#### Newsletter REG

Issue №: 5 January - March, 2020



**GOVERNMENT OF RWANDA** -**WORLD BANK SIGN US\$ 100 MILLION FINANCING AGREEMENT TO SUPPORT RWANDA'S COVID19 RESPONSE IN ENERGY.** 

**Afdb approves €8 Million TECHNICAL ASSISTANCE GRANT TO** SUPPORT RUZIZI IV HYDRO POWER PROJECT IN THE GREAT LAKES

**NYABARONGO II HYDRO POWER PROJECT GETS US\$ 214 MILLION** FINANCING BOOST















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#### **Our Vision**

To be the leading regional provider of innovative and sustainable energy solutions for national development

#### Our Mission

Developing and providing reliable and affordable energy while creating value for our stakeholders

#### Core Values of REG



#### **Customer Oriented**

Serving our customers and ensuring their satisfaction through our culture of excellence



#### Integrity

We are open, fair and honest with our stakeholders



#### Respect for people

We respect, empower, recognize and ensure the continuous development of our people.



#### Team work

We work together reinforcing our professional capabilities as individuals, teams and operating units



#### Efficiency

We innovatively achieve more with fewer resources without compromising quality



#### Sustainability

We provide sustainable solutions in a safe environment

#### REG CELEBRATED THE MILLIONTH CUSTOMER



igali, January 23, 2020 - Hon. Claver GATETE, Minister of Infrastructure, officiated the ceremony to celebrate the increase in numbers of on-grid connections which has already reached 1,000,000 households connected to the grid.

"Electricity used to be a luxury; some people never knew that they are actually entitled to have electricity in their home. That's why in 1994, access to electricity was less than 1%. By 2010, it had moved up to 9%, and today we have reached 52% by the end of last year" said Hon. Gatete; Minister of Infrastructure. He added that today, Rwanda is aiming to reach 100% access to electricity by the year 2024.

"I want to thank our development partners who have been supporting us in this journey to make sure that every Rwandan gets electricity which is a primary need" he added.

When describing the customer, the CEO of REG, Eng. Ron Weiss said that the purpose of this event is to recognize the millionth customer and to honor REG corporates social responsibility by offering gifts to this customer.

"REG's millionth customer 'Agnes Mukankuranga' was identified according to REG's customers database system. Her house is registered under the name of her daughter Violette Mukarugambwa" he said.

From the years 1937 when REGIDESO the first company to supply electricity was started in Rwanda and 1957 when

the first ever power plant was built in Rwanda up to the years 2000, access to electricity in Rwanda was being considered as a rare privilege to dwellers of big cities, with only 46,000 households with access to electricity during that period.

In 2009, a special program to roll out access to electricity (EARP) especially in rural areas was established to increase the access rate in the Rwandan community. At that time, only 6% of Rwandan households had access to on-grid electricity. Thanks to the support from the Government of Rwanda and various development partners, the program increased the access to electricity to 492,641 in 2014 and to over 1 million households connected to the grid today.

Despite the aggressive expansion of Rwanda's electrical grid network, grid connections will take time to reach all households. Therefore, off-grid solutions, including solar home systems (SHS), will play a key role. Off-grid technologies and commercial structures have developed significantly in recent years and now present a viable alternative to grid connections. Today, over 386,000 households have access to electricity through the use of off-grid technologies.

Looking at the projection of increase of the number of households in Rwanda, around 3.8 million households will have access to electricity by 2024. This means that a total of 2.4 million households will be connected in the coming 5 years. Among these, 1 million will be connected to the grid while 1.4 million will be provided with off-grid solutions.

# AfDB APPROVES €8 MILLION TECHNICAL ASSISTANCE GRANT TO SUPPORT RUSIZI IV HYDRO POWER PROJECT IN THE GREAT LAKES REGION



regional population. Greater and more reliable access to electricity will also improve the quality of basic social service delivery including health, education, and improved security.

"The African Development Bank played a major role in structuring and raising financing for Ruzizi III, and the lessons learned will be used to successfully develop and implement Ruzizi IV. The use of renewable affordable electric power will help to reduce unemployment, poverty, greenhouse gas emissions and deforestation, as well as stabilise security in the Great Lakes region," said Batchi Baldeh, the Bank's Director for Power Systems Development.

January 2020: The Board of Directors of African Development Bank Group (AfDB) has approved an €8 million grant drawn from the European Union's Africa Investment Platform (EU-AIP) to support the preparation of the Ruzizi IV Hydropower Project. The plant will be situated on the Ruzizi River between Rwanda and the Democratic Republic of Congo and will supply electricity to the DRC, Burundi and Rwanda.

When completed, Ruzizi IV is projected to produce 287 MW of electricity and exploit the Ruzizi river's full hydropower potential. Two power plants are already in operation: Ruzizi I produces 29.8 MW and Ruzizi II, 43.8 MW; a third, Ruzizi III, with a projected 147 MW output is under development with Bank support.

The project will provide electricity to millions of households, as well as small and medium-sized enterprises and industries, thereby improving the living conditions of the

The €8 million grant approval follows a \$980,000 grant approved end-2018 by the New Partnership for Africa Development's Infrastructure Project Preparation Facility (NEPAD-IPPF), which is a multi-donor Special Fund hosted by the Bank, to co-finance this technical assistance.

Ruzizi Hydropower Plant Project IV meets the goal shared by Burundi, DRC and Rwanda to optimise exploitation of their energy resources by integrating electricity generation, transmission and distribution infrastructure. The project falls within the overall regional energy market framework being developed by the Nile Equatorial Lakes Subsidiary Action Programme (NELSAP) and the Eastern Africa Power Pool (EAPP).

Ruzizi IV also aligns with the Bank's High 5 priority to "Light up and power Africa", as well as the Bank's strategy on regional integration, and specifically, development of regional energy infrastructure.

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# HOW ACCESS TO ELECTRICITY FACILITATED YOUNG ENTREPRENEUR'S AMBITIONS

Northern Province's Gakenke District where he was born and bred.

He grows garlic on three hectares of land, which he later processes into garlic drink, known as 'kaanize' for local consumption.

The thirty-year-old's journey started back in 2012 when he completed high school education.

Since he didn't have enough capital to start the business, he used the Rwf 30,000 he had at hand to start a mini-cinema at his local market showing films on a small television he borrowed from a friend. "Back in the village, not everyone can access electricity in their homes. I used this chance to entertain people and the results were encouraging since I got many customers from young people to adults," he said. He later managed to buy a bigger screen which he used to show football matches as well.

The entrepreneur said his mission was to venture into agriculture, and that the reason behind it was to gather enough capital for his long term plan.

Prior to that, they didn't have access to electricity in his entire village, it was in 2012 that they were connected to the grid. "I wanted to use this opportunity as well so that I can venture into agriculture and make good use of the power especially in processing," he said.

He added that most people in rural areas often miss out on opportunities because of lack of electricity.

Five years down the line, he embarked on growing garlic in 2018, with a capital of Rwf 200,000 under his company Bahoneza Rwanda Ltd.

Depending on a season, he said he harvests up to 100 kg per harvest after planting 10kg of garlic. Garlic is harvested twice a year and is ready for harvesting when the leaves wither.

Mid last year, he started processing it into a drink and selling to consumers in his home town and other markets, he has some customers who buy the drink on a daily basis.



He said that he chose garlic was because of its enormous health benefits.

However, Nizeyimana noted that he found out that despite its benefits, still many people will avoid using because of its smell. "To make it easy to consume, I decided to process it into a drink because in this form, the smell is faint, unlike when used while in its raw form, where the smell is concentrated and lasts for long," he said.

Studies have shown that garlic drink could be a good remedy for some of the health conditions that most people deal with. It helps in the prevention of some chronic diseases. It's also popular among those seeking to lose weight as well as those who are battling obesity.

Moving forward Nizeyimana is among the top 50 young innovators in the country recognized by Youth Connekt Award in 2019.

With a revenue of about Rwf 400,000 a month, he has been able to employ eight workers and planning to add more in future.

Since the business is in its early stage, he said in future he plans to buy machines to improve processing as well as expand this enterprise in all aspects.

He uses a blender to turn the garlic into a drink, which according to him consumes a lot of time, therefore, a challenge when it comes to time management. His advice to fellow young people is that they should focus on one venture that they are passionate about as opposed to many which could lead them to lose focus.

Going by the government's blueprint for development, the National Strategy for Transformation (NST1) access to electricity will be scaled up to 100 per cent by 2024 with the ongoing expansion of the grid and private sector cooperation. This is among other things expected to reduce the cost of doing business and facilitate trade.

#### ENERGY MINISTERS PUSH THE COMPLETION OF RUSUMO POWER PLANT BEFORE 2021



Once the project is completed, it will unlock more in improving cross-border trade in the region, eradicate poverty and contribute to the economic growth, and reversal of environmental degradation in the Nile Equatorial Lakes region.

inisters responsible for energy from Burundi, Rwanda and Tanzania held the 11th Council of Ministers Meeting on the 80 MW Regional Rusumo Falls Hydroelectric Project to discuss progress of the project.

The meeting brought together Rwanda's Minister of Infrastructure, Honorable Claver Gatete, Minister for Energy, Eng. Come Manirakiza, and Tanzania's Energy Minister, Dr. Medard Kalemani together with board members. Ministers visited the project located on the River Akagera at the border between Rwanda and Tanzania, and about 25 kilometers from Burundi. They inspected all project components including dam site, tunnel, power house and switch yard.

The construction works of the project is currently at 60% and hoping to be completed before June 2021. The timeline was set by the Ministers during the inspection of the project to avoid further delays that may occur. The Ministers instructed the Rusumo Power Company Limited (RPCL), the company responsible to oversee the implementation of the entire project, to speed up all activities attached to the project." We need electricity on grid so that the citizens of all countries can start benefiting from the project. Said Minister Gatete.

Nile Equatorial Lakes Subsidiary Action Program (NELSAP) secured \$340 million from World Bank for construction the the WM08 power plant, and \$128 million from the African Development Bank for the transmission lines.

The three countries share the Akagera River Basin, which covers an area of about 60,000 square kilometers, a sub-basin of the River Nile system.

opportunities

There transmission lines for electricity evacuation are equivalent to 94km from Rusumo to Nyakanazi (Tanzania), 161km to Rwanda, and 194km to Burundi. The lines are parallel built to fast-track connection activities.

Regional Rusumo Falls Hydroelectric Project is implemented by NELSAP Project Implementation Unit / Nile Basin Initiative on behalf of the Rusumo Power Company Limited (RPCL) for Burundi, Rwanda, Tanzania. NELSAP is always poised to ensure the Nile Equatorial Lakes countries get benefits accruing from cooperation and working together. The project is also meant to improve livelihoods, enhancing social economic impact and reducing environmental degradation.

The Council of Minister's Chairmanship was handed over to Burundi from the United Republic of Tanzania, where the board of directorate was handled over to Tanzania from Rwanda. The new Chairman of Council of Ministers Meeting affirmed his commitment to fast-tracking the project activities by the monitoring of the project progress, identifying issues and coming up with tangible solution.

# RWANDA, DRCONGO SIGN VALIDATION ACT FOR THE SAFE EXPLOITATION OF LAKE KIVU GAS RESOURCES

Igali, 5 March, 2020: The Government of Rwanda and the Democratic Republic of Congo have signed a validation Act of the Contract on the review of the Management Prescriptions for the development of Lake Kivu Methane gas resources between the two countries.

The deal was signed by Minister of Environment Jeanne d'Arc representina Mujawamariya, Government of Rwanda and State Minister in charge of Hydrocarbons Rubens Mikindo Muhima, representing the Government of the Democratic Republic of Congo. This signing ceremony was witnessed by Minister of Infrastructure, Amb. Claver Gatete in presence of other Government officials from both countries.

The two ministers committed to provide rules for research, exploration and monitoring safe exploration of Lake Kivu gas resources.

Minister Mujawamariya said that Lake Kivu has a lot of biodiversity and natural resources that are important to human life.

"Biodiversity means a variety of plant and animal life in a particular habitat usually considered to be important and desirable. Therefore while exploiting the resources in Lake Kivu, the activities must protect the biodiversity in as well since it is important to human life." she said.

State Minister Mikindo Muhima lauded both Rwanda and DRC's efforts geared at safe exploitation of methane gas. "We need safe exploitation of methane gas in Lake Kivu for sustainable development in the Great Lakes Region in general," he said.

Amb. Claver Gatete, the Minister of Infrastructure added that there is an ongoing project with a target to produce cooking gas from methane gas. "We have engaged a company that might produce compressed natural gas from methane gas from Lake Kivu. They will supply gas for industrial and domestic applications. The company is very advanced in research and the project has already started," he said.



The Validation Act considers the potential impact that methane gas exploitation has to produce electricity which must be done by reducing the risk of gas explosion and thus protecting biodiversity.

The methane in Lake Kivu is estimated to have the capacity to generate 700MW of electricity over a period of 55 years.

Rwanda's share of the total generation potential is about 350 MW, with the rest being the share of Democratic Republic of Congo.

And in October last year, a public-private partnership project between Shema Power Lake Kivu Limited (SPLK Ltd) and Government of Rwanda was launched and it is expected to result in a development of 56 megawatts of methane gas, more than double of what the current investor is producing in Kivu.

According to the signed Validation Act, safe gas exploitation and biodiversity protection will be done by preserving the stability of different layers of Lake Kivu, hence boosting economic growth of the two countries.

## NYABARONGO II HYDRO POWER PROJECT GETS US\$ 214 MILLION FINANCING BOOST



Igali February 7, 2020: The Government of Rwanda and the People's Republic of China today signed a framework agreement that will allow China, through China Exim Bank to extend a concessional loan worth US\$ 214 million (approximately Frw 203 billion) that will facilitate the construction of Nyabarongo II Hydropower Project.

Nyabarongo II Hydropower Project will have three components: 43.5 MW Hydro power plant, a Substation and 110KV transmission line covering 19.2 km from the Power Plant to Rulindo sub-station.

Once commissioned after a construction period of 56 months, the project will reduce reliance on non-renewable energy resources for electricity generation and contribute to the stability of the grid. Further to that, the project is expected to provide jobs (skilled and unskilled) to Rwandans during and after construction of the power plant. During construction peak period the project is expected to employ more than 700 Rwandans. The Project will also use domestic construction materials including sand, stones, wood, and cement among others. Only electrical and electromechanical equipment are expected to be imported.

"In addition to the current 224 MW generation capacity, combined with the pipeline of power projects, Nyabarongo Hydro II will increase grid generation capacity to an estimated 513.5 MW," The Minister of Finance and Economic Planning Dr. Uzziel Ndagijimana said.

"This project will generate power, create job opportunities, improve irrigation and turn swamp into cultivatable land as large as large as twenty thousand hectares," His Excellency RAO Hongwei, the Ambassador of the People's Republic of China to Rwanda said.

The hydro power project is expected to hasten Rwanda's ambition to be among the first countries in Africa to achieve

universal electrification and the first to achieve less than 50 percent reliance on traditional cooking fuels as enshrined in the National Strategy for Transformation (NST1).

The NST1 targets a generation capacity of 564 MW and today we have a total installed capacity of 224.63 MW of which, still more than 15% of it, is generated from diesel run generators which will be replaced.

There are several power plant projects in pipeline which are expected to bring more power on-grid. These include:

- 49 MW from Rusizi Hydro Power III where (147MW) will be shared between Rwanda, DRC and Burundi;
- 27 MW from Rusumo Hydro where 80 MW will be shared between Rwanda, Burundi and Tanzania,
- · 80MW from Hakan Peat to Power Project
- 50 MW from SYmbion Methane Gas Project and
- 40 MW expected to be generated from other Micro or Mini-Hydro projects which are at different development stages.

#### A POSITIVE CHANGE IN THE LIVES OF AROUND 22,000 FAMILIES WHO GOT ELECTRICITY 2 YEARS AGO

years after residents of Rwamagana, Kayonza, Ngoma and Kirehe got electricity, they are now happy for this development and have started creating new businesses using this electricity.

Rwanda Energy Group provided access to electricity to these residents through the project "Improving Access to Reliable On-Grid Electricity Services for households and Priority Public Institutions", implemented by Energy Development Corporation Ltd (EDCL), a subsidiary company of the Rwanda Energy Group (REG). This project started in 2014 and was funded by the Kingdom of Belgium. As of today, a total of 22,387 households in the East have been connected to the grid.

In addition to these households, more than 5,400 more are expected to be connected to the grid by 2020. The project is also upgrading a power line of more than 280 kilometers of LV line in the Eastern Province, from single-phase to a three-phase. Some residents of Rwamagana District said life was hard before getting electricity as many had to travel long distances to seek electricity services.

Isaac Sarabwe, a resident of Nyarubuye Cell in Munyiginya Sector, is currently doing business in Nyarubuye center. He says that before getting electricity he was not making enough profit from his business. "We've been lucky since we got the electricity. We used to burn gasoline or use candles, which cost us a lot of money and because of the smoke we were exposed to respiratory diseases. So when we got electricity we got lucky, now we work late at night and have a lot of customers and thieves no longer come at night to steal from us ".

He also said that he has made more money from his business and was able to renovate his house which is now equipped with metallic doors.

Nzabonimana Augustin, who uses a mill machine in Munyiginya Sector, says he got the job thanks to electricity. "I got a job when we got access to electricity. Now that I work, I can rent a house and earn a living for myself and my family."

Uwamahoro Delphine, the Executive Secretary of Nyarubuye Cell, says that electricity has brought a lot of positive changes. "Here in our offices, we have light and during the night it's easy to ensure security. Also, when we needed to use computers, it was difficult for us, but now we are using them to provide faster services such as helping the population to integrate the new-borns into the Ubudehe system, to deregister the dead, and so on.

She said that all of this was previously required to be done at the Sector office. They first had to take the time to collect



applications and wait for number to increase before going work on them at the Sector office where they could get electricity. She says that this was delaying service delivery. "Before getting electricity, those who needed welding services had to go to Karangara which is at a distance of about eight kilometers. People were spending more money going there. Even some new investors came to invest here thanks to electricity." She added.

Muhiyumva Jean Marie, the treasurer of Nyarubuye Adventist School in Munyiginya Sector, says that electricity has helped them to do their job. "Since we got electricity, there have been so many different things in our daily work. First, reporting is now easier as we can get internet, and in children's education it is easier for us to prepare for exams and print them out. Many changes have occurred."

Jean Marie also said that now every teacher can use a computer and children to easily learn ICT. He also said that the Adventist Church, which founded the school, is now able to use musical instruments without having to use generators that require expensive fuel.

Ezechiel Ndabarinze, Director of Munyiginya Health Center in Rwamagana District, said that since the day they got electricity, they have been able to provide more services and their work got easier.

"During the nights, nurses had to use torches to help the patients. Today, at night, it's easy for nurses to find what they need and get it right away. Patients also feel safe when they go to a health center which has electricity."

Ezechiel also says that there are some medicines and vaccines which have to be stored in fridges. He said that before getting electricity, they had to go to store them at other health centers which had electricity every evening and take them back in the morning.

"You can understand the loss of time and money that we had. So now with electricity, we gained the time and the money".

Countrywide, REG has a customer database of more than 1 million clients connected to the national grid (38.5%) while more than 400,000 households (14.3%) are using off grid solutions.

## 11 PEOPLE CAUGHT ACCUSED OF ELECTRICITY THEFT IN THE FIRST QUARTER OF 2020



om January to March 2020, eleven (11) people were caught in acts of stealing electricity while REG's efforts to combat it have been enhanced.

On 10th January, 2020 in Gasabo District, , Kacyiru Sector, Kinyinya Cell, Kagugu Village, REG staff facilitated by security organs and local communities caught Tugizwenayo Jean Aimé Pierre a tenant of Mujawamariya Claudine stealing electricity.

On 07th January, 2020 in Musanze District, Nyange Sector, Kabeza Cell, Kibingo Village; three people TURATSINZE Bienvenue, TUYISHIME Emmanuel and their aid stealing electricity in their welding workshop.

On 11th March, 2020 six people (6) people were caught in different villages of Gacaca Sector, Musanze District accused of electricity fraud whereby they swindle local communities to connect them to the grid in exchange of money.

These people were working under a ghost company called "Chris Energy Ltd" of NZIYONSENGA Christophe.

NZIYOSENGA was not around during the time of the inspections and was not apprehended but he is being wanted by Rwanda Investigation Bureau for those crimes.

Those who were caught are UWASE Cedrick (24 yrs), RUKUNDO Sylvain (23 yrs)

IRADUKUNDA Olive (28 yrs), TWAGIRIMANA Eric (24 yrs), IYADUHAYE Leontine (25 yrs),NKURUNZIZA Innocent (24 yrs).

All these fraudsters accept the crimes they committed and their cases were submitted to Rwanda Investigation Bureau to be handled by courts of law.

Nkubito Stanley; the head for energy efficiency and revenue protection at EUCL-REG condemns the act of stealing electricity and says that "REG will not tolerate such crimes and

measures to curb electricity theft have been reinforced."

He further says that electricity theft hinders the development of the country and may cause incidents.

Nkubito says that many of these people were apprehended in facilitation of local communities.

He also said that announcements on radio and TV have been made to call the public to collaborate with REG and security organs in demonstrating these people stealing electricity and rewards are planned for those collaborating to apprehend fraudsters.

Theft of electricity is a crime and is punishable by fines and/or incarceration.

Theft of electricity is punishable by the law N°52/2018 of 13/08/2018 modifying Law N°21/2011 of 23/06/2011 governing electricity in Rwanda as modified to date.

Electricity theft is punishable whether stealing electricity connected to the grid or off-grid.

# INTERNATIONAL WOMEN'S DAY 2020 CELEBRATED ON HIGH GEAR BY REG STAFF

n Friday 06th of March 2020 at Nobleza Hotel, Kicukiro in Kigali city, women working at Rwanda Energy Group together with the Management of REG celebrated the International Women's Day.

This day which is globally celebrated on 08th March, 2019 was celebrated earlier as the 08th March 2020 coincided with one of the days of weekend.

Addressing Participants, Eng. Uwase Patricia shared her experience as a woman who is in the leadership making decision of the country, and

advised women working at REG no to underestimate them.

Eng. Uwase urged women to exploit opportunities that were put in place by Government of Rwanda to strive for positions of leadership across sectors. "We should never limit our ambitions just because we think we have so much responsibilities, or that we are women, we have to be ambitious.

She encouraged them to take advantage of the conducive political will to promote gender equality and equity and advocate for their needs.

"Men don't always know the experiences that women have. So you should be the ones to champion for what is good for women and do not wait for men to think about you. We should be able to articulate the challenges we have and be able to find solutions for them." she added.

The CEO of REG, Eng. Ron Weiss, said that women are greatly supporting the company's development despite many responsibilities they have at home.

"I really want to thank you for the support that you are giving the company. I know it's not easy to wake up in the morning, prepare something for the children, arrange the house, go to the office and deal with so many issues that you have been tasked to conduct, then you need to go back home, do the shopping, etc. We really appreciate the efforts that you're always making to support the company" he said.



REG CEO also called all stakeholders to double effort to facilitate women engineers access the labour market, more specifically in the energy sector. He also mentioned that REG hydropower plants being constructed will only employ women.

"Nyabarongo II Hydropower Plant which is under construction, will only be operated by women" he said, adding that women are capable like men, to not only compete for jobs in the energy sector but also strive for high positions in the sector.

In Rwanda, the Energy sector in Rwanda still has a small number of staff women. This is due to the country's historical and cultural background which discouraged women involvement in the technical works. Despite the current political will in Rwanda and Government efforts to promote gender balance in all sectors, the energy sector still has a very low rate due to its complicity of mandate where women were not engaged in electricity manoeuvring before. As of today, REG women make up approximately 18% of the total staff.

In a bid to be able to reach the Rwandan Government targets of 30% women representation at all levels, Rwanda Energy Group has put in place a special committee in charge of establishing the program to ensure the gender mainstreaming in this sector.



# REG BEAT UTB IN THE FINAL TO WIN KAYUMBA MEMORIAL

wanda Energy Group (REG)
Volleyball Club defeated University
of Technology and Business Studies
(UTB) after five sets of a huge battle to win
Kayumba Memorial Volleyball Tournament
that was being played on its 11th occasion.

Resurgent UTB gave a huge test to (REG) in the men's final of the 2020 Emmanuel Kayumba Memorial Volleyball Tournament, forcing the game to five sets before REG won 3-2 to clinch the title at GSO Butare, in Huye District, on Sunday 08th March, 2020.

REG, the reigning national volleyball league champions, took the opening set 25-20, but Fidele Nyirimana's men quickly fought back to win the next two 26-24 and 25-13 as they edged closer to retaining the title they won last year.

In the fourth set, which could seal victory for UTB, Benon Mugisha's REG displayed the best of never-die spirit as they prevailed a thrilling 38-36 battle before easing to 15-8 in the decisive fifth set (Seoul).

REG Coach, Mugisha Benon disclosed that he is very happy to win this trophy because it was a test to his players who are preparing the CAVB Champions' league competition slated in April, 2020 in Cairo, Egypt.

In the meantime, Rwanda Revenue Authority (RRA) were the winners in women's category following a four (3-1) set win over UTB in the final while GSO Butare defeated Collège Christ Roi in the schools category.

### **ELECTRICITY SAVING TIPS**

- Turn off non-essential lights and appliances. Example make sure all bedroom lights, fans, air conditioners etc. are turned off when the whole family is in the living room watching Television.
- Avoid running large appliances such as washers, dryers and electric ovens during peak-demand hours from 6:00 am to 9:00am and 6:00pm to 9:00pm.
- Fridge doors should not be left open for longer than necessary. [cold air escape]. Hot or warm food should not be put straight into the fridge (need to cool down first).
- Fridge should be regularly defrosted to keep running efficiently. If it tends to frost up quickly, the door seal should be checked and if the fridge is next to a gap cooker or a boiler, a good should be left between them.
- Buy Energy efficient appliances, products and light such as the compact fluorescent lamps instead of incandescent bulbs.
- Turn off all unnecessary lights, especially in unused offices and conference rooms and turn down remaining lighting levels where possible. Take advantage of natural lights where possible.
- Use skylight for roofing of production floors and ware houses.
- Set computers, monitors, printers copiers and other business equipment to their energy saving mode and turn them off during long idle periods such as lunch breaks and at the close of the day. Minimize energy usage during peak demand hours from 6:00am to 9:00am and from 6:00pm to 9:00pm.
- Ensure that offices having air conditioners have properly sealed windows and all doors are closed when the air conditioner is in use. Make sure your air conditioner is switched off at the end of the day. Again switch it off when you know you will be leaving the office for a longer period. Ensure regular maintenance of air conditioners.
- You could install simple motion detectors with your office lighting and air conditioner systems to turn off lights when not needed and cut down your energy consumption.



# Rwanda Energy Group | Compared to the compare