Date: 15 June 2022

QUESTION		ANSWER	
1.	Is it possible to get more information about	Eskom is currently working on the	
	hybrid solar Photovoltaic (PV) and battery	installation process, information will be	
	installation?	shared at a later stage.	
2.	How will Eskom policy, etc. translate into	• Yes, there is collaboration. Eskom is part of	
	municipal opportunities, processes, and costs?	the German exchange programme that is	
	Is there collaboration with municipalities?	currently assisting municipalities and the	
		broader renewable industry.	
3.	In the case of the Medium Voltage (MV)	No. An MV-connected generator does not	
	connection, will the plate rating <= 75% of	have a cap, but it will depend on the	
	Notified Maximum Demand (NMD) still apply?	technical evaluation of the network for that	
		point of connection.	
4.	When will Eskom allow customers on shared	 Shared network applications are currently 	
	Low Voltage (LV) networks to install grid-tied	dealt with on a case-by-case basis where a	
	Small-Scale Embedded Generators (SSEG), for	time-of-use (TOU) tariff is available.	
	example, as the City of Cape Town does?		
5.	Can I just confirm if you need to do a tariff	Yes, currently it is a parallel process where	
	change or an NMD upgrade? Can you add this	Eskom quotes separately for an electrical	
	to the SSEG application (to form one	load application as well as for the SSEG	
	application) because currently, I must compile:	application.	
•	the application for electricity form		
•	then apply for the SSEG application , even if		
	the SSEG application form provides these		
	changes?		
6.	What happens to banked energy on 31 March?	 It is written off. Their banking only allows 	
		you to build up "credits" until 31 March each	
		year. Any balance of credits at that point will	
		expire and be "lost".	
7.	Which TOU tariffs are available for residential	 Eskom has submitted a tariff proposal for 	
	customers?	residential TOU to NERSA. We are still	
		awaiting a response. In the meantime,	

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	when we do allow residential customers
	TOU connections, this will be for their use
	only.
8. Why did Eskom limit the banking of energy to	 Banking is a very special concession we
generators up to 1 Mega Volt Ampere (MVA)?	give for small plants, where we believe we
What was the reasoning behind the 1 MVA	can manage the network and System
restriction?	Operator implications. Increasing the size
	may have unintended consequences from a
	network, revenue and cash flow perspective
	and management of the Distribution and
	Transmission system.
9. When we submit applications for upgrades or	 A quotation for both can be submitted
tariff conversions, why can't we get both	simultaneously. You must note, however,
quotations so that the customer can make an	that a fee is payable for the SSEG
informed decision to continue? Eskom forces a	quotation. This fee is non-refundable. So, if
customer to spend money to pay for the	you decide you do not want to proceed with
upgrade or conversion prior to processing the	the project, you will not be able to claim
SSEG application. This poses a risk that the	back this fee. If you apply for the tariff
customer might not be approved for export	change, upgrade or conversion, this work is
because Eskom takes six months or more to	done on the load connection side and the
complete a conversion or upgrade. The risk to	quotation is usually free. Eskom would,
Eskom, should the SSEG not be approved after	however, advise that when you submit the
the upgrade or conversion is completed, is that	application for a tariff change, an upgrade,
the customer might be placed on the previous	or a conversion, you clearly state that this is
tariff. Will Eskom carry the cost?	in response to the future connection of a
	generator facility. This risk remains with the
	applicants if they want to submit the
	applications for quotations in parallel
	(simultaneously).
10. Does Eskom allow the consolidation of five	 Eskom has specific rules for account
supplies and export as well? In other words, five	consolidation, and these must first be
points that will cater for all points.	adhered to, for example, the accounts must
	be for the same customer class (large
	power or small power).

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	 Eskom has not yet opened the window for residential applications as we are currently preparing the resources that would manage this space. We may, on an ad hoc basis, allow an application to be processed if there is sufficient motivation to support it beyond the scope of the allowed window. If a farm has small power points and large power points, unfortunately, Eskom will not be able to consolidate across the customer classes.
11. Just to confirm: I know that the application is	 If the cost of the upgrade exceeds R1
free for a tariff change, but the client gets a	million or the size of the upgrade exceeds 1
quotation for the meter change, etc. Will this still	MVA, the quotation will not be free.
apply if Eskom now installs the new	
meter/upgrade metering kiosk because it is an	
Eskom requirement, or will the client still pay for	
the work to be done? And why does the client	
have to get his electrician to switch the system	
on after Eskom has made the changes? Why	
does Eskom not make the changes? I had an	
NMD upgrade and Eskom made the changes	
but why was the customer left without power	
until his electrician could come out to the site?	
12. Why is SANS 10142-1-2 listed? Has it not been	 SSEG is not covered in the current
published?	standard SANS 10142-1 (wiring of premises
	for low-voltage installations) and therefore
	Eskom has established an EGI Report as
	an interim solution to include the
	compliance of an installation of SSEG while
	awaiting the publication of SANS 10142-1-2
	(The Wiring of Premises – Part 1-2:
	Additional special requirement for low-

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	voltage, small-scale embedded generator
	installation connected in parallel with the
	normal supply).
13. What are the geographical limits for	• Yes, it is possible, but it will be dealt with on
consolidation? Can you consolidate over two	a case-by-case basis. There are specific
different stands (<i>Erfs</i>) or buildings within the	rules for consolidation.
same area?	The current rules for account consolidation
	are that accounts must be inside the same
	provincial boundary, on the same feeder
	line, in the same customer class (large
	power user or small power user) and under
	the same TOU tariff.
14. The grid-tied inverter is required to be NRS097-	The NRS097 document provides guidelines
2-1 compliant, that is, anti-islanding and two	for the industry. However, safety
series-connected contacts to ensure isolation	considerations for Eskom's staff members,
from the grid. Despite this, Eskom insists on an	equipment, and customers also have to be
additional lockable disconnect switch. What is	considered and safety also requires a
the technical reason for this? This looks like	visible disconnect switch in line with
complete overkill for which the customer ends	Eskom's operating regulations.
up paying.	
15. We submitted a few applications this week and	This is the statutory requirement. The
have been requested to submit a Professional	proposed SANS 10142-1-2 document will
Engineer (Pr Eng) letter at the application stage;	provide guidance to the industry as to any
we have never been requested to submit this at	future requirements in this regard.
the application stage previously. Please confirm	
if this is a new requirement?	
16. Concerning banking and wheeling, if my	Banking is not available to connections
generator is smaller than 1 Megawatt (MW), will	greater than 1 MVA at present.
the buyer be allowed to bank if their NMD is	
larger than 1 MVA?	
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17. In the case of off-grid applications where there	 No, there is no application process and cost
is a physical changeover, is there still a cost	charge, but the customer still has to
involved in submitting an application as it is	complete the official declaration letter to
simply to notify Eskom of the installation?	confirm that the system is off-the-grid.
18. Why does Eskom insist on Pr Eng/Pr Tech	This is the statutory requirement. The
installation sign-off? Will this change in the	proposed SANS 10142-1-2 document will
future? If yes, under which conditions?	provide guidance to the industry as to any
	future requirements in this regard.
19. Currently, Eskom effectively provides a	Tariffs are continuously being reviewed to
"seasonal/TOU period-based net-metering" tariff	take cognisance of industry trends and
system. Is this likely to change? When and	customer behaviour.
why? Customers need certainty going forward.	 Eskom is proposing to make changes to the
	TOU charges and periods as the system
	profile has changed. This was included in
	the 2020 tariff plan, which was never
	decided on by NERSA. The same changes
	are being proposed for 2023 and this would
	impact the credit mechanism for net billing
	due to the changes to the rates and
	periods. Once Eskom has submitted to
	NERSA, detailed information will be
	provided to the public through forums and
	the Internet.
20. Please provide a technical explanation as to	 The Eskom policy concerning the hybrid
why Eskom uses the nameplate rating of the	application is currently being reviewed and
inverter to limit the size of an installation,	will be communicated to the public in due
instead of, for example, a password-locked	course.
"feed-in limit" set for the PV system as the	
system that the City of Cape Town applies?	
Eskom's approach severely limits customers	
who wish to install inverters to facilitate backup	
capacity, for example, or who wish to plan for	
system expansion.	

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