

INTRODUCTION

Dear Reader,
This issue will feature articles from The Barbados Light and Power Services, Dominica Electricity Services Ltd, Jamaica Public Service Company, Provo Power Company Ltd, St.Lucia Electricity Services as well as updates from the secretariat.

Should you wish to contribute to this publication or to showcase your company's accomplishments, events etc. you can do so by sending articles to Keitha Isaac at kisaac@carilec.org or Alison Pascal at apascal@carilec.org.



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CARILEC SUPPORTS STUDENTS SYMPOSIUM ON ENERGY AWARENESS AS PART OF ENERGY WEEK

As part of Energy Awareness week the Sustainable Development & Environment unit of the Ministry of Physical Development and the Environment in St.Lucia held a Students' Symposium in collaboration with CARILEC. The event took place on October 15th, 2009. CARILEC supported this inaugural outreach, particularly because it presented an opportunity for the association to raise awareness in the next generation's leaders.



Alison Pascal- Marketing and Member Services Coordinator of CARILEC

In many ways this forum was a good launching pad for CARILEC to begin its interaction with this critical segment of St. Lucia's youth as the association seeks ways to address its mandate of people development and more specifically increasing the talent pool for the electricity business. It is evident both locally and regionally that engineering students are more attracted to the more 'sexy' industries such information technology and telecom. This may be due largely to a lack of awareness and knowledge of the scope of possible careers which exist within the electric utility business. This symposium presented CARILEC with an



A Mixture of Students from Different Schools

opportunity to raise awareness in the student population.

During the opening ceremony of the symposium, Ms Alison Pascal, the Marketing & Membership Coordinator at CARILEC implored the students to make use of the forum and to participate fully in the exercise planned for the day.

As the day progressed the students listened to presentations on the various options for renewable energy and energy efficiency in Saint Lucia. Students were then placed into research groups lead by industry experts in Geothermal Energy, Biomass, Wind, Solar, Hydro, Waste to Energy, Energy Efficiency.

Facilitators included Mr. Bishnu Tulsie -National Trust , Mr. Aloysious Barthelomew, Sven Homscheid- GTZ, Cornelius Edmund-LUCELEC, and representatives from the Ministry of Communication and Solid Waste Management.

Each group then presented plausible arguments for choosing the most feasible sustainable energy option for St. Lucia. By the end of the session, students were able to evaluate and assess the benefits and disadvantages of implementing various sustainable energy options.



Students paying close attention to one of the Facilitators- Mr. Sven Homscheid from GTZ

CARILEC welcomed the opportunity to work with The Ministry of Physical Planning and the Environment on this venture which was hailed a success by all who attended.

UPDATES FROM THE SECRETARIAT

MARKETING AND MEMBER SERVICES

2010 Summary Details Of Annual Conferences

| Conference | Occupational Health & Safety | CEO's Symposium | Engineers Conference & Supply Chain Seminar | Human Resource |
|---------------------|---|---|---|---|
| Dates | 17th - 18th March | 23rd - 26th May | 26th - 29th July | 7th- 8th October |
| Location | St. Vincent | Antigua | St Maarten | Bermuda |
| Registration | Full Members:950 Ass Members:975 Non Members:1000 | Full Members:1275 Ass Members:1350 Non Members:1700 | Full Members:1275 Ass Members:1675 Non Members:1775 | Full Members:950 Ass Members:975 Non Members:1000 |
| Sponsorship | | Diamond:16,000 Platinum: 15,500 Platinum II: 15,000 | Diamond:16,500 Platinum: 14,500 PlatinumII: 14,000 | |
| | Gold:3,000 Silver:2,000 Bronze: 1,500 | Gold: 9,000 Silver:6,000 Bronze: 4,000 | Gold: 9,000 Silver:5,000 Bronze:3,500 | Gold:3,000 Silver:2,000 Bronze: 1,500 |
| Booth | 350 Ass Members:325 Non Members:875 | | 1175 Ass Members:675 Non Members: 975 | |

Human Resource Conference

It was indeed four days of mental stimulation, entertainment and a fair share of networking among the Human Resource Professionals at the Lucaya Beach and Golf resort in Free port Grand Bahama.

The 2009 Human Resource Conference which was specially designed to address the needs of experienced HR Professionals, met its aim of providing more intense training for delegates to stay on the cutting edge of their profession.

As a precursor to the conference, delegates were encouraged to participate in a workshop on "Effectively Utilizing Human Resource Metrics as a Business Partner". This course was well received by attendees.

The 2009 Human Resource Conference began with an Opening Ceremony with the Minister of State for the Environment officially declaring the conference open. Delegates were entertained by the Grand Bahama Youth Choir who put on a spectacular show which had everyone moving to the pulsating songs of music sung by this young and energetic group.

Several local dignitaries were in attendance. Mr. Excell Ferrell the President and CEO of Grand Bahama Power Company gave the welcome remarks while Dr. Karla Drenner, the Director of Health, Safety, Security, Environment & Corporate Social Responsibility Marubeni Taqa Caribbean delivered a special address to the delegates. The keynote speaker for the event was the Honourable Phenton Neymour, MP Minister of State for the Environment, Government of Bahamas.



Keynote Speaker Honourable Phenton Neymour, MP of State for the Environment

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CARILEC Contact Details

Web. www.carilec.com
Email. admin@carilec.org
Tel. 17584520140/1
Fax. 17584520142

Mailing Address:

Desir Avenue
Sans Souci
CP5907
Castries
St. Lucia

TRAINING DEPARTMENT

GIS SYMPOSIUM

CARILEC held its Inaugural GIS Symposium at the Bay Gardens Beach Resort in St. Lucia November 18th-20th, 2009. Attending the formal Opening Ceremony was Mr. Nigel Hosein the Executive Director of CARILEC, Mr. Tevor Louisy the Managing Director, St. Lucia Electricity Services, Ms Alison Jean the Permanent Secretary in the Ministry of Communications, utility members, affiliate members and locally invited guests from local business partners.



CARILEC 2009 GIS Symposium Attendees

The three day event comprised of presentations and panel discussions aimed at leveraging GIS and Electricity as well addressing the innate issues surrounding GIS implementation in the region but more specifically within the electricity sector. The presenters were from various utilities and affiliate companies.

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Training schedule for the month of January 2010

| COURSE TITLE | |
|--|-----------|
| Hazard Identification and Management | St. Lucia |
| Accident & Incident Investigations | St. Lucia |
| Substation Safety & Maintenance Procedures | St. Lucia |
| Train-the-Trainer for Technical and Non- Technical Courses | St. Lucia |
| Inventory Management and Control Techniques | St. Lucia |

[For More Information About Training Please Click Here...](#)

MEMBER NEWS

Barbados Light and Power(BLP) New Page In Kilowatt History

A new page in Kilowatt history was written on Wednesday, October 7, 2009 when proceedings associated with our Company's first rate hearing in 26 years commenced at the Lloyd Erskine Sandiford Centre.

Not only does this hearing represent an important milestone

for our Company, but it also provides an opportunity to gain a better understanding of the rate making process, as well as to build a consciousness of the scrutiny that the Company has to undergo as a regulated public utility. The current legislation calls for our rates, and principles on which these rates are based, to be reviewed every five years. This period can be extended at the Commission's discretion. However, it is certainly not anticipated that we would go another 25 years without a hearing.

This hearing further represents the culmination of over two years of preparation, involving numerous studies, the compilation of documentation required under the Utilities Regulation Act, and an application to the Fair Trading Commission (FTC), filed on Friday, May 8, 2009, for a review of our basic electricity rates charged to customers.

The application and subsequent rate hearing is coming at a time when the Company is preparing to replace some of its existing generating plant which is nearing the end of its operational and economic life, along with other replacements and upgrades that are required to continue to provide a safe, reliable and efficient electricity supply to meet consumers' needs. Unfortunately, the rate hearing is also coming at a time when many Barbadian consumers are being impacted either directly or indirectly by the current economic downturn. However, after giving careful consideration to all of the issues, the Company found it necessary to proceed.

We recognize that a reliable and efficient electricity supply along with other critical infrastructural services are going to play an important role in Barbados' ability to make it through this difficult economic time successfully and for the country to be prepared for when we get out of it.

Providing electricity is very capital intensive and many of the projects take several years in planning and construction before being brought into operation. These require raising large sums of money from lenders and investors several years prior to implementation of these projects. The Company is not able to put things on hold now and still have them available at short notice when they are required.

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DOMLEC Domlec AMI goes live October 15th 2009

Domlec is pleased to introduce to you its new Automated Meter Infrastructure (AMI) Project. AMI is the technology of automatically collecting consumption, diagnostic, and status data from metering devices and transferring that data to a central database for billing and analyzing. As a result, billing can be based on near real time consumption rather than on estimates based on previous or predicted consumption.

The company introduced this infrastructure to Dominica in April 2008, through a pilot project conducted in the Fond Cole area. Today, having been satisfied with the results, we are moving ahead, full scale to broaden the scope of the automatic meter infrastructure. Domlec's Meter Technicians will visit your premises to install the new AMI meter. It is hoped that at the end of a three year period, customers island-wide will be metered through the new system.

AMI presents itself as the new way of metering worldwide. A number of Caribbean islands including St. Lucia, Trinidad, Grenada

and a number of larger countries have introduced AMI to improve the quality of customer service by increasing efficiency and reducing operating costs. The benefits of AMI are clear and proven:

- Accurate meter reading, no more estimates - improved billing
- Improved security for premises as no meter reader will visit your property to read the meter
- Energy Management through profile data graphs
- Less financial burden correcting mistakes
- On-demand electric meter reading
- Interval energy and demand meter reading
- Outage detection
- Monitoring of voltage and other power quality characteristics
- Tamper detection
- Time of use metering

JPS JPS & NWC to sign MOU on Joint Venture for return of Constant Spring Hydro Power Plant

The Jamaica Public Service Company Ltd. (JPS) and the National Water Commission (NWC) are finalizing a Memorandum of Understanding (MOU) to formalize a joint venture between the two utilities, which will see the Constant Spring Hydroelectric Power Plant back in operation.

The disclosure was made recently by JPS Head of Projects and Infrastructure Management, David Cook, who explained that the 21-year-old power plant, which has been out of service since 2001, is in the finishing stages of renovation being undertaken at a cost of US\$1M or J\$89M.

The facility, located at the NWC's Constant Spring Treatment Plant in St. Andrew, will be accessed by JPS under a lease arrangement. The electric utility will take advantage of the flow of the Wag Water and Boar Rivers, as well as the Hermitage dam, to generate electricity.

The newly renovated Constant Spring Hydroelectric plant will be fully automated, allowing JPS engineers to remotely carry out such functions as closing and opening valves and determining the flow of water. The newly rehabilitated power plant, which is expected to become fully operational at the end of November, can result in a fuel cost saving of US\$740,000 per annum, assuming a cost of US\$100 per barrel.

This initiative will allow JPS to add just under one megawatt of electricity to the national grid, which can service approximately 3,000 households with an average consumption of 170 kilowatt hours of electricity per month.

The renovation of the Constant Spring Hydroelectric Plant is just one in a number of initiatives to increase the power supply. Only recently, an additional 10 megawatts were added to the power generating capacity of the Bogue Power Plant in Montego Bay, as part of the Company's effort to improve efficiencies there and increase the electricity supply available to the national grid.



JPS Customers to Pay Smaller Percentage of Fuel Costs

Starting this month, JPS customers will pay a smaller percentage of the cost of the fuel used to generate electricity. The new efficiency targets set by the Office of Utilities Regulation (OUR) in its recent Rate Determination will result in a reduction of approximately 4 percent in the fuel costs passed on to JPS customers.

The Fuel Charge on customers' electricity bills reflects the cost of the fuel JPS uses to generate electricity each month. JPS, however, has to absorb some of these costs, depending on how efficiently it uses the fuel in the process of generating electricity.

As part of the recent tariff review, the OUR established a new Heat Rate target for JPS, which will have the effect of reducing the percentage of fuel costs passed on to customers.

The Heat Rate target measures the efficiency with which a utility uses fuel in the process of generating electricity. JPS' Heat Rate target has been reduced from 11,200 kilojoules per kilowatt-hour (kJ/kWh) to a new target of 10,400 (kJ/kWh). With the lowered Heat Rate target, JPS will have to absorb more of the cost of the fuel used to generate electricity.

JPS cops Award of Merit (Silver) in Project Management Organization of the Year 2009 Awards



Members of the Oracle Financial Application re-implementation team

JPS team members are winners again! The Company copped the Award of Merit (Silver), for the use of Project Management Methodology, for projects which included the re-implementation

of the Oracle Financial Application. The award also recognizes the organization's support for Professional Project Management.

The award was presented recently in a ceremony hosted by the Project Management Institute, Jamaica Doctor Bird Chapter, at the Knutsford Court Hotel.

JPS was selected from a field of four competitors which included Pan Caribbean Financial Services, National Commercial Bank, and Neustone Ltd.

Marubeni TAQA Caribbean establishes its first renewable project in Jamaica

This month marked a historic first for the Marubeni TAQA partnership which has majority stakes in our Company. This, as the Minister of Energy and Mining, Hon. James Robertson, recommissioned into service, the Constant Spring Hydroelectric Power Station, which has been non-functional for the past eight (8) years.



Unveiling a plaque at the Constant Spring Hydroelectric Power Station

Speaking at the event, Chairman of JPS, Tomofumi Fukuda, said the project, though relatively small, is a very significant one, as it is Marubeni TAQA Caribbean Power Holdings' first renewable project in Jamaica. This, he noted,

will be followed by a wind energy project in St. Elizabeth, to come to fruition in the short term.

Energy Minister James Robertson also lauded the development, expressing delight that the Marubeni TAQA partnership and the Government of Jamaica were at one, regarding the vision for increased power supply and diversification of energy sources.

The project, is a collaborative effort between our Company and the National Water Commission, upon whose premises the power plant is situated. The rehabilitation of the plant was done at a cost of J\$89M or US\$1M, and employed 50 persons during construction. The project should result in savings of \$600,000 per year at the present fuel prices.

The plant, which will now add just under one megawatt of power to the national grid, can supply roughly 1600 households.

Provo Power

Provo Power Company (PPC) Ltd. Apprentices Strengthen their Talents at E&USA Toronto



(LtoR): Kevin Ewing, Devon Cox; Operations Manager and Kelorian Forbes.

As part of PPC's ongoing commitment to their human resources development, this year the company arranged for two of their linemen apprentices to take part in a training exercise at the highly-coveted Electrical & Utilities Safety Association Providenciales, Turks & Caicos Islands (October 13th 2009) - As part of PPC's ongoing commitment to their human resources development, this year the company arranged for two of their linemen apprentices to take part in a training exercise at the highly-coveted Electrical & Utilities Safety Association (E&USA) in Toronto, Canada.

Kevin Ewing and Kelorian Forbes who work as Power Line Technician Apprentices and are part of PPC's apprenticeship training program had the opportunity to travel to Canada to attend a 10-day course on electrical and safety theory.

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Provo Power Company (PPC) Ltd. Announces New and Improved Method of Billing

PPC Ltd has today announced its new bill distribution system starting December 1st 2009, where customers will receive their power bills by email instead of by home delivery.

Providenciales, Turks & Caicos Islands (October 28th, 2009) - PPC Ltd has today announced its new bill distribution system starting December 1st 2009, where customers will receive their power bills by email instead of by home delivery.

The E-Billing service, which replaces home delivery, aims to be a more efficient and environmentally friendlier way for customers to receive their monthly bills. For those who are not on email, there are two alternative options: customers can either collect their bills directly from PPC's Bill Collection Center or have the bill sent to a post box address.

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LUCELEC

LUCELEC Supports Crime Prevention Efforts

The Saint Lucia Electricity Services Limited (LUCELEC) has responded to a call for private sector support for the construction of a police substation in Rodney Bay. The Power Company will contribute twenty five thousand dollars (\$25,000) to the project.

The proposed substation will be built in the area popularly referred to as the "Ramp" on the site of the old Cat's Whiskers Pub, on land owned by the Government of Saint Lucia. It is expected to serve as an operational centre for better policing of the Rodney Bay area.

The re-establishment of a dedicated police substation in the area is seen as critical to efforts to ensure safety and security in Rodney Bay which is a commercial, recreational, entertainment and residential hub in the north of the island. Several agencies, including the St. Lucia Hotel & Tourism Association (SLHTA), the Royal St. Lucia Police Force, the Government of Saint Lucia through the Ministry of Home Affairs, and various Rodney Bay community groups and associations, have come together to partner in this venture.

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LUCELEC Supports Ciceron Secondary's Pastoral Care Programme



LUCELEC has placed its support behind the Ciceron Secondary School's Pastoral Care Programme. The Power Company has donated \$3,500 to the programme that seeks to provide basic needs such as uniforms, books, lunches, and bus fare to students at the school who are in need.

School Principal Leota Charlemagne says the programme has been running since the school opened six years ago. The programme identifies children in need and the school raises funds through cake sales and other activities to get money to support children in need to allow them to have the best opportunity to learn. Beyond the basic needs, the programme has also assisted with paying CXC examination fees for some students.

LUCELEC made the donation to the school on Thursday, in response to a request for help. In making the presentation, the Company's Corporate Communications Manager Roger Joseph said this was just the latest example of LUCELEC's Power of Caring in action.

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NEW MEMBERS

Southwire

Southwire Company joined CARILEC in September 2009. They are the leading manufactures of wire and cable used in the distribution transmission of electricity. Throughout its history, the company has sought to deliver power through their products, their services and by helping empower their customers, employees and communities. One in three new homes built in the United States contains wire made by Southwire.