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National Grid SA

REG for User's Self-Consumption Connection Process to Transmission System

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TABLE OF CONTENTS

1. BACKGROUND 2
2. PURPOSE 2
3. SCOPE 2
4. TECHNICAL CRITERIA 3
5. DEFINITIONS 4
6. GENERAL TERMS/CONDITIONS 8
7. RESPONSIBILITIES 10
   7.1- Applicant/Eligible Consumer 10
   7.2-Applicant/Consultant/Eligible Consumer 11
   7.3-NG-SA 12
8. PROCEDURES 16
   8-1: Step 1 - Applying for REG 16
   8-2: Step 2 - REG Application Validity 16
   8-3: Step 3 - REG Connection Process 17
   8-4: Step 4 - Execution Phase for REG Connection 21
9. FLOWCHART 24
10. REFERENCES 26
11. REVISION HISTORY 26
12. ATTACHMENT 26

ATTACHMENT-1 REG FEES AND CHARGES 27
ATTACHMENT-2 REG SYSTEM CONNECTION AGREEMENT FORM (ARABIC VERSION) 28
ATTACHMENT-2 REG SYSTEM CONNECTION AGREEMENT FORM (ENGLISH VERSION) 31

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1. BACKGROUND

Saudi Electricity Regulatory Authority (SERA) has already Published the Regulatory Framework for Renewable Energy Generation for Self-Consumption. This process outlines connection process for the REG projects for Self-Consumption which may require transmission equipment additions, modifications and equipment reinforcements to integrate the said REG projects on HV or EHV network.

2. PURPOSE

The purpose of REG for User's Self Consumption Connection Process is to assess and ensure that the anticipated grid integration to connect REG for self-consumption purposes shall comply in all respects with range of the latest applicable regulatory requirements conforming to the prescribed conditions included in Saudi Arabian Grid Code (Grid Code), Regulatory Framework for Renewable Energy Generation for Self-Consumption, Transmission Planning Criteria and the relevant Electricity Service Guide, Standards and Procedures for "New Connection or Modification of Existing Connection". Above all, the prevalent grid system's ability is to evaluate and ascertain for accommodating and managing the new generation connection reliably, satisfying network security, competence and with operational flexibility and there is no any likelihood of grid vulnerability encountered due to influx of REG integration with NG-SA network.

3. SCOPE

The scope of this procedure applies to new connection or modification of the existing connection for REG self-consumption project for which Applicant submits to SEC/NG-SA the prescribed REG connection application. It is highlighted that this procedure shall be applicable for the grid-connected Premises, wherein the maximum connected capacity of the renewable energy system to be installed in this Premises must neither exceed 30 MW nor its Contracted Load, whichever is lower.

The procedure is followed throughout the process involved in the connection of a REG system to the transmission network. It addresses and relates to the following REG technologies:

- Solar
- Wind
- Waste to Energy Systems

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- Biomass systems
- The above cited REG technologies with Battery Energy Storage Systems (BESS).

Notes:

(1) As stated above, this procedure shall be applicable for the grid-connected Premises, wherein the maximum connected capacity of the renewable energy system to be installed in this Premises must neither exceed 30 MW nor its Contracted Load, whichever is lower. The said REG systems are meant for Self-Consumption purposes and are installed in the Eligible Consumers' demand premises. In all cases, the REG and consumption must be in the same Premises. The Transmission Use of System (TUoS) charges shall apply to Premises connected to the Transmission Grid as per the TUoS methodology, in addition to the Bulk Supply Charge.

(2) The REG System, which meets all of the following criteria, are exempted from SERA's Authorisation and SERA's Generation License:

- Generate electricity from renewable energy;
- For self-consumption; and
- Generation capacity is 2MW AC or less.

4. TECHNICAL CRITERIA

It is not permitted to start any preparatory work for the purpose of establishing REG systems (including preparing planning and conducting studies) before obtaining the necessary study authorization from SERA. To have a smooth integration of the REG systems with the transmission network and to avoid a sudden change to the grid, the below specified criteria has been introduced that shall be applicable for the Applicant when applying for REG systems connection for Self-Consumption purposes, the technical criteria, in particular, but is not limited to the following:

- To check and confirm that the application is for grid-connected Premises, wherein the maximum connected capacity of the renewable energy system to be installed in this Premises must neither exceed 30 MW nor its Contracted Load, whichever is lower.
- To ensure the generation and consumption is on the same Premises, the User must own or have legal right of possession of the Premises on which the REG System is proposed to be installed. The legal right of possession needs to include a statement

of eligibility to use the Premises for the purposes of constructing and installing a REG System.

- To check and confirm that the benchmark annual capacity (the Aggregated Capacity of the REG Systems connected to the Transmission Grid under the Self-Consumption Billing arrangement), i.e. 3% of the previous year's KSA power system peak demand, will not be exceeded with the addition of the proposed REG capacity. If exceeded, processing connection requests for new REG Systems may continue and the connection requests shall be placed on hold until the following year. The connection queue shall be managed on a 'first approved first connected' basis.
- To check and confirm that if the ac output Maximum Capacity falls within the scope of the Regulatory Framework and it is intended specifically for self-consumption.
- Even if the above criteria are specifically designed for the REG system, it yet should not impact negatively the existing transmission network and NG-SA will have the right to reject any application, if resulted in a negative impact, as per outcome from its respective simulation.
- Verify that the REG System is designed and installed in accordance with the provisions of the Regulatory Framework.

  Please Note:

  NG-SA does not intend, by the introduction of the above technical criteria, to limit the REG systems initiatives by any way or form. The ultimate goal of the above technical criteria is to introduce a smooth launch for the REG systems for Self-Consumption purposes and to avoid any sudden change/impact in the grid operation or planning. These criteria will be revised from time to time according to the evolution of the transmission network in the Kingdom.

5. DEFINITIONS

Aggregated Capacity	The total Maximum Connected Capacity connected to the Network.
Applicant	Refers to a Person who has the intention to install, operate and own a REG System in accordance with the Regulatory

	Framework. Depending on the context, Applicant can also refer to Eligible Consumer or Consultant/Contractor.
Biomass	Refer to the definition in the Regulatory Framework.
Commissioning	The stage of the project in which all installed equipment, devices, and systems are tested and assured that they meet the approved designs, standards & specifications, SOW/PTS, procedures, and done in the scheduled time.
Consultant/Contractor (Eligible Consumer's Internal Consultant)	Refer to the definition in the Regulatory Framework.
Contracted Load	The total loads of all electrical equipment installed on the Premises of the Eligible Consumer and it is contracted with the Service Provider.
Distribution Code	Refer to the definition in the Regulatory Framework.
Electrical Installation	Any fixed cable, wire, switchgear or other equipment or apparatus within a User's Premises installed and used for purposes incidental to the supply of power to loads of the User.
Eligible Consumer	Refer to the definition in the Regulatory Framework.
Grid Code	Refer to the definition in the Regulatory Framework.
Grid-connected REG System	A Renewable Energy Generation System installed within the Electrical Installation of an Eligible Consumer with a LV, MV, HV or EHV Connection Point.
Hot Commissioning	The tests which are performed where the plant processes are placed into operation in conjunction with the control system etc.
Interface Protection (IP)	The electrical protection required to ensure that either the generating plant and/or any generating unit is disconnected for any event that could impair the integrity or degrade the safety and reliability of the transmission network.
Maximum Capacity	Refer to the definition in the Regulatory Framework.
Metering Code	Refer to the definition in the Regulatory Framework.
Network	Refer to the definition in the Regulatory Framework.
Point of Interface (POI)	The point of connection to the electricity system of the Service Provider for both import and export of electricity by

	the Eligible Consumer is linked to a metering system (i.e. advance metering infrastructure).
Power Connection Implementation Agreement (PCIA)	Agreement signed by the Eligible Consumer and the NG-SA; for Transmission Grid-connected REG Systems, to develop power transmission facilities and any other necessary scope of works for the connection of electric power to and/or from the REG System by installing new substations comprising of new Transmission Lines and/or modifications to existing transmission lines and additions of switchgear at substations, communication and control systems and any other modifications or additional equipment required. It also contains the terms and conditions for payment and General terms to execute the project.
Photovoltaic (PV)	The process of electric energy generation by the photovoltaic effect, i.e. the basic physical phenomenon in which an electric potential difference is produced by the absorption of photons.
Premises	A real estate that consumes electricity generated from a REG System, and adhere to requirements stipulated in Clause (5-1-a) of the Regulatory Framework for Renewable Energy Generation for Self-Consumption.
PTS	Project Technical Specifications for REG Connection Project which are duly reviewed by all the concerned departments of NG-SA.
REG Connection Project	The project that involves the required SOW related to transmission reinforcement & connection of REG Project from POI to NG-SA integrated network.
REG Project	The project that is established based on the REG system explained above.
Regulatory Framework	As used in this document, refers to the "Regulatory Framework for Renewable Energy Generation for Self-Consumption" issued by the Authority's Board of Directors Resolution No. (43/51/06) dated 20/08/1443H and its amendments.
REG System	Refer to the definition in the Regulatory Framework.
REG System Connection	Refer to the definition in the Regulatory Framework.
REG System Connection Agreement – (REG-CA)	Refer to the definition in the Regulatory Framework.

REG System Connection Fee	Refer to the definition in the Regulatory Framework.
REG System Connection Process	Procedure which must be positively completed by an Applicant/Eligible Consumer with a grid-connected REG System before the REG System can be released for commercial operation.
Self-consumption	Refer to the definition in the Regulatory Framework.
Self-Consumption Billing/Net Billing	The energy exchange and financial arrangements between an Eligible Consumer and a Service Provider linked to a Connection Point.
Spill power/ Spill energy	Spill energy generated and exported to the grid.
Storage	Refer to the definition in the Regulatory Framework.
Transmission Network	Subject to the Grid Code definition, it is a system consisting of underground cables or overhead lines, substations, and electrical equipment with a design voltage specified in the relevant transmission license to transmit electricity from connection points with other transmission systems or generation stations or cogeneration stations to connection points connected to Users or other transmission/distribution. This system includes any installations, electrical equipment, and meters owned or operated for transmitting electricity, and does not include any part of a distribution system. System Voltage Levels As per NGSA Practice: • Extra Voltage (EHV) – 380 kV and 230 kV. • High Voltage (HV) – 132 kV, 115 kV and 110 KV.
Transmission Use of System (TUoS) Charges	Refer to the definition in the Regulatory Framework.
Turn-On-Letter (TOL)	Refers to authorization letter used by NG-SA to describe technical equipment specification and how it is connected to the Grid.
Waste to Energy (WtE)	Refer to the definition in the Regulatory Framework.
Wind or Wind Energy	Refer to the definition in the Regulatory Framework.
Year	Refer to the definition in the Regulatory Framework.

Acronyms/Abbreviations

BESS – Battery Energy Storage System

CSD - Commissioning Services Department

GRID CODE – Saudi Arabian Grid Code

NG-SA – National Grid-Saudi Arabia (Transmission Service Provider)

PB – Principal Buyer

PCIA - Power Connection Implementation Agreement

POI – Point of Interface

PTS – Project Technical Specifications

REG – Renewable Energy Generation

RoW – Right of Way

SEC –Saudi Electricity Company

SERA – Saudi Electricity Regulatory Authority

SOW – Scope of Work

Survey – Survey & Right of Way Department

TOL – Turn-On-Letter

TUoS – Transmission Use of System

UDS – Unified Digital System (Flow chart term)

6. GENERAL TERMS/CONDITIONS

- NG-SA shall process Applicants' requests to connect REG systems for self-consumption without discrimination on a first come first served basis once received on SEC website- New Services – renewable energy and for inquiry might contact NG-Bulk Customer Services & Relations Division **NG-Customers@ngrid.sa.**
- Based on the information and data furnished thru Connection Application, various departments under NG-SA, according to its roles: (i) shall scrutinize and examine the REG applications with respect to the Regulatory Framework; (ii) study and, accordingly, (iii) prepare necessary REG connection plan for REG power

connection (that involves the detailed SOW/PTS from POI at REG station to the prevailing NG-SA network). Any modification of the REG site or capacity shall necessitate to re-evaluate & restudy the connection plan in line.

- In case of any modifications works required to the existing Transmission Network (REG Connection Project):

  a. As Applicant/Eligible Consumer consents to pursue REG connection project for Self-Consumption purposes, Power Connection Implementation Agreement (PCIA) shall be prepared and signed between Eligible Consumer & NG-SA to set out SOW, establish the terms & conditions, rules and regulations as well as divisions of responsibilities for both the parties, from the Execution phase up to the energization of REG connection project.

     NG-SA will prepare the SOW/PTS for the agreed REG Connection project as per the approved PCIA.

- Eligible Consumer shall comply with Grid Code, SERA Regulations and any other applicable technical standards.
- Eligible Consumer shall pay to NG-SA all the due fees stated in the Regulatory Framework.
- Metering facilities and the requisite Metering system for Net billing set up shall be applied thru negotiation with the Concerned NG Department.
- Eligible Consumer shall coordinate with Principal Buyer to sign the required/necessary agreement(s) for REG project development.
- Signing of the REG System Operation Agreement
- TUoS Agreement shall be effective with regulations and its amendments made from time to time by SERA and as per conciliation with the concerned departments of NG-SA.

  a. Requirement of TUoS Agreement, REG System Operation Agreement, Maintenance Agreement and Energization Agreement as adopted according to the recognized POI and as decided with the other concerned departments of NG-SA.

7. RESPONSIBILITIES

Particular responsibilities are described below to serve as a guideline in implementing this procedure. The proposed REG connection project i.e. the proposed Transmission SOW with respect to POI shall be implemented according to the following divisions of responsibilities:

7.1- Applicant / Eligible Consumer

- The REG System, which meets all of the following criteria, are exempted from SERA's Authorisation and SERA's Generation License:
  - Generate electricity from renewable energy;
  - For self-consumption; and
  - Generation capacity is 2MW AC or less.
- The **Applicant** shall pay for all the applicable fees as specified in Attachment-1 of this document (REG Fees and Charges).
- **Eligible Consumer** shall review the power connection plan submitted by NG-SA and accord its approval for undertaking further formalities.
- **Eligible Consumer** shall arrange to conduct all the necessary detailed technical studies/Grid Compliance studies for integration of REG project as outlined in the Grid Code.
- **Eligible Consumer** shall review the detailed SOW/PTS to be prepared by the concerned departments of NG-SA and give its approval to proceed for REG Connection project's implementation formalities.
- **Eligible Consumer** shall be liable to acquire, as/if needed, the Right of Way (RoW) for the required power transmission interconnection facilities associated with REG connection project.
- **Eligible Consumer** shall build NG-SA Cabinet, as/if required, within its new facilities namely REG Evacuation station, as/if required, as per the REG Connection Project's detailed SOW/PTS.
- **Eligible Consumer** must design and install the REG equipment to meet all the technical and operational requirements of Grid Code.

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- **Eligible Consumer / Developer** shall enter into contracts with Contractors pre-qualified by the NG-SA for procurement, construction, testing and commissioning of the proposed connection project's SOW in accordance with its terms and conditions, Technical Specifications and SOW provided by NG-SA to execute the REG Connection Project.
- **Eligible Consumer** shall be responsible for designing, procuring, constructing, operating & maintaining the downstream REG network with respect to POI.
- **Eligible Consumer** is committed to signing a Bulk Supply and Spill Energy Agreement with the PB before its production units come into operation.
- **Eligible Consumer** shall be responsible for signing the REG System Connection Agreement per the Regulatory Framework and any other applicable agreement.

Note: NG-SA shall not release the final operation permission unless the Eligible Consumer complies with all the requirements stipulated in Grid Code.

7.2- Applicant/Consultant/Eligible Consumer

- **Applicant/Consultant** is responsible to obtain the required approvals for the REG system, and if applicable, including the prescribed SERA's approvals.
- **Applicant/Consultant** is responsible to upload the REG information & generates the REG connection application on the prescribed Bulk Customers Services and Relations Division and / or SEC /NG-SA website.
- **Eligible Consumer/Consultant** is the ultimate responsible for the REG Evacuation station, as/if it is required, and REG plant design and its implementation conforming to SEC/NG-SA technical requirements
- **Eligible Consumer/Consultant** is responsible to select Contractors for installing and design the REG system.
- **Eligible Consumer/Consultant** shall follow Grid Code in regard carrying out Grid Impact & grid Compliance studies to assess the adequacy and impact of REG system on the NG-SA System with the detailed representation and simulation of REG system conforming to Grid Code.

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7.3- NG-SA

The following are NG-SA responsibilities and main activities:

- Confirm Authorization of REG Project by SERA was obtained, if applicable, then receive Connection Application from Eligible Consumer
- Review the REG Feasibility Study for REG System Integration provided by the Eligible Consumer for further support
- Validate the acceptance criteria and assess & Evaluate impact on the grid
- Submit REG connection plan to Eligible Consumer
- Having approval from the Eligible Consumer for the proposed plan, prepare and submit PCIA for approval
- Prepare and Provide the detailed SOW/PTS to the Eligible Consumer
- Provide Supervision for the REG Connection Project during project execution stage, if applicable
- Carry out Testing & Commissioning activities for the meters only, and other equipment when considered necessary. Prepare Energization Agreement
- Conduct of On-site Inspection shall be done in accordance with Section 5.3, Annex 3 of the Regulatory Framework, and likewise, in accordance with the approved PCIA, as necessary. Installation of metering system according to the Metering Code and the applicable practices for Metering for the Connection Point from NG-SA side as per the project SOW. It is required to install a separate meter at the connection point of the REG, where it records all the energy generated from the REG. (in addition to the bi-directional meter at the interface point)
- Inspection of Net Billing system activities
- Issue Limited and Final operation Notifications
- Prepare TUoS Agreement
- After Energization, signing of REG System Operation Agreement, which defines the roles and duties of the Parties for the operation of the REG System.

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- Bulk Customers Services and Relations Division shall receive REG Connection application of Applicant, transfer the application to NG-SA concerned departments.
- Bulk Customers Services and Relations Division shall be the point of contact for sharing the respective agreements (PCIA, and REG System Operation Connection Agreement) for Eligible Consumer's review and consent and signing activities.
- NG-SA concerned departments shall examine all applications received from Bulk Customers Services and Relations Division and ensure its compliance with regard to the Regulatory Framework.
- NG-SA concerned departments shall coordinate with the relevant departments and send the request (link or form) to be studied from technical standpoint.
- NG-SA concerned departments shall be responsible to arrange requests to verify if the approved connection requests of renewable energy projects for self-consumption reaches the 3% of the KSA power system peak load of the previous year, according to the Regulatory Framework. In case the cap of allowed REG projects capacities for self-consumption is reached, the approved connection requests will be put on hold until the following year. The connection queue will be managed on a 'first approved first connected' basis.
- On receiving the request link from NG-SA concerned departments, the Concerned Network Planning Department, based on connection voltage level & geographical locations of the projects, shall carry out necessary analysis during the application review stage. The applicable acceptance criteria conducted to ensure there is no negative impact on the network, and it includes the studies of network planning stipulated in relevant Codes & Transmission Planning criteria.
- The Concerned Network Planning Department shall prepare REG connection plan options without power wheeling for REG integration and, for the selected transmission connection option that is mutually agreed with Eligible Consumer, shall also prepare PCIA in line. PCIA shall involve roles and duties of each party.

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- The Concerned Network Planning Department shall conduct the site visit to assess and evaluate the REG connection alternatives.
- The Concerned Network Planning Department shall provide to Eligible Consumer the detailed scope of work ("SOW") and technical specifications ("TS") prepared by Engineering & Design department according to the documentation system used by NG-SA for the REG connection project together with a list of approved Contractors. The SOW shall identify clearly the boundaries and responsibilities of each party for testing and commissioning of connection from both NG-SA and Generation sides. The responsibilities entitled for project management shall be clearly mentioned in the SOW.
- The Concerned Network Planning Department shall review the design documents of REG Development Project prepared by the Eligible Consumer/Consultant and validate the data as per requirements of Grid Code and other applicable standards & procedures.
- NG-SA concerned department may witness the REG connection project commissioning activities as per the approved master schedule. The scheduled commissioning activities shall include all connection point equipment in both sides of the NG-SA and REG system as per the PCIA. The commissioning witnessing does not mean witnessing in place of the responsibilities of the REG System generation side commissioning. The commissioning of the REG connection shall be done by both Contractors of NG-SA and REG system. Taking in consideration of POI, the REG side with respect to the POI shall be done by the User's Contractor and required equipment to be commissioned by User's Contractor itself in presence of the NG-SA Concerned Department if required as per the master schedule and SOW. Whereas, the NG-SA side with respect to the POI is to be commissioned by the approved Testing & Commissioning Contractors and the said activity shall be witnessed by the NG-SA Concerned Department in presence of the User's Representative as per the master schedule and transmission project SOW. The metering and commissioning shall be coordinated to be done in each side that is to be witnessed and confirmed by the concerned parties in the NG-SA and the Eligible

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Consumer. The commissioning activities shall be performed as per the latest versions of the NG-SA Concerned Department procedures.

Notes:

NG-SA does not intend by the release of this document to take any responsibility for the design or the technicalities whatsoever of the REG system. NG-SA's responsibility is limited to verifying the impact on the transmission network using the internal checklist. NG-SA shall not be responsible for any design-related problems or REG performance issues in any way or form. It is the responsibility of the Eligible Consumer's Contractors/Consultants to employ all applicable standards and best practices in designing the REG systems. NG-SA should not be accounted as responsible for the selection of the Contractors or the Consultants and it is the responsibility of the Eligible Consumer to select qualified Consultants and Contractors for the design and construction of the REG system.

NG-SA's responsibility during the inspection is limited to verifying the correct sizing of the constructed REG system, besides some verification at the POI that will be conducted based on NG-SA's internal checklist. It is the responsibility of the Contractors/Consultants to ensure that the REG installation is according to SEC/NG-SA requirements and to conduct all the needed tests and verifications for the REG system.

Notwithstanding the above, the NG-SA shall review a complete REG Connection Application as per the Regulatory Framework. The REG Application Review shall consist of:

- Verifying the compliance of the REG Connection Application with the provisions of the Regulatory Framework; and
- Assessing the impact of the proposed REG System on the network. It is the responsibility of NG-SA to define both the analysis and the acceptance criteria of the grid impact assessment as well as to perform the analysis with the data and information of the REG system included in the REG Connection Application.

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8. PROCEDURES

The following steps are required to be followed for new application for connection of new REG self-consumption project submitted by Applicant:

Each step developed considers many tasks and activities to be performed. These are also presented in a General Flow Chart concisely (enclosed here under to):

The following paragraphs describe the function of each block that indicates an activity or a set of data.

8-1: STEP 1 - APPLYING FOR REG

Activity -1.1: **User request and insertion of data**

Any Applicant wishing to install a REG System, if applicable as per the conditions enumerated in 1st bullet of Section 7.1, shall access SERA's website and follow the required process to obtain SERA's Study Authorisation.

Activity 1.2 - REG Application

After obtaining the required SERA's Study Authorization, and filling out the required form for the application, submit the REG information to Bulk Customers Services and Relations Division **NG-Customers@ngrid.sa**, the Unified Digital System (UDS) process will generate the REG application that summarizes all the information inserted by the Applicant at this stage of the application.

To receive a preliminary explanation of the financial compensations that will be applied and included in the agreement that will be signed between the Eligible Consumer and Principal Buyer (PB), the Eligible Consumer should get in touch with the wholesale energy trading department within the PB via e-mail at **market_operations@spb.com.sa**.

Note: The Eligible Consumer can hire a Consultant on its behalf for all the communications and interactions with NG-SA during the REG System Connection Process, as well as for the REG System Design & REG system procurement and the Electrical Installation works.

8-2: STEP 2 - REG APPLICATION VALIDITY

Activity 2.1 - REG Application Initial Review & Checking the Relevant Criteria (Bulk Customer Services and Relations Division - 7 business days):

At this stage, NG-SA concerned departments shall check the relevant criteria for the applied REG capacity for self –consumption purposes. If the application meets the criteria, Bulk Customers Services and Relations Division shall notify Applicant to go forward and pay the REG System Application fee. If the application does not meet the criteria, Bulk Customers Services and Relations Division shall inform the Applicant to hold/end the application.

Activity 2.2 - Payment of the REG System Application fee:

The Applicant is required to pay the REG System Application fee within 22 business days from the approval notification. Failure to pay entails forfeiture of the Application request under intimation of other REG Users requests in this case.

Note: The payment can be made online using different types of payment methods which is accepted within KSA.

8-3: STEP 3 - REG CONNECTION PROCESS

Activity 3.1 - Transmission Network Impact Assessment (NG-SA concerned department -22 Business days):

Once the REG System Application fee is paid, the Network impact Assessment studies shall start internally. The studies include (but not limited to):

- Power connection plan options for REG system.
- Power Flow & Dynamics for power connection plan options.
- Short Circuit Studies.

Activity 3.2 – Joint Site visit and information reflection (NG-SA concerned department- 15 Business days)

The activities related to site visit and feasibility study shall be fulfilled. This includes evaluating the proposed location for the equipment/evacuation station/cables/rights of ways requirements, as deem necessary, etc. The site visit activities shall be carried out in accordance with NG-SA standard procedures and processes.

The procedures concentrate on the preparations to be made before the site visit, onsite activities and the information to be recorded as a result of the site visit. However, the site visit for a new REG as per the current NG-SA strategy, at least one

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site visit is required and every effort must be made to reduce the number of additional site visits. This can be best achieved by adequate preparation before the visit to the site. The site visit is focused on REG connection propositions, feasibility assessment to make extension or addition of required equipment in the involved exiting substations and its integration viability preview.

Activity 3.3 - NG-SA Network Impact Report (NG-SA concerned department - 30 Business days):

The outcome (connection plan, its brief SOW & cost estimate) of the network assessment analysis conducted by NG-SA shall be summarized in the NG-SA report and the most suitable REG Connection plan shall be sent to the User directly for its scrutiny, evaluation and feedback. This report will illustrate the proposed interconnection plan with conceptual & representative modelling of REG system and it shall not be based on the detailed modelling of REG system.

Activity 3.4 - Eligible Consumer Feedback & Grid Compliance (Eligible Consumer-45 business days)

If Eligible Consumer agrees on proceeding with the connection plan, then Eligible Consumer shall conduct the meticulous transmission impact/Grid compliance studies (in accordance with the Grid Code requirement chapter 2) of the new REG system with precise & detailed modelling of REG system on the prevalent transmission network and send the studies to NG-SA concerned departments. In case of any violations detected, Eligible Consumer shall propose possible mitigation actions and inform NG-SA concerned department to consider it in their studies. After having approval from NG-SA for Grid Compliance studies, the Eligible Consumer prepare REG design documentation and submit to NG-SA concerned department for review and feedback.

Activity 3.5 – Grid Compliance Validity (NG-SA concerned departments NG-SA concerned department - 30 business days):

The NG-SA concerned departments shall review and validate the Grid Compliance analysis.

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Activity 3.6- REG Design Documents (Eligible Consumer -10 business days):

Eligible Consumer shall submit the design documentation for REG system for reviewing in order to add any alignment requirements in the connection scope document.

Activity 3.7 - REG Connection Design Documents (NG-SA concerned departments – 45 business days):

NG-SA concerned departments shall prepare the design documentation for the connection project based on the PCIA and hand it over to the Eligible Consumer for tendering and signing of the project's contracts. If the Eligible Consumer wishes NG-SA to do the tendering and sign the project, then extra terms shall be added to the PCIA and provide the User with validation letter having six months validity or as defined by the Service Provider, either that the request not align, or, that the request aligns with the Regulatory Framework, has no impact on the grid and NG-SA has no comments related to REG system.

If the REG Connection Application has an acceptable impact on the grid:

- The Service Provider shall approve and send back to the applicant initial REG System Connection Application approval. The Service Provider will require 45 business days to prepare and issue this Initial Approval Letter for the Eligible Consumer. The initial approval is for the purpose of applying for SERA's license, and it shall include the REG System Application fee. The REG System Application and Connection fees shall be in accordance with Attachment-1 of this document (REG Fees and Charges).
- The Service Provider shall assign to the initially approved REG System part of the REG hosting capacity having a validity period of 6 months, for the applicant to proceed with the next steps of the REG System Connection Process.
- If, at the end of the validity period of an initially approved REG Connection Application and upon verification by the Service Provider, the REG System has yet to be connected for reasons which are only attributable to the Eligible Consumer, the Service Provider is entitled to release the capacity of the REG

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hosting capacity attributed to the REG System in order to attribute such capacity to other approved REG Connection Applications.

In the event that REG Application Review is not accepted:

- The Service Provider shall notify the applicant with a report identifying the reasons of such outcome. If possible, the report shall also identify possible amendments to the REG Connection Application which may allow for a positive outcome of the REG Application Review.
- The applicant is granted a grace period to accept the amendments proposed by the Service Provider or to propose other changes.
- The duration of the grace period shall be defined by the Service Provider in its REG System Connection Process.
- The Service Provider shall review the resubmitted REG Connection Application without any additional costs and keeping it in the same queue within the given grace period.

Activity 3.8 - License Documents Upload (Eligible Consumer-40 business days):

SERA's Generation license.

- The Eligible Consumer shall upload a copy of the Generation License obtained from SERA for the REG project.

Activity 3.9 – Implementing the PCIA (NG-SA concerned departments, & Eligible Consumer-22 business days):

After SERA's License to sign applicable agreements, and pay applicable fees (In accordance with the Regulatory Framework)

Based on the analysis accomplished by NG-SA and Eligible Consumer, brief SOW shall be defined and agreed on in order to include it in the PCIA. The PCIA shall be prepared by the NG-SA concerned departments concerned Network Planning department and signed by both NG-SA concerned departments Network Planning Department and the Eligible Consumer.

The PCIA, if required, may:

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- State the change procedures in its Amendment for the REG System when its connection process has already been completed.
- State the change procedure for the REG System in its Amendment when it is in operation.
- Ensure that the Eligible Consumer will not be able to export active power to the network that exceeds Maximum Connected Capacity.

Activity 3.10 – REG System Connection Agreement Form and pay the REG System Connection fee (Bulk Customers Services and Relations Division -10 business days): in coordination with Finance Support & Commercial Agreements Department Principal Buyer & Power Producers Agreements Division

8-4: STEP 4 - EXECUTION PHASE FOR REG CONNECTION

Activity 4.1- Construction of the REG System and REG Connection Facilities (NG-SA concerned department – Range 45 business days up to 500 business days):

Activity 4.2 - Commissioning (NG-SA concerned department - 130 business days):

NG-SA concerned department shall perform testing and commissioning for REG connection project including the interface point with REG system as per the boundaries and responsibilities that mentioned clearly in the project SOW.

Activity 4.3 – REG TUoS Agreement (NG-SA concerned departments -45 business days):

NG-SA shall prepare and sign the TUoS Agreement with Eligible Consumer. The said TUoS Agreement shall be signed once the commission activities are done and shall define the responsibilities for each party for the next 20 years. Operation Department shall prepare and sign the REG System Operation Agreement with the Eligible Consumer.

- The wholesale energy trading department within the PB shall prepare and sign the Bulk Supply and Spill Energy agreement with the Eligible Consumer before the commission activities are done.

Activity 4.4 – Billing (NG-SA concerned departments -15 business days):

NG-SA shall set and update the billing system based on SERA requirements.

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Activity 4.5 – Energization Permit (NG-SA concerned department -15 business days):

NG-SA shall notify the Eligible Consumer the operation date for the Connection of REG project in order to set the energizing date for REG.

#	Steps	Activity	Business days*	Responsible Party
1	Applying for REG	User request and insertion of data	NA(1)	Applicant
		REG Application	20	Applicant
		Payment of the REG System Application fee	22	Applicant
2	REG Application Validity	REG Application Initial Review & Checking the Relevant Criteria	22	NGSA
3	REG Connection Process	Transmission Network Impact Assessment	22	NG-SA
		Joint Site visit and information reflection	15	NG-SA
		NG-SA Network Impact Report	30	NG-SA
		Eligible Consumer Feedback & Grid Compliance	45	Applicant
		Grid Compliance Validity	30	NG-SA
		REG Design Documents	30	Applicant
		REG Connection Design Documents	30	NG-SA
		License Documents Upload	40(2)	Eligible Consumer
		Implementing the PCIA	22	NG-SA
		Payment of the REG System Connection fee and signing the REG System Connection Agreement	22	Eligible Consumer
		Countersign the REG System Connection Agreement and send a copy back to the Eligible Consumer	10	NG-SA
4	Execution Phase for REG Connection	Construction of the REG System and REG Connection Facilities	45 up to 500	NG-SA Eligible Consumer
		Commissioning	130	NG-SA Eligible Consumer
		REG System Operation Agreement; Maintenance Agreement; TUoS Agreement	45 30	NG-SA

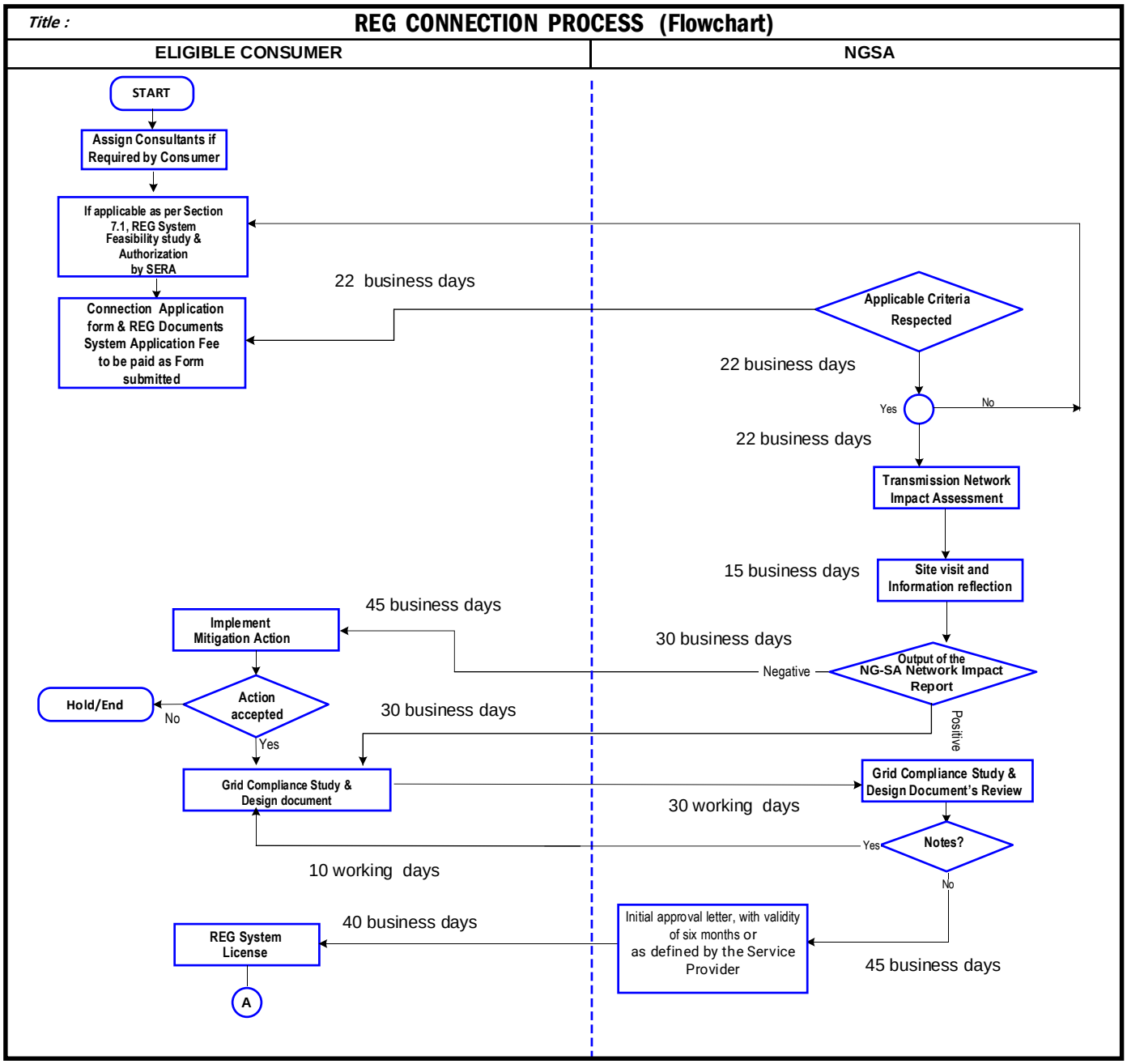
				Eligible Consumer
		Billing	15	NG-SA
		Energization Permit	15	NG-SA

(1) SERA will respond to the Applicant within 10 business days.

(2) SERA will respond to the Applicant/Eligible Consumer within 30 business days.

* The Applicant/Eligible Consumer must adhere to the specified timeframes and will receive notification two weeks before the requested duration expires. An extension of the duration may be granted if the Applicant/Eligible Consumer can provide valid reasons for the request.

9. FLOWCHART


Title :
REG CONNECTION PROCESS (Flowchart)
ELIGIBLE CONSUMER
NGSA
START
Assign Consultants if Required by Consumer
If applicable as per Section 7.1, REG System Feasibility study & Authorization by SERA
Connection Application form & REG Documents System Application Fee to be paid as Form submitted
22 business days
Applicable Criteria Respected
22 business days
Yes
No
22 business days
Transmission Network Impact Assessment
15 business days
Site visit and Information reflection
45 business days
Implement Mitigation Action
30 business days
Output of the NG-SA Network Impact Report
Negative
Hold/End
No
Action accepted
Yes
30 business days
Positive
Grid Compliance Study & Design document
Grid Compliance Study & Design Document's Review
30 working days
Yes
Notes?
No
10 working days
40 business days
REG System License
Initial approval letter, with validity of six months or as defined by the Service Provider
45 business days
A

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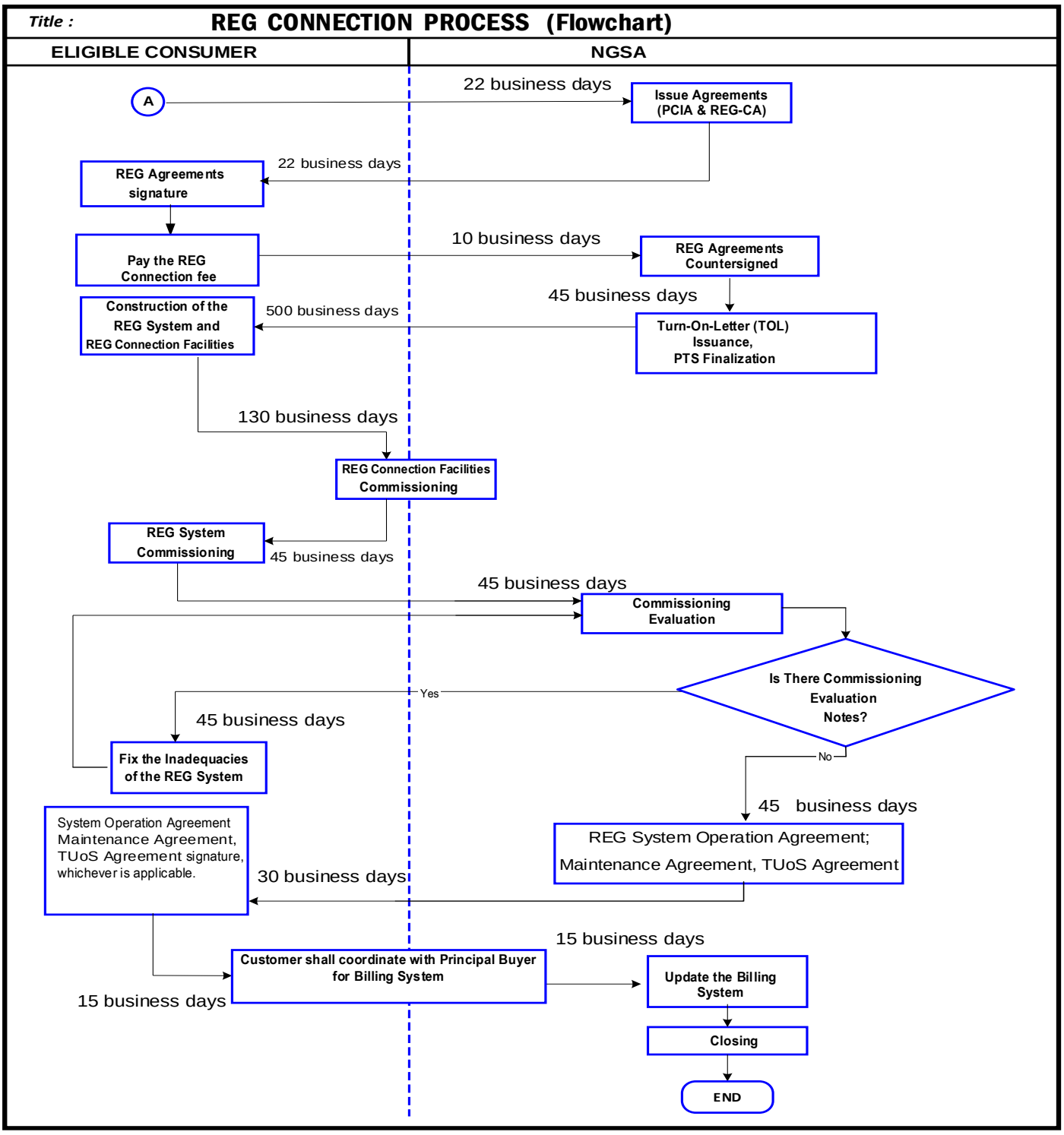

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10. REFERENCES

Index/ Reference Number	Title
هـ خ و - ف ن - 004 (ص 44/02)	الإطار التنظيمي للطاقة المتجددة للاستهلاك الذاتي
ERD - TA – 004 (V02/23)	Regulatory Framework for Renewable Energy Generation (RF-REG)
May 2024	Saudi Arabian Grid Code

11. REVISION HISTORY

Revision	Date	Description of Modifications/Reasons for Change
00		**First issue of this procedure.**

12. ATTACHMENT

- REG Fees and charges
- REG System Connection Agreement (Arabic)
- REG System Connection Agreement (English)

ATTACHMENT-1 REG FEES AND CHARGES

Fees and charges for services provided by the Service Provider

1.1. The fee for the services provided by the TSP or DSP to connect REG system for self-consumption to the network is as follows:

Service	System Capacity (kW)		Fees (SAR)
REG System Application	1	4,000	1,500
	4,001	30,000	5,000
REG System Connection	1	4,000	15,000
	4,001	30,000	30,000
REG System Re-inspection*	20% of the REG System Connection fee		

* In the event that the REG Systems is disconnected due to violation of the terms and conditions of the REG System Connection Agreement, the Eligible Consumer may apply for re-inspection of these Systems after making the required amendments or remedying any remarks of the Service Provider.

1.2. The fees stipulated in Clause (1.1) does not apply to solar PV systems up to 2MW capacity and connected to the DSP, to which the Small-Scale Solar PV Regulatory Framework applies.

2. **Charges for Spill Energy exported**

Consumption Category	Tariff (SAR/kWh)
All Eligible Consumption categories	Determined by SERA, and posted on SEC website (www.se.com.sa)

ATTACHMENT-2 REG SYSTEM CONNECTION AGREEMENT FORM (ARABIC VERSION)

تمهيد:

1. يكون للألفاظ والعبارات المعرّفة في الإطار التنظيمي لمنظومات توليد الطاقة المتجددة للاستهلاك الذاتي المعاني نفسها لغرض تطبيق هذه الاتفاقية ما لم يتطلب السياق خلاف ذلك.
2. هذه الاتفاقية تحدد الشروط والأحكام المتفق عليها بين مقدم الخدمة ومقدم الطلب، وتشمل الاتفاقية الطلب المقدم من مقدم الطلب وجميع البيانات الأساسية المطلوبة منه.
3. تمت الإشارة في هذه الاتفاقية إلى الوثائق التنظيمية المختلفة مثل الكود السعودي لنقل الكهرباء وكود التوزيع السعودي والإطار التنظيمي لمنظومات توليد الطاقة المتجددة للاستهلاك الذاتي وإجراءات معالجة شكاوى المستهلكين والتي يمكن الحصول عليها من خلال موقع مقدم الخدمة على الانترنت أو زيارة أحد فروع مقدم الخدمة أو موقع هيئة تنظيم المياه والكهرباء (الهيئة) على الانترنت.

أولاً: يعتبر التمهيد جزءاً لا يتجزأ من هذه الاتفاقية. ويجوز للمستهلك المؤهل تركيب منظومات توليد الطاقة المتجددة وإجراء الفحوصات التشغيلية بعد توقيع نموذج الطلب وهذه الاتفاقية.

ثانياً: إجراءات بناء وربط وتشغيل منظومات توليد الطاقة المتجددة

يجوز للمستهلك المؤهل بناء وربط وتشغيل منظومة توليد الطاقة المتجددة وفق الإجراءات المنصوص عليها في الإطار التنظيمي لمنظومات توليد الطاقة المتجددة للاستهلاك الذاتي المعتمد من الهيئة، وذلك بعد قيام مقدم الخدمة بفحص منظومات توليد الطاقة المتجددة والتأكد من مطابقة منظومة توليد الطاقة المتجددة لمتطلبات كود التوزيع السعودي أو الكود السعودي لنقل الكهرباء وأي أكواد ومعايير أخرى معتمدة.

ثالثاً: إجراءات السلامة والصيانة المنتظمة:

3-1: يلتزم المستهلك المؤهل بإجراءات التشغيل والصيانة المنتظمة والمحافظة على منظومات توليد الطاقة المتجددة لضمان التقيد المستمر بمتطلبات كود التوزيع السعودي أو الكود السعودي لنقل الكهرباء، وأي متطلبات يفرضها مقدم الخدمة.

3-2: يلتزم المستهلك المؤهل بتأمين ممر آمن وسهل الوصول إلى موقع المنظومات لأغراض السلامة التي قد تستدعي ذلك.

رابعاً: فحص منظومات توليد الطاقة المتجددة:

4-1: بدون الإخلال بما ورد في أحكام الإطار التنظيمي لمنظومات توليد الطاقة المتجددة للاستهلاك الذاتي، يحق لمقدم الخدمة الكشف عن العدادات ومنظومات توليد الطاقة المتجددة في الوقت الذي يراه مناسباً بأي وسيلة يراها على أن يقوم بإشعار المستهلك المؤهل قبل يومي عمل على الأقل من موعد الكشف وعلى المستهلك المؤهل تمكينه من إجراء هذا الكشف بدون عوائق.

4-2: في حال فصل منظومة توليد الطاقة المتجددة نتيجة الإخلال بالبنود الواردة في هذه الاتفاقية، فللمستهلك المؤهل أن يقوم بتقديم طلب إعادة الكشف بعد إجراء التعديلات المطلوبة أو إزالة أي ملاحظات لدى مقدم الخدمة على أن يتحمل المستهلك المؤهل أجور إعادة الكشف التي تعتمدها الهيئة، كما يتم الاتفاق على موعد إعادة الكشف ما بين المستهلك المؤهل ومقدم الخدمة وذلك خلال (5) أيام عمل من تاريخ طلب إعادة الكشف.

خامساً: فصل منظومة الطاقة المتجددة:

يحق لمقدم الخدمة القيام بالفصل المؤقت لمنظومة توليد الطاقة المتجددة لدى المستهلك المؤهل في الحالات التالية:

5-1: في حالة الانقطاع المخطط لشبكة التوزيع أو شبكة النقل.

5-2: في حال الانقطاع غير المخطط لشبكة التوزيع أو شبكة النقل.

5-3: في حال ظهر لمقدم الخدمة أن تشـــغيل منظومة توليد الطاقة المتجددة لا يتوافق مع شـــروط وأحكام اتفاقية الربط وكود التوزيع أو كود النقل.

سادساً: حدود مسؤولية التعويض:

6-1: تقتصر مسؤولية كل طرف على الطرف الآخر في التعويض عن أي ضرر مادي على مقدار الأضرار المباشرة التي تلحق به فعلاً، ولا يجوز بأي حال لأي من الطرفين أن يكون مسؤولا تجاه الطرف الآخر عن أي ضرر غير مباشر.

6-2: يُعتبر المستهلك المؤهل مسؤولا مسؤولية كاملة عن التمديدات الداخلية الخاصة به لمنظومة توليد الطاقة المتجددة بعد قاطع مقدم الخدمة من جهة المستهلك المؤهل، وعليه فإن مقدم الخدمة لا يتحمّل أي مسؤولية قانونية أو مالية عما يقع من أضرار نتيجة حدوث أي خلل أو خطأ أو تغيير يجريه المستهلك المؤهل في معدات الربط بمنظومة توليد الطاقة المتجددة.

سابعاً: احتساب فوترة الاستهلاك الذاتي:

7-1: لغايات حساب فوترة الاستهلاك الذاتي، يتم اعتماد كمية الطاقة المصدّرة من منظومات توليد الطاقة المتجددة ابتداءً من تاريخ إشعار مقدم الخدمة للمستهلك المؤهل بإمكانية التشغيل الفعلي لهذه المنظومات.

7-2: في حال أن المبلغ المترتب على كمية الطاقة الكهربائية المستوردة من قبل المستهلك المؤهل أكبر من الرصيد المالي لكمية الطاقة الكهربائية المصدّرة من منظومة توليد الطاقة المتجددة إلى شبكة التوزيع أو شبكة النقل، فعلى المستهلك المؤهل أن يقوم بتسديد قيمة فاتورة الاستهلاك الذاتي المترتبة عليه لمقدم الخدمة شهرياً وفقاً للمقابل المالي المعتمد.

7-3: في حالة أن الرصيد المالي لكمية الطاقة الكهربائية المصدّرة من منظومة توليد الطاقة المتجددة إلى شبكة التوزيع أو شبكة النقل أكبر من المبلغ المترتب على كمية الطاقة الكهربائية المستوردة من قبل المستهلك المؤهل، فعلى مقدم الخدمة تدوير الرصيد المالي إلى فاتورة الشهر الذي يليه، على أن تتم التسوية بموجب أحكام الإطار التنظيمي للطاقة المتجددة للاستهلاك الذاتي.

7-4: في حال تخلّف المستهلك المؤهل عن دفع فاتورة الاستهلاك المستحقة عليه، يحق لمقدم الخدمة أن يقوم بفصل الكهرباء عن المستهلك المؤهل حسب التعليمات المنظمة لحالات فصل الطاقة الكهربائية عن المستهلكين الواردة في دليل تقديم الخدمة الكهربائية المعتمد من الهيئة.

7-5: تخضع آلية الحساب والمقابل المالي المعتمد للمراجعة والتعديل وفقاً لما تحدده الهيئة.

ثامناً: الشكاوى أو النزاعات:

في حالة وجود شكوى أو نزاع في أي موضوع يتعلق بهذه الاتفاقية أو تنفيذها أو أي جوانب تتعلق بالإطار التنظيمي للطاقة المتجددة للاستهلاك الذاتي، يحق للمستهلك المؤهل تقديم شكواه لمقدم الخدمة وفقاً لإجراءات معالجة شكاوى المستهلكين المعتمدة من الهيئة، وإذا لم يتم التوصل إلى حل مرضٍ بين مقدم الخدمة والمستهلك المؤهل بالنسبة للشكوى أو النزاع من خلال هذه الإجراءات، فيحق للمستهلك المؤهل أن يتقدم بشكواه إلى الهيئة للبت فيها.

تاسعاً: إنهاء الاتفاقية:

لا يجوز لأي من الطرفين إنهاء هذه الاتفاقية إلا بموجب الحالات التالية:

9-1: يمكن للمستهلك المؤهل إنهاء الاتفاقية في أي وقت عن طريق إشعار مقدم الخدمة خطياً قبل تاريخ الإنهاء المطلوب بثلاثين (30) يوم عمل.

9-2: يحق لمقدم الخدمة إنهاء الاتفاقية عن طريق إشعار المستهلك خطياً قبل تاريخ الإنهاء المطلوب بـثلاثين (30) يوم عمل، وذلك في حال مخالفة المستهلك المؤهل لأي من أحكام هذه الاتفاقية وعدم معالجة المستهلك المؤهل لهذه المخالفة خلال (15) يوم عمل من استلام الاشعار الخطي.

9-3: يحق لمقدم الخدمة إنهاء الاتفاقية في حال قام المستهلك المؤهل بإجراء أي تعديل على منظومة توليد الطاقة المتجددة وبشكل يؤثر على علاقته التعاقدية مع مقدم الخدمة دون الحصول على الموافقة الخطية المسبقة من مقدم الخدمة على ذلك.

9-4: في حال إنهاء الاتفاقية، يجب فصل منظومة توليد الطاقة المتجددة عن شبكة التوزيع أو شبكة النقل خلال عشرين (20) يوم عمل من التاريخ المحدد للإنهاء.

عاشراً: مدة الاتفاقية

تكون مدة سريان هذه الاتفاقية (20) عاماً تبدأ من تاريخ توقيع هذه الاتفاقية من قبل الطرفين ما لم يتم إنهاؤها مسبقاً وفقاً لأحكام هذه الاتفاقية، ويمكن تمديد هذه المدة لمدة خمس (5) سنوات إضافية بموجب اتفاق تبادلي بين المستهلك المؤهل والأطراف المعنية.

حادي عشر: حررت هذه الاتفاقية من نسختين أصليتين باللغة العربية تسلم كل طرف نسخة منها للعمل بموجبها.

والله الموفق،،،

المستهلك المؤهل	
الاسم	
التوقيع	
التاريخ	
مقدم الخدمة	
اسم الموظف	
التاريخ	
رقم طلب الربط	
التوقيع	

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ATTACHMENT-2 REG SYSTEM CONNECTION AGREEMENT FORM (ENGLISH VERSION)

Preamble:

1. The phrases and expressions defined in this Regulatory Framework shall have the same meaning for the purpose of implementation of this Agreement, unless the context otherwise requires.
2. This Agreement states the terms and provisions agreed upon between the Service Provider and the Eligible Consumer. The Agreement includes the application submitted by the Eligible Consumer and all the basic data required from the Eligible Consumer.
3. This Agreement refers to different regulatory documents such as the Grid Code, the Distribution Code, and this Regulatory Framework for REG for self-consumption and the Consumers' Complaints Handling Procedures, which may be accessed via the Service Provider's website or by visiting one of the branches of the Service Provider or SERA's website.

First: The preamble is considered an integral part of this Agreement. The Eligible Consumer may install the REG Systems and conduct operational tests upon signing the Application Form and this Agreement.

Second: **REG Systems Construction, Connection and Operation Procedures:**

The Eligible Consumer may construct, connect and operate the REG System according to the Regulatory Framework, upon completion of Inspecting the REG Systems by the Service Provider and checking the compliance of the REG System with the requirements of the Distribution Code or Grid Code and any other applicable codes and standards.

Third: **Safety and Regular Maintenance Procedures**

3-1: The Eligible Consumer shall abide by the operation and maintenance procedures and regular maintenance requirements of the REG Systems to ensure continued compliance with the requirements of the Distribution Code or Grid Code, and any requirements imposed by the Service Provider.

3-2: For safety purposes, the Eligible Consumer shall maintain safe and easy access to the location of the Systems.

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Fourth: **REG Systems Inspection:**

4-1: Without prejudice to the provisions of the Regulatory Framework for REG for self-consumption, the Service Provider may inspect the Metering Equipment and the REG Systems at the time it deems appropriate with any means it considers suitable, provided that the Service Provider notifies the Eligible Consumer at least two (2) days prior to the inspection date. The Eligible Consumer shall allow the Service Provider to conduct the inspection without hindrance.

4-2: In the event that the REG System is disconnected due to violation of the terms and conditions of this Agreement, the Eligible Consumer may apply for re-inspection after making the required amendments and addressing any issues raised by the Service Provider. The Eligible Consumer shall bear the cost of re-inspection fees approved by SERA. The Eligible Consumer and the Service Provider shall agree upon the date of re-inspection within five (5) business days of the application submission for re-inspection.

Fifth: Disconnection of the REG Systems:

The Service Provider may temporarily disconnect the REG System of the Eligible Consumer in the following cases:

5-1: In case of scheduled disconnection of the Distribution or Transmission System.

5-2: In case of non-scheduled disconnection of the Distribution or Transmission System.

5-3: If the Service Provider finds that the operation of the REG Systems is not complying with the terms and provisions of the Distribution Code or Grid Code and/or this Agreement.

Sixth: **Limit of liability for compensation:**

6-1: The liability of any party towards the other party for compensation for a material damage shall be limited to the level of direct damage actually incurred. No party, under any circumstances, shall be liable towards the other party for any indirect damage.

6-2: The Eligible Consumer shall be fully responsible for the internal wirings of the REG Systems after the breaker of the Service Provider from the side of the

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Public Internal - عام (داخلي)

Eligible Consumer. Therefore, the Service Provider shall not bear any legal or financial responsibility as a result of any default, error or change in the connection equipment of the REG Systems.

Seventh: **Calculation of Self-Consumption Billing Invoices:**

7-1: For the purposes of calculation of self-consumption billing, the amount of energy exported from the REG Systems shall be calculated from the date on which the Service Provider notifies the Eligible Consumer about the possibility of actual operation of these systems.

7-2: If the financial value of electrical energy imported by the Eligible Consumer is higher than the financial balance of the quantity of the electrical energy exported from the REG System to the Distribution System or Transmission system, the Eligible Consumer shall, on a monthly basis, pay the due value of the Self-Consumption Billing invoice to the Service Provider according to the charges approved.

7-3: If the financial value of the electrical energy exported from the REG System to Distribution or Transmission System is higher than the financial value of the electrical energy imported by the Eligible Consumer, the Service Provider shall forward the balance amount to the bill of the next month. The settlement shall be in accordance with the provisions of the Regulatory Framework for REG Systems.

7-4: In case the Eligible Consumer fails to pay the due consumption invoice, the Service Provider shall have the right to disconnect the electricity from the Eligible Consumer according to the instructions regulating the cases for disconnection of electrical power as stated in the Electricity Service Guide approved by SERA.

7-5: The calculation method and the approved fees is subject to revision and change upon instruction by SERA.

Eighth: Complaints or Dispute Resolution

In the event of a complaint or dispute regarding any matter related to this Agreement, its implementation or any aspects related to the REG Systems Regulatory Framework arises, the Eligible Consumer may submit his complaint to the Service Provider according to the

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consumer complaints Handling Procedure approved by SERA. If a satisfactory solution to the complaint or dispute is not reached between to the Service Provider and the Eligible Consumer, through these procedures, the Eligible Consumer shall have the right to submit its complaints to SERA for arbitration.

Ninth: Termination of the Agreement

No Party may terminate this Agreement unless pursuant to the following cases:

9-1: The Eligible Consumer may terminate this Agreement at any time by (30) business days' written notice to the Service Provider, prior to the termination date.

9-2: The Service Provider may terminate this Agreement by written notice to the Consumer (30) business days prior to the termination date, if the Eligible Consumer violates any of the provisions of this Agreement and not remedying such violation within 15 business days of the receipt of the written notification.

9-3: The Service Provider may terminate the Agreement if the Eligible Consumer performed any amendment on the REG System that affects its contractual relation with the Service Provider without written consent of the Service Provider.

9-4: In case of termination of the Agreement, the REG Systems shall be disconnected from, as the case may be, the Transmission or Distribution System and shut-down within twenty (20) business days of the date prescribed for termination.

Tenth: Term of the Agreement

The term of validity of this Agreement shall be twenty (20) years commencing on the date of signature of this Agreement by the Parties, unless terminated earlier in accordance with its terms. This term may be extended for an additional period of five (5) years subject to mutual agreement between the Eligible Consumer and the concerned Parties.

Eleventh: This Agreement has been executed in two original copies in Arabic language; each Party has a copy to work accordingly.

May Allah grant us success

Eligible Consumer	
Name	
Signature	
Date	
Service Provider	
Name of the Employee	
Date	
Connection Application Number	
Signature	