

	IGCAR Assessment Criteria Document (External)	Grid Access Unit
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This document serves further clarification of criteria used to assess the state of readiness of any project considered for grid allocation capacity. The document also guides how to name and package folders to be submitted to the Eskom Grid Access Unit.

Folder name to be preceded by:	How To Name and Package the Folders IGCAR Evaluation/Assessment Documentation Required	IGCAR Rule
A	A. RFBQ/Request for the Budget Quote Duly Signed and Completed Annexure A of the valid issued CEL, 2 pages only, do not attach an application form or a complete signed CEL.	R3(1)(a)
B	B. INV/Invoice and POP/Proof of Payment of BQ Fee and CC&B Screen dump Senior IPP Advisors may withhold sending the invoice until they are satisfied all information has been submitted to the Senior IPP Advisor.....NB! Invoice must be paid before SMEs evaluate.	R3(1)(b)
C	C. Cover letter for all documentation provided with clear explanations. This is important as we need to determine when the last IGCAR documentation was received, an explanation of information submitted and outstanding AND an explanation and associated proof of any exemptions permissible in terms of any legislation or similar instrument.	
D	D. NERSA Proof of application for registration/Generation Licence. - Letter from NERSA regarding licence requirement confirming proof of application for registration or generation licence as applicable for the facility. - IPPs may require an NSP letter before they can apply to NERSA. - Generator MEC to match end-user NMD. -There are no NERSA rules for traders, Eskom is challenging the award of trading licences by NERSA in the absence of trader industry rules as such no traders' details will go into NSP consent letters going forward (from 08 November 2024).	R3(1)(c)
	Traders (licensed, unlicensed, aggregators) will be seen as end users who actually consume energy (e.g. large mines) and therefore must provide account details of account /Point of Delivery for the NSP letter.	
E	E. EA/Environmental Authorisation	R3(2)(a)(i)

	- NEMA identifies certain activities that would require an environmental authorisation before the commencement of that activity, and these are regarding the development of facilities or infrastructure for the generation of electricity from a renewable resource. - Not applicable if its existing plant/places namely, Malls, Casino and Plaza as excluded in terms of NEMA Regulations 2014, as amended). - Preferably the project must have an EA, but depending on the project and the risk we may approve as long as Eskom does not spend any unrecoverable money.	
E1	E.1. Valid Granted Authorisation - Please include in the cover letter and highlight in the EA the page numbers and clauses that cover; the EA granted date, Authorisation Register Number, Holder of Authorisation, Project Name, Activity, Description and Location of the facility. - EA progress – at least a letter of confirmation from the Department of Forestry, Fisheries and Environmental (DFFE), approving the scoping report and appointment of an environmental consultant to conduct the studies necessary to obtain environmental approvals or permits.	
F	F. WULA/Water Use Licence Act	
F1	F.1. Application Form and Proof of Status or Eskom will accept proof of submission of application to relevant authorities (e.g., Department of Water and Sanitation).	
F2	F.2. Valid Granted Authorisation - Non-binding confirmation of the water availability from relevant authorities. - It is acknowledged the Department processes the application when the project is a certainty or has been awarded preferred bidder status by the Department of Electricity and Energy (DEE).	R3(2)(a)(i)
G	G. CAAA/Civil Aviation Authority Approval Indicate on the environmental impact assessment report if no impact on aviation (Indicate page numbers and clauses in the cover letter covering this requirement).	
G1	G.1. Application Form to ATNS and/or SACAA and Proof of application status or Where an application was submitted but has not been received for a long time, proof of application submission will be required.	R3(2)(a)(ii)
G2	G.2. Conditional Approval This is required from the South African Civil Aviation Authority (Obstacle Approval) or ATNS Proposal Report (Glint and Glare Impact Assessment Screening Report) or Report from an Accredited Aviation Consultant.	

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H	H. L&R/Land and Rights All applications are required to submit lease agreements option-to-lease or options-to-buy agreements or proof of ownership rights relating to the land.	R3(2)(a)(iii)
H1	H1. Land authorisation form (Excel Spreadsheet) Those IPPs that already exist and are connected to the grid with Eskom approval, don't need a Land & Rights check unless they are expanding the actual facility.	
H2	H.2. Option or Lease agreements from the landowners or proof of ownership If no change in approved IPP plant or lines, no need to evaluate Land and Rights.	
I	I. SALA/Subdivision of Agricultural Land Act - Exempted from SALA if within the old town boundaries, in urban areas, or if option, leasing, or buying whole land parcel. - SALA does not apply if you buy, lease or sign an option for the whole land parcel.	
I1	I.1. Valid Granted Authorisation or	
I2	I.2. Lease agreements or Option to lease agreements from landowners or proof of ownership	
J	J. PPA /Power Purchase Agreement - Section 34 IPPs must issue a preferred bidder appointment letter. - Please include in the cover letter highlighting the pages and clauses in the actual PPA and/or PPA HOT that have the following details: - Project Description, Project Location, Project Size/MEC (MW), Project Technology. - Whether there is a firm intention to sell or buy power between both parties. - NERSA Licensed trader must be highlighted. - A copy of the trader license must be provided. - Generator MEC must match offtaker/end user NMD.	R3(2)(b)
J1	J.1. Duly executed and Signed PPA by both parties Buyer/Purchaser/Offtaker/End User and Seller OR	
J2	J.2. PPA HOT/Power Purchase Agreement Heads of Terms - Buyer/Purchaser/Offtaker/End User and Seller or - Not Applicable if power is used for offsetting and own use. - If there is a duly signed PPA in place, there is no need for PPA HoTs and a Private Offtaker Confirmation letter.	

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K	K. Private Offtaker (End User and Trader) Confirmation Letter - Not applicable when duly signed PPA provided. - Section 34 IPPs must issue a preferred bidder appointment letter. - Where an NSP Consent letter is required, the licensed trader must provide the new potential customers (or additional power requirements if increasing sales to existing customers already indicated in the licence) that will take up the additional power. - To avoid doubt the list of customers of the licensed trader is not a requirement for IGCAR but is a requirement for NSP consent/comfort letter). - Generator MEC must match offtaker/end user(s) NMD.	
K1	K.1. If PPA HOTs are provided, on the letterhead of Buyer/Purchaser/Offtaker (End User and NERSA Licensed Trader). - For traders, the NERSA Trading Licence must accompany the PPA and/or PPA HOTs. - The letter must come from the buyer of the energy to be generated.	
L	L. Design Consultants Appointment	
L1	L.1. Appointment Letter from IPP Developer Appointing Design Consultant(s) for Substation and Power Line Designs It must be indicated on the appointment letter if the appointed design consultant is going to subcontract other services.	
L2	L.2. Appointed Design Consultant Company Profile indicating projects. - Relevant projects related to Tx (NTCSA), Dx and Renewable Energy. - The resource names and roles in the project must be indicated by the Design Consultant(s) on the supplementary letter of design consultant(s).	R3(2)(c)
L3	L.3. Appointed Design Consultant(s) Lead Designers and Engineers CV's and Relevant Qualifications 1 x Overall Lead Engineer, 2 x Electrical Substation Engineers (1 x Primary and 1 x Control Plant), 1 x Overhead Line Engineer, 1 x Civil, 1x Structural Engineer, 1 x PTM&C, SCADA and Telecoms Engineer. - Other relevant disciplines with clearly marked electrical and renewable energy projects experience and Valid ECSA registration. - Not applicable for Eskom build.	
M	M. Measured data for the primary energy resource	R3(2)(d)

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M1	M.1. Hourly data (In a spreadsheet format). - Minimum one-year data for solar PV, Credible PV satellite data may be used without requiring a 1-year measurement of solar resources. - Minimum of two years of wind data measured using a met mast. - LIDAR may be used for at least a year of measurement for the four corners of the site. - No data may be used from adjacent sites. - For dispatchable generator technologies, generation profiles are required i.e., when will power be dispatched, when the BESS charges, and any seasonal changes e.g. a hydro plant that generates during the rainy season (winter only in the Western Cape).	
M2	M.2. Provide Relevant Data (In a spreadsheet format). Provide actual data; Weather parameters, Power (kW) data, Irradiance data, Temperature data, wind speed data and hub height data.	
N	Intentionally left blank	
O	Intentionally left blank	
P	Intentionally left blank	
Q	O. IGCAR Grid Capacity Allocation Guarantee - Submit using Eskom Eskom-approved template original IGCAR guarantee at Megawatt Park to the contact provided by your Senior IPP Advisor and indicate the name of Senior IPP Advisor on the delivery note and send a copy by email. - Guarantee is based on new installed generation capacity, for existing plants that apply to increase their MEC and/or installed capacity, IGCAR Guarantee is based on additional capacity, that is the difference between original MW value and new MW value. - Where the generator is behind the meter and the customer will increase the load to at least match the generator capacity, then the IGCAR guarantee will not be payable (zero-sum generation impact on the network). This is applicable only where the CEL was issued based on an additional load matching the generator capacity and the zero-sum generation impact is confirmed. - Similarly, if the customer is installing BESS to be charged from PV, the customer will be liable to provide the guarantee that is the higher of the PV generation capacity and the BESS (export) capacity. - Remember BESS is a generator when discharging and load when charging. Please ensure the IGCAR Guarantee indicates the exact name of the project and company name.	R3(4)(a)

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