

10th **Safety Gala** **Albania**

TIRANA INTERNATIONAL SAFETY CONFERENCE

Mr. Gerti Brahimi

HSE Coordinator, VOLTALIA ALBANIA

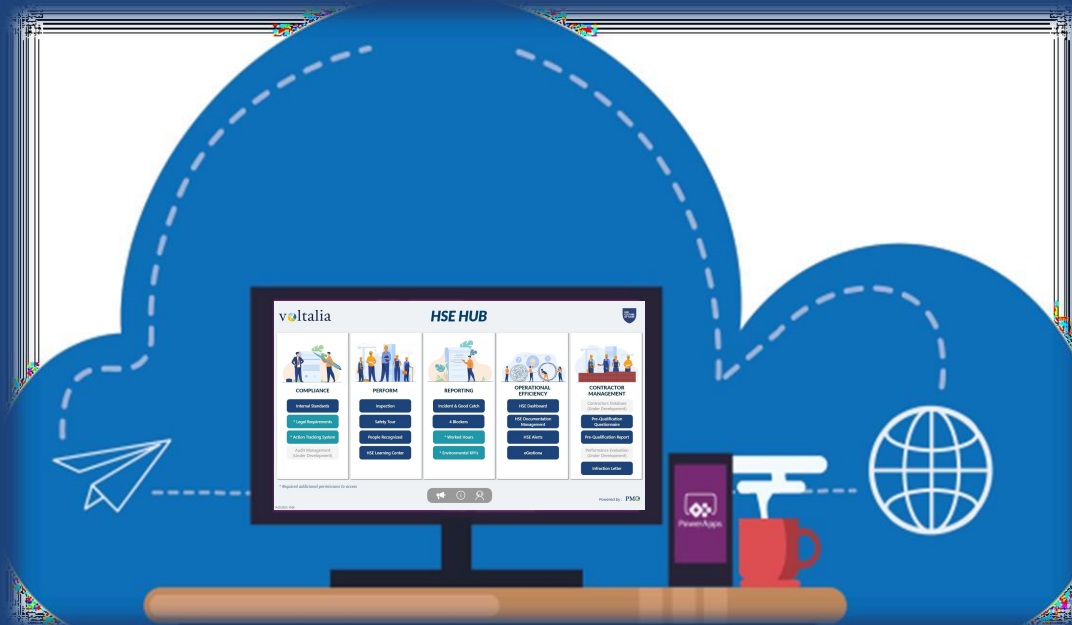
ERM**MC** member of
MANAGEMENT FORCE Group
RISK MANAGEMENT & EHSS CONSULTANCY SERVICES

SAFETY SYNERGY
Competence, Growth & Sharing

Together, building
the culture of care

Fiiix & LOTO: Digital Platform/ Tools and LOTO implementation

HSE
CULTURE
OF CARE



voltalia



HSE HUB








COMPLIANCE

Internal Standards

* Legal Requirements

* Action Tracking System

Audit Management (Under Development)



PERFORM

Inspection

Safety Tour

People Recognized

HSE Learning Center



REPORTING

Incident & Good Catch

4 Blockers

* Worked Hours

* Environmental KPI's



OPERATIONAL EFFICIENCY

HSE Dashboard

HSE Documentation Management

HSE Alerts

eGestiona



CONTRACTOR MANAGEMENT

Contractors Database (Under Development)

Pre-Qualification Questionnaire

Pre-Qualification Report

Performance Evaluation (Under Development)

Infraction Letter

* Required adicional permissions to access





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14.02.2023 | V526



eGestiona



INTRANET



CLIENTE



Gestão Intranet

Cliente:
 Nome de Utilizador:
 Senha:

Entrar

Esqueceu-se da sua senha? Clique AQUI para gerar uma nova.



EXTRANET

Document Manager						
Document Tree						
	Code	Version	Validity	Editor	Published	
eGestiona Platform Manuals						
English						
Clients Manuals						
Extranet Manuals						
Intranet Manuals						
Access control consultation	MInt_37	2		GEDOC , HELPDESK	04/11/2022	
Access to the eGestiona application	MInt_01	2		GEDOC , HELPDESK	04/11/2022	
Access to the eGestiona application	MInt_01	2		GEDOC , HELPDESK	04/11/2022	
Activation, deactivation and elimination...	MInt_03	2		GEDOC , HELPDESK	04/11/2022	
Activation, deactivation and elimination...	MInt_10	2		GEDOC , HELPDESK	04/11/2022	
Activation, deactivation and elimination...	MInt_07	2		GEDOC , HELPDESK	04/11/2022	
Advanced Business Intelligence	MInt_27	2		GEDOC , HELPDESK	04/11/2022	
Alteration of job positions	MInt_06	2		GEDOC , HELPDESK	04/11/2022	
Application access data	MInt_29	2		GEDOC , HELPDESK	04/11/2022	
Assignment of classifications	MInt_23	2		GEDOC , HELPDESK	04/11/2022	
Change of workers equipment between companies	MInt_28	2		GEDOC , HELPDESK	04/11/2022	
Classifications creation and management	MInt_22	2		GEDOC , HELPDESK	04/11/2022	
Company consultation	MInt_04	2		GEDOC , HELPDESK	04/11/2022	
Company's registration	MInt_02	2		GEDOC , HELPDESK	04/11/2022	
Consultation and management of extranet requests	MInt_16	2		GEDOC , HELPDESK	04/11/2022	

Voltalia Albania | egestion.albania@voltalia.com | Group Company | DPR: | DPS: |

FileControl PanelWork CentersWorkersEquipmentCoordinationContact

SummaryAuthorize PendingPendingValidHistoryCancelled

Status

Receive Pending

Send Pending

Work Center

Company

OriginDocument Type

To optimize search results only show the first 3000 records

					AC	Start	End	Document Type	Element	Company	
☐									gerti		
☐					Yes			ALVLTW.012.HSE Site Induction	Brahimi, Gerti (VOLT00002082)	Voltalia Albania (M11403024T)	Karavata 1
☐					Yes			ALVLTW.011.Electrical Safety Category	Brahimi, Gerti (VOLT00002082)	Voltalia Albania (M11403024T)	
☐					Yes			ALVLTW.019.Health & Safety Site Coordin	Brahimi, Gerti (VOLT00002082)	Voltalia Albania (M11403024T)	
☐					Yes			ALVLTW.036.Professional Education	Brahimi, Gerti (VOLT00002082)	Voltalia Albania (M11403024T)	
☐					Yes			ALVLTW.037.LockOut/TagOut Authorized	Brahimi, Gerti (VOLT00002082)	Voltalia Albania (M11403024T)	
☐					Yes			ALVLTW.038.LockOut/TagOut Affected Ind	Brahimi, Gerti (VOLT00002082)	Voltalia Albania (M11403024T)	
☐					Yes			ALVLTW.016. First aid training (Theoretica	Brahimi, Gerti (VOLT00002082)	Voltalia Albania (M11403024T)	
☐					Yes			ALVLTW.017.Firefighting / Fire Evacuatio	Brahimi, Gerti (VOLT00002082)	Voltalia Albania (M11403024T)	

Records: 8

Documentary captionFunctionality caption

CancelRequest

voltalia

Support Center

LibraryAddressPromotersResponsible

Record DateLevelSub.?DPRDPSAC

Information

Document:ALVLTW.036.Professional Education
Worker:Gerti Brahimi
Creation Date:11/11/2024, 13:54
Company:Voltalia Albania
Status document:Send Pending

FileNotesFeaturesAssociationsTraceabilityHistoryIncidents

Effective Date*13/11/2024Due Date*13/11/2074

Document Manager

Library

File on PC

Paper

Attach File*Choose FileMASTER OF SCIENCE DEGREE.pdfFile:

Description

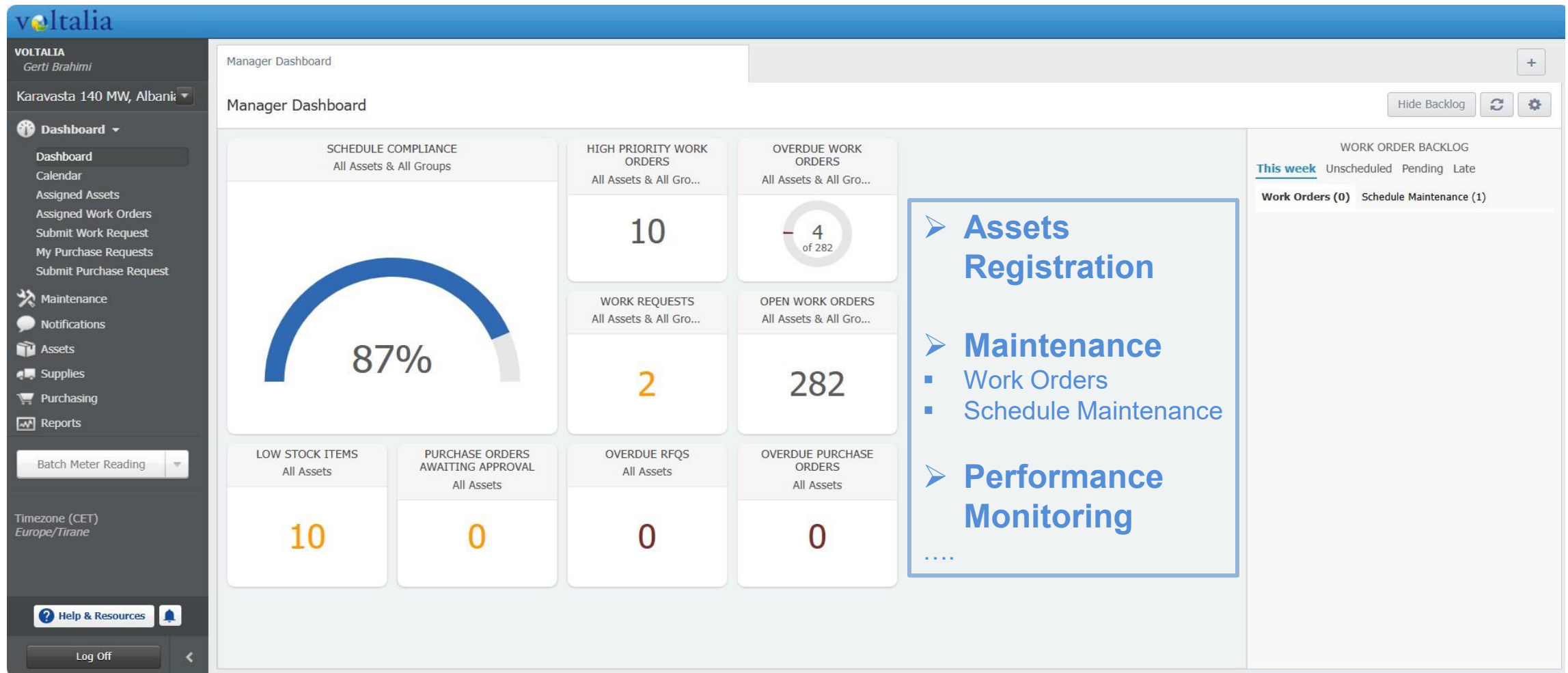
Comments

Save



Fiix Platform & LOTO Implementation

Fiix

**HSE
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VOLTALIA

Gerti Brahimi

Karavasta 140 MW, Albania

Dashboard

Maintenance

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Work Orders

(Built-in filter) Status group: Active

Hit ENTER to start search

Code	Description	Type	Assets	Site	Status	Assigne
1010550	RAK01-AD-Field Engineers office works- work procedures- work in...	Administrative	Karavasta 140 MW, Albania (#AL.RAK01-A00)	Karavasta 140 MW, Albania (#AL.R...	Open	Arlind S
881903	RAK01-AD-Plant Manager working hours	Administrative	Karavasta 140 MW, Albania (#AL.RAK01-A00)	Karavasta 140 MW, Albania (#AL.R...	Open	Esmera
818851	RAK01-T&C-Thermography inspection of MC4 (100%)	Testing & Comm...	Karavasta 140 MW - Albania - PV (#PV.AL.RAK01)	Karavasta 140 MW, Albania (#AL.R...	Work In Progress	Arlind S
980547	RAK01-HSE-PPE Inspection	HSE	Safety/Personal Protective Equipment (PPE) Management (#4084E1946N...	Karavasta 140 MW, Albania (#AL.R...	Work In Progress	Fatmir I
1019443	RAK01-CM- JB 10.2.08 SSX-P1 Board not working (defected)	Corrective	Array Junction Box 0274 (#PV.AL.RAK01 =G00.MCA20.XD0274)	Karavasta 140 MW, Albania (#AL.R...	Open	Elson G
1019438	RAK01-CM- JB 12.2.03 SSX-P1 board is not working, found defected	Corrective	Array Junction Box 0325 (#PV.AL.RAK01 =G00.MCA20.XD0325)	Karavasta 140 MW, Albania (#AL.R...	Open	Elson G
1019398	RAK01-CM-Karavasta.JBox 14.1.10-SSX-P1 board not working (def...	Corrective	Array Junction Box 0374 (#PV.AL.RAK01 =G00.MCA20.XD0374)	Karavasta 140 MW, Albania (#AL.R...	Work In Progress	Elson G
1019397	RAK01-CM-Karavasta.JBox 17.2.06-Unexpected Data-SSX-P1 boar...	Corrective	Array Junction Box 0468 (#PV.AL.RAK01 =G00.MCA20.XD0468)	Karavasta 140 MW, Albania (#AL.R...	Work In Progress	Elson G
1018100	RAK01-CM-Karavasta.JBox 07.1.08- P1 Communication Board Issues	Corrective	Array Junction Box 0176 (#PV.AL.RAK01 =G00.MCA20.XD0176)	Karavasta 140 MW, Albania (#AL.R...	Work In Progress	Krisel K
1018098	RAK01-CM-Karavasta.JBox 07.1.01- P1 Communication Board Issues	Corrective	Array Junction Box 0169 (#PV.AL.RAK01 =G00.MCA20.XD0169)	Karavasta 140 MW, Albania (#AL.R...	Work In Progress	Krisel K
1018095	RAK01-CM-Karavasta.JBox 06.1.03- P1 Communication Board Issues	Corrective	Array Junction Box 0143 (#PV.AL.RAK01 =G00.MCA20.XD0143)	Karavasta 140 MW, Albania (#AL.R...	Work In Progress	Keldi Di
1018094	RAK01-CM-Karavasta.JBox 04.1.11- P1 Communication Board Issues	Corrective	Array Junction Box 0095 (#PV.AL.RAK01 =G00.MCA20.XD0095)	Karavasta 140 MW, Albania (#AL.R...	Work In Progress	Krisel K
1017235	RAK01-CM-Karavasta.JBox 16.1.01-Unexpected Data-SSX-P1 boar...	Corrective	Array Junction Box 0421 (#PV.AL.RAK01 =G00.MCA20.XD0421)	Karavasta 140 MW, Albania (#AL.R...	Work In Progress	Eriseld
1017127	RAK01-CM-KARAVASTA - VP21 Camera 50 Offline (Communication...	Corrective	Video Surveillance System (VSS) Camera 0050 (#PV.AL.RAK01 =A00.YVS...	Karavasta 140 MW, Albania (#AL.R...	Open	Asti Tik
1016242	RAK01-CM-Karavasta.JBox 06.2.03-SSX-P1 board not working/ not...	Corrective	Array Junction Box 0157 (#PV.AL.RAK01 =G00.MCA20.XD0157)	Karavasta 140 MW, Albania (#AL.R...	Work In Progress	Asti Tik
1016240	RAK01-CM-Karavasta.JBox 16.1.14-SSX-P1 board not working/ not...	Corrective	Array Junction Box 0434 (#PV.AL.RAK01 =G00.MCA20.XD0434)	Karavasta 140 MW, Albania (#AL.R...	Work In Progress	Krisel K
1016239	RAK01-CM-Karavasta.JBox 16.1.08-G1 power supply output is uns...	Corrective	Array Junction Box 0428 (#PV.AL.RAK01 =G00.MCA20.XD0428)	Karavasta 140 MW, Albania (#AL.R...	Work In Progress	Krisel K
1016238	RAK01-CM-Karavasta.JBox 17.1.02- G1 power supply output is uns...	Corrective	Array Junction Box 0450 (#PV.AL.RAK01 =G00.MCA20.XD0450)	Karavasta 140 MW, Albania (#AL.R...	Work In Progress	Krisel K
1016013	RAK01-CM-Karavasta.JBox 13.2.10-Unexpected Data-SSX-P1 com...	Corrective	Arrav Junction Box 0360 (#PV.AI .RAK01 =G00.MCA20.XD0360)	Karavasta 140 MW, Albania (#AI .R...	Work In Progress	Friseld

100

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HSE HUB – Safety GALA Presentation | 8

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VOLTALIA

Gerti Brahimi

Karavasta 140 MW, Albania

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Work Order Administration: WO 980547

#4084E1946N.AL-04.RAK01.FT
=M000.CMH.S - Safety/Personal
Protective Equipment (PPE)
Management

Online

Set Offline

Location that will impact
World

Add another asset

Work Order Status

Work In Progress

Asset

Safety/Personal Protective Equipment (PP



Maintenance Type

HSE

Priority

Medium

Project

Suggested Start Date

Aug 01, 2025 08:20:05 AM

Suggested Completion Date

Oct 30, 2025 08:20:00 AM

Date Created

Aug 01, 2025 08:20:05 AM

Signed by ()

Signed on ()

☐ Requires Signature

General

Completion

Labor Tasks

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Meter Readings

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Misc Costs Page

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Work Log

Custom

Summary of Issue

RAK01-HSE-PPE Inspection

Optimized Execution Date

Work Instructions

1. Visual Inspect all PPEs
2. MT.01: Works Preparation Time
3. MT.02: Travel Time
4. MT.03: Test Time
5. MT.04: Effective Maintenance Time
6. MT.05: Troubleshooting Time
7. MT.06: Subcontractor
8. MT.07: Extra Time

Assigned To Users

Fatmir Koço, PV Technicians

Estimated Labor

8.00 hours

Actual Labor

1.00 hours

Completed By

Fatmir Koço

Date Completed

This Work Order has multiple tasks, [go to the tasks list](#) to sign off on your work procedures

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**SCADA
NOTIFICATION**



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Gerti Brahim

Karavasta 140 MW, Albania

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Europe/Tirane

Work Orders (Built-in filter) Status: Closed, Completed

ENTER to start search

☐	691634	RAK01-CM- BROKEN PV PANEL, TC2, String 2.1.8.6	Corrective	PV Modules (#PV.AL.RAK01 =G00.MGA00)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	PV Technicians	High	Kaldi Dimo			
☐	691672	RAK01-CM-Inverter 3.1- Unsealed cable entrance	Corrective	Inverter Group 0003 (#PV.AL.RAK01 =G00.MKC10.TB80003)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	PV Technicians	Medium	Kaldi Dimo			
☐	691697	RAK01-CM-Inv. 4.2 - Cable 4.2.6A+ - Washer damaged	Corrective	Inverter Group 0004 (#PV.AL.RAK01 =G00.MKC10.TB80004)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	Asti Tiko, PV Technicians	Medium	Asti Tiko	0.00		
☐	691698	Rak01-CM- Anchor point of main carrier of tracker string 4.1.3.6 , ...	Corrective	Solar Tracker (#PV.AL.RAK01 =G00.USS20)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	PV Technicians	Low	Eriseld Lala			
☐	691699	RAK01-CM-Check Earthing Tracker-Str:4.1.3.12- Earthing not prop...	Corrective	Solar Tracker 0004 (#PV.AL.RAK01 =G00.USS20.UJ0004)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	PV Technicians	Low	Eriseld Lala			
☐	693196	RAK01-CM- Anemometer stuck , TC1 Weather Station	Corrective	Weather Station/Met Mast (#PV.AL.RAK01 =B00.AEM10)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	PV Technicians	High	Krisel Kola	0.00		
☐	693261	RAK01-CM- Troubleshooting on solar tracking/EPC	Corrective	Solar Tracker (#PV.AL.RAK01 =G00.USS20)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	Kaldi Dimo, Krisel Kola, Xh...	Medium	Kaldi Dimo, Krisel Kola, Xh...	18.00		
☐	693557	Rak01-cm-tc5-Replacing of the AC inductive filter	Corrective	Inverter Group 0009 (#PV.AL.RAK01 =G00.MKC10.TB80009)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	Asti Tiko, Esmeraldo Emini...	Medium	Asti Tiko, Esmeraldo Emini...	14.00		
☐	693585	RAK01-CM- Troubleshooting on JB's for insulation fault/EPC	Corrective	Array Junction Box (#PV.AL.RAK01 =G00.MCA20)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	Krisel Kola, PV Technicians	Medium	Asti Tiko, Krisel Kola	4.00		
☐	693660	RAK01-CM- D01/QB2 and Bus coupler QB2 Switch disconnector no...	Corrective	Break Disconnector (#4084E1946N.AL-04.RAK01.FT =W101.AHQ.A)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	PV Technicians	High	Eriseld Lala			
☐	693662	RAK01-CM- Door locks on Administrations Building are not safe.	Corrective	Buildings (#PV.AL.RAK01 =G00.UJBU)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	PV Technicians	High	Xhejdi Kolici			
☐	693699	Rak01-CM-Temp sensor is not attached on the back of pv modules...	Corrective	PV Field (#PV.AL.RAK01 =U00.ZAA00)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	Eriseld Lala, PV Technicians	Low	Eriseld Lala	0.50		
☐	693917	Rak01-cm-tc15- Replacing of the AC inductive filter	Corrective	Inverter Group (#PV.AL.RAK01 =G00.MKC10)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	Asti Tiko, Esmeraldo Emini...	Medium	Asti Tiko, Esmeraldo Emini...	14.00		
☐	694403	Rak01-cm-Solar Tracker troubleshooting and recovering from mal...	Corrective	Solar Tracker (#PV.AL.RAK01 =G00.USS20)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	Arind Sauli, Asti Tiko, Eris...	Medium	Arind Sauli, Asti Tiko, Eris...	153.00		
☐	694441	RAK01-CM- Many trackers stopped in wrong position	Corrective	Solar Tracker (#PV.AL.RAK01 =G00.USS20)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	PV Technicians	High	Kaldi Dimo			
☐	694442	Rak01-cm- team support for inverter AC filter testing & replaceme...	Corrective	Inverter Group (#PV.AL.RAK01 =G00.MKC10)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	Arind Sauli, Asti Tiko, Eris...	Medium	Arind Sauli, Asti Tiko, Eris...	195.00		
☐	694646	Rak01-cm- Internal access roads doesn't have road warnings and L...	Corrective	Internal Access Roads/Paths (#PV.AL.RAK01 =U00.ZCS20)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	Elson Gusko, Krisel Kola, ...	Medium	Elson Gusko, Krisel Kola	2.00		
☐	695579	Rak01-cm-isolation fault troobleshooting on inverter 17.1	Corrective	Inverter Group 0017 (#PV.AL.RAK01 =G00.MKC10.TB80017) · PV Field (...)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	Krisel Kola	Medium	Arind Sauli, Kaldi Dimo, K...	3.00		
☐	696015	RAK01-CM-SUBSTATION-Emergency Generator, the MCCB input/o...	Corrective	Karavasta 140 MW, Albania (#AL.RAK01-A00)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	Arind Sauli, Eriseld Lala, P...	Low	Arind Sauli, Eriseld Lala	2.00		
☐	696024	Rak01-CM-Juction box 5.1.5 do not has the label	Corrective	Array Junction Box (#PV.AL.RAK01 =G00.MCA20)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	PV Technicians, Xhejdi Kolici	Medium	Kaldi Dimo, Xhejdi Kolici	0.66667		
☐	697405	RAK01-CM-Correction works on MV switchgear on substation	Corrective	MV Switchgear (#4084E1946N.AL-04.RAK01.FT =W101.AHQ.B)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	Asti Tiko, Esmeraldo Emini...	High	Asti Tiko, Esmeraldo Emini...	12.00		
☐	697624	RAK01-CM- Troubleshooting at inverter 17.1 insulation fault / EPC	Corrective	Inverter Group (#PV.AL.RAK01 =G00.MKC10) · PV Field (#PV.AL.RAK01 ...)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	PV Technicians	Medium	Asti Tiko, Krisel Kola	3.00		
☐	697677	RAK01-CM-Coordination of working operations and outages for M...	Corrective	MV Switchgear (#4084E1946N.AL-04.RAK01.FT =W101.AHQ.B)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	Arind Sauli, Asti Tiko, Jos...	High	Arind Sauli, Asti Tiko, Es...	13.00		

995879 RAK01-CM-Karavasta.JBox 02.1.03.8-Stopped-MC4 found damaged Corrective Array Junction Box 0031 (#PV.AL.RAK01 =G00.MCA20.XD0031) Karavasta 140 MW, Albania (#AL.B... Closed, Completed

☐	700040	Rak01-CM-Weather Station/Met Mast 0004-W54-Ground erosion	Corrective	Weather Station/Met Mast 0004 (#PV.AL.RAK01 =B00.AEM10.BUB0004)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	PV Technicians	Medium	Kaldi Dimo	0.00		
☐	700122	Rak01-CM-Tc 5- Inverter 5.1 is with insulation fault troubleshooting	Corrective	Inverter Group (#PV.AL.RAK01 =G00.MKC10)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	PV Technicians, Xhejdi Kolici	High	Asti Tiko, Xhejdi Kolici	2.00		
☐	700359	Rak01-CM-Temperature sensors 0007-MOD TEMP 3-Temperature s...	Corrective	Temperature sensors 0007 (#PV.AL.RAK01 =B00.AEM30.TPS0007)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	PV Technicians	Medium	Xhejdi Kolici	0.00		
☐	700360	RAK01-CM-Junction Boxes-Troubleshooting works for Insulation fa...	Corrective	Karavasta 140 MW - Albania - PV (#PV.AL.RAK01)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	Eriseld Lala, Kaldi Dimo, K...	High	Eriseld Lala	6.00		
☐	700389	Rak01-CM-Temperature sensors 0012-MOD TEMP 8-Temperature s...	Corrective	Temperature sensors 0012 (#PV.AL.RAK01 =B00.AEM30.TPS0012)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	PV Technicians	Medium	Asti Tiko			
☐	705622	RAK01-CM-Support works for Sineng (EPC contractor)	Corrective	Inverter Group 0001 (#PV.AL.RAK01 =G00.MKC10.TB80001)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	Arind Sauli, Asti Tiko, Eris...	Medium	Arind Sauli, Asti Tiko, Eris...	28.00		
☐	706017	RAK01-CM-Inverter Group-Troubleshooting	Corrective	Inverter Group (#PV.AL.RAK01 =G00.MKC10)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	PV Technicians	Medium	Xhejdi Kolici	3.25		
☐	708427	Rak01-CM-TC11- Replacing of the Ac filters to the Inverter 11.1	Corrective	Inverter Group (#PV.AL.RAK01 =G00.MKC10)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	Asti Tiko, PV Technicians, ...	Medium	Asti Tiko, Xhejdi Kolici	14.00		
☐	708577	RAK01-CM- Insulation fault on Inverter 7.1 /EPC	Corrective	Inverter Group 0013 (#PV.AL.RAK01 =G00.MKC10.TB80013) · PV Field (...)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	PV Technicians	Medium	Asti Tiko, Eriseld Lala, Kris...	8.00		
☐	710202	RAK01-CM-Insulation fault on Inverter1.2 / EPC	Corrective	Array Junction Box 0016 (#PV.AL.RAK01 =G00.MCA20.XD0016)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	PV Technicians	Medium	Asti Tiko, Krisel Kola	2.00		
☐	710342	RAK01-CM-Insulation fault on Inverter 8.1 / EPC	Corrective	Inverter Group (#PV.AL.RAK01 =G00.MKC10) · PV Field (#PV.AL.RAK01 ...)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	Arind Sauli, Asti Tiko, PV ...	Medium	Arind Sauli, Asti Tiko, Kris...	6.00		
☐	710343	RAK01-CM- Insulation fault on Inverter 7.1 / EPC	Corrective	Inverter Group (#PV.AL.RAK01 =G00.MKC10) · PV Field (#PV.AL.RAK01 ...)	Karavasta 140 MW, Albania (#AL.B...	Closed, Completed	PV Technicians	Medium	Arind Sauli, Asti Tiko, Kris...	4.50		

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Karavasta 140 MW, Albani

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Timezone (CET)
Europe/Tirane

Work Order Administration: WO 995879

Work Order Status: Closed, Completed
Maintenance Type: Corrective
Project:
Date Created: Aug 31, 2025 07:00:03 AM

Asset: Array Junction Box 0031 (#PV.AL.RAK01)
Priority: Lowest
Suggested Start Date: Sep 01, 2025 01:35:21 PM
Suggested Completion Date:
Signed by:
Signed on:
☐ Requires Signature

QR Code

General Completion Labor Tasks Parts Meter Readings Purchase Order Misc Costs Page Notifications Files Work Log Custom

Requestor: SysUser for Application [APP:56879, T:10731] Email: Phone:

[Click here to find work orders with similar problem](#)

Summary of Issue
RAK01-CM-Karavasta.JBox 02.1.03.8-Stopped-MC4 found damaged

Optimized Execution Date:
31

Work Instructions

1. Affected Capacity [kWp]
2. Stopped-JBox input stopped- Please verify.
3. HS- Is a second person present during the activity? For low risk work, identify who gave authorization for the activity to be carried out.
4. HS- Are the Protective Collective/Personnel Equipment available and in good condition to perform the activity (Insulated platform, insulated gloves, fire retardant uniform, helmet, footwear with electrical protection, etc.) and the fire fighting equipment/ first aid kit near the work area?
5. HS- Is the LOTO equipment available for the correct execution of the consignment (lock out/Tag out)?

Assigned To Users
Arlind Sauli, Elson Gusho, PV Technicians

Estimated Labor

Actual Labor
3.50 hours

Completed By
Arlind Sauli, Elson Gusho

Date Completed
Sep 02, 2025 02:44:44 PM



★	HS - If it is not possible to guarantee ALL the of following five measures, STOP the work and involve the O&M Coordinator and/or the HSE Coordinator	Add Labor			☐ Pass	[EN] HSE: Permit To ...
★	HS - Is a second person present during the activity? For low-risk work, identify who gave authorization for the activity to be carried out.	Add Labor			☐ Pass	[EN] HSE: Permit To ...
★	HS - Are the Protective Collective/Personnel Equipment available and in good condition to perform the activity (Insulated platform, insulated gloves, fire-retardant uniform; helmet; foo...	Add Labor			☐ Pass	[EN] HSE: Permit To ...
★	HS - Is the LOTO equipment available for the correct execution of the consignment (Lock-out/Tag-out)?	Add Labor			☐ Pass	[EN] HSE: Permit To ...
★	HS - Is the work area properly signaled/delimited?	Add Labor			☐ Pass	[EN] HSE: Permit To ...
★	HS - Is the equipment out of voltage or at least zero power/consignment confirmed (except for measurements)? - (mandatory to attach photo)	Add Labor			☐ Pass	[EN] HSE: Permit To ...

LOTO

1. LOTO Specific Procedure_Solar conector, String Cable, PV Module R2
2. LOTO Specific Procedure_DC Cable from JB to Inverter R2
3. LOTO Specific Procedure_G3 Switchgear-SBS Feeders Rev.1
4. LOTO Specific Procedure_SBS 30 kV H01-220 kV TR. Rev.1
5. LOTO Specific Procedure_SBS 220 kV D03-Bus Coupler bay Rev.1
6. LOTO Specific Procedure_SBS 220 kV D02-OHL bay Rev.1
7. LOTO Specific Procedure_SBS 30 kV H02-Cap.Bank Rev.1
8. LOTO Specific Procedure_SBS 30 kV H08-Aux.TR Rev.1

volta EQUIPMENT SPECIFIC LOTO PROCEDURE

Machine / Equipment	Location (site/installation)	Activity
PV String 18.2.13.10	Karavasta PV Plant	Replace solar connector or string cable or PV Module installed on the solar cable at the PV modules side

Scope and Purpose

The objective is to replace the solar connector, string cable or PV Module installed on the negative or positive solar cable of the string 18.2.13.10 at the PV modules side.

Equipment Location, Energy Isolation Point(s) and Lockout Devices

LOTO Equipment	Collective and Individual Protective Equipment	Tools and Test equipment's
- 2 pcs Individual Authorized LOTO Lock; - 2 pcs Individual Authorized Identification Tags; - 1 pcs Auxiliary Lockout Device (Adjustable Cable); - 1 Group Lock Out Device; - 2 pcs under voltage tags; - 2 pcs loto locking device for string connectors;	- Electrical Insulating gloves - minimum class 0 (IEC 60903); - Arc flash gloves CAT II with inner cotton gloves; - Safety electric boots; - Electrical insulating helmet and arc flash visor; - Fire resistance clothing;	- Multimeter for 1,5kVdc (with clamp meter); - Electrical screwdriver; - Cable terminals, Plastic cable tie, Crimping pliers for MC4 and Universal; - Solar connectors assembly tool; - Arrangements for solar cable earthing;

Energy Source and Magnitude	Energy Isolating Device(s)	LOTO Method (9S Steps)
Electric 1500V (DC)	Check photos	1- Preparation for shutdown • Inform the person in charge of the area, the equipment operator and all affected individuals about the intervention; • Prepare and observe the entire area around the equipment, isolate it and signal it; • Prepare the work area; • Identify the energy isolation point(s); • Make sure you have all necessary equipment available (LOTO, collective and individual protective equipment); • Obtain the Permit to Work - Electrical Works
		2- Shutdown • Open the junction box 18.2.13 (see photo 1) locate the JB main switch located at the right side as shown in photo 2; Switch off the main switch;
		3- Isolation (JB) • At JB identify the positive (+) fuse holders block as shown in photo 2, with DC clamp meter on the cable connected at the base of the fuse holder first confirm absence of current, open all fuse holders; • At JB identify the negative (-) fuse holder block as shown in photo 2, with DC clamp meter on the cable connected at the base of the fuse holder first confirm absence of current, open fuse holder; • At PV modules side (see project layout to locate) identify the solar cable str 18.2.13.10 (-), as shown in photo 4,5,6, or Solar Panel as shown in photo 7 with DC clamp meter confirm the absence of current and open the solar connectors;
		4- LOTO • Install the auxiliary lockout device (cable wire) on the fuse holders (+) block and (-) block in open position, apply individual lock and tag, as shown in photo 3; • Install individual lock and tag on the Main DC switch; • Install loto locking device for MC4 connectors at both connectors. Install warning signs at both connectors "Danger under voltage"
		5-Controlling stored energy • At JB on the base of the fuse holder (-) F10 and (+) F10 confirm absence of Voltage against the ground
		6- Verification of isolation (zero energy state) • At JB side verify that fuse holder (-) F10 and (+) F10 and DC main switch is properly LOTO in open position - try out LOTO • At PV modules side on the solar cable str 18.2.13.10 (-), verify absence of voltage between the connector electrical contact pin and the ground and confirm continuity between connector and ground, remove the warning sign "Danger under Voltage" from the connector installed on the solar cable

Return to Service

- 1- Notify affected employees;
- 2- Check area security and remove all tools and debris;
- 3- Connect the solar cable 18.2.13.10 (-) to the PV modules/string;
- 4- Verify voltage and polarity between (+) F10 and (-) F10 base fuse;
- 5- Remove the Lock and auxiliary lockout devices from the (+) Fuse block and (-) Fuse block holders;
- 6- Insert the fuse on the (+) Fuse block and (-) Fuse block and close;
- 7- Remove lock on the DC main switch and close the DC main switch;
- 8- Measure and evaluate the current on the base of string 13;
- 9- If any step above is not ok, REPEAT the LOTO starting with the Step by Step described above;
- 10- If the operation is ok, the equipment is ready for normal use.

Elaboration	Approval
Name / Function: Artind Sauli / Field Engineer	Name / Function: Esmaraldo Emrini / O&M Site Manager
[O&M-PRO-001-01-AL-S-RAS01-EN]	VERSION Nº:1
	VERSION DATE: 19/08/2024



LOTO



EQUIPMENT SPECIFIC LOTO PROCEDURE

Machine / Equipment	Location (site/installation)	Activity
PV String 18.2.13.10	Karavasta PV Plant	Replace solar connector or string cable or PV Module installed on the solar cable at the PV modules side
Scope and Purpose		
The objective is to replace the solar connector, string cable or PV Module installed on the negative or positive solar cable of the string 18.2.13.10 at the PV modules side.		
Equipment Location, Energy Isolation Point(s) and Lockout Devices		
		
LOTO Equipment	Collective and Individual Protective Equipment	Tools and Test equipment's
- 2 pc's Individual Authorized LOTO Lock; - 2 pc's Individual Authorized Identification Tags; - 1 pc's Auxiliary Lockout Device (Adjustable Cable); - 1 Group Lock Out Device - 2 pc's under voltage tags; - 2 pc's lotto locking device for string connectors;	- Electrical insulating gloves - minimum class 0 IEC 60903; - Arc flash gloves CAT II with inner cotton gloves - Safety dielectric boots; - Electrical insulating helmet and arc flash visor; - Fire resistance clothing.	- Multimeter for 1,5kVdc (with clamp meter); - Electrical screwdriver - Cable terminals, Plastic cable tie, Crimping pliers for MC4 and Universal - Solar connectors assembly tool - Arrangements for solar cable earthing



LOTO

Energy Source and Magnitude	Energy Isolating Device(s)	LOTO Method (06 Steps)	
Electric 1500V (DC)	Check photos	1- Preparation for shutdown	• Inform the person in charge of the area, the equipment operator and all affected individuals about the intervention; • Prepare and observe the entire area around the equipment, isolate it and signal it; • Prepare the work area; • Identify the energy isolation point(s); • Make sure you have all necessary equipment available (LOTO, collective and individual protective equipment); • Obtain the Permit to Work - Electrical Works
		2- Shutdown	• Open the junction box 18.2.13 (see photo 1) locate the JB main switch located at the right side as shown in photo 2; Switch off the main switch;
		3- Isolation (JB)	• At JB identify the positive (+) fuse holders block as shown in photo 2, with DC clamp meter on the cable connected at the base of the fuse holder first confirm absence of current, open all fuse holders ; • At JB identify the negative (-) fuse holder block as shown in photo 2, with DC clamp meter on the cable connected at the base of the fuse holder first confirm absence of current, open fuse holder ; • At PV modules side (use project layout to locate) identify the solar cable str 18.2.13.10 (-), as shown in photo 4,5,6, or Solar Panel as shown in photo 7 with DC clamp meter confirm the absence of current and open the solar connectors.
		4- LOTO	• Install the auxiliary lockout device (cable wire) on the fuse holders (+) block and (-) block in open position, apply individual lock and tag, as shown in photo 3. • Install individual lock and tag on the Main DC switch • Install loto locking device for MC4 connectors at both connectors. Install warning signs at both connectors "Danger under Voltage"
		5- Controlling stored energy	• At JB on the base of the fuse holder (-) F10 and (+) F10 confirm absence of Voltage against the ground
		6- Verification of isolation (zero energy state)	• At JB side verify that fuse holder (-) F10 and (+) F10 and DC main switch is properly LOTO in open position - try out LOTO • At PV modules side on the solar cable str 18.2.13.10 (-), verify absence of voltage between the connector electrical contact pin and the ground and confirm continuity between connector and ground, remove the warning sign "danger under Voltage" from the connector installed on the solar cable.
Return to Service			
1 - Notify affected employees; 2 - Check area security and remove all tools and debris; 3 - Connect the solar cable 18.2.13.10 (-) to the PV modules/string 4 - Verify voltage and polarity between (+)F10 and (-)F10 base fuse 5 - Remove the Lock and auxiliary lockout devices from the (+) Fuse block and (-) Fuse block holders; 6 - Insert the fuses on the (+) Fuse block and (-) Fuse block and close. 7 - Remove lock on the DC main switch and close the DC main switch 8 - Measure and evaluate the current on the base of string 13; 9 - If any step above is not ok, REPEAT the LOTO starting with the Step by Step described above. 10 - If the operation is ok, the equipment is ready for normal use.			

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VOLTALIA

Gerti Brahimi

Karavasta 140 MW, Albani

Dashboard

Maintenance

Work Orders

Scheduled Maintenance

Task Groups

Projects

Notifications

Assets

Supplies

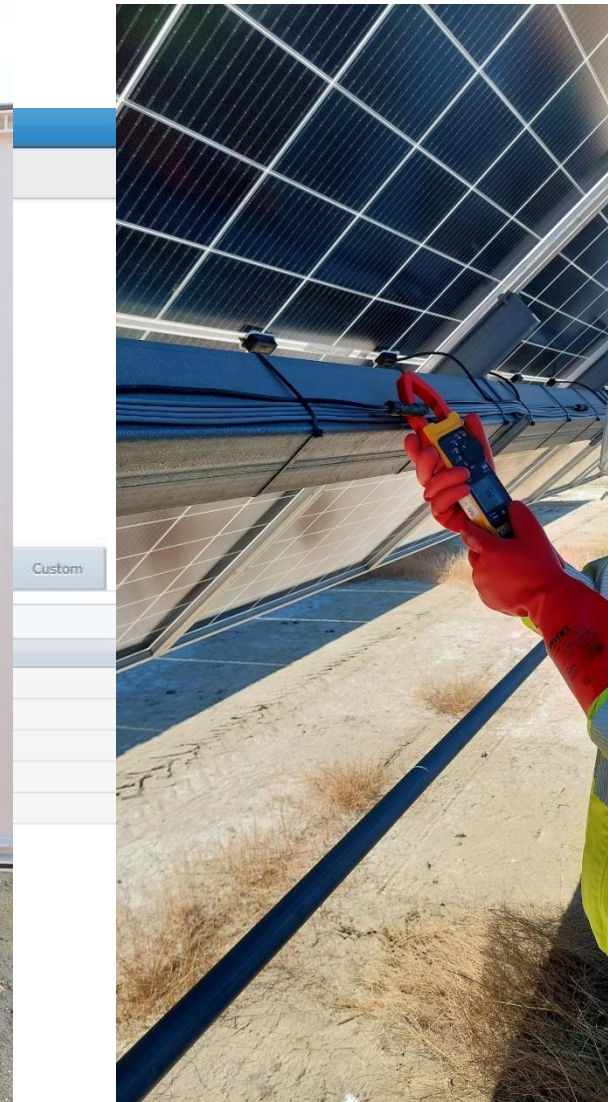
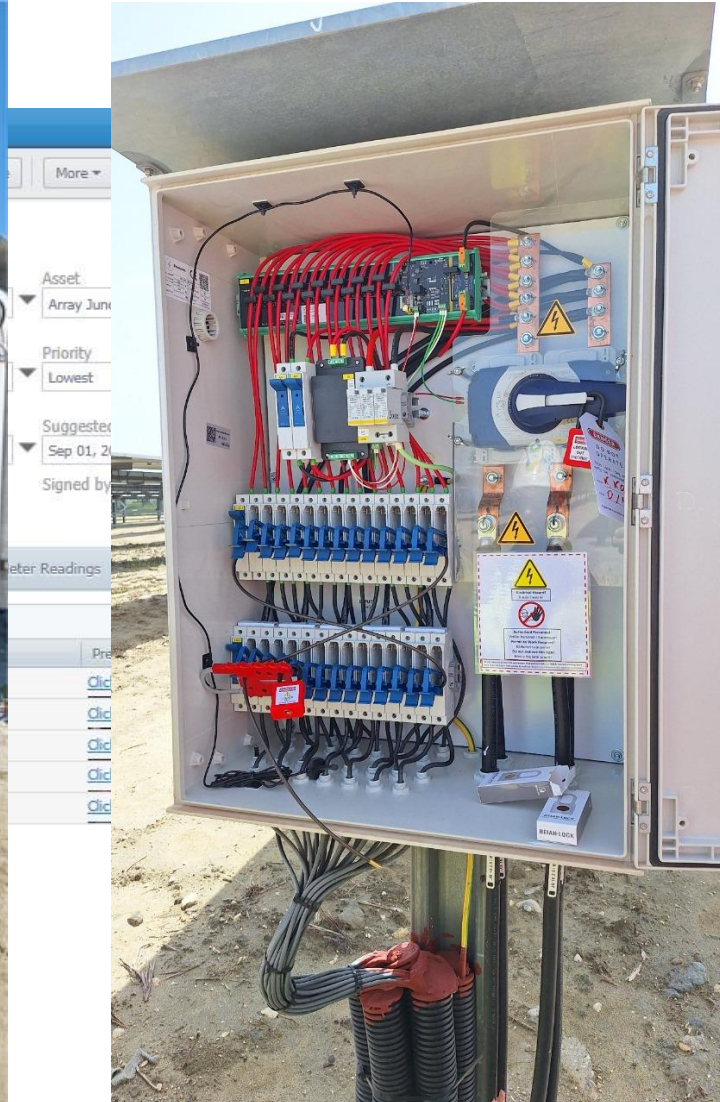
Purchasing

Reports

Batch Meter Reading

Timezone (CET)

Europe/Tirane



Thank you!

Together, building
the culture of care



v**o**ltalia