



## SOLAR, PHOTOVOLTAIC & THERMAL QUESTIONNAIRE

طلب تأمينات وثيقة جميع الأخطار الخاصة بمحطات الطاقة الشمسية

### SECTION 1 - INSURED PARTIES: Parties to be named in the policy as insured

: المؤمن لهم: القسم الاول

Principal	
Contractors/ المقاولون	
Sub Contractors / مقاولى الباطن	
Financiers	

**PLEASE NOTE: Contract conditions should be consulted to ensure all parties who must be insured have been included for their respective interests**

### SECTION 2 – COVER REQUESTED

: التغطية المطلوبة: القسم الثاني

Anticipated Effective Dates التواريخ الفعلية المتوقعة	فترة التعويض / Indemnity Periods				
	Yes	No	12 mths	18 mths	24 mths
Transit / النقل					
Delay in Start Up / التأخير فى البدء					
Erection All Risks / جميع اخطار التركيب					
Advance Loss of Revenue خسائر الإيرادات					
Operating All Risks جميع مخاطر التشغيل					
Business Interruption/ توقف الاعمال					
Construction Plant / الالات البناء					
Terrorism / الارهاب					

### Excess Level / التحمل

Section of Cover / قسم التغطية	Excess		Other
Material Damage / اضرار مادية	£5,000	£10,000	
Business / توقف الاعمال	5 Days	10 Days	



			حدود التعويض / Limit of Indemnity		
Public & Products Liability مسئولية عامة ومنتجات	Yes	No	£5m	£10m	Other
Construction / البناء					
Operation / التشغيل					

### SECTION 3 – SOLAR, PHOTOVOLTAIC & THERMAL UNITS

وحدات الطاقة الشمسية والضوئية والحرارية : القسم الثالث

Manufacturer / المصنع		
Model		
Capacity of Panels kW / MW / قدرة الألواح		
Converter/Inverter/Transformer / التحويل		
Capacity of Transformer/ القدرة على التحويل		
Certification agency for type approval		
Certification level		
Are Panels Certificated under IEC61215	Yes	No
If No please give details		
Have the plans, designs & materials used in this project been used in previous developments هل يوجد تصاميم ورسوم مستخدمة في المشروع من قبل	Yes	No
If No please give details / في حاله النفي يذكر التفاصيل		

### SECTION 4 – THE SITE

Project Address & Post / Zip Code عنوان المشروع / البريد		
<b>Significant physical &amp; environmental features of the site</b> السمات المادية والبيئية للموقع		
General topography of site/ الطبيعة الجغرافية للموقع		
Details of potential exposure to natural hazards such as earthquakes, volcanoes & tsunamis تفاصيل خطر التعرض للاخطار الطبيعة مثل الزلازل والبراكين وتسونامي		
Are the structures designed to withstand the above hazards / هل هناك اجراءات مصممة لتفادي هذا الخطر	Yes	No
Details of any aggravated risk of fire or explosion اي تفاصيل خاصة بخطر الحريق او الانفجار		
Details of any environmentally sensitive areas or sites of special scientific interest nearby اي تفاصيل خاصة تؤثر		
Meteorological conditions / الاحوال الجوية		



Nearby rivers, lakes or sea & distance therefrom أقرب نهر ، بحيرة أو بحر		
Security arrangements at site such as fencing & alarms الاجراءات الامنية فى الموقع مثل اجهزة الانذار		
Details of precautions taken to remove vegetation from the site تفاصيل احتياطات ازالة الحشائش من الموقع		
Other / اخرى		
<b>Electrical installation / التركيبات الكهربائية</b>		
Are site distribution lines between units & site substation owned & insured by the project هل خطوط التوزيع بين الوحدات والموقع مملوكة ومؤمنة بالمشروع	Yes	No
If No provide the name of the owner of the site distribution lines فى حالة النفي يذكر اسم المالك مالك الموقع لخطوط التوزيع		
Is site substation owned & insured by the project هل موقع المحطة الفرعية مؤمن بالمشروع	Yes	No
If No provide the name of site substation owner فى حالة النفي يذكر مالك المحطة الفرعية		
Direct to grid or via site substation transformer مباشرة على الشبكة أو عبر موقع محطة المحولات		
Specification/rating of site substation transformer مواصفات/تصنيف لموقع محطة المحولات		
Maintenance programme for the site substation transformer - Annual inspection etc برنامج الصيانة للمحولات محطة فرعية للموقع--التفتيش السنوي إلخ		
Length & route of grid transmission lines between site substation & grid substation طول والطريق لشبكة خطوط النقل بين موقع المحطة الفرعية & محطات الشبكة		
Are these buried or overhead	Buried	Overhead
If buried are they in conduit	Yes	No
Who is responsible for these lines المسئول عن هذه الخطوط	Contractor	Operator/Utility
Is grid substation owned & insured by the Utility	Yes	No
If No provide the name of grid substation owner فى حالة النفي يذكر اسم المالك		
Distance of grid substation from wind farm & its location		



Does grid substation serve other wind energy projects هل المحطة تخدم مشروعات طاقة رياح اخرى	Yes	No
If Yes please provide details: في حالة الموافقة تذكر التفاصيل		

## SECTION 5 – CONTRACT WORKS

اعمال العقد : القسم الخامس

Duration of the contract مدة العقد		
Anticipated completion date تاريخ الانتهاء المتوقع		
<b>PLEASE PROVIDE A PROJECT BAR CHART</b>		
Maintenance/defects liability period مدة الصيانة		
Is there to be a phased hand over	Yes	No
Details of access roads to site تفاصيل		
Type of foundation or support structures to be used		
Describe method of installing / securing / fixing units		
<b>If cover for own/hired plant is to be included, please provide the details requested in the Statement of Values form at the rear of this document.</b>		

## SECTION 6 – OPERATION

Anticipated operation date	
Details of warranties applicable for <u>All Equipment</u> including the relevant periods	
Details of any spare parts held & their location address(s)	
Lead times for ALL major components	
<b>Operation &amp; Maintenance</b>	
Who carries out O&M work, including electrical installation	
What is the frequency & what work is carried out	



Response time to site		
Number of technicians on site		
Is a SCADA system in operation	Yes	No
If Yes, where is the signal received		
Who responds to an alarm call		
Frequency of routine visits to site		
Brief description of key parameters monitored by SCADA system		



## SECTION 7 – PUBLIC & PRODUCTS LIABILITY

Proximity to other buildings/dwellings		
Is work carried out in respect of:		
Demolition	Yes	No
Use of Explosives	Yes	No
If Yes to either of the above, please provide details:		
Maximum depth of excavations		
Adjacent footpaths/roads		
Details of public access		
Adjacent industry including forestry/agriculture		
Proximity of public services		
Are visitors allowed on site	Yes	No
If Yes in what capacity & approximate numbers per visit?		

## SECTION 8 – GENERAL INFORMATION

Details of any loses in last five years, whether insured or not		
Who is current insurer of the site		
Has the current insurer invited renewal	Yes	No
If Yes, advise terms required		
Any further information which you may feel is relevant & which will assist the underwriter's consideration of the risk		



**SECTION 9 - STATEMENT OF VALUES**

Insured	
Project Name	
Project Site	

Equipment Description			Physical Damage			Loss Of Income	
Panel Model & Manufacturer	kW	Year Installed	Number of Units	Value Per Unit	Total Value	Revenue Per Unit	Total Revenue
Solar, Photovoltaic & Thermal Panels							
Converters, Inverters & Trackers							
Foundations							
Substation(s)							
Transformers, switchgear, panels & circuit breakers							
Computer monitoring system							
Operations building(s)							
Transmission & distribution lines, cabling, grid connection and miscellaneous electrical equipment							
Roads hard standing, fencing & fees etc.							
Other Property – Specify	Construction Plant – Owned						
Other Property - Specify	Construction Plant - Hired In Charges / Values						
Total Insured Value- GBP/EUR/AUD							
Total Project Limit - GBP/EUR/AUD							

**DECLARATION**

I/We declare that to the best of my/our knowledge and belief the above statements are true and complete and will form part of the contract between me/us and the Underwriters.

Signature -  
Name -

Date -  
Position -



***orient***

Takaful Insurance Company - Egypt  
أورينت للتأمين التكافلي - مصر