

ELECTRICITY REGULATORY AUTHORITY



Status of Electricity Projects under Development

(As of January 2010)

SECTION A

LICENSED PROJECTS

A1: SMALL HYDROPOWER PROJECTS (<20MW)

Developer	Project Name / Location	Technology Option	Planned Capacity (MW)	Effective Licence Date	Comments/Issues/Actions
Hydromax Limited	Buseruka HEP Project, Hoima	Mini Hydro	9	01-Nov-2007	As of June 29 th 2009, the following progress was reported by the Licensee: <ul style="list-style-type: none"> • Excavations & footing for penstock anchor blocks were completed; • Powerhouse excavation was completed; • Excavation at weir site was in progress; • 70% of steel bar bending for the fore bay was completed; • Steel plates for penstock pipes were procured and most delivered on site. • Turbine manufacturing was 60%

Developer	Project Name / Location	Technology Option	Planned Capacity (MW)	Effective Licence Date	Comments/Issues/Actions
					complete. <ul style="list-style-type: none"> Procurement of transmission line materials & accessories is in progress.
Kikagati Power Company Limited	Kikagati HEP Project, Isingiro	Mini Hydro	10	01-Jan-2007	<ul style="list-style-type: none"> The Authority approved transfer of this License to Kikagati Power Company Ltd.
West Nile Rural Electrification Company Ltd.	Nyagak HEP Project, Nebbi	Mini Hydro	3.4	12-Mar-2003	<ul style="list-style-type: none"> New implementation arrangements were constituted and work is progressing.
Eco Power (U) Ltd.	Ishasha HEP Project, Rukungiri	Mini Hydro	6.595	01-Jul-2007	<ul style="list-style-type: none"> Project work progressing.
Africa EMS Mpanga Ltd.	Mpanga HEP Project, Kamwenge	Mini Hydro	18	01-May-2008	<ul style="list-style-type: none"> The recent site visit in January revealed substantial project progress with headrace channel construction almost complete. One of the major outstanding activities is tunnelling a 90m section of the headrace. Powerhouse construction is underway. Commercial Operation Date is slated for May 2010. MEMD, REA & UETCL are handling the power evacuation component. The Contract for the Tx line was awarded, work is yet to commence.

A2: LARGE HYDROPOWER (>20MW)

Developer	Project Name / Location	Technology Option	Planned Capacity (MW)	Effective Licence Date	Comments/Issues/Actions
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Developer	Project Name / Location	Technology Option	Planned Capacity (MW)	Effective Licence Date	Comments/Issues/Actions
Bujagali Energy Limited	Bujagali HEP Project, Jinja	Large Hydro	250	01-June-2007	<p>As at June 30th 2009, the following progress was reported:</p> <ul style="list-style-type: none"> • Powerhouse construction is ongoing, with focus on all the five units; • Corrective measures are being undertaken in locations where schists were encountered; • Concreting of the gated spillway, gravity dam and erection bay are ongoing; • Basic engineering design was completed while detailed design progress is estimated at 72%; • Purchase orders for major electro-mechanical equipment are placed; • Fabrication of major electrical & electro-mechanical equipment is in advanced stages; • The project is expected to be commissioned in June 2011 unless otherwise a new one is communicated.

A3: THERMAL PROJECTS

Developer	Project Name / Location	Technology Option	Planned Capacity (MW)	Effective Licence Date	Comments/Issues/Actions
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Electro-Maxx (U) Ltd.	Generation Plant in Tororo	Heavy Fuel Oil	20	01-Mar-2008	<ul style="list-style-type: none"> The Licensee commenced commissioning tests in December 2009.
Invespro (U) Ltd.	Generation Plant at Kimaka, Jinja	Heavy Fuel Oil	50	01-Apr-2009	<ul style="list-style-type: none"> At ERA's last site visit the Licensee was behind schedule in as far as civil works and fuel & water storage tank installation are concerned. The only ongoing activity at the time of the visit was installation of two fuel tanks; civil works had not commenced.

SECTION B

VALID PERMIT HOLDERS, APPLICANTS WHOSE PERMITS HAVE EXPIRED AND INCOMPLETE APPLICATIONS

B1: SMALL HYDROPOWER PROJECTS (<20MW)

Developer	Project Name / Location	Technology Option	Planned Capacity (MW)	Permit Granted	Permit Expiry	Comments/ Issues/Actions
Jacobsen Elektro AS	Nengo Bridge HEP Project, Rukungiri	Mini Hydro	6.5 – 7.0	01-Jun-2008	31-Dec-2009	<ul style="list-style-type: none"> The Developer applied for a twelve months permit extension.
Tronder Energie AS	Waki HEP, Masindi District	Mini Hydro	5.0	01-Sept-2008	31-Aug-2009	<ul style="list-style-type: none"> The Company communicated inability to proceed with this project owing to other commitments and was formally notified that the site is now considered available to any intending developer.
ZIBA Ltd.	Kyambura HEP, Bushenyi	Mini Hydro	8.3	20-Jan-2009	19-Jan-2010	<ul style="list-style-type: none"> Company to be informed of expiry of permit.
China Shan Sheng Industry International (U) Ltd	Nshungyezi HEP Project, Isingiro	Mini Hydro (Own distribution & sale to	22	02-Jan-2007	31-Jan-2010	<ul style="list-style-type: none"> The Company has requested ERA for one year's permit extension.

Developer	Project Name / Location	Technology Option	Planned Capacity (MW)	Permit Granted	Permit Expiry	Comments/ Issues/Actions
		national grid)				
South Asia Energy Management Systems	Nyamwamba Small hydro Power Project, Kasese	Mini Hydro	8	05-June-2009	04-June-2010	<ul style="list-style-type: none"> Studies are ongoing.
Kisiizi Hospital Power Ltd.	Kisiizi Hospital Project, Rukungiri	Micro Hydro	0.29	N/A	N/A	<ul style="list-style-type: none"> Company submitted preliminary information related to pricing/tariff issues. A meeting is proposed to discuss the outstanding issues.
Adjumani Rural Electrification Company Ltd.	River Esia Project, Adjumani	Mini-Hydro	1	29-Jul-2005	16-Nov-2009	<ul style="list-style-type: none"> Company to be informed of expiry of permit.
Ntama Bamwine Hydropower Company	River Rwizi Project, Mbarara	Mini-Hydro	1	29-Oct-2009	28-Oct-2010	<ul style="list-style-type: none"> Permit was issued.
Tangaza Tours	Haisesero Hydropower Plant, Kabale	Mini Hydro	1	-	-	<ul style="list-style-type: none"> The Company has not yet addressed the outstanding issues.
VS Hydro	Siti 1 & 2	Mini Hydro	25.7	23-Dec-2009	22-Dec-2010	<ul style="list-style-type: none"> The permit was issued.
Greenewus Energy Africa Ltd	Kakaka – Kasese District Nkusi – Kibaale District	Mini Hydros	7.2 11	27-Aug-2009	26-Aug-2010	<ul style="list-style-type: none"> Given a permit to carry out studies.

B2: CO-GENERATION/BIOMASS/WASTE PROJECTS

Developer	Project Name / Location	Technology Option	Planned Capacity (MW)	Permit Granted	Permit Expiry	Comments/Issues/Actions
Kinyara Sugar Ltd	Generation Plant at Kinyara in Masindi	Co-generation using bagasse as fuel	7.5; Expected to sale 5MW to the grid	N/A	N/A	<ul style="list-style-type: none"> At its 162nd meeting, the Authority approved Kinyara's License Application. License to be issued.

Developer	Project Name / Location	Technology Option	Planned Capacity (MW)	Permit Granted	Permit Expiry	Comments/Issues/Actions
Sesam Energetics 1 Ltd.	Biomass project, Kampala	Waste to Energy	33	01-Jun-2008	30-Nov-2009	<ul style="list-style-type: none"> Company to be informed of expiry of permit.
Kabale Energy Ltd.	Generation plant in Kabale	Peat	30	01-Nov-2007	22-Dec-2010	<ul style="list-style-type: none"> Studies are ongoing. PPA negotiations with UETCL are ongoing.
Apac Energy for Agro Processing Centres (U) Ltd	Generation plant in Kabale	Biomass-fired plant	1.0	01-Sept-2008	31-Aug-2009	<ul style="list-style-type: none"> Permit expired, Company asked to submit justification for permit extension.

B3: SOLAR PROJECTS

Developer	Project Name / Location	Technology Option	Planned Capacity (MW)	Permit Granted	Permit Expiry	Comments/Issues/Actions
Energy Systems for Africa Ltd	Generation Plant at Namugoga, Busiro	Solar-thermal	50	01-Aug-2006	31-Jul-2007	<ul style="list-style-type: none"> License application is still incomplete. ERA to convene a stakeholders meeting to discuss the proposed technology.
Micro Power Group	Micro-generation Plants in Mbale, Arua and Lira and micro-grids	Solar-PV	0.24	-	-	<ul style="list-style-type: none"> Permit application is still incomplete.

Stewards Net Uganda Inc. Ltd	Generation plant in Kampala	Solar-PV	50	-	-	<ul style="list-style-type: none"> Permit application is still incomplete.
East African Energy Technology Development Network	River Dirigana Project, Sironko	Micro Hydro	60kW, 150kW	-	-	<ul style="list-style-type: none"> Company to address outstanding legal issues.

B4: THERMAL PROJECTS

Developer	Project Name / Location	Technology Option	Planned Capacity (MW)	Permit Granted	Permit Expiry	Comments/Issues/Actions
Tullow Uganda Operations Pty Ltd	Generation Plant at Kaiso-Tonya, Masindi, (and Distribution line)	Heavy-fuel oil	57	01-July-2008	30-June-2009	<ul style="list-style-type: none"> The Company applied for permit extension and transfer to Jacobsen.

B5: COMBINED PROJECTS

Developer	Project Name / Location	Technology Option	Planned Capacity (MW)	Permit Granted	Permit Expiry	Comments/Issues/Actions
Uganda Electricity Distribution Company Ltd.	Generation & Distribution in Moroto, Moyo & Adjumani	Light-fuel oil	Moroto 750kVA Moyo 750kVA Adjumani 750kVA	N/A	N/A	<ul style="list-style-type: none"> There are still outstanding issues of a legal (formal transfer by REA), environmental and economic nature.

B6: DISTRIBUTION

Developer	Project Name / Location	Technology Option	Planned Capacity (MW)	Permit Granted	Permit Expiry	Comments/Issues/Actions
Ferdsult Engineering Services Ltd.(FESL)	Rukungiri-Kanungu concession	Distribution	3.46 MVA	N/A	N/A	<ul style="list-style-type: none"> The Authority approved the License Application at its 131st meeting held in April 2008. License will be issued after finalization of wheeling aspects; Ferdsult, Umeme & UETCL need to finalize the wheeling aspects. Ferdsult to submit a PSA and Wheeling Agreement to ERA to enable preparation of the formal License.
Ferdsult Engineering Services Ltd.(FESL)	<ul style="list-style-type: none"> Kyotera-Mutukula Masaka-Bukakata Mbarara-Kikagati 	Distribution	6.81 MVA	N/A	N/A	<ul style="list-style-type: none"> License Application incomplete.
Lunar Associates Architects & Engineers Ltd.	Electricity Distribution in Budiop County, Kamuli	Distribution		29-Oct-2009	28-Oct-2010	<ul style="list-style-type: none"> Permit was issued.