                                       |                      |             |                                                                                                                                                                                                |      |                                                                                                                                                                                              |                                       |                                         |
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| Reducing Energy Costs and Enhancing the Sector's Financial Efficiency          | Replacement of Conventional Street Lights with Energy-Efficient LED Lighting Systems                                  | Continuous           | 2020 - 2030 | <ul style="list-style-type: none"> <li>• Number of Energy-Efficient Lighting Units Installed.</li> <li>• Electricity Savings Achieved (kWh).</li> </ul>                                        | MEMR | <ul style="list-style-type: none"> <li>•Ministry of Local Administration (MOLA).</li> <li>•Electricity Distribution Companies.</li> <li>•Department of Palestinian Affairs (DPA).</li> </ul> | Public Budget (Municipalities - Loan) | MEMR,Electricity Distribution Companies |
|                                                                                | Installation of On-Grid and Off-Grid Solar PV Systems Financed through the Rural Electrification (Fills Al-Reef) Fund | Continuous           | 2025-2035   | <ul style="list-style-type: none"> <li>• Number of Beneficiaries Served.</li> <li>• Installed On-Grid Solar PV Capacity (kW).</li> <li>• Installed Off-Grid Solar PV Capacity (kW).</li> </ul> | MEMR | Distribution Companies                                                                                                                                                                       | Public Budget                         | Distribution Companies                  |
| Accelerating the Transition Towards a Sustainable and Low-Carbon Energy System | Installation of Solar Water Heating Systems for Public Hospitals                                                      | Under Implementation | 2025-2027   | <ul style="list-style-type: none"> <li>• Number of Government Hospitals Benefiting from the Project.</li> <li>• Installed Solar Thermal Capacity (kWh).</li> </ul>                             | MEMR | Ministry of Health                                                                                                                                                                           | Funders (Italian scholarship)         | MEMR                                    |

|  |                                                                                                                                  |            |           |                                                                                                                                                          |      |                                                                                                                                                                                                                                                                                       |                                                                                                                                                             |      |
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|  | <b>Installation of Solar Water Heating Systems for Residential Buildings through Local Banks and Civil Society Organizations</b> | Continuous | 2015-2029 | <ul style="list-style-type: none"> <li>• Number of Solar Water Heating Systems Installed.</li> <li>• Installed Solar Thermal Capacity (kWth).</li> </ul> | MEMR | <ul style="list-style-type: none"> <li>• Civil Society Organizations (CSOs).</li> <li>• Local Banks.</li> <li>• Ministry of Digital Economy and Entrepreneurship (MoDEE).</li> <li>• Ministry of Social Development (MoSD).</li> <li>• Jordan Engineers Association (JEA).</li> </ul> | <b>Public Budget Funders Italian ) (scholarship Ministry of Planning and International Cooperation International Union for Conservation of Nature USAID</b> | MEMR |
|  | <b>Installation of Solar PV Systems for Municipal Buildings</b>                                                                  | Continuous | 2025-2028 | <ul style="list-style-type: none"> <li>• Number of Beneficiary Municipalities.</li> <li>• Installed System Capacity (kW).</li> </ul>                     | MEMR | <b>Ministry of Local Administration</b>                                                                                                                                                                                                                                               | <b>Funders (Italian scholarship)</b>                                                                                                                        | MEMR |

| Hydrogen Green Sector                                                                         |                                                                                                                      |                      |           |                                                                                                                                                                                                                                |                    |                                       |                                                                         |                                    |
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| Strategic Pillar: Sustainable and Comprehensive Energy Transition                             |                                                                                                                      |                      |           |                                                                                                                                                                                                                                |                    |                                       |                                                                         |                                    |
| Initiative                                                                                    | Project                                                                                                              | Project Status       | Duration  | Key Performance Indicator (KPI)                                                                                                                                                                                                | Key Responsibility | Key Partners                          | Finance                                                                 | Implementing Entity                |
| Developing Projects for the Production, Use, and Export of Green Hydrogen and its Derivatives | Preparation of Memoranda of Understanding (MoUs) and Agreements with Companies for Green Hydrogen Production Studies | Under Implementation | 2025-2035 | Number of Signed MoUs                                                                                                                                                                                                          | MEMR               | Aqaba Authority Private Sector        | Private Sector                                                          | MEMR with the Developing Companies |
|                                                                                               | Development of Green Hydrogen Projects                                                                               | New                  | 2025-2035 | <ul style="list-style-type: none"> <li>•Number of Green Hydrogen Investment Agreements (Projects).</li> <li>•Green Hydrogen and Derivatives Production Volume.</li> </ul>                                                      | MEMR               | Aqaba Special Economic Zone Authority | PrivateSector Financiers (Investment Funds)                             | Private Sector                     |
|                                                                                               | Assessment of Common Infrastructure Requirements for Green Hydrogen Projects                                         | Under Implementation | 2025-2026 | <ul style="list-style-type: none"> <li>•Green Hydrogen and Derivatives Manufacturing Hub Planning Study.</li> <li>•Green Hydrogen Connectivity Corridors. Planning Study.</li> <li>•Commercial and Legal Governance</li> </ul> | MEMR               |                                       | Funders (European Bank for Development and Reconstruction (EBRD) Grant) | MEMR with the Advisor              |

|  |                                                                         |                             |                  |                                                                                                                                                                                    |                                                                                 |                           |                                                 |                       |
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|  |                                                                         |                             |                  | <b>Framework Assessment.</b>                                                                                                                                                       |                                                                                 |                           |                                                 |                       |
|  | <b>Development of Infrastructure to Support Green Hydrogen Projects</b> | <b>Under Implementation</b> | <b>2026-2030</b> | <ul style="list-style-type: none"> <li>• Study Outputs Approved.</li> <li>• Implementation Rate of Study Recommendations /Outputs.</li> <li>• Project Phases Completed.</li> </ul> | <b>Aqaba Special Economic Zone Authority Ministry Energy and Wealth Mineral</b> | <b>MEMR PrivateSector</b> | <b>Funders Investment+ Funds Private Sector</b> | <b>Private Sector</b> |

| <b>Energy - Water Nexus Sector</b>                                                |                                                                                                                                   |                             |                  |                                                                                                                                                                                                                  |                           |                                                                                                                                                             |                                                                        |                            |
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| <b>Strategic Pillar: Sustainable and Comprehensive Energy Transition</b>          |                                                                                                                                   |                             |                  |                                                                                                                                                                                                                  |                           |                                                                                                                                                             |                                                                        |                            |
| <b>Initiative</b>                                                                 | <b>Project</b>                                                                                                                    | <b>Project Status</b>       | <b>Duration</b>  | <b>Key Performance Indicator (KPI)</b>                                                                                                                                                                           | <b>Key Responsibility</b> | <b>Key Partners</b>                                                                                                                                         | <b>Finance</b>                                                         | <b>Implementing Entity</b> |
| <b>Accelerating Energy Transition Towards a Sustainable and Low-Carbon System</b> | <b>Providing Electricity Supply to the National Water Carrier Project (AAWDGP) and Connecting the Project's Solar Power Plant</b> | <b>Under Implementation</b> | <b>2025-2030</b> | <ul style="list-style-type: none"> <li>• Completion of the Electrical Work Necessary to Supply the Project with Electricity.</li> <li>• Connection of the Project's Dedicated Renewable Energy Plant.</li> </ul> | <b>NEPCO</b>              | <ul style="list-style-type: none"> <li>• MEMR</li> <li>• Ministry of Water and Irrigation.</li> <li>• Developer of the National Carrier Project.</li> </ul> | <b>Financiers (Arab Fund for Economic and Social Development Loan)</b> | <b>NEPCO</b>               |

| Energy Nuclear Sector                                                       |                                                                                                                                    |                |           |                                    |                                        |                       |                                         |                                        |
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| Strategic Pillar: Energy Security, Supplies Diversification, and Efficiency |                                                                                                                                    |                |           |                                    |                                        |                       |                                         |                                        |
| Initiative                                                                  | Project                                                                                                                            | Project Status | Duration  | Key Performance Indicator (KPI)    | Key Responsibility                     | Key Partners          | Finance                                 | Implementing Entity                    |
| Modernization and Expansion of Energy Sector Infrastructure                 | Study on the Integration of Small Modular Reactor (SMR) Technology after 2035 for Electricity Generation and Seawater Desalination | New            | 2025-2035 | SMR Technology Feasibility Studies | Jordan Atomic Energy Commission (JAEC) | MEMR<br>EMRC<br>NEPCO | Funders<br>Donors<br>(Investment Funds) | Jordan Atomic Energy Commission (JAEC) |

| Transportation Sector                                                 |                                                                                          |                |           |                                                                                                                                                                 |                        |                                                                                                                                              |                                   |                     |
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| Strategic Pillar: Sustainable and Comprehensive Energy Transition     |                                                                                          |                |           |                                                                                                                                                                 |                        |                                                                                                                                              |                                   |                     |
| Initiative                                                            | Project                                                                                  | Project Status | Duration  | Key Performance Indicator (KPI)                                                                                                                                 | Key Responsibility     | Key Partners                                                                                                                                 | Finance                           | Implementing Entity |
| Reducing Energy Costs and Enhancing the Sector's Financial Efficiency | Expanding the Use of Electric Vehicles                                                   | Continuous     | 2025-2035 | <ul style="list-style-type: none"> <li>• Number and Coverage of Charging Stations.</li> <li>• Percentage of Electric Vehicles out of Total Vehicles.</li> </ul> | EMRC<br>Private Sector | <ul style="list-style-type: none"> <li>• MEMR.</li> <li>• EMRC.</li> <li>• Ministry of Transport.</li> <li>• Private Sector.</li> </ul>      | Private Sector                    | Private Sector      |
|                                                                       | Implementation of Compressed Natural Gas (CNG) Solutions in the Heavy-Duty Vehicle Fleet | Continuous     | 2025-2035 | Number of CNG Vehicle Refueling Units                                                                                                                           | PrivateSector<br>EMRC  | <ul style="list-style-type: none"> <li>• MEMR.</li> <li>• Ministry of Finance.</li> <li>• EMRC.</li> <li>• Ministry of Transport.</li> </ul> | Private Sector                    | Private Sector      |
|                                                                       | Study of the EV-to-Grid (V2G) Option as an Energy Storage Technology                     | New            | 2025-2035 | <ul style="list-style-type: none"> <li>• Completion of the Study.</li> <li>• Development of an Action Plan Based on the Study Findings.</li> </ul>              | MEMR                   | <ul style="list-style-type: none"> <li>• EMRC.</li> <li>• NEPCO.</li> <li>• Electricity Distribution Companies.</li> </ul>                   | Funders<br>(European Union Grant) | MEMR<br>Consultant  |



| Exchange Energy Sector                                                |                                                                                                                                                                            |                |           |                                                           |                            |                       |                  |                     |
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| Strategic Pillar: Make Jordan a Regional Hub for Energy Exchange      |                                                                                                                                                                            |                |           |                                                           |                            |                       |                  |                     |
| Initiative                                                            | Project                                                                                                                                                                    | Project Status | Duration  | Key Performance Indicator (KPI)                           | Key Responsibility         | Key Partners          | Finance          | Implementing Entity |
| Modernization and Expansion of Energy Sector Infrastructure           | Development of Electricity Interconnection Projects with Neighboring Countries and Enhancement of Existing Projects to Ensure Grid Stability and Promote Electricity Trade | Continuous     | 2025-2035 | Signing/ Renewal of Agreements with Neighboring Countries | MEMR<br>NEPCO              | Neighboring Countries | Funders (Donors) | NEPCO               |
| Reducing Energy Costs and Enhancing the Sector's Financial Efficiency | Natural Gas Exports                                                                                                                                                        | New            | 2029-2035 | Exported Gas Quantities                                   | National Petroleum Company | MEMR<br>EMRC          | -                | -                   |

| Governance and Legislation Sector                                               |                                                                                            |                |           |                                                                                       |                    |                                                                                                                                 |         |                     |
|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------|-----------|---------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------|---------|---------------------|
| Strategic Pillar: Legislative Development                                       |                                                                                            |                |           |                                                                                       |                    |                                                                                                                                 |         |                     |
| Initiative                                                                      | Project                                                                                    | Project Status | Duration  | Key Performance Indicator (KPI)                                                       | Key Responsibility | Key Partners                                                                                                                    | Finance | Implementing Entity |
| Enhancing the Energy Sector Regulatory Framework to Support Future Developments | Developing the Regulatory Framework Governing the Oil Sector                               | Continuous     |           | Number of Regulations and Instructions Issued under the Law, Including Any Amendments | MEMR<br>EMRC       | <ul style="list-style-type: none"> <li>• NEPCO.</li> <li>• National Petroleum Company.</li> <li>• Logistics Company.</li> </ul> | -       | MEMR                |
|                                                                                 | Developing the Regulatory Framework Governing the Gas Sector                               | Continuous     | 2025-2026 | Number of Regulations and Instructions Issued under the Law, Including Any Amendments | MEMR<br>EMRC       | <ul style="list-style-type: none"> <li>• NEPCO.</li> <li>• National Petroleum Company.</li> <li>• Logistics Company.</li> </ul> | -       | MEMR                |
|                                                                                 | Developing the Regulatory Framework Governing the Electricity and Renewable Energy Sectors | Continuous     | 2025-2035 | Reviews of the Sector's Regulations and Instructions                                  | MEMR<br>EMRC       | <ul style="list-style-type: none"> <li>• NEPCO.</li> <li>• Distribution Companies.</li> </ul>                                   |         | MEMR                |

# Digital Enablement and Data Management for the Energy Infrastructure Sector

## Strategic Pillar: Security and Sustainability Enhancement of Energy Sector Crucial Digital Infrastructure and Data Management

| Initiative                                                                      | Project                                                                  | Project Status | Duration  | Key Performance Indicator (KPI)                                                                         | Key Responsibility | Key Partners                                                                                                                                         | Finance                                 | Implementing Entity |
|---------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------|-----------|---------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------|
| Governance and Management of Energy Sector Data                                 | Preparation of an Energy Sector Data Governance Policy                   | New            | 2026-2027 | Preparing the Policy Document                                                                           | MEMR<br>EMRC       | Sector Companies                                                                                                                                     | Public Budget                           | MEMR<br>EMRC        |
|                                                                                 | Establishment of the National Energy and Mineral Resources Data Platform | New            | 2025-2028 | System Building                                                                                         | MEMR<br>EMRC       | All Companies in the Sector.<br>• Ministry of Digital Economy and Entrepreneurship.<br>• Digital Transformation Unit at the Prime Minister's Office. | Public Budget                           | MEMR<br>EMRC        |
| Protecting and Enhancing Cybersecurity of Critical Energy Sector Infrastructure | National Energy Sector Cybersecurity Compliance                          | New            | 2026-2028 | Compliance with the Requirements of the Jordanian National Cybersecurity Framework in the Energy Sector | MEMR<br>EMRC       | • National Cybersecurity Center.<br>Ministry of Digital Economy (Digital Transformation Unit).<br>• Energy Sector Companies.                         | Public Budget<br>Energy Sector Partners | EMRC                |

| Technical and Administrative Capacity Building Sector      |                                                                                                                                                            |                |           |                                                                             |                    |                                                                                                            |                  |                     |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|-----------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------|------------------|---------------------|
| Strategic Pillar: Human Capital and Innovation Environment |                                                                                                                                                            |                |           |                                                                             |                    |                                                                                                            |                  |                     |
| Initiative                                                 | Project                                                                                                                                                    | Project Status | Duration  | Key Performance Indicator (KPI)                                             | Key Responsibility | Key Partners                                                                                               | Finance          | Implementing Entity |
| Capacity Building and Skills Development                   | Providing Capacity-Building Programs in the Energy Sector Including (Electricity, Renewable Energy, Energy Efficiency, Energy Transition, and Oil and Gas) | Continuous     | 2025-2035 | Number of Training Courses Delivered<br><br>Number of Training Participants | MEMR               | EMRC<br>Energy Sector Companies<br>Jordanian Engineers Association<br>Arab and International Organizations | Funders (Donors) | MEMR                |
|                                                            | Implementing Human Capacity-Building Programs in Data Management and Analytics                                                                             | New            | 2026-2028 |                                                                             | MEMR               | EMRC                                                                                                       | Funders (Donors) | MEMR                |
|                                                            | Programs for Building Technical Capacities in Cybersecurity Protection and Incident Response Procedures                                                    | New            | 2026-2028 |                                                                             | MEMR               | EMRC                                                                                                       | Funders (Donors) | MEMR                |