

# Fact sheet

National Renewable Energy Program  
Kingdom of Saudi Arabia

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## About the National Renewable Energy Program

Saudi Arabia's National Renewable Energy Program (NREP) is a long term, multifaceted renewable energy strategy designed to balance the domestic power mix in order to deliver long term economic stability and prosperity to the Kingdom, whilst working towards carbon reduction commitments.

The NREP is managed and executed by the newly formed Ministry of Energy, Industry and Mineral Resources (MEIM), directly supporting Saudi Arabia's National Transformation Program (NTP) and Vision 2030. The office responsible for the delivery of the NREP is The Renewable Energy Project Development Office (REPDO), an official office within the MEIM.

The Program will be phased and rolled out in a systematic and transparent way to ensure that the Kingdom benefits from the cost-competitive nature of renewable energy.

The National Renewable Energy Program aims to substantially increase the share of renewable energy in the total energy mix, targeting the generation of 3.45 gigawatts (GW) of renewable energy by 2020 – approximately 4% of generation capacity under the National Transformation Program (NTP), and 9.5GW by 2023 – 10 % of generation capacity, towards Vision 2030.

The initial target of 3.45GW of renewables by 2020 will involve three rounds of tendering that will procure a mix of wind, solar PV, concentrated solar power (CSP) and Waste-to-Energy technology and others. The NREP will target 700 megawatts (MW), 1.02GW and 1.73GW respectively across the three rounds starting in 2017. The NREP will target a further 6.05GW by 2023.

Round 1 consists of two projects; 300 MW Solar PV and 400 MW Wind. The Request for Qualifications (RFQ) for the 300 MW Sakaka Solar PV project launched on February 20<sup>th</sup>, 2017 through the eProcurement Portal [www.powersaudiArabia.com.sa](http://www.powersaudiArabia.com.sa) where companies have been invited to register. Furthermore, the Request for Proposals (RFP) for the Solar PV project was officially launched by H.E Khalid Al Falih at the Saudi Arabia Renewable Energy Investment Forum (SAREIF) on the 17<sup>th</sup> of April 2017, the Bid opening ceremony took place on the 3<sup>rd</sup> of October, 2017 and was broadcasted live through a webinar on the eProcurement Portal. The Sakaka Solar PV bids are currently under technical evaluation and compliance checks, the winning consortia will be announced on the 27<sup>th</sup> of January 2018. As for the 400 MW Wind Power Project at Dumat Al Jandal, RFQ was launched on July 16, 2017 and the RFP on 29<sup>th</sup> of August 2017. Final RFP submissions are expected on the 25<sup>th</sup> of January 2018.

Round 2 Project capacities were also announced at SAREIF in April 2017, these include 400 MW of Wind Power and 620 MW Solar PV to be tendered in the coming months.

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## Program Governance

The NREP is a strategy initiative governed by the Kingdom’s newly formed Ministry of Energy, Industry and Mineral Resources (MEIM) and led by His Excellency Khalid A. Al-Falih, Minister of Energy, Industry and Mineral Resources in the Kingdom.

MEIM’s supreme control of the program consolidates the efforts of various stakeholders across the Kingdom, including King Abdullah City for Atomic and Renewable Energy (KA-CARE), the Electricity and Co-Generation Regulatory Authority (ECRA), and the Saudi Electricity Company (SEC),

All projects that fall within the NREP will be procured in a fair, open and transparent manner via a purpose built eProcurement Portal. The selection of bidders, tendering procedures and the award of contracts will be open to public examination. All bids will be evaluated by an independent selection panel and the names of bidders will be made public following selection.

## Localizing the Renewable Energy Value Chain

The NREP is a strategic initiative that serves NTP and in doing so serves to catalyze domestic job creation and drive growth in the Kingdom’s non-oil economy. It is the vision of the NREP to serve the NTP goals related to domestic job creation, capacity building and localization of the renewable energy value chain.

Under the NTP, the NREP directly serves to:

- Incentivize the private sector to manufacture goods and provide services locally to encourage both public and private sectors to rely on local products and services. (NTP 2020)
- Raise the local content in the total expenditure of the public and private sectors from 36% to 50%. (NTP 2020)
- Raise the share of local jobs in the private sector from 19 % to 24% by 2020. (NTP 2020)

National Renewable Energy Program facts at a glance	
3450	Megawatts of renewables targeted for 2020
9500	Megawatts of renewables targeted for 2023
700	Megawatts targeted in round one of tendering
1020	Megawatts targeted in round two of tendering
1730	Megawatts targeted in round three of tendering
2023	The year by which the Kingdom aims to have 9.5GW of installed renewables