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GOVERNMENT NOTICES

DEPARTMENT OF ENERGY

No. 1074

19 December 2012

IPP PROCUREMENT PROGRAMME 2012

DETERMINATION UNDER SECTION 34(1) OF THE ELECTRICITY REGULATION ACT 4 OF 2006

PART A

The Minister of Energy ("the Minister"), in consultation with the National Energy Regulator of South Africa ("NERSA"), acting under section 34(1) of the Electricity Regulation Act 4 of 2006 (as amended) (the "ERA") and the Electricity Regulations on New Generation Capacity (published as GNR. 399 in *Government Gazette* No. 34262 dated 04 May 2011) ("Regulations"), has determined as follows:

1. that renewable energy generation capacity needs to be procured to contribute towards energy security and to facilitate achievement of the renewable energy targets of the Republic of South Africa, accordingly, 3200 megawatts (MW) should be procured to be generated from renewable energy sources as described in more detail in paragraph 2 below, which is in accordance with the capacity allocated to certain renewable energy technologies, under the heading "New build", for the years 2017 to 2020, in Table 3 of the Integrated Resource Plan for Electricity 2010-2030 (published as GN 400 of 06 May 2011 in *Government Gazette* No. 34263) ("IRP 2010-2030");
2. the new generation capacity determined to be necessary as per paragraph 1 above ("the new generation capacity"), shall be generated from one or more of the following sources (each a "technology"), notwithstanding that the IRP 2010-2030 does not refer to the sources referred to in paragraphs 2.4, 2.5, 2.6 and 2.7 below:
 - 2.1. CSP;
 - 2.2. wind;
 - 2.3. solar PV;
 - 2.4. biogas;
 - 2.5. biomass;
 - 2.6. landfill gas;
 - 2.7. small (≤ 40 MW) hydro; and
 - 2.8. small projects (≤ 5 MW based on any of the sources referred to in paragraphs 2.1 to 2.7 above);

3. electricity produced from the new generation capacity("the electricity"), shall be procured through one or more tendering procedures which are fair, equitable, transparent, competitive and cost-effective and shall constitute IPP procurement programmes as contemplated in the Regulations ("procurement programmes"), which procurement programmes may include the IPP Procurement Programme initiated by the Department of Energy during August 2011;
4. the procurement programmes shall target connection to the Grid for the new generation capacity as soon as reasonably possible taking into account all relevant factors including the time required for procurement, according to a schedule that may differ from the timetable set out in Table 3 of the IRP 2010-2030;
5. the target allocation of MW per technology shall be as set out in the table below this paragraph 5, provided that the procurer designated in paragraph 7 below shall be entitled to re-allocate the MW available amongst the technologies, during the course of the procurement programmes:

Technology	MW
Onshore wind	1470
CSP	400
Solar Photovoltaic	1075
Small Hydro (≤ 40 MW)	60
Biomass	47.5
Biogas	47.5
Small Projects:	100
TOTAL	3200

6. the electricity may only be sold to the entity designated as the buyer in paragraph 9 below, and only in accordance with the power purchase agreements and other project agreements to be concluded in the course of the procurement programmes;
7. the procurer in respect of the procurement programmes will be the Department of Energy;

8. the role of the procurer will be to conduct the procurement programmes, including preparing any requests for proposals and/or all related and associated documentation, negotiating the power purchase agreements, facilitating the conclusion of the other project agreements, and facilitating the satisfaction of any conditions precedent to financial close which are within its control;
9. the electricity must be purchased by Eskom Holdings SOC Limited or by any successor entity to be designated by the Minister of Energy, as buyer (off-taker); and
10. the electricity must be purchased from independent power producers.

PART B

The Minister, in consultation with NERSA, acting under section 34(1) of the ERA and the Regulations, also hereby determines that the description of the new generation capacity to be procured in terms of the Determination made on 1 August 2011 in respect of renewable energy generation capacity, should be and hereby is amended as follows:

1. the definition of "small hydro" used in paragraph 2.7 of the 1 August 2011 Determination as " $\leq 10\text{MW}$ " is amended to "less than or equal to 40MW "; and
2. the term "small projects", as it is defined in paragraph 2.8 of the 1 August 2011 Determination, is amended to read:

"small projects ($\leq 5\text{MW}$ based on the sources referred to in paragraph 2.1, 2.3, 2.4, 2.5, 2.6 and 2.7)".

Concurrence to this Determination given by the National Energy Regulator of South Africa on the below mentioned date:

SIGNATURE: _____

MS CECILIA KHUZWAYO

CHAIRPERSON: NERSA

DATE: 15/10/12

Determination made by the Minister of Energy on the below mentioned date:

SIGNATURE: _____

MS DIPUO PETERS, MP

MINISTER: ENERGY

DATE: 12/12/12

No. 1075

19 December 2012

BASELOAD IPP PROCUREMENT PROGRAMME 2012**DETERMINATION UNDER SECTION 34(1) OF THE ELECTRICITY REGULATION ACT 4 OF 2006**

The Minister of Energy ("the Minister"), in consultation with the National Energy Regulator of South Africa ("NERSA"), acting under section 34(1) of the Electricity Regulation Act 4 of 2006 (as amended) (the "ERA") and the Electricity Regulations on New Generation Capacity (published as GNR. 399 in *Government Gazette* No. 34262 dated 04 May 2011) ("Regulations"), has determined as follows:

1. that baseload energy generation capacity is needed to contribute towards energy security, including 2500 megawatts (MW) to be generated from Coal, which is in accordance with the capacity allocated to "Coal (PF, FBC, Imports)", under the heading "New build", for the years 2014 to 2024, in Table 3 of the Integrated Resource Plan for Electricity 2010-2030 (published as GN 400 of 06 May 2011 in *Government Gazette* No. 34263) ("IRP 2010-2030");
2. that baseload and/or mid-merit energy generation capacity is needed to contribute towards energy security, including 2652MW to be generated from Natural Gas (which includes Liquefied Natural Gas or Natural Gas delivered by pipeline from a Natural Gas Field), which represents the capacity allocated to "Gas CCGT (natural gas)" and "OCGT (diesel)", under the heading "New build", for the years 2021 to 2025, in Table 3 of the IRP 2010-2030;
3. that baseload energy generation capacity is needed to contribute towards energy security, including 2609 MW to be generated from Hydro energy sources which represents the capacity allocated to "Imported Hydro" under the heading "New build", for the years 2022 to 2024, in Table 3 of the IRP 2010-2030;
4. electricity produced from the Coal, Natural Gas and Hydro energy sources described above ("the electricity"), shall be procured through one or more IPP procurement programmes as contemplated in the Regulations, which may include, where appropriate and having regard to all relevant circumstances, tendering processes, direct negotiation with one or more project developers, or other procurement procedures ("procurement programmes");
5. one or more of the procurement programmes may require or permit cross border projects, provided that no power purchase agreement in respect of electricity from a cross border project shall be entered into unless the Minister is satisfied that adequate agreements, memoranda of understanding or arrangements are in place or will be in place between the Government and the relevant foreign government or international organisation, as are necessary to enable such cross border project;

6. the procurement programmes shall target connection to the Grid for the new generation capacity as soon as reasonably possible, taking into account all relevant factors including the time required for procurement, according to a schedule that may differ from the timetable set out in Table 3 of the IRP 2010-2030
7. the electricity may only be sold to the entity designated as the buyer in paragraph 10 below, and only in accordance with the power purchase agreements and other project agreements to be concluded in the course of the procurement programmes;
8. the procurer in respect of the procurement programmes will be the Department of Energy;
9. the role of the procurer will be to conceptualise and conduct the procurement programmes, including undertaking feasibility studies, preparing any requests for information, requests for qualification, requests for proposals and/or all related and associated documentation, negotiating the power purchase agreements, facilitating the conclusion of the other project agreements, and facilitating the satisfaction of any conditions precedent to financial close which are within its control;
10. the electricity must be purchased by Eskom Holdings SOC Limited or by any successor entity to be designated by the Minister of Energy, as buyer (off-taker); and
11. the electricity must be purchased from independent power producers.

*Concurrence to this Determination given
by the National Energy Regulator of South
Africa on the below mentioned date:*

SIGNATURE: _____

MS CECILIA KHUZWAYO

CHAIRPERSON: NERSA

DATE: 18/12/12

*Determination made by the Minister of
Energy on the below mentioned date:*

SIGNATURE: _____

MS DIPUO PETERS, MP

MINISTER: ENERGY

DATE: 12/12/12

No. 1076

19 December 2012

MEDIUM TERM RISK MITIGATION PROJECT IPP PROCUREMENT PROGRAMME 2012**DETERMINATION UNDER SECTION 34(1) OF THE ELECTRICITY REGULATION ACT 4 OF 2006**

The Minister of Energy ("the Minister"), in consultation with the National Energy Regulator of South Africa ("NERSA"), acting under section 34(1) of the Electricity Regulation Act 4 of 2006 (as amended) (the "ERA") and the Electricity Regulations on New Generation Capacity (published as GNR. 399 in *Government Gazette* No. 34262 dated 04 May 2011) ("Regulations"), has determined as follows:

1. that energy generation capacity is needed to contribute towards energy security, including 800 megawatts (MW) to be generated, from Industrial Cogeneration energy sources (which may include amongst others, one or more of the following: biomass; industrial wastes and Combined Heat and Power), which represents part of the Cogeneration supply side options identified in Table 1 of Annexure E of the Integrated Resource Plan for Electricity 2010-2030 (published as GN 400 of 06 May 2011 in *Government Gazette* No. 34263) ("IRP 2010-2030") for reducing the medium term supply-demand shortfall which was assessed at that point to be approximately 9 terawatt hours or 1000 MW as referred to in paragraph 2 on page 62 of Annexure E of the IRP 2010-2030;
2. that baseload energy generation capacity is needed to contribute towards energy security, including 474 MW to be generated from Natural Gas, which represents the capacity allocated to "Gas CCGT (natural gas)", under the heading "New build", for the years 2019 to 2020, in Table 3 of the IRP 2010-2030;
3. electricity produced from the Industrial Cogeneration and Natural Gas energy sources described above ("the electricity"), shall be procured through one or more IPP procurement programmes as contemplated in the Regulations, which may, where appropriate and having regard to all relevant circumstances including the urgent need to secure connection to the Grid as soon as possible for the power procured pursuant to this Determination, include tendering processes, direct negotiation with one or more project developers, or other procurement procedures ("procurement programmes");
4. one or more of the procurement programmes may require or permit cross border projects, provided that no power purchase agreement in respect of electricity from a cross border project shall be entered into unless the Minister is satisfied that adequate agreements, memoranda of understanding or arrangements are in place or will be in place between the Government and the relevant foreign government or international organisation, as are necessary to enable such cross border project;

5. the procurement programmes shall target connection to the Grid for the new generation capacity as soon as reasonably possible, taking into account all relevant factors including the urgent need to secure connection to the Grid for the power procured pursuant to this Determination, according to a schedule that may differ from the timetable set out in Table 3 of the IRP 2010-2030
6. the procurer identified in paragraph 8 below may, at any time, in the design of any procurement programme or in the course of conducting any procurement programme, reallocate the MW indicated in paragraphs 1 and 2 above between the technologies identified in those paragraphs;
7. the electricity may only be sold to the entity designated as the buyer in paragraph 10 below, and only in accordance with the power purchase agreements and other project agreements to be concluded in the course of the procurement programmes;
8. the procurer in respect of the procurement programmes will be the Department of Energy;
9. the role of the procurer will be to conceptualise and conduct the procurement programmes, including preparing any requests for information, requests for qualification, requests for proposals and/or all related and associated documentation, negotiating the power purchase agreements, facilitating the conclusion of the other project agreements, and facilitating the satisfaction of any conditions precedent to financial close which are within its control;
10. the electricity must be purchased by Eskom Holdings SOC Limited or by any successor entity to be designated by the Minister of Energy, as buyer (off-taker); and
11. the electricity must be purchased from independent power producers.

*Concurrence to this Determination given
by the National Energy Regulator of South
Africa on the below mentioned date:*

SIGNATURE: _____

MS CECILIA KHUZWAYO

CHAIRPERSON: NERSA

DATE: 18/12/12

*Determination made by the Minister of
Energy on the below mentioned date:*

SIGNATURE: _____

MS DIPUO PETERS, MP

MINISTER: ENERGY

DATE: 12/12/12

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