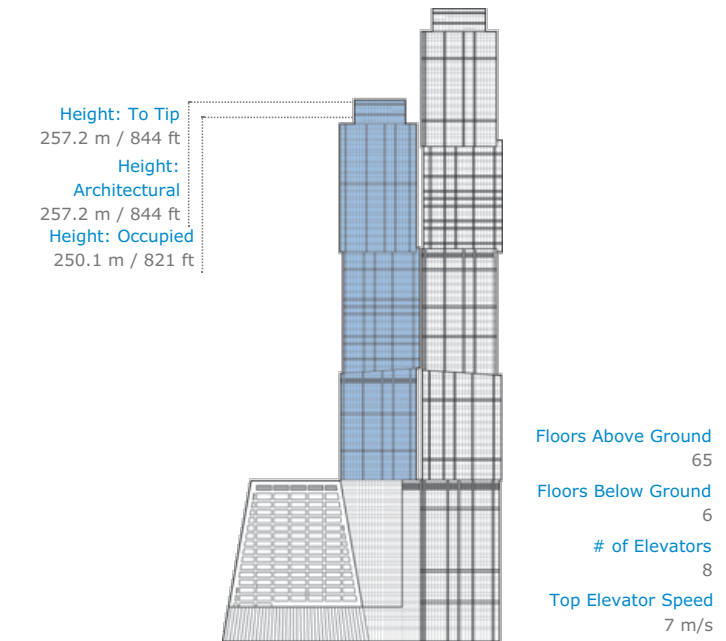


Capital City St. Petersburg Tower



Click an image to view larger version.



Facts

Official Name	Capital City St. Petersburg Tower
Name of Complex	Capital City
Structure Type	Building
Status	COM
Country	Russia
City	Moscow
Street Address & Map	1/ Presnenskaya Emb. 8
Postal Code	123317
Building Function	residential
Structural Material	concrete
Proposed	2003
Construction Start	2005
Completion	2010

Rankings

	Click arrows to view the next taller/shorter buildings	
Global Ranking	#408 Tallest in the World	⬆️ ⬇️
Regional Ranking	#15 Tallest in Europe	⬆️ ⬇️
National Ranking	#9 Tallest in Russia	⬆️ ⬇️
City Ranking	#8 Tallest in Moscow	⬆️ ⬇️

About Capital City St. Petersburg Tower

Capital City is comprised of two residential towers, individually named after two major Russian cities, Moscow Tower (the taller of the pair) and St. Petersburg Tower. A 17-story business center is housed in the complex. The towers' form creates the visual effect of a series of stacked boxes offset from one another. This effect is achieved through a slight cantilever on only two façades of each vertical segment, and thus does not compromise the continuity of the towers' main vertical structure. A mechanical floor demarcates each 15-floor segment and integrates the structural system. The Moscow Tower contains five such segments while the St. Petersburg Tower contains four.

Providing large, open living spaces with full-height glazing led to a structural solution that combines a minimal building core with a mega-column structure to achieve enhanced structural efficiency. Eight mega-columns carry loads for each tower segment. At each mechanical floor, the vertical load is transferred from the corner and central columns to the mega-columns through a perimeter belt truss.

CTBUH Initiatives

CTBUH Meeting: Russia
1-2 Sep 2011 – Event Report

Companies Involved

Owner/Developer	Capital Group
Architect	
• Design	NBBJ
Structural Engineer	
• Design	Arup
MEP Engineer	
• Design	Arup
Main Contractor	Ant Yapi Sanayi ve Ticaret Limited Sirketi
Other Consultant	
• Façade	Vidaris, Inc.
• Wind	BMT Fluid Mechanics Ltd.
Material Supplier	
• Cladding	Schüco
• Elevator	KONE
• Sealants	Dow Corning Corporation

Research Papers

Tallest Buildings Completed in 2010
Dec 2010 – CTBUH Journal, 2011 Issue I

Capital City Towers Chosen as Featured Building

May 2011 – Featured Tall Building

CTBUH 2008 Moscow Conference: Gaining Height

22-24 Oct 2008 – Conference

[More Initiatives](#) →

To submit more information or donate images for this project, please use our [submission portal](#).