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# City's largest rooftop solar plant inaugurated at WTC Mumbai

By A Business Reporter

high capacity 250kWp Rooftop Grid Tied Solar Photovoltaic (PV) Power Plant installed at the World Trade Centre Mumbai was inaugurated by WTC Mumbai, Chairman Kamal Morarka.

On this occasion, Morarka said "With the commissioning of the Solar Power Plant in the iconic tower, World Trade Centre has become the first commercial establishment in Mumbai to set up a 250kWp Rooftop Grid Tied Solar PV Power Plant unde the net metering scheme of BEST Undertaking". Further, Morarka said that the

"Solar Plant designed and built by Maxwell Solar & Wind Energy Pvt. Ltd, Mumbai is spread over 25,000 sq.ft of roof area on the Arcade Build-ing of the World Trade Centre and the power from Solar PV power plant will cater primarily to the air conditioning plant of the Arcade building and will generate over 3 lakh units annually". Morarka informed that 808 Solar

Photovoltaic modules each of 310Wp are used in the project. They are mounted on specially designed aluminum module mounting struc-tures. The Solar Modules used are of poly crystalline technology and are manufactured by Waaree Energies Ltd, one of India's leading module manufacturing company. The Grid Tied Solar Inverters which is the heart of the Solar PV Power Plant is manufactured by the world's leading Inverter Company - SMA Solar Tech-nologies, AGof Germany.



Inspecting the rooftop solar power plant (L-R): Vijay Kalantri, Vice -Chairman. WTC mbai, Kamal Morarka, Chairman, WTC Mumbai, Sharad Upasani, Vice -Chair WTC Mumbai, Y.R.Warerkar, Executive Director, WTC Mumbai, Kaustubh Apte, Technical Director, Maxwell Solar & Wind Energy Pvt. Ltd, Mumbai, Dinesh Sharma, Director (Engineering), WTC Mumbai Arif Petiwala, Managing Director, Maxwell Solar & Wind Energy Pvt. Ltd. Mumbai.

bai has shown the city, a way for harnessing clean, green energy from the sun and is participating in government's mission announced by Prime Minister, Narendra Modi to scale up the solar power to more than 10 percent of total energy mix by 2022". In conclusion Morarka said that

the right approach to energy can drive progress across all three pillars of sustainable development: economic dynamism, social progress and environmental sustainability.

Solar power is attractive because it is abundant and offers a solution to the negative effects of fossil fuel emissions and global climate change

Morarka added that "WTC Mum- with the breakthrough for renewable energy development in the city and with the demand for energy rising ex-ponentially, the entire state is undergoing a major transformation in how it generates electricity. WTC Mumbai reinforces the economic and environmental advantage of deploying large-scale solar project and sets itself on the path of achieving the goal for Green and Clean India", stressed

> The Vice Chairmen of WTC Mumbai, Vijay G. Kalantri, Capt. Somesh Batra, Sharad Upasani and the Exec-utive Director of World Trade Centre, Y. R. Warerkar and others were also present at this auspicious occasion.

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मराठी મહારાષ્ટ્ર DBPOST મધ્યાપ્રદેશ

### મુંબઈના WTCની છત પર સોલાર પ્લાન્ટ વાર્ષિક 3 લાખ યુનિટ વીજ ઉત્પાદન થશે

ભાસ્કર ન્યૂઝ | મુંબઈ

મુંબઈના વર્લ્ડ ટ્રેડ સેન્ટરમાં ઉચ્ચ ક્ષમતાનો 250 કિલોવેટનો રૂકટોપ ગ્રિડ ટાઈડ સોલાર ફોટોવેલ્ટેક (પીવી) પાવર પ્લાન્ટ ગોઠવવામાં આવ્યો છે, જે વાર્ષિક 3 લાખ યુનિટ વીજ નિર્મિતી કરશે, જે શહેરમાં અન્ય મકાનો માટે પણ દાખલારૂપ બનશે એવી આશા ડબ્લ્યુટીસીના ચેરમેન કમલ મોરારકાએ વ્યક્ત કરી છે.

મુંબઈમાં પ્રતિકાત્મક વર્લ્ડ ટ્રેડ સેન્ટરમાં આ સોલાર પાવર પ્લાન્ટ સ્થાપિત કરનાર આ પ્રથમ કમર્શિયલ આસ્થાપના છે. બેસ્ટ ઉપક્રમની નેટ મીટરિંગ યોજના હેઠળ આ પ્લાન્ટ સ્થપાયો છે. સેન્ટરના આર્કેડ બિલ્ડિંગના છત વિસ્તારમાં 25,000 ચો.કૂ. જગ્યામાં મેક્સવેલ સોલારે આ પ્લાન્ટ નિર્માણ કર્યો છે. તે આર્કેડ બિલ્ડિંગના એર કંડિશનિંગ પ્લાન્ટની જરૂર મુખ્યત્વે પૂરી કરશે.

સૌર ઊર્જાનો ઉપયોગ વધારવા માટે વડા પ્રધાન નરેન્દ્ર મોદીના ધ્યેયમાં ભાગ લેતાં અમે આ સૂર્યમાંથી હરિત, સ્વચ્છ ઊર્જા મેળવવાનો દાખલો બેસાઓ છે. આ અભિગમ આર્થિક ગતિશીલતા, સામાજિક પ્રગતિ અને પર્યાવરણીય સક્ષમતા એમ સક્ષમ વિકાસના ત્રણ પાયામાં પ્રગતિ પ્રેરિત કરી શકે છે. સૌર ઊર્જા આકર્ષક છે, કારણ કે તે ભરપૂર છે અને વૈશ્વિક હવામાન પરિવર્તનની દષ્ટિએ પણ તે અનુકૂળ છે. આજે ઊર્જાની માગણી સતત વધી રહી છે ત્યારે આખું મહારાષ્ટ્ર વીજ નિર્મિતીની દષ્ટિએ મોટા પરિવર્તન હેઠળ પસાર થઈ રહ્યું છે. આવા સંજોગોમાં ડબ્લ્યુટીસી હરિત અને સ્વચ્છ ભારતનું લક્ષ્ય હાંસલ કરવા માટે માર્ગ ચીંધે છે, એમ મોરારકાએ જણાવ્યું હતું. આ પ્લાન્ટના ઉદઘાટનના અસરે વિજય જ કાલંત્રી, કેપ્ટન સોમેશ બત્રા, શરદ ઉપાસની, વાય આર વારેરકર વગેરે ઉપસ્થિત રહ્યા હતા.

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## Rooftop solar power plant at WTC generates 700 units on sunny Monday

### STAFF REPORTER

Mumbai

Ten days after the city's largest rooftop solar power plant was installed at World Trade Centre (WTC), it recorded the highest units of electricity generation at 700 units on Monday.

The plant installed at WTC's Arcade building is set to be the city's largest plant holding a highest capacity at 250 kWp (kilowatt peak), a rated capacity of the plant which is measured depending on the intensity of light. The solar power plant was designed and installed by Maxwell Solar and Wind Energy Private Limited on September 16.

According to the officials of Maxwell Solar and Wind Energy, the plant has the capacity to generate three lakh units of electricity on an annual basis.

An official from Maxwell Solar and Wind Energy said, "Since September 16, we recorded only 400 to 500 units of electricity on a daily basis due to heavy downpour in the past one week. However, we recorded the highest units of electricity generation on Monday."

The plant is spread over 25,000 square feet of roof area on the building. The installed plant has been set up under the net metering scheme of BEST (Brihanmumbai Electric Supply and Transport).

Due to this, the drawing power from the grid would be reduced and the excess units of electricity generated would be exported to BEST.

WTC Mumbai, Chairman Kamal Morarka said, "Solar power is attractive because it is abundant and offers a solution to the negative effects of fossil fuel emissions with the breakthrough for renewable energy development in the city."

### **Media Monitor Hindustan Times Publication: Edition: Mumbai** Date: 26.09.2016 Page No: 06

## SoBo office complex installs largest solar power setup in city

GOING GREEN The 808 solar panels generate 250KW peak power that has reduced the electricity bill



Badri Chatterjee

\*\*MUMBAI: A large office complex in MUMBAI: A large office complex in Mumbai has shown how the city can put to good use its vast rooftops, and in the process save money and reduce the hazardous impact of power generation on the environment.

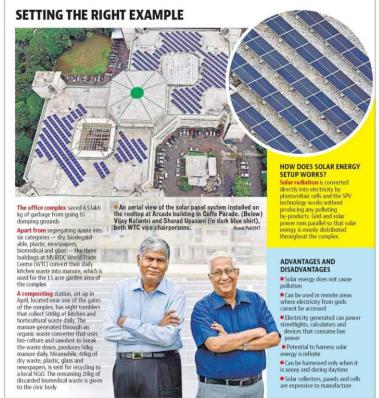
The Arcade building, with 120 offices at MVIRDC World Trade Centre (WTC) at Cuffe Parade, Colaba, is the first large commercial establishment in the city that is powered through solar energy. The 808 solar panels, spread across 25,000 square foot roof, generate 250 kilowatt peak power (KWp) system that has reduced their annual electricity bill by 30%. The power generation system is connected to the grid, which means that electricity produced on a holiday is fed into the public system.

"Solar power is attractive."

public system.
"Solar power is attractive because it is abundant and offers a solution to fossil fuel emissions asolution to fossil fuelemissions and global climate change," said Kamal M Morarka, chairman, WTC Mumbal, a non-profitorganisation that helps in facilitating trade. "With the demand for energy rising exponentially, the entire state is undergoing at transformation in how it generates electricity." The complex is named after Sir Mokshagundam Visvesvaraya, a champion of the manufacturing industry.

The panels generate 900 kilowatt hour (KWh) solar energy daily, which eaters to all electrical needs of the building, including the air conditioning system. An average household in Mumbai uses 10-15KWhpowerperday. "The panels will generate total of slakh KWh solar energy annually, Affer incurring the initial cost of Rs 1.75 crow. we will be swing Rs 45 fakhe very year after four years through this mode of persery. consumption." said and global climate change," said

four years through this mode of energy consumption," said Dinesh Sharma, director engi-neering, WTC.



The commercial complex has also installed a system that allows excess electricity gener-ated by the solar panels to be sent back to the grid. Designed and built by a private company, Max-well Solar and Wind Energy Pvt

Ltd, each aluminium panel gen-erates 310W and uses poly crys-talline technology. "On a sunny day, the panels will provide full capacity amounting to 900 KWh per day. During monsoon, the capacity decreases to 500 KWh

tem, if the complex generates 27,000 units of power per month and the requirement was 25,000, the excess would be carried over to the next month and so on," said an official from the company.

"It is the need of the hour to solar. More rooftop solar projects will have a significant impact in reducing fossil fuel emissions,' said Rakesh Kumar, director National Environmental Engi-neering Research Institute.

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# सौर प्रकल्पातून ३ लाख युनिट वीजनिर्मितीचे लक्ष्य

वर्ल्ड ट्रेड सेंटर : मुंबईतील सर्वात मोठा प्रकल्प

मुंबई: दक्षिण मुंबईतील वर्ल्ड ट्रेड सेंटर येथे बसविण्यात आलेल्या २५० किलोवॅट क्षमतेचा रुफटॉप सौरऊर्जा प्रकल्प मुंबईतील सर्वात मोठा प्रकल्प असून, या प्रकल्पाद्वारे दरवर्षी ३ लाख युनिट वीजनिर्मिती करण्यात येणार आहे.

सूर्यापासून स्वच्छ आणि पर्यारवरणपूरक उर्जा मिळवण्याचा मार्ग याद्वारे दाखवण्यात आला असून, २०२२ पर्यंत देशात निर्माण होणाऱ्या एकूण उर्जेच्या १० टक्के सौरऊर्जेचे उत्पादन वाढविण्याची महत्त्वाकांक्षी घोषणा केंद्राने यापूर्वी केली आहे. त्याला यामुळे हातभार लागणार आहे. ऊर्जा निर्मिताबाबत योग्य भूमिका घेतल्यास आपण आर्थिक, सामाजिक



आणि पर्यावरण या तिन्हीं आघाड्यांवर विकास साधू शकतो. सौरऊर्जा प्रकल्पाला महत्त्व येण्यामागचे कारण म्हणजे सौर ऊर्जा निर्मितीनंतर कोणत्याही नकारात्मक गोष्टी अस्तित्वात येत नाहीत. तसेच जागतिक हवामान बदलांशीही ते परक आहे. सध्या राज्यभरात वीजेची मोठी मागणी असून ती कशाप्रकारे निर्मिली जाते, याकडे सगळ्यांचेच लक्ष लागून राहिले आहे. या सर्व दृष्टीने हा प्रकल्प अंत्यत महत्त्वाचा आहे, असेही वर्ल्ड ट्रेड सेंटरचे अध्यक्ष कमल मोरारका यांनी सांगितले. (प्रतिनिधी)

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### वर्ल्ड ट्रेड सेंटरमध्ये सौर ऊर्जा प्रकल्प

मुंबई: मुंबईतील वर्ल्ड ट्रेड सेंटर येथे बसविण्यात आलेल्या २५० किलोवॅट क्षमतेच्या रुफटॉप सौर ऊर्जा प्रकल्पाचे उद्घाटन नुकतेच 'डल्ब्ल्यूटीसी' मुंबईचे अध्यक्ष कमल मोरारका यांच्या हस्ते झाले.

वर्ल्ड ट्रेड सेंटरच्या वास्तूमध्ये २५० किलोवॅट क्षमतेचा रुफटॉप सौरऊर्जा प्रकल्प हा शहरातील या क्षेत्रातील पहिला असल्याचा दावाही यानिमित्ताने करण्यात आला. बेस्ट उपत्रमाच्या अंतर्गत येणाऱ्या नेट मीटर योजनेमध्ये समाविष्ट होणारी वर्ल्ड ट्रेड सेंटर, मुंबई ही पहिली खासगी संस्था ठरल्याचेही स्पष्ट करण्यात आले आहे.

वर्ल्ड ट्रेड सेंटर, मुंबईच्या आर्केड इमारतीवरील २५,००० चौरस फूट क्षेत्रामध्ये हा सौर उर्जा प्रकल्प उभारण्यात आला आहे. 'मॅक्सवेल सोलर ॲंड विंड एनर्जी'तर्फे प्रकल्पाचा आराखडा तसेच उभारणी करण्यात आली आहे. या प्रकल्पाद्वारे दरवर्षी ३ लाख युनिटची निर्मिती करण्यात येणार आहे. या प्रकल्पामध्ये ३१० डब्ल्यू पी क्षमतेचे ८०८ सौर फोटोव्होल्टेक मोड्युल्स वापरण्यात आले आहेत.



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### मुंबईतील वर्ल्ड ट्रेड सेंटरच्या छतावरील सौरऊर्जा प्रकल्पाचे उद्घाटन

मुंबई, मंगळवार (वृत्तसंस्था) – मुंबईतील वर्ल्ड ट्रेड सेंटर येथे बसविण्यात आलेल्या १५० किलोचेंट क्षमतेच्या रफटॉप सौरऊर्जा प्रकल्पाचे उदघाटन नुकतेच डल्ल्यूटीसी मुंबईच अध्यक्ष श्री. कमल मोरारका यांच्या हस्ते झाले. यावेळी श्री. मोरारका म्हणाले, वर्ल्ड ट्रेड सेंटरसारख्या अत्यंत प्रतिष्ठेच्या वास्तूमध्ये १५० किलोचेंट क्षमतेचा रफटॉप सौरऊर्जा प्रकल्प बसविण्यात आला आहे. त्यामुळे बेस्ट उपक्रमाच्या अंतर्गत येणाऱ्या नेट मीटर स्कीममध्ये समविष्ठ होणारी वर्ल्ड ट्रेड सेंटर, मुंबई ही पहिली खासगी संस्था उरली आहे.

वर्ल्ड ट्रेड सेंटर, मुंबईच्या आर्केड इमारतीवरील २५ हजार चौरस फूट क्षेत्रामध्ये हा सौर ऊर्जा प्रकल्प उभारण्यात आला आहे. मॅक्सवेल सोलर अँड विंड एनर्जी ग्रा. लि.' या संस्थेतर्फे या प्रकल्पाचा आराखडा तसेच



उभारणी करण्यात आली आहे. या प्रकल्पाद्वारे दरवर्षी ३ लाख युनिटसची निर्मिती करण्यात येणार आहे.

मोरारका यांनी दिलेल्या माहितीनुसार या प्रकल्पामध्ये ३१० डब्ल्यू पी क्षमतेचे ८०८ सौर फोटोव्होल्टेक मोड्युल्स वापरण्यात आले आहेत. हे मोड्युल्स ॲल्युमिनियमपासून तयार करण्यात आलेल्या विशेष स्ट्रक्चरवर बसविण्यात आले आहेत.

हे सौर मोड्युल्स पॉली क्रिस्टलाइन तंत्रज्ञानाद्वारे बनविण्यात आले आहेत. भारतामध्ये मोड्युल निर्मितीमध्ये अग्रेसर असलेल्या वारी एनर्जीस लि. या कंपनीद्वारे त्याची निर्मिती करण्यात आली आहे. या सौर ऊर्जा निर्मिती प्रकल्पाचा प्राण म्हणून ग्रीडला बसविलेल्या सौर इन्व्हर्टरकडे गाहिले जाते. त्याची निर्मिती इन्व्हर्टर निर्मितीमध्ये प्रख्यात असलेल्या एसएमए सोलार टेक्नॉलॉजीस, जर्मनी या कंपनीद्वारे केली आहे.

मोरास्का पुढे म्हणाले, सूर्यापासून स्वच्छ आणि पर्यारवरणपूरक उर्जो मिळवण्याचा मार्ग वर्ल्ड ट्रेड सेंटर, मुंबईने दाखविला आहे. आगामी २०२२ पर्यंत देशातील निर्माण होणाऱ्या एकूण उर्जेच्या १० टक्के सौरऊर्जेचे उत्पादन वाढविण्याची महत्त्वाकांक्षी घोषणा पंतप्रधान नरेंद्र मोदी यांनी केली आहे. या घोषणेला सत्यात उत्तरवण्यासाठी वर्ल्ड ट्रेड सेंटर, मुंबई प्रयत्नशील राहणार आहे. ऊर्जा निर्मिताबाबत आर्थक, सामाजिक आणि पर्यावरण या तीनही महत्त्वाच्या आघाड्यांवर आपण विकास साधू शकतो. सौरऊर्जा प्रकल्पाला महत्त्व येण्यामागचे कारण म्हणजे सौर ऊर्जा निर्मितीनंतर कोणत्याही नकारात्मक गोष्टी अस्तित्वात येत नाहीत. तसेच जागतिक हवामानबदलांशीही ते पूरक आहे. सध्या राज्यभरात वीजेची मोठी मागणी असून ती कशाप्रकारे निर्मिली जाते याकडे सगळ्यांचेच लक्ष लागून राहिले आहे. 'हरीत आणि स्वच्छ भारत' हे ध्येय असून ते गाठण्यासाठी वर्ल्ड ट्रेड सेंटरद्वारे उभारलेला सौरऊर्जा प्रकल्प आर्थिक पर्यावरणदृष्ट्या खूप महत्त्वाचा आहे.

याप्रसंगी वर्ल्ड ट्रेड सेंटर मुंबईचे उपाध्यक्ष विजय जी. कलंत्री, कॅटन सोमेश बात्रा, वर्ल्ड ट्रेड सेंटर मुंबईचे कार्यकारी संचालक शरद उपासनी, वाय. आर. वरेकर आदी उपस्थित होते.

	Media Monitor	
<b>Publication:</b>	Punynagari	
Edition: Mumbai	Date: 20.09.2016	Page No: 08

## वर्ल्ड ट्रेड सेंटरवर रूफटॉप सौरऊजी प्रकल्पाच

### दरवर्षी होणार ३ लाख युनिट्सची निर्मिती

। मुंबई : वर्ल्ड ट्रेड सेंटर येथे बसवण्यात आलेल्या २५० किलोवॅट क्षमतेच्या रूफटॉप सौरऊर्जा प्रकल्पाचे उदघाटन डब्ल्यूटीसी मुंबईचे अध्यक्ष कमल मोरारका यांच्या हस्ते झाले. वर्ल्ड ट्रेड सेंटरच्या आर्केड इमारतीवरील २५ हजार चौरस फुट क्षेत्रामध्ये हा सौरऊर्जा प्रकल्प उभारण्यात आला आहे. मॅक्सवेल सोलर ॲण्ड विंड एनर्जी प्रा.लि. या संस्थेतर्फेया प्रकल्पाचा आराखडा तसेच उभारणी करण्यात आली आहे. या प्रकल्पाद्वारे दरवर्षी ३ लाख युनिट्सची निर्मिती करण्यात येणार आहे.

या वेळी सांगितले की, वर्ल्ड ट्रेड सेंटरसारख्या

डब्ल्यटीसीचे अध्यक्ष कमल मोरारका यांनी वसविण्यात आली आहेत. ही सौर मोड्यल्स



अत्यंत प्रतिष्ठेच्या वास्तुमध्ये सौरऊर्जा प्रकल्प बसवण्यात आल्यामुळे बेस्ट उपक्रमाच्या अंतर्गत येणाऱ्या नेट मीटर स्कीममध्ये समाविष्ट होणारी वर्ल्ड ट्रेड सेंटर ही पहिली खासगी संस्था ठरली आहे. या प्रकल्पामध्ये ३१० डब्ल्यू पी क्षमतेचे ८०८ सौर फोटोव्होल्टेक मोड्युल्स वापरण्यात आले आहे. ही मोड्युल्स ॲल्युमिनियमपासून तयार करण्यात आलेल्या विशेष स्ट्रक्चरवर

आहेत. भारतामध्ये मोड्युल निर्मितीमध्ये अग्रेसर असलेल्या वारी एनर्जीस लि. या कंपनीद्वारे त्यांची निर्मिती करण्यात आली आहे. या सौरऊर्जा निर्मिती प्रकल्पाचा प्राण म्हणून ग्रीडला बसवलेल्या सौर इन्व्हर्टरकडे पाहिले जाते. त्याची निर्मिती इन्व्हर्टर निर्मितीमध्ये प्रख्यात असलेल्या एसएमए सोलार टेक्नॉलॉजीस, जर्मनी या कंपनीद्वारे केली आहे.

सर्यापासन स्वच्छ आणि पर्यावरणपरक ऊर्जा मिळवण्याचा मार्ग वर्ल्ड ट्रेड सेंटरने दाखवला आहे. आगामी २०२२ पर्यंत देशात निर्माण होणाऱ्या एकूण ऊर्जेच्या १० टक्के सौरऊर्जेचे उत्पादन वाढवण्याची महत्त्वाकांक्षी घोषणा पंतप्रधान नरेंद्र मोदी यांनी केली आहे. या घोषणेला सत्यात उतरवण्यासाठी वर्ल्ड ट्रेड सेंटर, मुंबई प्रयत्नशील राहणार आहे. ऊर्जा निर्मितीबाबत आपण योग्य भूमिका घेतल्यास आर्थिक, सामाजिक आणि पर्योवरण या तिन्ही महत्त्वाच्या आघाड्यांवर आपण विकास साधू शकतो. सौरऊर्जा प्रकल्पाला महत्त्व येण्यामागचे कारण म्हणजे सौरऊर्जा निर्मितीनंतर कोणत्याही नकारात्मक गोष्टी अस्तित्वात येत नाहीत तसेच जागतिक हवामान बदलांशीही ते पूरक आहे. सध्या राज्यभरात विजेची मोठी मागणी असन ती कशाप्रकारे निर्मिली जाते याकडे सगळ्यांचेच लक्ष लागून राहिले आहे.

	Media Monito	r
<b>Publication:</b>	The Asian Age	
Edition: Mumbai	Date: 18.09.2016	Page No: 02

### **ROOFTOP SOLAR PLANT INAUGURATED**

### AT WORLD TRADE CENTRE, MUMBAI

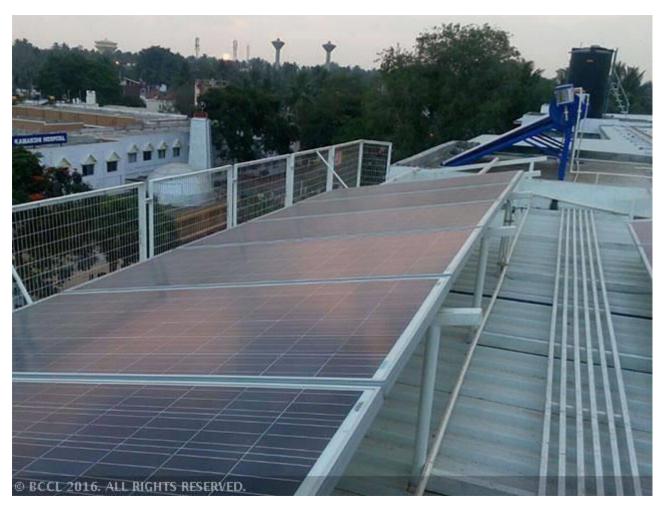


Mumbai: A high capacity 250kWp Rooftop Grid Tied Solar Photovoltaic (PV) Power Plant installed at the World Trade Centre (WTC) Mumbai was inaugurated by WTC Mumbai, chairman Kamal Morarka. "With the commissioning of the plant in the iconic tower, World Trade Centre has become the first commercial establishment in Mumbai to set up (such a plant) under the net metering scheme of BEST undertaking," Mr Morarka said. Furthermore, Mr Morarka said that the plant, designed and built by Maxwell Solar & Wind Energy Pvt. Ltd, Mumbai is spread over 25,000 square feet of roof area on the Arcade Building of the World Trade Centre.

Media Monitor		
<b>Publication:</b>	ET Energy World	
Edition: Mumbai	Date: 17.09.2016	Page No: 0

# World Trade Centre in Mumbai gets 250 kv rooftop solar plant

The plant has been set up on the Arcade building of the WTC spread across 25,000 sqft and the power from the project will cater to the air conditioning of the building and will generate over 3 lakh units annually.PTI | September 17, 2016, 18:31 IST



Mumbai: Solar solutions provider Maxwell Solar and Wind Energy has installed 250 kv grid connected rooftop solar plant at the World Trade Centre in the megapolis.

The plant has been set up on the Arcade building of the WTC spread across 25,000 sqft and the power from the project will cater to the air conditioning of the building and will generate over 3 lakh units annually.

"Through this initiative, WTC Mumbai is participating in government's mission to scale up the solar power to more than 10 percent of total energy mix by 2022," WTC Mumbai chairman Kamal Morarka said in a statement issued here today.

Media Monitor		
<b>Publication:</b>	Business Standard	
Edition: Mumbai	Date: 17.09.2016	Page No: 0

## **Business Standard**

## 250 kv rooftop solar plant set up at WTC Mumbai

Press Trust of India | Mumbai September 17, 2016 Last Updated at 18:32 IST

Solar solutions provider Maxwell Solar and Wind Energy has installed 250 kv grid connected rooftop solar plant at the World Trade Centre in the megapolis.

The plant has been set up on the Arcade building of the WTC spread across 25,000 sqft and the power from the project will cater to the air conditioning of the building and will generate over 3 lakh units annually.

"Through this initiative, WTC <u>Mumbai</u> is participating in government's mission to scale up the solar power to more than 10 percent of total energy mix by 2022,"

WTC <u>Mumbai</u> chairman Kamal Morarka said in a statement issued here today.

Media Monitor		
<b>Publication:</b>	India Today	
Edition: Mumbai	Date: 17.09.2016	Page No: 0

# 250 kv rooftop solar plant set up at WTC Mumbai



#### PTI

September 17, 2016 | UPDATED 18:30 IST

### <u>A +A -</u>

Mumbai, Sep 17 (PTI) Solar solutions provider Maxwell Solar and Wind Energy has installed 250 kv grid connected rooftop solar plant at the World Trade Centre in the megapolis. The plant has been set up on the Arcade building of the WTC spread across 25,000 sqft and the power from the project will cater to the air conditioning of the building and will generate over 3 lakh units annually.

"Through this initiative, WTC Mumbai is participating in governments mission to scale up the solar power to more than 10 percent of total energy mix by 2022," WTC Mumbai chairman Kamal Morarka said in a statement issued here today. PTI PSK ARS SDM

Media Monitor		
<b>Publication:</b>	New Mobile	
Edition: Mumbai	Date: 17.09.2016	Page No: 0



# 250 kv rooftop solar plant set up at WTC Mumbai

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Media Monitor		
<b>Publication:</b>	Prahaar Online	
Edition: Mumbai	Date: 17.09.2016	Page No: 0



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Media Monitor		
Publication:	Mumbai News Network	
Edition: Mumbai	Date: 18.09.2016	Page No: 0

### City's largest 'rooftop solar plant inaugurated at WTC Mumbai



Mumbai September 17, 2016: A High capacity

250kWp Rooftop Grid Tied Solar Photovoltaic (PV) Power Plant installed at the World Trade Centre Mumbai was inaugurated by WTC Mumbai, Chairman Mr. Kamal Morarka.

On this occasion, Mr. Morarka said "With the commissioning of the Solar Power Plant in the iconic tower, World Trade Centre has become the first commercial establishment in Mumbai to set up a 250kWp Rooftop Grid Tied Solar PV Power Plant under the net metering scheme of BEST Undertaking".

Further, Mr. Morarka said that the "Solar Plant designed and built by Maxwell Solar & Wind Energy Pvt. Ltd, Mumbai is spread over 25,000 sq.ft of roof area on the Arcade Building of the World Trade Centre and the power from Solar PV power plant will cater primarily to the air conditioning plant of the Arcade building and will generate over 3 lakh units annually".

Mr. Morarka informed that **808 Solar Photovoltaic modules each of 310Wp are used in the project**. They are mounted on specially designed aluminum module mounting structures. The Solar Modules used are of poly crystalline technology and are manufactured by Waaree Energies Ltd, one of India's leading module-manufacturing company. The Grid Tied Solar Inverters which is the heart of the Solar PV Power Plant is manufactured by the world's leading **Inverter Company - SMA Solar Technologies, AGof Germany.** 

Mr. Morarka added that "WTC Mumbai has shown the city, a way for harnessing clean, green energy from the sun and is participating in government's mission announced by **Hon'ble Prime Minister**, **Mr. Narendra Modi** to scale up the solar power to more than 10 percent of total energy mix by 2022".

In conclusion Mr. Morarka said that the right approach to energy can drive progress across all three pillars of sustainable development: economic dynamism, social progress and environmental sustainability. Solar power is attractive because it is abundant and offers a solution to the negative effects of fossil fuel emissions and global climate change with the breakthrough for renewable energy development in the city and with the demand for energy rising exponentially, the entire state is undergoing a major transformation in how it generates electricity. WTC Mumbai reinforces the economic and environmental advantage of deploying large-scale solar project and sets itself on the path of achieving the goal for Green and Clean India", stressed Mr. Morarka.

The Vice Chairmen of WTC Mumbai, Mr. Vijay G. Kalantri, Capt. Somesh Batra, Mr. Sharad Upasani and the Executive Director of World Trade Centre, Mr. Y. R. Warerkar and others were also present at this auspicious occasion.

Inauguration of rooftop solar power plant at WTC Mumbai: 1<sup>st</sup> Photo Caption (LtoR): Mr. Arif Petiwala, Managing Director, Maxwell Solar & Wind Energy Pvt. Ltd, Mumbai, Mr. Vijay Kalantri, Vice -Chairman, WTCMumbai, Ms. Rupa Naik, Director (Projects), WTC Mumbai, Mr. Kamal Morarka, Chairman, WTC Mumbai, Mr. Kaustubh Apte, Technical Director, Maxwell Solar & Wind Energy Pvt. Ltd, Mumbai, Mr. Sharad Upasani, Vice -Chairman, WTCMumbai, Mr. Y.R.Warerkar, Executive Director, WTC Mumbai and Mr. Dinesh Sharma, Director (Engineering), WTC Mumbai.

Inspecting the rooftop solar power plant seen in picture: 2<sup>nd</sup> Photo Caption (LtoR): Mr. Vijay Kalantri, Vice -Chairman, WTC Mumbai, Mr. Kamal Morarka, Chairman, WTC Mumbai, Mr. Sharad Upasani, Vice - Chairman, WTC Mumbai, Mr. Y.R.Warerkar, Executive Director, WTC Mumbai, Mr. Kaustubh Apte, Technical Director, Maxwell Solar & Wind Energy Pvt. Ltd, Mumbai, Mr. Dinesh Sharma, Director (Engineering), WTC Mumbai Mr. Arif Petiwala, Managing Director, Maxwell Solar & Wind Energy Pvt. Ltd, Mumbai.

3<sup>rd</sup> Photo Caption (LtoR): Mr. Kamal Morarka, Chairman, WTC Mumbai, Mr. Vijay Kalantri, Vice - Chairman, WTCMumbai, Mr. Sharad Upasani, Vice - Chairman, WTCMumbai, and Mr. Y.R.Warerkar, Executive Director, WTC Mumbai

Media Monitor		
<b>Publication:</b>	Daily News	
Edition: Mumbai	Date: 18.09.2016	Page No: 0

City's Largest Rooftop Solar Plant Inaugurated at WTC Mumbai



### by Shrutee K/DNS

Mumbai September 17, 2016: A High capacity 250kWp Rooftop Grid Tied Solar Photovoltaic (PV) Power Plant installed at the World Trade Centre Mumbai was inaugurated by WTC Mumbai, Chairman Mr. Kamal Morarka.

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Media Monitor		
<b>Publication:</b>	NRI News 24*7	
Edition: Mumbai	Date: 18.09.2016	Page No: 0



### CITY'S LARGEST 'ROOFTOP SOLAR PLANT INAUGURATED AT WTC MUMBAI



## City's largest 'rooftop solar plant inaugurated at WTC Mumbai

Posted By: <u>admin</u>on: September 18, 2016In: <u>RegionalNo Comments</u>

Print Email

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Media Monitor		
<b>Publication:</b>	<b>Bullet Daily News</b>	
Edition: Mumbai	Date: 18.09.2016	Page No: 0

Sunday, 18 September 2016

### WTC Mumbai



### दCity's largest 'rooftop solar plant inaugurated at WTC Mumbai

Mumbai September 17, 2016: A High capacity 250kWp Rooftop Grid Tied Solar Photovoltaic (PV)

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Further, Mr. Morarka said that the "Solar Plant designed and built by Maxwell Solar & Wind Energy Pvt. Ltd, Mumbai is spread over 25,000 sq.ft of roof area on the Arcade Building of the World Trade Centre and the power from Solar PV power plant will cater primarily to the air conditioning plant of the Arcade building and will generate over 3 lakh units annually".

Mr. Morarka informed that **808 Solar Photovoltaic modules each of 310Wp are used in the project**. They are mounted on specially designed aluminum module mounting structures. The Solar Modules used are of poly crystalline technology and are manufactured by Waaree Energies Ltd, one of India's leading module-manufacturing company. The Grid Tied Solar Inverters which is the heart of the Solar PV Power Plant is manufactured by the world's leadingInverter Company - SMA Solar Technologies, AGof Germany.

Mr. Morarka added that "WTC Mumbai has shown the city, a way for harnessing clean, green energy from the sun and is participating in government's mission announced by **Hon'ble Prime Minister, Mr. Narendra Modi** to scale up the solar power to more than 10 percent of total energy mix by 2022".

In conclusion Mr. Morarka said that the right approach to energy can drive progress across all three pillars of sustainable development: economic dynamism, social progress and environmental sustainability. Solar power is attractive because it is abundant and offers a solution to the negative effects of fossil fuel emissions and global climate change with the breakthrough for renewable energy development in the city and with the demand for energy rising exponentially, the entire state is undergoing a major transformation in how it generates electricity. WTC Mumbai reinforces the economic and environmental advantage of deploying large-scale solar project and sets itself on the path of achieving the goal for Green and Clean India", stressed Mr. Morarka.

The Vice Chairmen of WTC Mumbai, Mr. Vijay G. Kalantri, Capt. Somesh Batra, Mr. Sharad Upasani and the Executive Director of World Trade Centre, Mr. Y. R. Warerkar and others were also present at this auspicious occasion

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# City's largest 'rooftop solar plant inaugurated at World Trade Centre Mumbai



(LtoR): Mr. Vijay Kalantri, Vice -Chairman, WTC Mumbai, Mr. Kamal Morarka, Chairman, WTC Mumbai, Mr. Sharad Upasani, Vice -Chairman, WTC Mumbai, Mr. Y.R.Warerkar, Executive Director, WTC Mumbai, Mr. Kaustubh Apte, Technical Director, Maxwell Solar & Wind Energy Pvt. Ltd, Mumbai, Mr. Dinesh Sharma, Director (Engineering), WTC Mumbai Mr. Arif Petiwala, Managing Director, Maxwell Solar & Wind Energy Pvt. Ltd, Mumbai.

POSTED BY: GAUTAM SAHIJWALA SEPTEMBER 19, 2016

A High capacity 250 kWp Rooftop Grid Tied Solar Photovoltaic (PV) Power Plant installed at the World Trade Centre Mumbai was inaugurated by WTC Mumbai, Chairman Mr. Kamal Morarka.

On this occasion, Mr. Morarka said "With the commissioning of the Solar Power Plant in the iconic tower, World Trade Centre has become the first commercial establishment in Mumbai to set up a 250 kWp Rooftop Grid Tied Solar PV Power Plant under the net metering scheme of BEST Undertaking".



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#### CITY'S LARGEST 'ROOFTOP SOLAR PLANT INAUGURATED AT WTC MUMBAI

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City's largest 'rooftop solar plant inaugurated at WTC Mumbai

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Mumbai September 17, 2016: A High capacity

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Inauguration of rooftop solar power plant at WTC Mumbai: 1st Photo Caption (LtoR): Mr. Arif Petiwala, Managing Director, Maxwell Solar & Wind Energy Pvt. Ltd, Mumbai, Mr. Vijay Kalantri, Vice -Chairman, WTCMumbai, Ms. Rupa Naik, Director (Projects), WTC Mumbai, Mr. Kamal Morarka, Chairman, WTC Mumbai, Mr. Kaustubh Apte, Technical Director, Maxwell Solar & Wind Energy Pvt. Ltd, Mumbai, Mr. Sharad Upasani, Vice -Chairman, WTCMumbai, Mr. Y.R.Warerkar, Executive Director, WTC Mumbai and Mr. Dinesh Sharma, Director (Engineering), WTC Mumbai.

Inspecting the rooftop solar power plant seen in picture: 2nd Photo Caption (LtoR): Mr. Vijay Kalantri, Vice -Chairman, WTC Mumbai, Mr. Kamal Morarka, Chairman, WTC Mumbai, Mr. Sharad Upasani, Vice - Chairman, WTC Mumbai, Mr. Y.R.Warerkar, Executive Director, WTC Mumbai, Mr. Kaustubh Apte, Technical Director, Maxwell Solar & Wind Energy Pvt. Ltd, Mumbai, Mr. Dinesh Sharma, Director (Engineering), WTC Mumbai Mr. Arif Petiwala, Managing Director, Maxwell Solar & Wind Energy Pvt. Ltd, Mumbai.