

Nuclear Energy: A Driver of Sustainability

مؤسسة الإمارات للطاقة النووية
Emirates Nuclear Energy Corporation

شركة براكة الأولى ش.م.ع
Barakah One Company PJSC

شركة نواح للطاقة
Nawah Energy Company

NUCLEAR ENERGY A PROVEN SOLUTION TO CLIMATE CHANGE

Nuclear energy generates clean baseload electricity 24/7 with no carbon emissions helping to rapidly reduce carbon emissions that lead to global warming and climate change.



BARAKAH UNITS 1&2 FULLY OPERATIONAL AND DELIVERING ABUNDANT CLEAN ELECTRICITY

24/7

1ST

MULTI-UNIT
OPERATIONAL PLANT IN
THE ARAB WORLD



UAE'S LARGEST
ELECTRICITY GENERATOR



LEADING THE BIGGEST
DECARBONIZATION OF ANY
INDUSTRY IN THE UAE

THE BARAKAH PLANT SPEARHEADING THE UAE'S CLEAN ELECTRICITY TARGETS

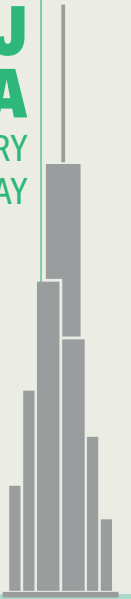
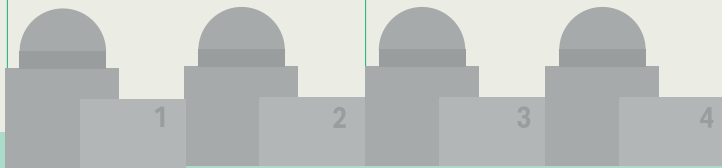
Barakah offers a proven solution for tackling climate change and enables our modern lifestyle without impacting our environment. Barakah leads the UAE's decarbonization efforts, and provides abundant clean electricity to support electrification.

OR THE EQUIVALENT OF
**3,700 BURJ
KHALIFA**
BUILDINGS EVERY
SINGLE DAY

BARAKAH'S FOUR
UNITS WILL PRODUCE
5,600 MW

OPERATES 24/7 FOR
18 MONTHS
BEFORE REFUELING

CAN POWER
570,000+
UAE HOMES

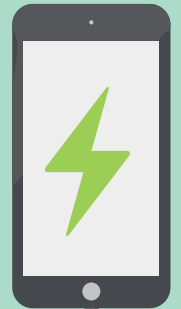


NUCLEAR ENERGY WILL ACCOUNT FOR

25%

OF THE UAE'S INTERNATIONAL COMMITMENT FOR
EMISSIONS REDUCTIONS BY 2030

BARAKAH'S FOUR UNITS WILL PREVENT
22.4 MILLION TONS OF CO₂
EVERY SINGLE YEAR
DO YOU KNOW HOW MUCH THAT IS?



IT'S EQUAL TO THE EMISSIONS
FROM CHARGING
7.8 BILLION
SMARTPHONES
EACH DAY

ALMOST EQUAL TO THE GLOBAL POPULATION!



EQUAL TO EMISSIONS ABSORBED BY
370 MILLION TREES
IN 10 YEARS

EQUAL TO REMOVING
4.8 MILLION CARS
OFF THE ROADS EVERY YEAR

DO YOU WANT TO LEARN MORE?
VISIT WWW.ENEK.GOV.AE



VISIT BARAKAH VIRTUALLY
DOWNLOAD OUR VR APPLICATION



CONTACT US SR@ENEK.GOV.AE