

# SARPA CONVENTION PROGRAMME

## HOSTED BY THE CITY OF POLOKWANE

**THURSDAY, 21 JULY 2011**

<b>Time</b>	<b>Title</b>	<b>Speaker</b>	<b>Contents</b>
09:00	Welcome by President	Malesela Lelaka SARPA President	
09:15	Welcome from the Host City	Cllr P J Modikoa, City of Polokwane	
09:30	<b>Keynote Address</b>		
10:15	Presidential Handover	Malesela Lelaka	
10:20	Welcome by Incoming President	William Olivier	
<b>10:30</b>	<b>REFRESHMENTS</b>		
	<b>REVENUE MANAGEMENT</b>		
11:00	Utilities working together towards sustainability	Greg Stopford, City of Cape Town & Rens Bindeman, SARPA	An overview of the SARPA Revenue Recovery Project. We will first of all focus on what is the Goal of this very interesting project and secondly on how are we progressing with the development of the "SARPA Revenue Recovery Toolkit". We will also highlight what has been achieved in the pilot sites up to date and what does the future Action Plan look like.
11:30	The interface between financial and sector regulation compliance towards sustainability	Solly Selewa, Department of Water Affairs	Water services regulatory compliance requirements versus financial compliance informing overall sustainability. Financial sustainability cannot be attained when surety of supply at appropriate tariff with related service standards cannot be secured. The focus will be on Water Service Authorities in South Africa.
12:00	The effect of a systems approach in the stabilization and turnaround from collapse towards sustainability of King Sabata Dalindyebo Municipality	Louis van der Merwe and Gideon Mashile, Development Bank of South Africa	Intervention in the technical and financial aspects of a troubled local government is mostly a sound entry point, but a productive and sustained turnaround requires attention to the Social environment and to the Business Processes. The paper will explain the strategy and reflect on successes and lessons learned in King Sabata Dalindyebo Municipality.
12:30	Gaps identified in using legislation/ policies and existing by laws in fighting loss of revenue	Fikile Manqele, eThekweni Electricity Department	Ethekweni Electricity experience and gaps identified using legislation/ policies and existing by laws in fighting loss of electricity revenue, due to illegal connection, tampering and damaging electrical supply infrastructure.
<b>13:00</b>	<b>LUNCH</b>		
	<b>DATA TECHNOLOGY</b>		
14:00	The Role of Smart Metering Systems in Revenue Protection	James Calmeyer, Strike Technologies (Pty) Ltd	The Electricity Regulations Act of 2006 specifies that all end-users with a monthly usage of 500 kWh or more need to be on smart metering systems by January 2012. This is expected to represent substantial revenue growth in the electricity meter market. Will this commitment by Utilities towards implementing smart metering systems yield the benefits they were intended for and will they help to protect the revenue collection of these Utilities? This paper will seek to address these questions and look at the various technological alternatives available.

14:30	How will new technology change the revenue protection processes in the future?	Kobus van den Berg, NETGroup	A glance into the future and highlight the skills and processes required in to manage revenue losses using smart metering systems. RP operators currently make use of basically trained inspectors to perform physical inspections and do basic checks on meters. SM audits will require a totally different breed of audit and much more specialized skills. How do we prepare for this situation?
15:00	Ghost Vending- an overview	Erik Saayman, Itron	Ghost vending refers to the illegal practice of selling credit tokens to pre-paid clients from rogue vending stations not affiliated with the supply utility. The rogue vendors retain all the proceeds of this illegal activity, leading to significant revenue losses for the utilities affected.
<b>15:30</b>	<b>REFRESHMENTS</b>		
16:00	Reactive and proactive metering solutions for revenue protection	Ian Robinson, Hi Tech Metering Solutions	The "reactive" standard technical solutions for both prepayment meters (STS compliant) as well as credit meters, incorporating standard anti-tampering features such as a meter cover opening sensor, a meter terminal cover opening sensor, a magnetic field sensor and a differential current sensor to measure the current difference between current flowing in the phase and neutral wires for both single-phase and polyphase meters.
16:30	Current and voltage monitor system	Rudi Kleinhans, Eskom NWR	The need to verify energy consumption and revenue in rural areas is for long an outstanding item. Most of the time transformers will fail due to overloading and unbalances. These transformers are not visible to the Control Centre and can cause long duration outages. The Current and Voltage Monitor System will detect Over Current and Over Voltage situations. kWh and kVA readings can be used to verify the maximum load and to compare revenue.
<b>17:00</b>	<b>DAY CLOSURE</b>		
<b>19:00</b>	<b>CIVIC RECEPTION - PETER MOKABA STADIUM, POLOKWANE</b>		

<b>FRIDAY, 22 JULY 2011</b>			
<b>08:00</b>	<b>REGISTRATION AND REFRESHMENTS</b>		
	<b>DATA MANAGEMENT</b>		
09:00	No More Excuses – Using Mobile Phones To Report Suspicions Of Electricity Theft Online	Itzick Michaeli, Israel Electric Corporation	The idea of elimination of most common excuses for not reporting suspicions of theft, was the main focus, while developing this friendly report application, that is already being used by hundreds of Israel Electric employees.
09:30	Data management in local government	Eric Mpofo, Tau Group	Data Management is a broad field of study, but essentially is the process of managing data as a resource that is valuable to an organization or business. Data management is the process of developing data architectures, practices and procedures and dealing with data and then executing these aspects on a regular basis. This paper will focus on data modelling, data warehousing, data movement, database administration and data mining.

10:00	Failing to measure means failing to manage	Rudi Leitner, Touchwork (Pty) Ltd	Using low cost mobile phone technology and the Survey Thumb application to collect data 'everywhere' in order to improve audit quality, accountability and operational efficiency.
<b>10:30</b>	<b>REFRESHMENTS</b>		
	<b>NON-FERROUS THEFT</b>		
11:00	Copper cable theft and the Easter Cape Provincial Strategy to fight it	Brigadier Galawe, South African Police Service	The Perspective of the South African Police Service in the Eastern Cape on copper cable theft and the Provincial Strategy to fight it.
11:30	SACCI Copper Theft Barometer	Neren Rau, CEO, The South African Chamber of Commerce and Industry (SACCI)	Copper cable theft is a crime that is costing South Africa approximately R5 billion per annum. Due to the nature and severity of the issues pertinent to copper cable theft, SACCI felt it imperative to investigate the matter further and establish a tool to monitor the level of cable theft regularly. This investigation led to the formation of SACCI's Copper Cable Theft Barometer, which represents the cost of cable theft as experienced by Transnet, Eskom, and Telkom.
12:00	How to address copper (Non Ferrous Metal) thefts in your environment	Roy Robertson, Combined Private Investigations	Guidance on how an intelligence driven operation can reduce non-ferrous metal theft and will also highlight the different methods of addressing the scrap market on the highest level. It will focus on how technologies can be utilized to detect and record thefts, the concept of focusing on hot spot trends, utilization of task teams to apprehend the suspects and the overseeing of court cases by experienced in-house legal advisors (Ex Prosecutors).
12:30	10 million metres ahead in cable theft prevention	Andrew Mabena, CBI-electric: African Cables	Electric cable theft is a scourge that is costing the South African economy billions of rands each year. As a consequence of cable theft, many consumers experience power interruptions or are left without power for several hours when utilities have to replace stolen sections of the circuit.
13:30	Feedback on Operation Khanyisa and its sub-campaigns	Maboe Maphaka, Eskom Distribution in conjunction with EON Consulting	The purpose of the paper is to provide SARPA with an update of Eskom's Energy Losses management public communication campaign, Operation Khanyisa, and its associated sub-campaigns including: <ul style="list-style-type: none"> <li>- Partners aligned to the campaign</li> <li>- Tip offs via CrimeLine and Eskom</li> <li>- Pilot Sites</li> </ul>
<b>13:30</b>	<b>MEMBERS FORUM AND CLOSURE</b>		
<b>14:30</b>	<b>LIGHT LUNCH</b>		

