

| Annex D | | Emissions | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Activities and Impacts Matrix: Agri-industry | | Air | | | | | | | | | | Effluent | | | | Waste | | | Noise | | Runoff | | | | | | | | | | | |
| Releases to air, soil/land and water | | Point source | | Dust | | Odours | | Non-point source / Fugitive | | Greenhouse Gas Emissions | | Radioactive emissions | | Domestic | | Industrial - containing organics | | Industrial - containing inorganics | | General | | Hazardous | Tailings | | Continuous noise | | Intermittent noise | | Contaminated stormwater | | Clean runoff | |
| | | Construction | Operation | Construction | Operation | Construction | Operation | Construction | Operation | Construction | Operation | Construction | Operation | Construction | Operation | Construction | Operation | Construction | Operation | Construction | Operation | Construction | Operation | Construction | Operation | Construction | Operation | Construction | Operation | Construction | Operation | |
| LISTING NOTICE 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | The construction of facilities or infrastructure, including associated structures or infrastructure, for: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (f) | the slaughter of animals with a product throughput of 10 000 kilograms or more per year; | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (h) | the concentration of animals for the purpose of commercial production in densities that exceed: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | - 20 square metres per head of cattle and more than 500 head of cattle per facility per year; - 8 square meters per sheep and more than 1 000 sheep per facility per year; - 8 square metres per pig and more than 250 pigs per facility per year excluding piglets that are not yet weaned; - 30 square metres per crocodile at any level of production, excluding crocodiles younger than 6 months; - 3 square metres per head of poultry and more than 250 poultry per facility at any time, excluding chicks younger than 20 days; - 3 square metre per rabbit at and more than 250 rabbits per facility at any time; - 100 square metres per ostrich and more than 50 ostriches per facility per year or 2500 square metres per breeding pair | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (i) | aquaculture production, including mariculture and algae farms, with a product throughput of 10 000 kilograms or more per year; | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (j) | agri-industrial purposes, outside areas with an existing land use zoning for industrial purposes, that cover an area of 1 000 square metres or more; | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Annex E | | Location | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|-------|-----------------------------|------------|----------------------|------------------------|--------------------|---------------------|----------------------------|------------------|--|-----------------------------|------------------|------------------------------|---------------------|--|---------------------------------------|----------------------|----------------------------------|-------------------|---------------------------|----------|--|-------------------------|------------------------------------|-------------|
| Activities and Impacts Matrix: Energy | | Physical | | | | | | Biodiversity | | | | | | Heritage | | Aesthetics | | Social | | | Land use | | | | | | |
| Locational considerations relevant to development footprint | | Geological features | | | | | Unique habitats | | | | | Archaeology/paleontology | | | Scenic/rural landscapes | | | Local community - informal settlement | | | Agricultural | | | Declared Nature conservation area / protected area | | | |
| Locational considerations relevant to compatibility of development with surroundings | | Productive soils (Agricultural, Forestry) | Slope | Erodable and unstable soils | Clay soils | Rock and rock layers | Marine/coastal systems | Freshwater systems | Ecological corridor | Critical Biodiversity Area | Red Data species | CE, E or V ecosystems as defined in the NSBA | Cultural landscapes / sites | Scientific Value | Historical buildings / sites | Unique architecture | Significant townscapes/streetscapes/precinct | Local community - formal settlement | Community facilities | Public / community access routes | Public Open Space | Communal facilities/areas | Forestry | Previously mined | Urban conservation area | Brownfields (previously developed) | Undeveloped |
| LISTING NOTICE 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renewable Energy | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | The construction of facilities or infrastructure, including associated structures or infrastructure, for: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) | the generation of electricity where the electricity output is more than 10 megawatts but less than 20 megawatts | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fuel-fired (coal, gas, diesel, oil) generation plants | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | The construction of facilities or infrastructure, including associated structures or infrastructure, for: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) | the generation of electricity where the electricity output is more than 10 megawatts but less than 20 megawatts | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Coal stockpiles at coal-fired power stations | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | The construction of facilities or infrastructure, including associated structures or infrastructure, for: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) | the storage of 250 tons or more but less than 100 000 tons of coal; | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Annex E Activities and Impacts Matrix: Energy | | Location | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---------------------|---|-------|-----------------------------|------------|----------------------|-----------------------------------|---|--------------|------------|-----------------|------------------------|--------------------|---------------------|----------------------------|------------------|-----------------|--|---|--------------------------|-----------------------------|------------------|------------------------------|---------------|-------------------------|---------------------|--|---------------|---------------------------------------|-------------------------------------|----------------------|----------------------------------|-------------------|---------------------------|--------------|----------|------------------|----------------|-----------|------------|-------------|------------|-----------------------|--|-------------------------|------------------------------------|-------------|--|--|--|--|--|--|--|--|--|--|--|--|
| | | Physical | | | | | Biodiversity | | | | | Heritage | | | Aesthetics | | Social | | | Land use | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locational considerations relevant to development footprint | | Geological features | Productive soils (Agricultural, Forestry) | Slope | Erodable and unstable soils | Clay soils | Rock and rock layers | Groundwater / exploitable aquifer | Surface water resources (river, stream, wetland, dam) | Microclimate | Floodplain | Unique habitats | Marine/coastal systems | Freshwater systems | Ecological corridor | Critical Biodiversity Area | Red Data species | Endemic species | CE, E or V ecosystems as defined in the NSBA | Intact, pristine or near-pristine indigenous vegetation | Archaeology/paleontology | Cultural landscapes / sites | Scientific Value | Historical buildings / sites | Social Memory | Scenic/rural landscapes | Unique architecture | Significant townscapes/streetscapes/precinct | Scenic routes | Local community - informal settlement | Local community - formal settlement | Community facilities | Public / community access routes | Public Open Space | Communal facilities/areas | Agricultural | Forestry | Previously mined | Infrastructure | Mixed use | Commercial | Residential | Industrial | Public facility / POS | Declared Nature conservation area / protected area | Urban conservation area | Brownfields (previously developed) | Undeveloped | | | | | | | | | | | | |
| Locational considerations relevant to compatibility of development with surroundings | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Power lines - linear development | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | The construction of facilities or infrastructure, including associated structures or infrastructure, for: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (i) the transmission and distribution of electricity above ground with a capacity of more than 33 kilovolts and less than 120 kilovolts; | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Decommissioning of facilities for electricity generation (renewable) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | Decommissioning of existing facilities or infrastructure, other than facilities or infrastructure that commenced under an environmental authorisation issued in terms of the EIA Regulations, 2006 made under section 24(5) of the Act and published in GNR 385 of 2006, for: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (a) electricity generation; | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Decommissioning of fuel-fired power stations (coal, diesel, oil, gas) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | Decommissioning of existing facilities or infrastructure, other than facilities or infrastructure that commenced under an environmental authorisation issued in terms of the EIA Regulations, 2006 made under section 24(5) of the Act and published in GNR 385 of 2006, for: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (a) electricity generation; | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Annex E | | Location | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Activities and Impacts Matrix: Energy | | Physical | | | | | | | Biodiversity | | | | | Heritage | | | Aesthetics | | Social | | | | Land use | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locational considerations relevant to development footprint Locational considerations relevant to compatibility of development with surroundings | Geological features | Productive soils (Agricultural, Forestry) | Slope | Erodable and unstable soils | Clay soils | Rock and rock layers | Groundwater / exploitable aquifer | Surface water resources (river, stream, wetland, dam) | Microclimate | Floodplain | Unique habitats | Marine/coastal systems | Freshwater systems | Ecological corridor | Critical Biodiversity Area | Red Data species | Endemic species | CE, E or V ecosystems as defined in the NSBA | Intact, pristine or near-pristine indigenous vegetation | Archaeology/paleontology | Cultural landscapes / sites | Scientific Value | Historical buildings / sites | Social Memory | Scenic/rural landscapes | Unique architecture | Significant townscapes/streetscapes/precinct | Scenic routes | Local community - informal settlement | Local community - formal settlement | Community facilities | Public / community access routes | Public Open Space | Communal facilities/areas | Agricultural | Forestry | Previously mined | Infrastructure | Mixed use | Commercial | Residential | Industrial | Public facility / POS | Declared Nature conservation area / protected area | Urban conservation area | Brownfields (previously developed) | Undeveloped | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Decommissioning of nuclear power facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | Decommissioning of existing facilities or infrastructure, other than facilities or infrastructure that commenced under an environmental authorisation issued in terms of the EIA Regulations, 2006 made under section 24(5) of the Act and published in GNR 385 of 2006, for: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) | nuclear reactors and nuclear fuel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Recommissioning of facilities for electricity generation (renewable) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | Recommissioning of existing facilities or infrastructure, other than facilities or infrastructure that commenced under an environmental authorisation issued in terms of the EIA Regulations, 2006 made under section 24(5) of the Act and published in GNR 385 of 2006, after a period of two years from closure or temporary closure, for: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) | electricity generation; | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Annex E | | Location | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|--|--|--|--------------|--|--|--|----------|--|------------|--|--------|--|--|----------|--|--|--|--|--|--|
| Activities and Impacts Matrix: Energy | | Physical | | | | Biodiversity | | | | Heritage | | Aesthetics | | Social | | | Land use | | | | | | |
| Locational considerations relevant to development footprint Locational considerations relevant to compatibility of development with surroundings | | Geological features | | | | | | | | | | | | | | | | | | | | | |
| | | Productive soils (Agricultural, Forestry) | | | | | | | | | | | | | | | | | | | | | |
| | | Slope | | | | | | | | | | | | | | | | | | | | | |
| | | Erodable and unstable soils | | | | | | | | | | | | | | | | | | | | | |
| | | Clay soils | | | | | | | | | | | | | | | | | | | | | |
| | | Rock and rock layers | | | | | | | | | | | | | | | | | | | | | |
| | | Groundwater / exploitable aquifer | | | | | | | | | | | | | | | | | | | | | |
| | | Surface water resources (river, stream, wetland, dam) | | | | | | | | | | | | | | | | | | | | | |
| | | Microclimate | | | | | | | | | | | | | | | | | | | | | |
| | | Floodplain | | | | | | | | | | | | | | | | | | | | | |
| | | Unique habitats | | | | | | | | | | | | | | | | | | | | | |
| | | Marine/coastal systems | | | | | | | | | | | | | | | | | | | | | |
| | | Freshwater systems | | | | | | | | | | | | | | | | | | | | | |
| | | Ecological corridor | | | | | | | | | | | | | | | | | | | | | |
| | | Critical Biodiversity Area | | | | | | | | | | | | | | | | | | | | | |
| | | Red Data species | | | | | | | | | | | | | | | | | | | | | |
| | | Endemic species | | | | | | | | | | | | | | | | | | | | | |
| | | CE, E or V ecosystems as defined in the NSBA | | | | | | | | | | | | | | | | | | | | | |
| | | Intact, pristine or near-pristine indigenous vegetation | | | | | | | | | | | | | | | | | | | | | |
| | | Archaeology/paleontology | | | | | | | | | | | | | | | | | | | | | |
| | | Cultural landscapes / sites | | | | | | | | | | | | | | | | | | | | | |
| | | Scientific Value | | | | | | | | | | | | | | | | | | | | | |
| | | Historical buildings / sites | | | | | | | | | | | | | | | | | | | | | |
| | | Social Memory | | | | | | | | | | | | | | | | | | | | | |
| | | Scenic/rural landscapes | | | | | | | | | | | | | | | | | | | | | |
| | | Unique architecture | | | | | | | | | | | | | | | | | | | | | |
| | | Significant townscapes/streetscapes/precinct | | | | | | | | | | | | | | | | | | | | | |
| | | Scenic routes | | | | | | | | | | | | | | | | | | | | | |
| | | Local community - informal settlement | | | | | | | | | | | | | | | | | | | | | |
| | | Local community - formal settlement | | | | | | | | | | | | | | | | | | | | | |
| | | Community facilities | | | | | | | | | | | | | | | | | | | | | |
| | | Public / community access routes | | | | | | | | | | | | | | | | | | | | | |
| | | Public Open Space | | | | | | | | | | | | | | | | | | | | | |
| | | Communal facilities/areas | | | | | | | | | | | | | | | | | | | | | |
| | | Agricultural | | | | | | | | | | | | | | | | | | | | | |
| | | Forestry | | | | | | | | | | | | | | | | | | | | | |
| | | Previously mined | | | | | | | | | | | | | | | | | | | | | |
| | | Infrastructure | | | | | | | | | | | | | | | | | | | | | |
| | | Mixed use | | | | | | | | | | | | | | | | | | | | | |
| | | Commercial | | | | | | | | | | | | | | | | | | | | | |
| | | Residential | | | | | | | | | | | | | | | | | | | | | |
| | | Industrial | | | | | | | | | | | | | | | | | | | | | |
| | | Public facility / POS | | | | | | | | | | | | | | | | | | | | | |
| | | Declared Nature conservation area / protected area | | | | | | | | | | | | | | | | | | | | | |
| | | Urban conservation area | | | | | | | | | | | | | | | | | | | | | |
| | | Brownfields (previously developed) | | | | | | | | | | | | | | | | | | | | | |
| | | Undeveloped | | | | | | | | | | | | | | | | | | | | | |
| | Recommissioning of fuel-fired power stations (coal, diesel, oil, gas) | | | | | | | | | | | | | | | | | | | | | | |
| 24 | Recommissioning of existing facilities or infrastructure, other than facilities or infrastructure that commenced under an environmental authorisation issued in terms of the EIA Regulations, 2006 made under section 24(5) of the Act and published in GNR 385 of 2006, after a period of two years from closure or temporary closure, for: | | | | | | | | | | | | | | | | | | | | | | |
| (a) | electricity generation; | | | | | | | | | | | | | | | | | | | | | | |
| | Recommissioning of nuclear power facilities | | | | | | | | | | | | | | | | | | | | | | |
| 24 | Recommissioning of existing facilities or infrastructure, other than facilities or infrastructure that commenced under an environmental authorisation issued in terms of the EIA Regulations, 2006 made under section 24(5) of the Act and published in GNR 385 of 2006, after a period of two years from closure or temporary closure, for: | | | | | | | | | | | | | | | | | | | | | | |
| (b) | nuclear reactors and nuclear fuel storage; | | | | | | | | | | | | | | | | | | | | | | |

| Annex E | | Location | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Activities and Impacts Matrix: Energy | | Physical | | | | | Biodiversity | | | | | Heritage | | Aesthetics | | Social | | | Land use | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Local considerations relevant to development footprint | | Geological features | Productive soils (Agricultural, Forestry) | Slope | Erodable and unstable soils | Clay soils | Rock and rock layers | Groundwater / exploitable aquifer | Surface water resources (river, stream, wetland, dam) | Microclimate | Floodplain | Unique habitats | Marine/coastal systems | Freshwater systems | Ecological corridor | Critical Biodiversity Area | Red Data species | Endemic species | CE, E or V ecosystems as defined in the NSBA | Intact, pristine or near-pristine indigenous vegetation | Archaeology/paleontology | Cultural landscapes / sites | Scientific Value | Historical buildings / sites | Social Memory | Scenic/rural landscapes | Unique architecture | Significant townscapes/streetscapes/precinct | Scenic routes | Local community - informal settlement | Local community - formal settlement | Community facilities | Public / community access routes | Public Open Space | Communal facilities/areas | Agricultural | Forestry | Previously mined | Infrastructure | Mixed use | Commercial | Residential | Industrial | Public facility / POS | Declared Nature conservation area / protected area | Urban conservation area | Brownfields (previously developed) | Undeveloped |
| Environmental permits | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | Expansion of or changes to existing facilities for any process or activity, which requires an amendment of an existing permit or license or a new permit or license in terms of legislation governing the release of emissions, pollution, effluent, unless the facility for the process or activity is included in the list of waste management activities published in terms of section 19 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) in which case the activity is regarded to be excluded. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LISTING NOTICE 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renewable energy generation facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | The construction of facilities or infrastructure, including associated structures or infrastructure, for: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) | the generation of electricity where: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (i) | the electricity output is 20 megawatts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (ii) | the elements of the facility cover a combined area in excess of 1 hectare: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Annex E | Activities and Impacts Matrix: Energy | Location | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | Physical | | | | | | | | | Biodiversity | | | | | | | Heritage | | | Aesthetics | | | Social | | | | Land use | | | | | | | | | | | | | | | | | | |
| Geological features | Productive soils (Agricultural, Forestry) | Slope | Erodable and unstable soils | Clay soils | Rock and rock layers | Groundwater / exploitable aquifer | Surface water resources (river, stream, wetland, dam) | Microclimate | Floodplain | Unique habitats | Marine/coastal systems | Freshwater systems | Ecological corridor | Critical Biodiversity Area | Red Data species | Endemic species | CE, E or V ecosystems as defined in the NSBA | Intact, pristine or near-pristine indigenous vegetation | Archaeology/paleontology | Cultural landscapes / sites | Scientific Value | Historical buildings / sites | Social Memory | Scenic/rural landscapes | Unique architecture | Significant townscapes/streetscapes/precinct | Scenic routes | Local community - informal settlement | Local community - formal settlement | Community facilities | Public / community access routes | Public Open Space | Communal facilities/areas | Agricultural | Forestry | Previously mined | Infrastructure | Mixed use | Commercial | Residential | Industrial | Public facility / POS | Declared Nature conservation area / protected area | Urban conservation area | Brownfields (previously developed) | Undeveloped |
| Locational considerations relevant to development footprint | Locational considerations relevant to compatibility of development with surroundings | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fuel-fired (coal, gas, diesel, oil) generation plants | 1 | The construction of facilities or infrastructure, including associated structures or infrastructure, for: | (a) | the generation of electricity where: | (i) | the electricity output is 20 megawatts or more; or | (ii) | the elements of the facility cover a combined area in excess of 1 ha; | Nuclear energy generation facilities | (b) | nuclear reaction including the production, enrichment, processing, reprocessing, storage or disposal of nuclear fuels, radioactive products and waste; | Environmental permits | 1 | The construction of facilities or infrastructure, including associated structures or infrastructure, for: | (e) | any process or activity which requires a permit or license in terms of legislation governing the generation or release of emissions, pollution, effluent or waste and which is not identified in GNR. 386 of 2006; | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Annex E Activities and Impacts Matrix: Energy Use of natural resources Use of communal/public resources | | Resource use | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--------------|---------------------|---------------------|-------------------|----------|---------------------|-----------|-------------|-----------------|---------------|-----|--|---------------------------|---------------------------------------|------------|-----------------------|------|---------|-----------|-------------|---|------|-----------|-------------------------|---------|---------------|------------------------|
| | | Land type | | | | | Water source | | | | Raw Materials | | | | Energy source | | | Soil | | | | | | | | | | |
| | | Agricultural | Undeveloped - rural | Undeveloped - urban | Developed - urban | Communal | Public / state land | Sea water | Groundwater | River or stream | Wetland | Dam | Water Board/ Water Services Provides / Municipal | Chemicals - non hazardous | Hazardous chemicals / dangerous goods | Fuel - gas | Fuel - petrol, diesel | Coal | Uranium | Catalysts | Electricity | Liquid Fuel - HFO, diesel, paraffin, petrol | Coal | Gas - LPG | Renewable - wind, solar | Topsoil | Rock material | Fill material / rubble |
| LISTING NOTICE 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renewable Energy | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | The construction of facilities or infrastructure, including associated structures or infrastructure, for: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) | the generation of electricity where the electricity output is more than 10 megawatts but less than 20 megawatts | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fuel-fired (coal, gas, diesel, oil) generation plants | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | The construction of facilities or infrastructure, including associated structures or infrastructure, for: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) | the generation of electricity where the electricity output is more than 10 megawatts but less than 20 megawatts | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Coal stockpiles at coal-fired power stations | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | The construction of facilities or infrastructure, including associated structures or infrastructure, for: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) | the storage of 250 tons or more but less than 100 000 tons of coal; | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Power lines - linear development | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | The construction of facilities or infrastructure, including associated structures or infrastructure, for: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (l) | the transmission and distribution of electricity above ground with a capacity of more than 33 kilovolts and less than 120 kilovolts; | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Decommissioning of facilities for electricity generation (renewable) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | Decommissioning of existing facilities or infrastructure, other than facilities or infrastructure that commenced under an environmental authorisation issued in terms of the EIA Regulations, 2006 made under section 24(5) of the Act and published in GNR 385 of 2006, for: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) | electricity generation; | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Annex E | Resource use | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------|---------------------|---------------------|-------------------|--------------|---------------------|-----------|-------------|-----------------|---------|-----|--|---------------------------|---------------------------------------|------------|-----------------------|------|---------|-----------|-------------|---|------|-----------|-------------------------|---------|---------------|------------------------|--|
| | Land type | | | | Water source | | | | Raw Materials | | | | Energy source | | Soil | | | | | | | | | | | | | |
| Activities and Impacts Matrix: Energy Use of natural resources Use of communal/public resources | Agricultural | Undeveloped - rural | Undeveloped - urban | Developed - urban | Communal | Public / state land | Sea water | Groundwater | River or stream | Wetland | Dam | Water Board/ Water Services Provides / Municipal | Chemicals - non hazardous | Hazardous chemicals / dangerous goods | Fuel - gas | Fuel - petrol, diesel | Coal | Uranium | Catalysts | Electricity | Liquid Fuel - HFO, diesel, paraffin, petrol | Coal | Gas - LPG | Renewable - wind, solar | Topsoil | Rock material | Fill material / rubble | |
| Decommissioning of fuel-fired power stations (coal, diesel, oil, gas) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 Decommissioning of existing facilities or infrastructure, other than facilities or infrastructure that commenced under an environmental authorisation issued in terms of the EIA Regulations, 2006 made under section 24(5) of the Act and published in GNR 385 of 2006, for: | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) electricity generation; | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Decommissioning of nuclear power facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 Decommissioning of existing facilities or infrastructure, other than facilities or infrastructure that commenced under an environmental authorisation issued in terms of the EIA Regulations, 2006 made under section 24(5) of the Act and published in GNR 385 of 2006, for: | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) nuclear reactors and nuclear fuel storage; | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Recommissioning of facilities for electricity generation (renewable) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 Recommissioning of existing facilities or infrastructure, other than facilities or infrastructure that commenced under an environmental authorisation issued in terms of the EIA Regulations, 2006 made under section 24(5) of the Act and published in GNR 385 of 2006, after a period of two years from closure or temporary closure, for: | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) electricity generation; | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Recommissioning of fuel-fired power stations (coal, diesel, oil, gas) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 Recommissioning of existing facilities or infrastructure, other than facilities or infrastructure that commenced under an environmental authorisation issued in terms of the EIA Regulations, 2006 made under section 24(5) of the Act and published in GNR 385 of 2006, after a period of two years from closure or temporary closure, for: | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) electricity generation; | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Annex E Activities and Impacts Matrix: Energy | | Resource use | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|---------------------|---------------------|-------------------|----------|---------------------|-----------|-------------|-----------------|---------------|-----|--|---------------------------|---------------------------------------|------------|-----------------------|------|---------|-----------|-------------|---|------|-----------|-------------------------|---------|---------------|------------------------|
| | | Land type | | | | | Water source | | | | Raw Materials | | | | Energy source | | | | Soil | | | | | | | | | |
| Use of natural resources Use of communal/public resources | | Agricultural | Undeveloped - rural | Undeveloped - urban | Developed - urban | Communal | Public / state land | Sea water | Groundwater | River or stream | Wetland | Dam | Water Board/ Water Services Provider / Municipal | Chemicals - non hazardous | Hazardous chemicals / dangerous goods | Fuel - gas | Fuel - petrol, diesel | Coal | Uranium | Catalysts | Electricity | Liquid Fuel - HFO, diesel, paraffin, petrol | Coal | Gas - LPG | Renewable - wind, solar | Topsoil | Rock material | Fill material / rubble |
| | | Recommissioning of nuclear power facilities | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | Recommissioning of existing facilities or infrastructure, other than facilities or infrastructure that commenced under an environmental authorisation issued in terms of the EIA Regulations, 2006 made under section 24(5) of the Act and published in GNR 385 of 2006, after a period of two years from closure or temporary closure, for: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) | nuclear reactors and nuclear fuel storage; | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Environmental permits | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | Expansion of or changes to existing facilities for any process or activity, which requires an amendment of an existing permit or license or a new permit or license in terms of legislation governing the release of emissions, pollution, effluent, unless the facility for the process or activity is included in the list of waste management activities published in terms of section 19 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) in which case the activity is regarded to be excluded. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LISTING NOTICE 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renewable energy generation facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | The construction of facilities or infrastructure, including associated structures or infrastructure, for: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) | the generation of electricity where: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (i) | the electricity output is 20 megawatts or more; or | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (ii) | the elements of the facility cover a combined area in excess of 1 ha; | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fuel-fired (coal, gas, diesel, oil) generation plants | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | The construction of facilities or infrastructure, including associated structures or infrastructure, for: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) | the generation of electricity where: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (i) | the electricity output is 20 megawatts or more; or | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (ii) | the elements of the facility cover a combined area in excess of 1 ha; | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nuclear energy generation facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) | nuclear reaction including the production, enrichment, processing, reprocessing, storage or disposal of nuclear fuels, radioactive products and waste; | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Environmental permits | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | The construction of facilities or infrastructure, including associated structures or infrastructure, for: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (e) | any process or activity which requires a permit or license in terms of legislation governing the generation or release of emissions, pollution, effluent or waste and which is not identified in GNR. 386 of 2006; | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Annex E Activities and Impacts Matrix: Energy | | Emissions | | | | | | | | | | | | | | | |
|--|---|--------------|------|--------|-----------------------------|--------------------------|-----------------------|----------|----------------------------------|------------------------------------|---------|-----------|----------|------------------|--------------------|-------------------------|--------------|
| | | Air | | | | | Effluent | | | Waste | | | Noise | | Runoff | | |
| Releases to air, soil/land and water | | Point source | Dust | Odours | Non-point source / Fugitive | Greenhouse Gas Emissions | Radioactive emissions | Domestic | Industrial - containing organics | Industrial - containing inorganics | General | Hazardous | Tailings | Continuous noise | Intermittent noise | Contaminated stormwater | Clean runoff |
| | Decommissioning of fuel-fired power stations (coal, diesel, oil, gas) | | | | | | | | | | | | | | | | |
| 23 | Decommissioning of existing facilities or infrastructure, other than facilities or infrastructure that commenced under an environmental authorisation issued in terms of the EIA Regulations, 2006 made under section 24(5) of the Act and published in GNR 385 of 2006, for: | | | | | | | | | | | | | | | | |
| (a) | electricity generation; | | | | | | | | | | | | | | | | |
| | Decommissioning of nuclear power facilities | | | | | | | | | | | | | | | | |
| 23 | Decommissioning of existing facilities or infrastructure, other than facilities or infrastructure that commenced under an environmental authorisation issued in terms of the EIA Regulations, 2006 made under section 24(5) of the Act and published in GNR 385 of 2006, for: | | | | | | | | | | | | | | | | |
| (b) | nuclear reactors and nuclear fuel storage; | | | | | | | | | | | | | | | | |
| | Recommissioning of facilities for electricity generation (renewable) | | | | | | | | | | | | | | | | |
| 24 | Recommissioning of existing facilities or infrastructure, other than facilities or infrastructure that commenced under an environmental authorisation issued in terms of the EIA Regulations, 2006 made under section 24(5) of of the Act and published in GNR 385 of 2006, after a period of two years from closure or temporary closure, for: | | | | | | | | | | | | | | | | |
| (a) | electricity generation; | | | | | | | | | | | | | | | | |
| | Recommissioning of fuel-fired power stations (coal, diesel, oil, gas) | | | | | | | | | | | | | | | | |
| 24 | Recommissioning of existing facilities or infrastructure, other than facilities or infrastructure that commenced under an environmental authorisation issued in terms of the EIA Regulations, 2006 made under section 24(5) of of the Act and published in GNR 385 of 2006, after a period of two years from closure or temporary closure, for: | | | | | | | | | | | | | | | | |
| (a) | electricity generation; | | | | | | | | | | | | | | | | |
| | Recommissioning of nuclear power facilities | | | | | | | | | | | | | | | | |
| 24 | Recommissioning of existing facilities or infrastructure, other than facilities or infrastructure that commenced under an environmental authorisation issued in terms of the EIA Regulations, 2006 made under section 24(5) of of the Act and published in GNR 385 of 2006, after a period of two years from closure or temporary closure, for: | | | | | | | | | | | | | | | | |
| (b) | nuclear reactors and nuclear fuel storage; | | | | | | | | | | | | | | | | |

| Annex F | | Resource use | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-----------------------|---------------------|---------------------|-------------------|--------------|---------------------|-----------|-------------|-----------------|---------|-----|--|---------------------------|-------------------------------|--------------------|------------|-----------------------|------------------------------|--------|---------|------|-------------|---|------|-----------|-------------------------|---------|---------------|------------------------|--|
| Activities and Impacts Matrix: Large Scale Property Development | | Land type | | | | Water source | | | | Raw Materials | | | | | | Energy source | | | Soil | | | | | | | | | | | | |
| Use of natural resources Use of communal/public resources | | Agricultural/Forestry | Undeveloped - rural | Undeveloped - urban | Developed - urban | Communal | Public / state land | Sea water | Groundwater | River or stream | Wetland | Dam | Water Board/ Water Services Provides / Municipal | Chemicals - non hazardous | Hazardous chemical substances | Building materials | Fuel - gas | Fuel - petrol, diesel | Recycled concrete and rubble | Cement | Bituman | Coal | Electricity | Liquid Fuel - HFO, diesel, paraffin, petrol | Coal | Gas - LPG | Renewable - wind, solar | Topsoil | Rock material | Fill material / rubble | |
| Phased development | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | Phased activities where any one phase of the activity may be below a threshold specified in this Schedule but where a combination of the phases, including expansions or extensions, will exceed a specified threshold. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-division of land | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | The subdivision of portions of land 9 hectares or larger into portions of 5 hectares or less. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Industrial development | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | The development of a new facility or the transformation of an existing facility for the conducting of manufacturing processes, warehousing, bottling, packaging, or storage, which, including associated structures or infrastructure, occupies an area of 1000 square metres or more outside an existing area zoned for industrial purposes. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LISTING NOTICE 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sports facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | The construction of facilities or infrastructure, including associated structures or infrastructure, for: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (t) | any purpose where lawns, playing fields or sports tracks covering an area of 10 hectares or more, will be established. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Size of development footprint | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Any development activity, including associated structures and infrastructure, where the total area of the developed area is, or is intended to be, 20 hectares or more. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Annex F | | Emissions | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--------------|-----------|--------------|-----------|-----------------------------|-----------------------|--------------|----------------------------------|------------------------------------|-------------|--------------|----------------|------------------------|-----------------|--------------------|-----------------------|--------------|-----------|------------------|--------------------|-------------------------|--------------|--|--|
| Activities and Impacts Matrix: Large Scale Property Development | | Air | | | | | | Effluent | | | Waste | | | | | | | | | | Noise | | Runoff | | |
| Releases to air, soil/land and water | | Point source | Vehicle | Dust | Odours | Non-point source / Fugitive | Radioactive emissions | Domestic | Industrial - containing organics | Industrial - containing inorganics | Residential | Garden | Builders waste | Nuclear or Radioactive | Health Services | Special Industrial | Commercial and retail | Industrial | Hazardous | Continuous noise | Intermittent noise | Contaminated stormwater | Clean runoff | | |
| | | Construction | Operation | Construction | Operation | Construction | Operation | Construction | Operation | Construction | Operation | Construction | Operation | Construction | Operation | Construction | Operation | Construction | Operation | Construction | Operation | Construction | Operation | | |
| LISTING NOTICE 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Resorts | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | The construction of facilities or infrastructure, including associated structures or infrastructure, for: | | | | | | | | | | | | | | | | | | | | | | | | |
| (d) | resorts, lodges, hotels or other tourism and hospitality facilities in a protected area contemplated in the National Environmental Management: Protected Areas Act, 2003 (Act No. 57 of 2003); | | | | | | | | | | | | | | | | | | | | | | | | |
| Sports facilities | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | The construction of facilities or infrastructure, including associated structures or infrastructure, for: | | | | | | | | | | | | | | | | | | | | | | | | |
| (e) | any purpose where lawns, playing fields or sports tracks covering an area of more than three hectares, but less than 10 hectares, will be established; | | | | | | | | | | | | | | | | | | | | | | | | |
| (f) | sport spectator facilities with the capacity to hold 8000 spectators or more; | | | | | | | | | | | | | | | | | | | | | | | | |
| Transformation of land | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | The transformation of undeveloped, vacant or derelict land to: | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) | establish infill development covering an area of 5 hectares or more, but less than 20 hectares; or | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) | residential, mixed, retail, commercial, industrial or institutional use where such development does not constitute infill and where the total area to be transformed is bigger than 1 ha. | | | | | | | | | | | | | | | | | | | | | | | | |