Shenzhen Energy Headquarters North Tower

**Facts**

- **Official Name**: Shenzhen Energy Headquarters North Tower
- **Name of Complex**: Shenzhen Energy Headquarters
- **Other Names**: International Energy Mansion North Tower, Shenzhen Energy Mansion North Tower
- **Structure Type**: Building
- **Status**: Completed
- **Country**: China
- **City**: Shenzhen
- **Street Address & Map**: Binhai Road & Jintian Road
- **Postal Code**: 518000
- **Building Function**: Office
- **Structural Material**: Composite
- **Energy Label**: LEED Gold BD+C: Core and Shell
- **Proposed**: 2009
- **Construction Start**: 2012
- **Completion**: 2017
- **Official Website**: Shenzhen International Energy Mansion
- **Rankings**: Click arrows to view the next taller/shorter buildings
  - City Ranking: #55 Tallest in Shenzhen

**Figures**

- **Height: Architectural**: 218 m / 715 ft
- **Height: Occupied**: 204.8 m / 672 ft
- **Height: To Tip**: 219.1 m / 719 ft
- **Floors Above Ground**: 43
- **Floors Below Ground**: 4
- **# of Elevators**: 16
- **Top Elevator Speed**: 6 m/s
- **Tower GFA**: 106,650 m² / 1,147,971 ft²
- **Development GFA**: 142,590 m² / 1,534,826 ft²

**Companies Involved**

- **Owner/Developer**: Shenzhen Energy Company
- **Architect**
  - Design: Bjarke Ingels Group
  - Architect of Record: SADI
- **Structural Engineer**
  - Design: Arup
- **MEP Engineer**
  - Design: Arup
- **Main Contractor**: China Construction Second Engineering Bureau Ltd.
- **Other Consultant**
  - Façade: Aurecon; Front Inc.; Shenzhen Fangda Building Technology Group, Co., Ltd.; Transsolar Energietechnik GmbH
  - Landscape: SED
  - Lighting: Kaiming Lighting; LICHTWERKE
  - Sustainability: Transsolar Energietechnik GmbH
- **Material Supplier**
  - Aluminium: Guangdong Xingfa Aluminium Co., Ltd
  - Ceiling: Armstrong Ceiling Solutions
  - Cladding: Aumuller; Shanghai Simon Curtain & Ceiling Panel Co.; Shanghai Yaohua Pilkington Glass Group; JORDAHL; PEC Group
  - Elevator: KONE

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**Videos**

- **Social Infrastructure**
  - 27 Oct 2015 – Bjarke Ingels, Bjarke Ingels Group
Research Papers

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Apr 2019 – CTBUH Journal 2019 Issue II

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