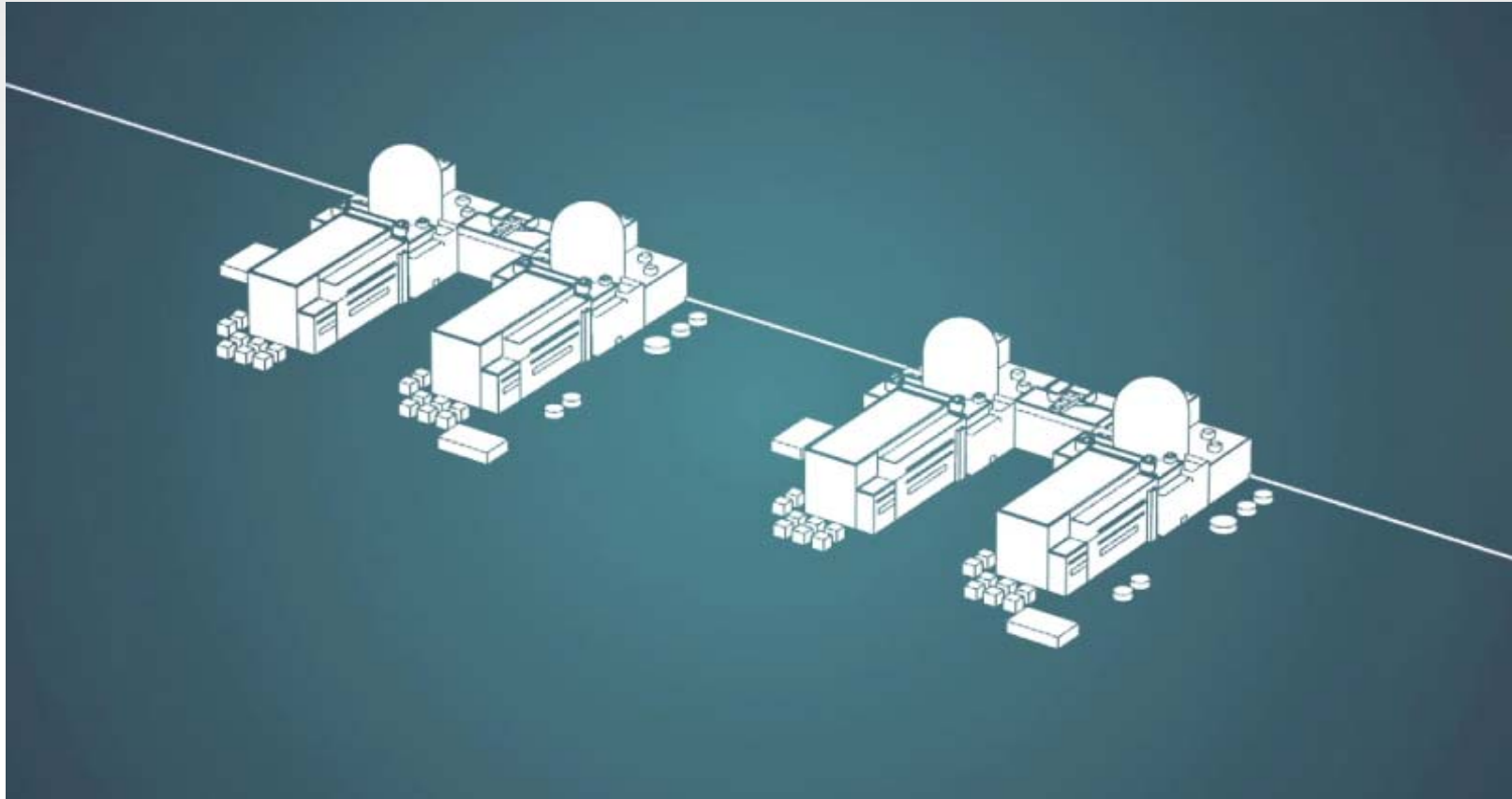
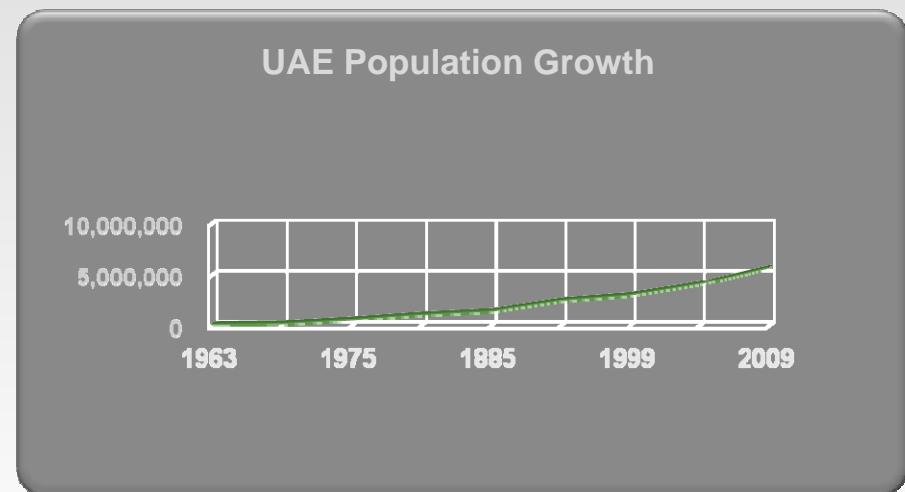


Emirates Nuclear Energy Corporation Program Update

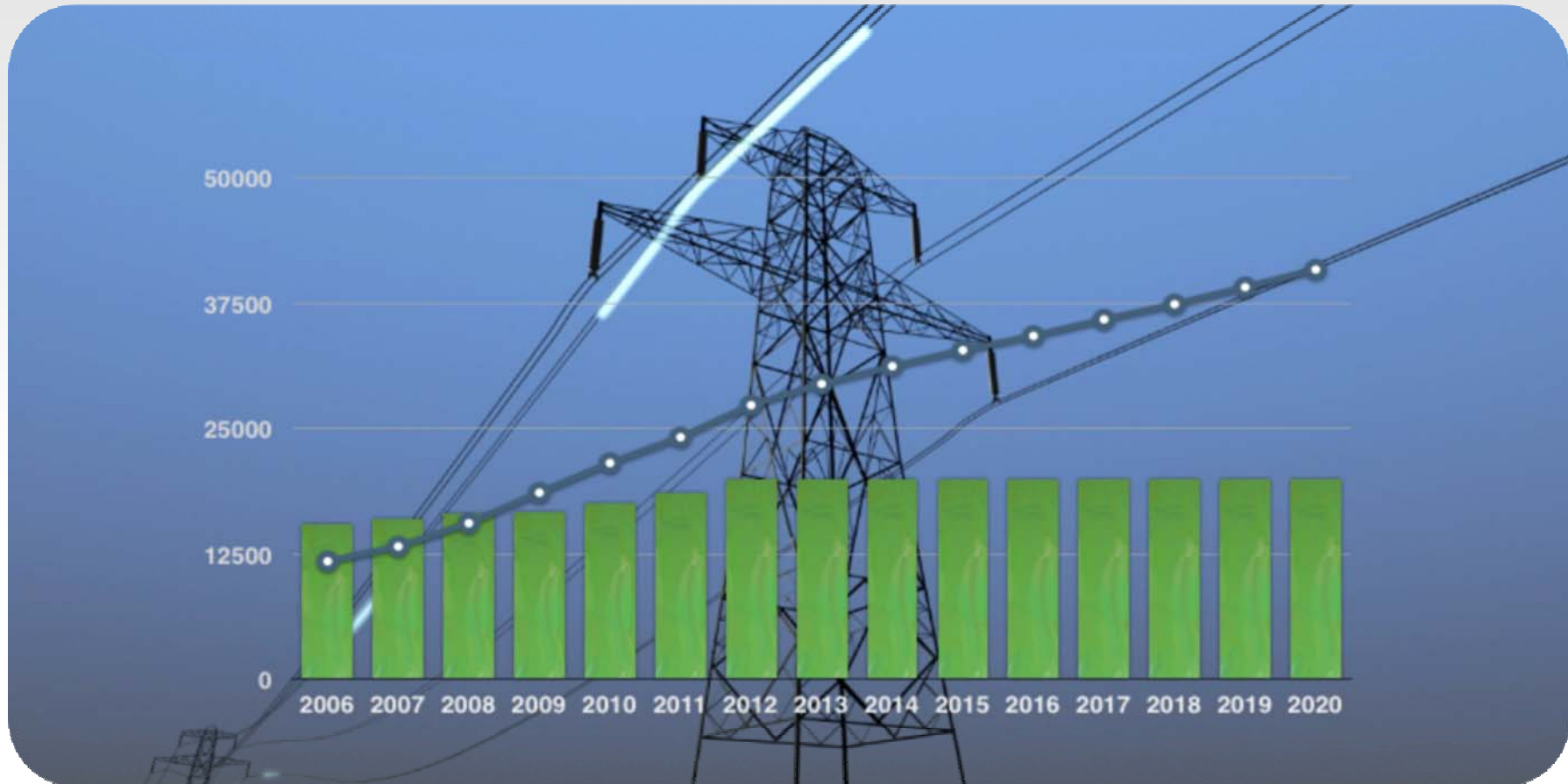




Rapid Social and Economic Growth



Electricity: Demand Outpaces Production





2006

Energy Planning Study

2008



Interagency working group on energy: delivery of key findings on UAE energy needs



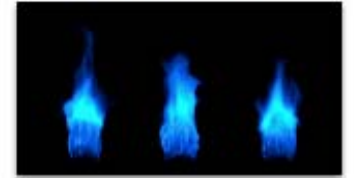
Nuclear energy represents the most compelling value proposition for base-load electricity generation



Investments in renewable energy will generate a total of 7% of UAE energy needs



Economic and environmental performance, security of supply, energy diversification and potential for industrial development





Publication of the Policy on the Evaluation and Potential Development of Peaceful Nuclear Energy

Commitments of the UAE

- Complete Operational Transparency
- Highest Standards of Non-Proliferation
- Highest Standards of Safety and Security
- Conformance to the IAEA Standards
- Partnership with Governments and Firms of Responsible Nations
- Long Term Sustainability



2009

Nuclear Law: The UAE Nuclear System

2010



October 2009: Publication of UAE Federal Law on Peaceful Uses of Nuclear Energy



2010

Construction & Operational Readiness

2017



2010 - Limited Construction Applications for Preparatory Works at Barakah



July 2012: Approval of Construction License from FANR and receipt of NOC from Environment Authority - Abu Dhabi



First Concrete Pouring Unit 1 commenced July 2012



Positive collaboration between ENEC and KEPCO



2010

Construction & Operational Readiness

2017



ENEC is strategically focused on the completion of the program milestones



Implementation of cross-organizational Culture of Safety



Strategic Planning based on the project waves or phases

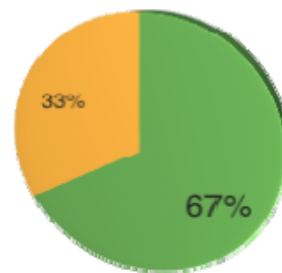


Safety, Efficiency, Quality and Talent Development are program-wide priorities



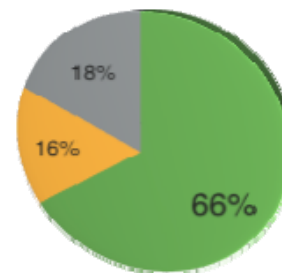
Special focus on public acceptance of nuclear energy from UAE citizens

2009 survey*



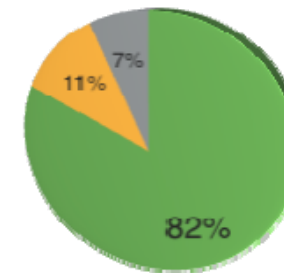
● Favorable
● Unfavorable

**2011 survey
Post-Fukushima**



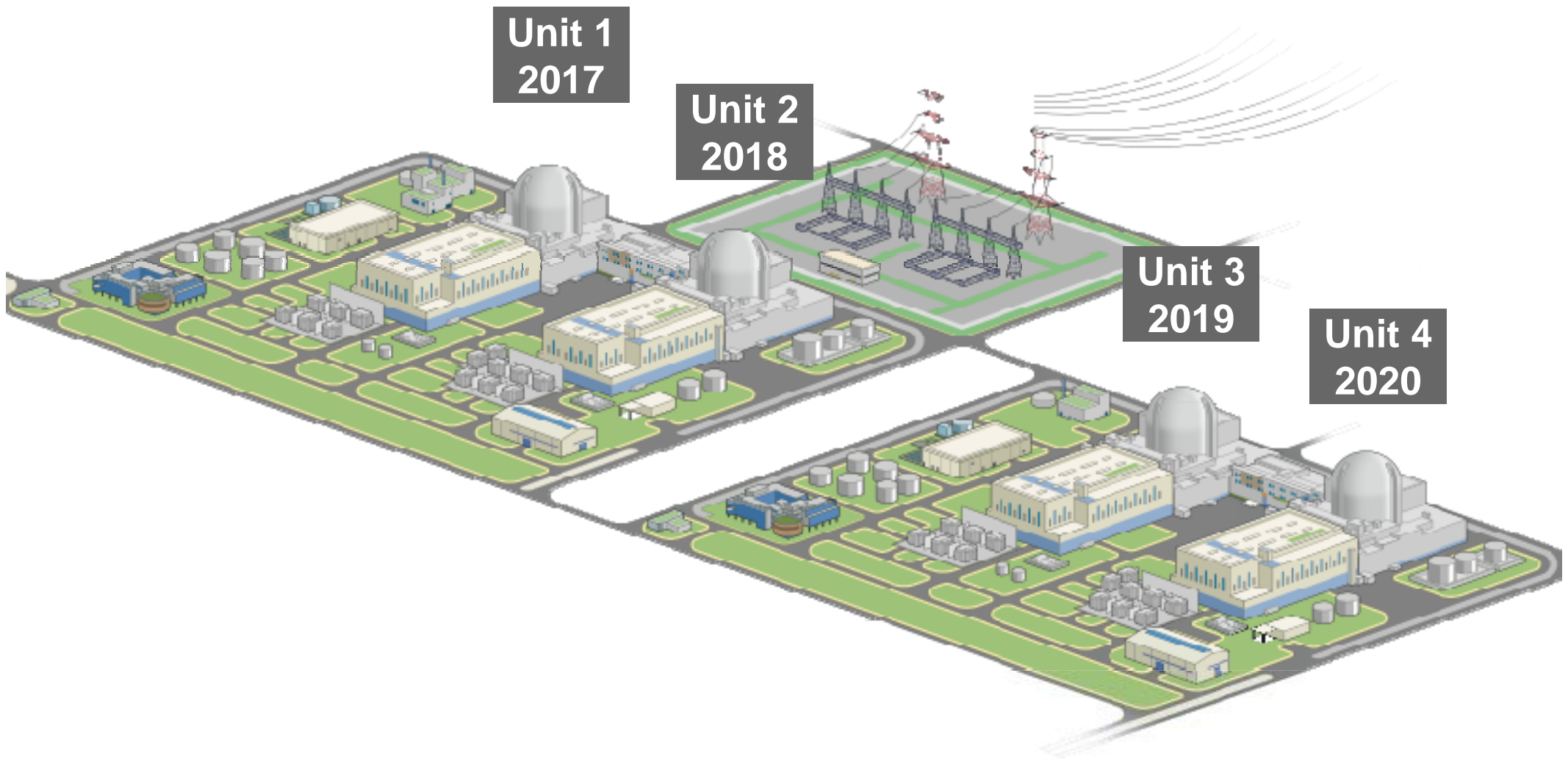
● Favorable
● Unfavorable
● Indifferent

2012 survey



● Favorable
● Unfavorable
● Indifferent

**Pending Regulatory Approval*



**Unit 1
2017**

**Unit 2
2018**

**Unit 3
2019**

**Unit 4
2020**



مؤسسة الإمارات للطاقة النووية
Emirates Nuclear Energy Corporation

