

VISION - Leadership in Energy Delivery, Excellence in Customer Service... enhancing the quality of life for all.

MISSION - To provide a safe, reliable, high quality electricity supply, in an environmentally responsible manner, utilizing best practices, through empowered employees committed to excellence

and customer satisfaction.

A composite photo of the Control Board and a Feeder segment, modelled using the Geographical Information System (GIS) and SCADA system.

Stories on pages 6 and 12.

- New Substation opened in Tobago
- T&TEC hosts Emancipation and Eid Functions
- New Engineering Department creates synergy

Editorial

Better teams, better company

Our headline story on the new engineering department is a sound example of the wisdom of retooling systems to improve organizational efficiency. As acknowledged in the article, the new team's dynamic is working well; this speaks to the benefits of building better teams to increase productivity and workflow.

Productivity relies on motivation to be consistent and the engineering team is guided by the common goal of maintaining an efficient, optimized System, and keeping customers on supply. Simply put, keeping your collective eyes on the

prize is one of the best ways to ensure optimum output. Group focus can be derailed by individual agendas, but tools exist to assist in keeping the train on the rails. The University of California, San Francisco offers these guidelines to keep the team united and generate greater productivity:

- Consider each person's ideas as valuable.
- Be aware of unspoken feelings.
- Be clear when communicating.
- Practice sharing information.
- Make sure that you have a clear idea of what you need to accomplish.

This list is not exhaustive, but provides a good framework that can be easily adopted in any department.

In addition to motivation and increased productivity, the practice of team play can provide higher levels of job satisfaction and commitment; a climate of cooperation and collaborative problemsolving; improve trust among colleagues and yield better policies and procedures.

The impact is win-win for the individual and the organization.

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T&TEC completes first of three projects to improve reliability in Tobago



Even as T&TEC is conducting two major upgrade projects in southwest Tobago, it took the time to commission a third on the eve of Independence Day.

Phase one of the Studley
Park Substation, which
is positioned to benefit
thousands of residents
from Studley Park to
Charlotteville, and
Scarborough to Parlatuvier,
was commissioned on Friday
30 August and immediately
brought relief to residents.
The newly energised 33kV12000 6MVA transformer
and two 12kV feeders

are intended to improve voltage and power quality and represent the first in a series of interventions to permanently improve the reliability of the electricity supply in those areas.

Guests at the ceremony included Government Ministers, representatives from the Tobago House of Assembly and the Board of T&TEC.

Chairman, Mrs. Susilla
Ramkissoon-Mark, explained
some of the pre-existing
challenges on the circuit;
"The windward circuit is the

Above: T&TEC's General Manager, Kelvin Ramsook, presses the switch to energise the 12 kV feeder. Looking on are Acting Minister of Public Utilities, Sen. the Hon. Marlene Coudray; T&TEC's Chairman, Susilla Ramkissoon-Mark; Member of Parliament for Tobago East, the Hon. Vernella Alleyne-Toppin; and Advisor to the Minister of Tobago Development, Stanley Beard.

longest 12kV feeder in the T&TEC system. The challenge with the length occurs because longer distances reduce control on the circuit and, also, the voltage is significantly lower at the end of it. This is apparent in voltage fluctuations and intermittent outages. The problems posed by terrain and distance are further

exacerbated by corrosive conditions, as found in Tobago."

The location of the new substation introduces more control on the circuit and improves voltage stability. Mrs. Ramkissoon-Mark assured of T&TEC's commitment to delivering the highest level of service to all of its customers, including Tobago, adding, "We are working around the clock to ensure this happens." She also commented on the efficiency of the project team who got the job done in a record 30 days and thanked them for their hard work. Speaking after the event, Area Manager Ganesh Narine said the substation is "the culmination of a super human effort on the part of the substation Senior Foreman and two crews, as well as, our welders, lines crews and cable crews." Overall more than 95

project to ensure that it was done in record time.

In the feature address, Acting Minister of Public Utilities, Senator the Honourable Marlene Coudray, outlined the other major projects being conducted by T&TEC that would "give the main transmission system and distribution grid in Tobago a level of reliability and sturdiness that up to this point was not possible." The works, which are expected to be completed within weeks, include an upgrade of the Milford Bay Substation and construction of a second 66kV line between the substation and the Cove Power Station, and the switch over from diesel to natural gas at Cove. The switch to natural gas is expected to save T&TEC \$5M per month in fuel costs.

Supplementary projects that

12kV circuits from the Cove Substation and the reengineering and upgrading of the circuit in north and north eastern Tobago.

Special mention was made of the Tobago House of Assembly's role in providing the land for building the Studley Park Substation.

T&TEC General Manager, Kelvin Ramsook, was candid in his comments about the electrical supply challenges being faced in Tobago. He singled out several customers in Charloteville, calling them by name, as he apologised for their previous inconveniences. He was quick to reassure them however, that Distribution Tobago, and the Commission as a whole, was determined to right the situation. He also reminded everyone of the need to always be safety conscious when working with



Commissioners visit Cove Power Station



Dion Ewing, Electrical Engineer, far right, has the attention of (I-r) Member of Parliament for Tobago East, the Hon. Vernella Alleyne-Toppin; and Commissioners Moriba Kwamina, Carlyle Dick and Shaheed Mohammed while conducting the tour of the Cove Power Station. In the background are Area Manager – Tobago, Ganesh Narine and Manager – Distribution Planning and Support, Curvis Francois.

Newly appointed T&TEC Commissioners, Shaheed Mohammed and Carlyle Dick, along with reappointed Commissioners, Moriba Kwamina and Princess Smart were part of a familiarisation tour of the Cove Power Station, Tobago.

The visit, which also included the Honorable Vernella Alleyne-Toppin, Member of Parliament for Tobago East and Minister in the Ministry of the People and Social Development took place following the commissioning of the Studley Park Substation on August 30, 2013.

The Cove Power Station is a dual fired power generating station. It was commissioned on October 23, 2009 and has been operating with diesel fuel since.

At the time of the visit, the engines at the plant were being repaired for a planned fuel switch from diesel to natural gas. This project should be fully completed in September 2013. This change to a more environmentally friendly fuel will save the Commission \$5 million per month, with an expected project payback of eight months.

Engineering restructured to improve efficiency



In a nutshell, synergy is the combination of efforts that is greater than the parts; improving operational efficiency, exploitation of opportunities and best use of resources. The end result is maxium productivity.

With this goal in mind, T&TEC on June 1 effected a decision to merge several operations into the newlyformed System Control and Generation Interface (SC&GI) Department.

The rationale for the merger of the existing Generation Interface, System Control and Distribution Control operations was to provide a more holistic approach to generation operations

and thus improve efficiency and cost-effectiveness in the purchase and use of bulk power. A previous organisational review had revealed this to be good business sense since bulk power purchase amounts to over half of the Commission's annual budget.

Trevor Babwah, Senior
Engineer said "merging the
different sections was easy,
as it reflected a natural
flow that already existed
among these Departments."
Under the new structure,
Generation Interface will
continue to manage the
overall performance of
our three power suppliers
Trinity Power, PowerGen
and Trinidad Generation

Unlimited, within the context of four Power Purchase Agreement contracts (PPAs), two of which are with Powergen. Management of fuel supplies at all power stations will also remain within the Department's portfolio.

More immediately, System
Control, as part of their
oversight of the national
transmission system, is
responsible for the hourly
allocation of generation
targets to each power
station. Trevor Babwah
describes generation
allocation, as "a fine
balancing act" between
customers' needs and excess
generation. "We do not
want to engage machines to

provide power that will not be utilised, so our determination of daily generation is based on forecasted customer demands. Several variables affect this decision, among them T&TEC's maintenance plans and programmes."

As such, Control also remotely monitors and operates all transmission substations and transmission lines with the help of the Supervisory Control and Data Acquisition (SCADA) system, which provides real-time display of equipment status and enables prompt responses to changing system conditions, facilitating field operations and support for ongoing safety initiatives.

The section also serves as the central coordination point for all maintenance and construction-related switching, and works closely with Transmission Division personnel to ensure safe completion of transmission system upgrades and modifications.

Similarly, Distribution Control (see side bar) monitors the Commission's distribution installations (12kV and below) using SCADA to support safe maintenance work on distribution boards and overhead lines by the Distribution Division.

This interactive flow of information between the sections provides the basis for efficiently balancing the constraints of the system while minimising customers' disruptions.

The new System Control and Generation Interface Department is charged with coordinating these responsibilities.

Allen Clarke, SC&GI
Manager, is confident that
the merger of resources
within the new Department
will allow more stringent
monitoring of generation
operations under the PPAs.
He predicted that "closer
interaction with generation
suppliers and appropriate
preventative measures will
result in improved technical
efficiencies and a win-win
outcome for everyone."

The end goal of the 24-hour-a-day efforts is to support Trinidad and Tobago's national development and standard of living by ensuring that the Commission's 440,000 customers are served continuously with a reliable, high-quality supply of electricity.

An update on Distribution Automation

The implementation of Distribution Control began in 2010 with a pilot project in the Borough of Arima. Since then this project has been expanded to encompass several hundred feeders across the country and is now 55% complete.

Distribution Control operates a separate SCADA system which relies on T&TEC's extensive fibre optic and microwave communications network to receive data from SCADA-ready substation and feeder equipment.

While Distribution Control is specific to distribution operations, it is also synchronized with System Control. The automation system provides advantages for field employees and ultimately, T&TEC's customers. Among these is improved fault location time; reduced outage extent for customers by sectioning off affected feeders; remote assisted switching; and centralized monitoring of distribution equipment which allows for more efficient optimal usage.

Senior Appointments

Appointment of Commissioner



Princess Theodora Smart was re-appointed to T&TEC's Board of Commissioners on July 1, 2013.

Ms. Smart is a well respected community leader in the Success Laventille area. Her involvement in community affairs includes working with Non-Governmental Organisations, self-help ventures and welfare services.

Ms. Smart is the eighth person to be appointed to the Board. The other eight Commissioners were appointed on May 1, 2013 and were highlighted in the last edition of Watts Happening.

Executive Appointments



Frank Chatee is the Manager of the Public Lighting Department. This appointment was effective from June 1, 2013.

An Electrical Engineer with T&TEC for more than 28 years, Mr. Chatee joined the Commission after completion of the Engineer-in-Training programme in 1983.

His first posting as Engineer II was at Distribution Tobago, subsequent promotions saw him move to the Protection and SCADA Department and Distribution East. In 2001, he was promoted to Technical

Assistant I in Distribution
East. After several stints
as Acting Assistant Area
Manager, at Distribution
East and South, Mr. Chatee
was confirmed as Assistant
Area Manager in 2006 and
assigned to Distribution
Central. He was transferred
to act as the head of the
Public Lighting Department
until his recent confirmation
in this position.

Mr. Chatee has participated in several training programmes including Global Leadership Challenge, Work Re-Design and Industrial Relations for Manager.



Allen Clarke is the new
Manager of the Systems
Control and Generation
Interface Department. This
appointment is effective June 1.

Prior to this appointment
Mr. Clarke was the Senior
Engineer - Planning in the
System Planning and Control
Department. A position he held
since September 2012.

Mr. Clarke joined T&TEC in 1982 as an Engineer-in-Training. He was promoted to Engineer II in 1984, Technical Assistant II in 1990 and Senior Engineer in 1995, before taking up his former position, he also worked in the Office of the Assistant General Manager -Engineering.

Mr. Clarke holds a BSc in Engineering and is a member of the Board of Engineering. During his 31 years at T&TEC, he has attended several courses and seminars including Top Down Requirement Analysis and Electric Utilities Rate making Seminar.



Ashmeed Ali, an Electrical and Computer Engineer with over 16 years experience, was promoted to Assistant Area Manager from June 1, 2013. He is assigned to Distribution East.

Mr. Ali joined T&TEC's
Engineer-in-Training
programme in 1995. Upon
completion, he was appointed
Engineer II at Distribution
East. After ten years and

several promotions in this Area, Mr. Ali was assigned to the Transmission Maintenance Department as a Senior Engineer.

Over his tenure at T&TEC, Mr. Ali has completed training courses and programmes including Contracting and Negotiating Skills, Leadership, Work Re-Design and Project Management.



Kenrick Nigel Bobb was appointed to Assistant Area Manager from January 7, 2013. He is assigned to Distribution North and holds a BSc in Electrical and Computer Engineering, a MSc in Energy Systems and an EMBA, the latter two degrees with Distinctions.

Before his promotion, Mr. Bobb was the Senior Engineer in the Metering Department. He joined T&TEC in 1994 after completing the Engineersin-Training Programme.
Mr. Bobb spent 12 years in various progressive positions in the Protection and SCADA Department before his reassignment to the Metering Department in 2006.

Mr. Bobb has completed additional training in Project Management, Reliability Centered Maintenance and the Analysis and Protection of Power Systems, among others.

T&TEC reports to Parliament

Senior officials from
T&TEC, including Chairman
Susilla Ramkissoon-Mark
and General Manager,
Kelvin Ramsook appeared
before two Parliamentary
committees, the Joint Select
Committee (JSC) and the
Public Accounts Committee
(PAC) on June 21 and July 2
respectively.

The T&TEC team addressed several areas of public interest raised by Committee Members. At the JSC appearance, one of these was the pros and cons of overhead and underground lines. Mr. Ramsook explained that T&TEC encourages housing developers to use the underground option, which is supported by a capital contribution, and is considered a safer and more aesthetically pleasing option than overhead lines.

On the future electricity
needs for the country,
Assistant General Manager
- Engineering, Courtenay
Mark said that T&TEC is
already working on 2018
projections for growth,
which considers factors such
as load forecasting, trend

analysis and policy for reserve generation, usually using a margin of 25% above present demand.

During the PAC appearance, while clarifying electricity rates, including those related to Non-

Governmental Organisations, community centers, churches and schools, Mr. Ramsook informed that rates are approved by the Regulated Industries Commission, not T&TEC. These are generally based on consumption, and are catagorised as residential, commercial or industrial customers.

In response to the topical issue of re-imbursement to customers for faults on equipment and appliances, caused by outages and low voltages, reference was made to the Electricity Supply Rules. Mr. Ramsook informed that T&TEC Act Chapter 54:70 Section 49 (3), clearly indicates the conditions under which the



Commission can be held liable for compensation for damage to appliances. He stated that the Commission will not accept liability for damage due, inter alia, avoidable incidents, overloading and unauthorised connections. He explained that the Commission's standard voltage on the low voltage side is 115/230 plus or minus 6%.

Variation in the voltage may occur for periods of transient faults for milliseconds, which appliances are designed to withstand. Transient are common factors on all electrical grids. To that end, the public was reminded to take appropriate measures to protect sensitive equipment

by using approved protective devices.

Mr. Ramsook also noted that the Risk and Insurance Development has the responsibility for processing customers' damaged appliance claims, including responses to customers.

Role and function of Parliamentary Committees

Special and Joint Select Committees, Legislative Committees

Trinidad and Tobago's
Standing orders allow for
the establishment of Special
and Joint Select Committees
to consider and report on
important issues. Such issues
may be legislative, financial
or investigatory and once
the Committee has reported
to Parliament, the life of the
Committee comes to an end.

By Standing Order 83 of the House of Representatives and 76 of the Senate, the Houses have delegated their powers to 'send for persons, papers and records' to their Committees...."

The operational procedures of these Select Committees allow them wide powers to fully consider their mandates and facilitate an interaction between Members of Parliament and Government officials, interested parties, legal and other professional associations and the general public in deliberations on a wide variety of subjects.

Committees fall into three broad categories as follows:-

- Those of a general nature concerned mainly with the organisation and powers of the House;
- Those assisting the House in its legislative and policy-making functions; and
- Those which act as "watch dogs" over the Executive.

Watchdog Committees

The Constitution of the Republic of Trinidad and Tobago establishes the Public Accounts Committee (PAC) and the Public Accounts
Enterprises Committee
(PAEC). These Committees, in
respective order, are charged
with the responsibility to
examine the appropriation
accounts of moneys granted
by Parliament to meet the
public expenditure of Trinidad
and Tobago and to examine
the audited accounts of all
State Enterprises that are
owned or controlled by the
State.

The PAC therefore examines the audited accounts of Government Ministries and Departments, paying close attention to the comments made by the Auditor General which relate to financial management.

Parliamentary Committee meetings are usually broadcasted live on the Parliamentary Channel.

Taken from the Parliament website:

www.ttparliament.org

T&TEC co-hosts CARILEC conference

Carilec had the assistance of T&TEC, PowerGen and Trinity Power to host its 2013 CARILEC Caribbean Utilities Engineering and Geographic Information System (GIS) Conference from 28 to 31 July in Port of Spain.

Themed "Building Synergies, Leveraging Technology", the event was attended by over 200 utility executives and engineers from 29 countries and was held at the Hyatt Regency Trinidad over four days.

CARILEC, the Caribbean
Electric Utility Corporation, is
an association of electricity
utilities and industry partners
operating in the Caribbean.
Leading the T&TEC team
was Acting General Manager,
Courtenay Mark. Several
engineers were also part of
the official T&TEC delegation
while GIS staff provided
volunteer support.

T&TEC's Thomas Inkim,
Manager, Protection and
SCADA and Software
Developer I, Farrell
Christopher, were among the
conference presenters.



Delegates at the CARILEC Caribbean Utilities Engineering and Geographic Information System (GIS) Conference

Mr. Inkim's presentation on 'Reliability in T&TEC' outlined how systems are designed and operated to monitor and ensure reliability at T&TEC. He described the transmission/generation interdependency process and spoke of contingencies and operational system adjustments undertaken to sustain limits on all system voltages.

Mr. Christopher's 20-minute presentation, 'Leveraging the power of GIS at T&TEC,' gave an overview of the Commission's implementation of the Geographic Information System (GIS).

Giving the historical context, he explained that significant headway has been made since the project started in 2008, towards integrating GIS with other enterprise applications, with benefits to the Commission from the use of geospatial services. Mr. Christopher went on to outline the three phases of T&TEC's spatial development plan, explaining the interconnectivity of each application including the Outage Management System, the Trouble Reporting Programme, the Customer Information System and the Vehicle Tracking System.

Mr. Christopher moderated four sessions on the programme. Curvis Francois, Manager, Distribution Support, moderated two sessions - Data Management for Monitoring and Assessing the Performance of Transformers.

The conference ended in high praise from participants for the presenters and organisers.

What is GIS?

GIS is a method by which utilities, in this case, T&TEC, capture, store, manipulate, analyse and manage geospatially referenced information about their assets. It contains a model of the circuit topology where assets are located and how they are interconnected.

Senior Foremen and Field Supervisors undergo training

T&TEC's Senior Foremen and Field Supervisors are being equipped with the knowledge, skills and attitudes necessary to competently build and lead productive work teams. This is the expectation after they complete a six-week Senior Foreman-in-Training and one-year Field Supervisor-in-Training programmes.

Assistant General Manager – Distribution, Rene Austin, who was present on the first day of training at the Port-of-Spain Training Facility, spoke candidly to participants, pointing out the importance of safety and the need to take their instructions very seriously in light of the huge responsibilities they bear.

Sessions with the 15 Senior Foremenin-Training and 8 Field Supervisors-in-Training will cover topics such as managing accident/near-miss scenes, job costing, OSH compliance, report writing and leadership and team building, all of which will help them efficiently and safely operate and maintain



Rene Austin, T&TEC's AGM – Distribution, as he spoke to participants on the first day of training.

T&TEC's distribution infrastructure.

The Commission expects to repeat these programmes next year as it moves forward with its succession planning policy.

Customer appreciation with a difference

A three-week promotion where customers were encouraged to sign up for T&TEC's latest customer service initiative, the Customer Web Access (CWA), came to an exciting end on July 26, Customer Appreciation Day.

The mix of the two events made for an appreciation day with a difference. On that day, customers who paid their bill in full at any of T&TEC's 17 service centres were presented with customary tokens of appreciation. It was also the last day for the CWA promotion and all customers were encouraged to sign up for a last ditch chance to win the last weekly prize or a grand prize.

According to Commercial

Manager, Irwin Thompson

"...the activities coincided to keep the focus on our customers and increase their awareness of the new service."

Over 800 customers signed up for the service during the promotion and 25 lucky customers in all received prizes. Nerina Garcia-Ramsammy of the Information Services Department was named the winner of a separate employee competition. The grand prize public winners were announced as:

1st place - Janice Baksh 2nd place - James Chang Kit 3rd place - Brian Benjamin

Also receiving accolades and prizes was the Distribution Northern Area for signing up the most customers, 288 in

About the CWA

The Customer Web Access service was launched on February 1, 2013. It is a service which allows customers to manage their T&TEC accounts online. Once registered for the service, customers can access information on their account such as bill balances, due dates, electricity consumption and bill payment histories; and request services and update their personal information.

all, for the CWA promotion. This team was the recipient of an office pizza lime for their hard work.

Below: Annabelle Brasnell, T&TEC's Corporate Communication Manager; Irwin Thompson, Commercial Manager and Charlene John, Senior Commercial Officer, with the winners of the CWA promotion.



Making a difference, more recreation grounds lit



Residents of Morne Diablo, surround the Prime Minister, the Honourable Kamla Persad-Bissessar, as she prepares to switch on the lights to their Ground.



The Prime Minister greets players before the first game under lights at the Dil Mohammed Recreation Ground.

The illumination of recreation grounds at Dil Mohammed and Morne Diablo signaled a new and positive beginning for these two Penal communities and the Prime Minister, the Honourable Kamla Persad-Bissessar was present to mark the occasion with residents. The doubleheader ceremonies took place on August 27 at the grounds.

key speaker at both functions which was attended by Parliamentarians, Councillors and villagers.
Speaking at the first ceremony at Morne Diablo, T&TEC's Chairman, Susilla Ramkissoon-Mark told residents that the new lights are "another example of providing benefits across the country, that allow T&TEC

The Prime Minister was the

to meet its developmental objective, while at the same time, expanding sporting and recreational options."

The second recreation ground at Dil Mohammed was illuminated in a similar manner about an hour and a half later. Referring to the Ryan report on "Young Males and Crime," the Prime Minister, who is also Member of Parliament for the area, said that recreation facilities were being lit across the country to provide youths with an alternative to crime. She told the crowd, which included members of the Morne Diablo Village Council and the Guava Whip Football Club, that sports offer positive opportunities that contribute to the development of communities

and the society at large.

The Prime Minister, surrounded by children and other dignitaries, had the honour of officially switching on the lights to illuminate the two grounds. She also took the time to speak with players of the teams that played exhibition matches after.

The grounds were the fifth and sixth of seven which were illuminated for this quarter, July to September. The other grounds are Guaracara Recreation Ground, Tabaquite; Talparo Recreation Ground; Mulchan Seuchan Recreation Ground, Waterloo; Ato Boldon Recreation Ground, Santa Cruz and Henry Street Recreation Ground, Trincity.

Kids, parents, reminded about the value of education

It has been spoken about, even sung about and, as the speakers at this year's Secondary Entrance Assessment (S.E.A.) Awards reminded guests, "to earn tomorrow you have to learn today."

The value of a strong education was repeatedly articulated at the sixth installment of T&TEC's S.E.A. Awards, which took place on Friday, 23 August at the Northern Area Sports Club. Themed, Passport to your Future, the event honoured

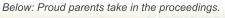
the success of almost 100 children of T&TEC employees.

Feature speaker, Minister of Public Utilities, the Honourable Nizam Baksh, quoted Nelson Mandela saying, "Education is the most powerful weapon which you can use to change the world." He told the children that "it can be as simple as working with an organisation in aid of a worthy cause... [or] starting a business that meets a certain need in your community. However we do it, changing the world is

something that we must all aspire to."

The spotlight on education began with T&TEC's General Manager, Kelvin Ramsook in his welcome remarks. While encouraging the students to "go over, go under, go through, but never give up," he told them that education was a way to get out of challenges like poverty and to build a strong foundation for life.

T&TEC's Chairman, Susilla Ramkissoon-Mark, in





extending her congratulations to all students "on a job well done," expressed that the Commission was happy to "publicly applaud your efforts and show you that regardless of the school you are placed in, your composite score or percentile rank, we are proud of you."

Also included in the programme was motivational speaker, Don La Foucade, who delivered an engaging presentation that covered topics ranging from how to dress to impress, to the use of music as a means of improving their lives. As he gave a personal account of his experience growing up, "it matters not where you come from, it matters where you are going."

In between the speeches were performances by Derron Sandy, a spoken word artiste of The 2 Cents Movement, who did two thought-provoking items; and singer Avinash Maharaj, of the T&TEC Gayatones, who delivered two popular renditions. At the end of the programme, each child received units valued at \$1200 from the Unit Trust Corporation.



The Minister of Public Utilities, the Hon. Nizam Baksh; T&TEC's Chairman, Susilla Ramkissoon-Mark; and T&TEC's General Manager, Kelvin Ramsook, with T&TEC's top performing SEA girl, Sarah-Lee Kassie, daughter of Ramesh Kassie, Security Officer attached to Mt. Hope. Missing is top performing SEA boy, Malik Stafford, son of Orie Taylor, Corporate Communications Assistant of Distribution North.

Happy Birthday to a T&TEC centenarian

Mr. Alfred Olton, exemployee and T&TEC pensioner, celebrated his centennial birthday on September 11 with family and friends, and a spectacular birthday cake from the T&TEC Family!

Mr. Olton worked at the Commission's Northern Area for thirty-two years. Judging from the copies of Watts Happening near his coffee table, Mr. Olton's interest in the organisation has not waned!

At 100 years old, Mr. Olton remains a live wire, telling jokes, making up rhymes and delivering a mean extempo.

Congratulations Mr. Olton on this very special birthday!



Emancipation competition showcased "D African in we"



Left: Employees of Distribution East perform their routine for the dance segment of the competition.

Infectious African music filled the auditorium at Trinity College East, as the T&TEC African Emancipation Committee brought the curtains down on their 2013 Emancipation celebrations with a highly entertaining gala talent competition on August 17.

Spectators, including the General Manager, Kelvin Ramsook and Chief Alagba Agbayegun Ifa Tayese who performed the libation, were treated to the best of African talent within the Commission from performances by employees representing T&TEC's Areas/locations.

Drummers summoned the spirit of the ancestors at the start of the competition, with the rhythms of the bele and

calypso drawing all to the action on stage. Talented employees competed in five categories – calypso, song, dance, drums and pan – that showcased the theme, "D African in We."

Once the contest began, it was a steady flow of music and dance to satisfy the audience's appetite for African entertainment.

Crowd favourites included Distribution Tobago's Michael Jackson-inspired performance in the African song category, and a polished presentation by Mt. Hope in the dance category that belied the fact that they were employees, not professional dancers.

In the calypso segment, in house calypso bards revealed their stage dynamism in

the artform. Calypsos also featured in the pan segment as many employees selected to play calypso medleys to show off their musical aptitude on the national instrument.

In the end, Distribution
Tobago proved the most
outstanding area, winning
three out of the five
categories – drums, featuring
a five-piece ensemble; pan,
with pannist Michael Toby
and calypso done by Dionne
Nicola Philip. Tobago also
took second place in the song
and dance categories, won
by Joy Wilson-Peterson of
Distribution South and Mt.
Hope, respectively.

Other activities of the committee after the launch on July 18, were the customary panel discussion on July 25 and a novel event in Tobago on August 8 – an Emancipation Seaside Village showcasing African arts and crafts and talent.

Doing our part to improve the lives of others

"The act of giving charity lies at the heart of Islam ...in order to alleviate poverty and suffering," T&TEC Commissioner, Shaheed Mohammed told guests at T&TEC's annual Eid celebrations. He noted that this philosophy had inspired the Commission's Islamic Committee in selecting the theme for this year, "Embracing and Enhancing Communities."

The celebrations were held on Saturday 7, September at the ASJA Markaz compound, which was transformed for the occasion with a petting zoo, bouncy castles, face painting, health clinic, mehindi art and other activities.

The atmosphere was festive but subdued in keeping with the religious tone of the event. Nevertheless, residents of some of the eight institutions, which were adopted by teams of T&TEC employees as part of their charitable projects, were present to enjoy the festivities, as they ran from one activity to another, fueled by abundant snacks. At their homes, the living conditions have been vastly improved due to the funding of T&TEC and the work of volunteer employees.

Remarks by the Honourable Nizam Baksh, Minister of Public Utilities and



Guests participating in some of the activities

Commissioner Mohammed, both members of the Islamic faith, expounded on teachings from the Quran. They urged everyone, especially the volunteers, to continue to give to the poor and help those in need, to continue to give of time and goodwill to their fellowman. In the same vein, Brother Amir Khan, employee and feature speaker, told the guests that by doing so "we will help to brighten the lives of others and the world".

T&TEC's General
Manager, Kelvin Ramsook
congratulated the Islamic
Committee, led by Chairman
Haseeb Ali, and thanked
them for assisting in the
Commission's efforts to give
back to the communities it
operates in.

The evening ended with dinner for all guests and more games for the children.

The full list of institutions are:

- Sunny Vale in Aranguez

 a home for persons with cerebral palsy and senior citizens;
- Charis Christian Academy for Autistic children in Trincity;
- Datta Home for the Aged in Arima;
- Chaguanas Old Age Home;
- Two underprivileged families in Penal;
- Islamic Home for the Aged in Hindustan which cares for mentally challenged persons;
- Ezekiel Home for Abandoned Children in Couva
- Marie's Home for the Aged in Spring Garden, Tobago.

Extra hands are always welcomed, so anyone wishing to help, please contact Haseeb Ali at the Registry Section, Head Office.

Employee Profiles

Darriel Mungal



Darriel Mungal, Senior Instructor at the Penal Technical Training Facility was the recipient of one of the Human Resources Division's Best Performing Employee Awards for 2012.

Considered the 'newcomer' among Instructors, Mr.
Mungal joined T&TEC eight years ago when the technical training programme was going through a renaissance.
He remembers "This was a hectic time; I had to set up and acquaint myself with new equipment in preparation for an intake of trainees."

In 2005, the Penal Training Facility (formerly called the Penal Trade School) was the first of the three T&TEC facilities to utilise the restructured and

upgraded competencebased training programme. Of his experience at that time, Mr. Mungal said "I was proud to be a part of this historic event and to teach under a new curriculum... specially designed to meet the objectives of the Commission. It is the reason I joined the Commission. "

Mr. Mungal holds a Bachelors Degree in Engineering and a Diploma in Mechanical Engineering Technology. He is also a former instructor at the Metal Industries Company Limited. This combination of training and experience has aided Mr. Mungal in providing a good training base for substation electricians. He views his iob as dynamic, since "substations are functionally the same but operationally different."

Mr. Mungal has always been interested in teaching and is not daunted by the challenges that each class brings, "Dealing with different personalities can test you, but it is never boring. At the Training Facilities, I am responsible for providing the knowledge

to shape the Trainees into accomplishing the mission."

As a Senior Instructor, Mr. Mungal contributes to the development of the T&TEC trainee, from the day they enter to completion of the training programme. Trainees enter four months of core training and then specialise in one of two areas, either substation electrician or linesman. After seven months, trainees 'go into the field', at which time Mr. Mungal's involvement might lessen, but not diminish. "It's a proud moment to see the young people graduate and get into the work stream of T&TEC," Mr. Mungal said.

In response to being named a Best Performing Employee, Mr. Mungal said, "It is good to be recognised, but I do what comes naturally to me, I like working with young people. I like to teach, this is my motivation."

Dexter Delancy



Humble and hardworking are words that are instrumental in shaping the life and career of Dexter Delancy, Stores
Assistant at T&TEC.

Watts Happening met with Mr. Delancy, a Tobagonian with over 28 years service, at Distribution Tobago's area office in Scarborough. The visit gave him a welcomed break from the noisy Cove Power Station where he is assigned to the Stores Department.

At Cove, one of his main duties is to receive the diesel supply from National Petroleum and new lube oil for the power station machinery. Although the power station is transitioning

from diesel to natural gas, these tasks still occupy a substantive amount of his attention as diesel will continue as the backup fuel supply. Mr. Delancy also receives materials like engine parts and personal protective equipment supplies and monitors levels of waste oil collected in the 'oily-water' tank to avoid environmental leaks.

To some, the workload may seem substantial, but for Mr. Delancy, it is all about how you apply yourself. "I try to draw on my strengths and let my work speak for itself," he said, "so although I may have weaknesses in one area, I won't let it stop me from being the best employee I can be."

This pragmatic approach to work has certainly positioned him for a long, fruitful career in the Commission, which started in 1984 as a Labourer in the Mechanical Department. Two years later, he was assigned to the Stores Department before being promoted to

Dispatcher, then again to his current position of Stores Assistant. He has also acted as Storekeeper I.

A product of the Tobago
Training Facility, Mr. Delancy
acknowledges the support of
past and present employees
in his T&TEC journey,
"These people have taught
me financial responsibility,
to be humble, appreciate
people, tell the truth and to
be God-fearing. They helped
shape me into the man I am
today."

Dexter Delancy, one of
Distribution Tobago's Best
Performing Employees
for 2012, has been able
to successfully merge his
commitment to his job with
his priorities at home. Always
upbeat and singing, he said
with a smile, "The sacrifice
has paid off."

T&TEC Nada Sangama trains a new generation



Young players go through their paces

Twelve young players are benefiting from pan classes courtesy T&TEC's Nada Sangama Steel Orchestra as part of the band's strategy to cater for the future generation of pan players.

According to Band Manager, Antony Ramnarine, the free Saturday classes started in March this year with eight young people, ranging from ages six to twelve, solicited from the neighbourhoods in the orchestra's home base in Tunapuna. Since then, "there has been a continuous increase in numbers and class hours," Mr. Ramnarine said.

The young players are tutored by Ralph Winters, a University of Trinidad and Tobago graduate in pan music and utilise the instruments provided by sponsor T&TEC.

The programme is open to all young people interested in

learning to play the national instrument and becoming a part of an orchestra that is known for its musical diversity.

And your word is.... T&TEC TAHSO hosts spelling bee

It's a word used by the military, meaning "temporary living quarters specially built by the army for soldiers". But how do you spell it? For young Shanifa, a finalist in the eleven to thirteen age category at T&TEC Tropical Angel Harps Steel Orchestra's annual spelling bee on July 21, it was a difficult task and, after several failed attempts at trying the phonetic spelling based on the announcer's repeated pronunciation, she asked, smiling, politely "can you spell the word please?" The laughter from the audience and judges broke the tension as Shanifa was knocked out of the competition, but the respite was welcomed.

This seventh installation of the competition, held at the pan theatre in Enterprise, Chaguanas was a twoday affair where over 100 children vied to be one of 10 finalists in the four age categories. Each year, former teachers from the community give of their time to develop the spellings lists and judge the competition, assisted by senior band members. It's



A participant in the six to seven category gives her best shot during the competition.

clearly a labour of love as they patiently guide the children through the rounds. As band manager, Clarry Benn explained, the event is eagerly anticipated by the children and their parents, especially since it provides a positive outlet for the children in this maligned community. All participants received a certificate and school supplies and each winner received a trophy and cash prize.

At the finals, competitors solemnly took their seats in front the judges in response to their name being called, then each stood at the microphone to spell their

given word. The six to seven age category, went 19 rounds as they sped through words ranging in difficulty from 'because' to 'Longdenville". They eventually ended the rounds with words from the more difficult supplemental list. With one round less, the eight to ten-year category, tested their ability to spell words like spores, semitone, larynx and Dimanche Gras.

Occasionally, a quick glance of triumph would pass between spectating parent and child after they correctly spelled a word. The low moments came when nerves

continued on page 24

And your word is.... T&TEC TAHSO hosts spelling bee (cont'd)

overcame some and they froze or broke down in tears after misspelling a word.
But, with two minutes to try to get the correct spelling, each competitor had a good chance at the prize.

As the competitors got older their confidence was more apparent, and in the eleven to thirteen age category none of the 10 finalists sought validation from the audience as they went through derelict, epidemiologist, chrysanthemum and other "harder" words. By the time the fourteen to seventeen year-olds met the judges the words tested some of their efforts to "sound it out" and resulted in some stumbling on ones like coccyx, dactyl, and coiffure. In the end it came down to Antonio and Nyoka and the words leucocytes and mellifluous. The tussle with the words went for almost the fully

allotted time but as Nyoka timed out, Antonio topped the round, spelling mellifluous correctly.

Now, how do you spell that military word? B-i-v-o-u-a-c! (pronounced bi-voo,ak or biv,wak)



T&TEC mourns the passing of Consumer Investigator, Ralph Andrew Quashie, who departed this life under tragic circumstances on June 25, 2013.

Mr. Quashie was a T&TEC stalwart, having spent over 36 years at the Commission. He was a former Trade

T&TEC mourns the passing of Ralph Quashie

School Instructor, earning him the nickname "Teach."

Mr. Quashie left to mourn his wife, Joanne, daughter Karimah and son Kereem.

Those who loved him filled the Montrose Wesleyan Holiness Church to capacity at his funeral service on July 2.

Friend, Ruthvin 'Charlo' Charles, paid tribute to the chief organiser for most of their 'limes' and a man who was 'master of his trade' at T&TEC.

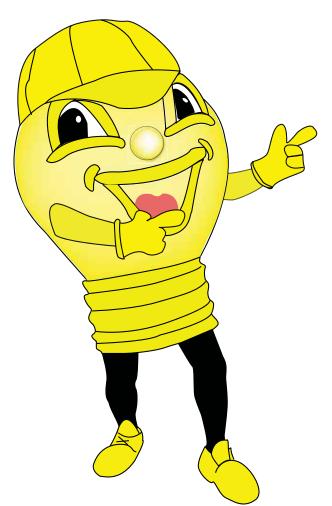
T&TEC's General Manager,
Kelvin Ramsook, who worked
with both the senior and
junior Quashies, was unable
to attend the service, but in
a message from him, read by
Corporate Communications
Manager, Annabelle Brasnell,
he said that "Ralph Quashie
will always be remembered
for his hard work in the
training facility for many
years to come."

May Ralph Quashie, a man of many hats; rest in Peace.



Here are some energy-saving tips that will reduce your electricity usage, save you money and contribute to the protection of mother earth and the environment.

- **Lights out** make sure you always turn the light off when you are the last one to leave a room at home or school.
- Pack an 'Eco' Lunch Pack your lunch using reusable containers instead of plastic wrappers or bags.
- **Turn, turn** Turn off and unplug stereos, radios, TVs, DVDs, and audio systems when you leave for long periods of time. These appliances have a standby function that uses energy even when they are turned off.
- **Game Over** make sure your video games and computers are off before you leave the house. These electronic devices use a lot of energy.



- **Smart Supplies** at school, use both sides of the paper. Also use supplies that are made from recyclable material.
- Trash, Trash Remember the three "R's" Reduce, Reuse, Recycle. Put bottles, newspapers and soft drink cans in your recycling bins.
- Be a smart shopper when you are out shopping with an adult, look for items that have a recycle logo or have an energy star.
- Decide before you open Decide what you want from the refrigerator or freezer before you open them so you won't waste electricity with the doors open while you decide.
- Light up smarter Use one large light bulb instead of a few small ones - 100 watt bulbs uses less energy than two 60 watt bulbs.

Employee Update

Appointments, Promotions, Moving On and Accomplishments

PROMOTIONS

NAME

Ainsley Jackman Alvin Ramsingh Anderson Rojas Andy Khan Ashram Sankar Augustus Thompson Azaad Mohammed Balram Jaikaran **Barry Nunes** Bernard Lewis **Brent Tobias** Chris Seemungal Christopher Goodridge Clive Scantleberry Curtis Ellis Darin Boochoon **Denroy Peters** Desmond Marshall Edward Clarke

Felix Coryat Francis Villafana Ghansham Deepoo **Hemant Dharamdass** Jason Chin Sang John Deyalsingh Junior Baptiste Justin Lee Son Karryl Jeffrey Keesha Brown-Andrews Kerry Subero Kerwin Gardiner Kevin Seebachan Khemraj Harrinarine Larry Goodridge Lester Seepersad Marcus Johnson Marlon Duncan Marsha John

Marvin Boochoon Michael Jennings Michael Ramesar Mitra Ramkissoon Mustaque Ghany Nadia Moore Nichelle Jagdeo

POSITION

Field Controller Maintenance Technician II Customer Services Officer Crew Foreman Senior Foreman-In-Training Crew Foreman Senior Foreman-In-Training Ganger Maintenance Technician II Crew Foreman Linesman 'B' (Hotline) Senior Foreman-In-Training Maintenance Technician II Senior Foreman-In-Training Crew Foreman Technical Assistant III Senior Foreman-In-Training Crew Foreman System Control & Generation Interface Manager Substation Foreman Maintenance Technician II Senior Foreman-In-Training Internal Audit Assistant Technical Assistant II Cable Supervisor Electrician 'A' Maintenance Technician II Clerk Typist Clerk Typist Maintenance Technician II Clerk II Welder/Fitter (Dist.)

Technical Assistant I Linesman 'B' Meter & Relay Mechanic I Clerk II Consumers Investigator Clerk I Systems Analyst III

Maintenance Technician II

Substation Foreman

Crew Foreman

Crew Foreman

Senior Engineer

Mechanic 'B'

AREA/ DEPARTMENT

Distribution Central Distribution South Distribution North Distribution South **Human Resources** Distribution South **Human Resources** Supplies Distribution North Distribution South Distribution East **Human Resources** Distribution North **Human Resources** Distribution South Communications Distribution North Distribution South System Control & Generation Interface

Distribution East
Distribution North
Human Resources
Internal Audit
Protection & SCADA
Distribution North
Distribution East
Distribution North
System Planning & Research

AGM - Finance Distribution South Distribution East Distribution North Distribution South Distribution East Distribution South Distribution North

Distribution South

Transmission Development & Engineering Services Protection & SCADA

Distribution Central Metering Services Industrial Relations Distribution South Distribution North Information Systems



Nirmal Rajkumar

Norman Bobb Rajesh Jairam Ramdath Bissessar Reginald Agard Rene Labban Reuben George Richard John Richard Harripersad Rodney Sahai Roland Bernard Roland Ramberan Ronald Joseph Russel Graham Ryan Maharaj Sabrina Balraj Sean Teleford Sham Surujbally Sheldon Webster Starrel Hosein Stefan Shairsingh Stephen Persad Suresh Rambocas Tarran Ramsook Terri Osborne

Transport Labourer/Lorry Loader/

Lift Combination
Senior Foreman-In-Training
Maintenance Technician II
Senior Foreman-In-Training
Maintenance Technician II
Systems Analyst II

Climber / Line Clearer

Linesman 'A' Mechanic 'A'

Maintenance Technician II Senior Foreman-In-Training Senior Foreman-In-Training Senior Foreman-In-Training Systems Analyst III

Senior Foreman-In-Training

Senior Clerk

Senior Foreman-In-Training

Crew Foreman

Communications Technician I

Electrician 'A' Senior Clerk Clerk II

Maintenance Technician II

Crew Foreman Senior Clerk

Senior Foreman-In-Training

Distribution Central

Human Resources Distribution East **Human Resources** Distribution North Information Systems Distribution North Distribution South Distribution North Distribution North **Human Resources Human Resources Human Resource Information Systems Human Resources** Internal Audit Human Resource **Distribution South** Communications Distribution East Internal Audit Distribution North Distribution North Distribution South Internal Audit **Human Resources**

MOVING ON

Tyrel Kallidas

NAME

Albert Best
Carlyle Clarke
Clyde Nelson
Gregory Thomas
Jaganauth Boochoon
Janice Carter
Jennifer Leslie
Mitra Charles
Roger Joseph
Sita Alibocus
Stephen Abraham
Trevor Noray

POSITION

Consumers Investigator
Senior Instructor
Crew Foreman
Estate Constable
Driver - Lorry Loader/Lift Combination
Administrative Assistant II
Customer Services Officer
Line Foreman
Internal Audit Assistant
Subsection Leader
Communications Technician I
Line Foreman

AREA/DEPARTMENT

Distribution East

AGM – Distribution
Distribution South
Security
Distribution South
AGM – Administration
Distribution North
Distribution South
Internal Audit
Distribution Central
Communications
Distribution Tobago

Fun Page - Spot the difference

Can you spot the 10 differences in this photo?



1.	 6.	
2.	7.	
3.	 8.	
4.	9.	
5	10	

A few good things

Sparking discussions

Now that school has reopened, and we have all adjusted to 'normal' life, and could be easily distracted by the things that must get done and affect our connection with our children.

To stay in touch with your child, these are some prompter questions that could be helpful after a day at school.

- What does your teacher have planned this week?
- What are you looking forward to at school tomorrow?
- What was your favorite part of the day?
- Did you get frustrated with anything at school today?
- Were you able to finish all of your work today?
- Do you have any questions that maybe your teacher couldn't answer?
- What did you have for lunch (or snack)?
- Who did you sit by during lunch? What did you all talk about?
- Who did you play with today?
- What are your friends doing this weekend?

And for the young ones:

- Which story did your teacher read to the class today?
- What was your favorite part of the story?
- What was [insert another child's name] favorite part of the story?

Craft for kids

Try this homemade card....

- Step 1: Cut three sizes of circles using different colour paper.
- Step 2: Crumple the circles to give the flowers a little bit of a 3D effect and to look like flower petals.
- Step 3: Stack them one large, one medium and then a small and glue them together.
- Step 4: Glue on a button on the middle of the flower.
- Step 5: Draw stems, leaves and grass onto folded paper
- Step 6: Glue the flower to the stems to finish off the cards!



Beach football and Cookout



The Tobago Sports Club and TATECO Credit Union took the top honours at the General Sports and Cultural Club's 11th annual Hubert Maingot 5-a-side Beach Football and Cookout competition.

Held on July 13 at Maracas Beach, the cookout competition featured a surprise menu of sancoche (Caribbean soup) and curry crab with dumplings and provisions, while the football competition was, as usual, a keen contest among the nine teams. The final results are below:

Beach Football:

1st Place - Tobago Sports Club

2nd Place - TATECO Credit Union Co-Op Society Ltd. (Police)

Cookout:

1st Place - TATECO Credit Union Co-Op Society Ltd.

2nd Place - Northern Area Sports Club

3rd Place - Southern Area Sports and Cultural Club

Best Sancoche - TATECO Credit Union Co-Op Society Ltd.

Best Curry Crab/

Dumpling/Provision - Tobago Sports Club

Best Team Spirit - Northern Area Sports Club

Best Decorated Tent - TATECO Credit Union Co-Op Society Ltd.

MPU Cookout

T&TEC participated in the Ministry of Public Utilities' 2nd Biennial Cook-Out and Family Day on June 23 at the Valencia Eco Resort. Team T&TEC comprised members of the Central, Mt. Hope and Northern Area Sports Clubs and won the prize for best decorated tent and overall presentation.







The following are excerpts of some letters and emails that have been received over the last quarter.

March 19, 2013

I wish to express my gratitude to the Commission for having employees who are perfect examples of T&TEC's new Vision and Mission, in the area of excellence in Customer Service and the empowerment of employees committed to excellence and customer satisfaction.

This was exemplified in my interaction with two of your employees, Mr.
Mustaque Ghany of Utilization Department, San Fernando and Ms. Rochelle O'Garoo of Rio Claro.

They truly depict T&TEC's new Vision and Mission by their ability to express a very cordial, business like and most comfortable atmosphere in the conducting of T&TEC's business.

I would like to congratulate both persons and yourself for leading an excellent team of employees.

Vernon Paul Mayaro

July 27, 2013

I wish to sincerely commend the Commission for your response to my letter.

Your prompt response suggested to me genuine concern, which was evident by the follow-up work done by the crew.

I would like to thank
the crew that visited my
residence on Labour Day.
They were very amenable
and the work they did went
beyond the call of duty.

Thanks guys.
Yours respectfully
Hayzel Brathwaithe
St. Joseph

September 10, 2013

Mr. Kelvin Ramsook, General Manager, T&TEC

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I would like to formally express my thanks and appreciation to the T&TEC team for their prompt attention and good service in resolving a recent issue.

On April 17, I submitted a claim to the Commission for

damages to my refrigerator.

On September 5, I received a reimbursement cheque.

The service display by your team was exceptional, from the crew that visited my home to the person who completed my transaction, each represented T&TEC well and must be commended for their sterling effort. I would like to thank the following individuals with whom I liaised throughout the process:

- Mahenda Hital
- Harold Julien
- Nicole Alexander
- John Mackay
- Kersha Williams
- Placidus Vance and the 752 Crew

These employees, from different Departments
[Distribution East and Risk and Insurance] really showed excellent team work and communication. I felt valued as a customer and the genuine interest from your staff truly supported your Vision.

With best wishes Anouska Sammy



Onap shots of Illuminations over the last quarter...

