



1. Tripping details (Transaction code - ZPM07)

GSS wise equipment tripping details can be capture

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 ▼ Pavorites • ★ MB52 - List • ★ TW21 - Creation 	of Warehouse Stocks on Hand ate PM Notification - General
Step Action	
(1) Enter T-c	ode- ZPM07 and press Enter
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Header Details	
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Trip Id	
Location	
Functional loc.	
Item Details	
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Tripping type	3
Trip Code	
Trip Date	00:00:00
Close Date	00:00:00 Trip Status
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Tripping details initial screen



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Item Details	
Fault Type	▼
Tripping type	3
Trip Code	
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Difference	0 Day 00:00:00
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Alarm Indication	xee oc mik pr
Remote End Relay Ind	xee oc and eb

Step	Action
(1)	Click on Create icon



CREATE Tripping	g Details
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Header Details	
Trip / No Trip	Trip 🔻
Trip Id	£00000001
Location	001 GSS-Katra
Functional loc.	SS-KATRA-132KV-BAY101 132KV FATUHA-KATRA
Item Details	
Fault Type	Fault Trip 🔹
Tripping type	OVER VOLTAGE TRIP
Trip Code	
Trip Date	24.06.2020 00:00:00
Close Date	00:00:00 Trip Status
Difference	0 Day 00:00:00
Relay Indication	xee ge wik ee
	Tripped on r phase
Alarm Indication	<u>Xer or mr pe</u>
	Yes
Remote End Relay Ind	
	Tripped on Y phase

Step	Action
(1)	Enter Trip type, Location and functional location
(2)	Enter Fault type, Tripping Type, Trip date and Trip time
(3)	Enter relay Indication, Alarm Indication etc. and click on save icon.

Contraction of the second seco	Project – SUGAM(BSPTCL) End User Manual Plant Maintenance
🔄 System Help	
CREATE Trippi	ing Details
Header Details	
Trip / No Trip Trip Id Location Functional loc.	Trip ω00000001 GSS-Katra SS-KATRA-132KV-BAY101 132KV FATUHA-KATRA
☞ System Help	💌 « 🔚 I 🞕 🚱 I 🚔 🛗 👘 I 🖏 🎝 🎝 🎝 I 🌄 🖻 I 🎯 🖳
Tripping Details Create Change	ఈ Display ⊉Refresh
Header Details	
Tripping No. 10000000 Message no. SY002	24 is created.

After save the transaction unique trip number is generated.

For Trip Closing: For trip closing click on Change icon and enter trip number

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Tripping	Details
🗋 Create 🖌	Change 🗞 Display 🔁 Refresh
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Trip Id	
Location	
Functional loc.	

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Location	
Functional loc.	

CHANGE Trippin	ng Details
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Header Details	
Trip / No Trip Trip Id Location Functional loc.	Trip I 1000000024 001 GSS-Katra SS-KATRA-132KV-BAY101 132KV FATUHA-KATRA
Item Details	
Fault Type	Fault Trip 🔹
Tripping type	OVER VOLTAGE TRIP
Trip Code	▼ 🕫
Trip Date	24.06.2020 13:00:00
Close Date	24.06.2020 15:00:00 Trip Status Closed

Step	Action
(1)	Enter trip Close date and timing







Tripping I	•) « 🔚 I 🜏	🔗 😪 🚔	66121) 🗋 🗊 🗐 🗐 🗍	n 🗉
Tripping I						<u>е</u> и
	Details Re	port				
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Selection Criteri	а					
Trip Date			٦	to		B
Planning Plant				to		
Maint. Planner	Group			to		2
Functional Loc	ation			to		2

Tripping Details Report Initial screen

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Tripping Deta	ils Report			
Cripping Deta	ils Report			
Cripping Deta Content Selection Criteria Trip Date	ils Report	01.01.2020	to 30.06.2020	
Selection Criteria Trip Date Planning Plant	ils Report	01.01.2020	to 30.06.2020	
Selection Criteria Trip Date Planning Plant Maint. Planner Group	ils Report	01.01.2020	to 30.06.2020 to to	

Step	Action
(1)	Enter Trip date
(2)	Enter planning plant

Trippin	ng Details i	Report						
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Trip/No Trip	Changed Date	Plant Description	Division Name	Function Location Name	Trip Id	Trip Date	Tripping type	Tripping Type Description
Trip	03.01.2020	Trans Circle	Div-Patna East	132KV KATRA-GAIGHAT	100000005	03.01.2020	003	TRANSFORMER PROTN TRIF
Trip	04.01.2020	Trans Circle	Div-Patna East	132KV FATUHA-KATRA	100000008	04.01.2020	003	TRANSFORMER PROTN TRIF
Trip	16.01.2020	Trans Circle	Div-Patna East	132KV FATUHA-KATRA	100000009	16.01.2020	002	LOAD SHEDDING
Trip	16.01.2020	Trans Circle	Div-Patna East	132KV KATRA-GAIGHAT	100000010	16.01.2020	004	TRF SWITCHING
Trip		Trans Circle	Div-Patna East	132KV FATUHA-KATRA	100000011	21.01.2020	002	LOAD SHEDDING
Trip		Trans Circle	Div-Patna East	132KV FATUHA-KATRA	100000013	04.02.2020	007	DISTANCE PROTN TRIP
Trip	03.02.2020	Trans Circle	Div-Patna East	132KV FATUHA-KATRA	100000012	03.02.2020	010	OVER VOLTAGE TRIP
Trip		Trans Circle	Div-Patna East	132KV KATRA-GAIGHAT	100000014	04.02.2020	005	UNDER FREQ PROTN TRIP
Trip		Trans Circle	Div-Patna East	132KV TRANSFORMER NO 1	100000016	04.02.2020	001	SHUTDOWN
Trip		Trans Circle	Div-Patna East	KATRA 132/33 KV Substation	100000017	04.02.2020	002	LOAD SHEDDING
Trip	04.02.2020	Trans Circle	Div-Patna East	132KV FATUHA-KATRA	100000015	04.02.2020	001	SHUTDOWN
No Trip		Trans Circle	Div-Patna East		100000006	03.01.2020		
Trip		Trans Circle	Div-Patna East	KATRA 132/33 KV Substation	100000018	04.02.2020	005	HIGH VOLTAGE IN THE SYS
Trip		Trans Circle	Div-Patna East	132KV FATUHA-KATRA	100000019	04.02.2020	001	SHUTDOWN
Trip	17.02.2020	Trans Circle	Div-Patna East	132KV BUS COUPLER	100000020	17.02.2020	002	LOCAL BRKR BACKUP PROTI
Trip	10.06.2020	Trans Circle	Div-Patna East	132KV FATUHA-KATRA	100000022	10.06.2020	002	LOAD SHEDDING
Tripping	g report							

3. Transmission line losses details (Transaction code ZPM06)



Step	Action	
(1)	Enter T-code- ZPM06 and press enter	
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Tran	nsmission Line Losses Reading	
Location	n Details	
Location		
Energy	Cons. Month	
	eate 🖉 Change 🐼 Display	

Transmission line losses initial screen

Project – SUGAM(BSPTCL)	
End User Manual	
Plant Maintenance	

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Transm	ission Line Losses Reading
Location Deta	ails
Location Energy Cons.	001 Month 06.2020
Create	Change & Display

Step	Action
(1)	Enter Location and month
(2)	Click on create icon

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CREATE Transmis	ssion Line Losses	Reading					
Location Details							
Location Energy Cons. Month	001 GSS-Katra 06.2020						
Energy Consumption Detai	ls						
Functional Location	Description	Energy Sent Read	Energy Receive R	Reading Differe	Trans. Line(%)	Remarks	
TL-132KV-FATUH-GA	32KV D/C Fatuha (Saighat	1,000.000	990.000	10.000	1.000	Z Text	* *

Step	Action
(1)	Enter transmission line
(2)	Enter Energy sent, Energy Receive press enter

Project – SUGAM(BSPTCL)	
End User Manual	
Plant Maintenance	

Step	Action
(3)	System calculate the reading difference, line loss in percentage

System Help	
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CREATE Transm	nission Line Losses Reading
Location Datails	
Location Details	
Location Details	001 GSS-Katra

Step	Action
(1)	Click on save

4. Energy Consumption Reading(Transaction code ZPM05)



Step	Action
(1)	Enter T-code- ZPM05 and press Enter

Project – SUGAM(BSPTCL) End User Manual	
Plant Maintenance	

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Energy (Consumption Reading
Selection	
Location Month	
Create	Change 😚 Display
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Energy consumption reading initial screen

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Energy Consumption Reading
Selection
Location 001
Month 05.2020
Create Change & Display

Step	Action
(1)	Enter GSS location
(2)	Enter month
(3)	Click on create icon

Project – SUGAM(BSPTCL)	
End User Manual	
Plant Maintenance	

Energy Consumption Reading

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м	onth		06	5.2020													
Tran	sactio	onal (Data														
	Nev	w/Ok	d Ir	np/Exp	Name of Feeders	Text	Functio	Company C	From	То	Init. Reading(M	Fin. Readin	Adva	M.F.	Actual Consumpt R	Remarks	
	N N	lew	▼ E	Export	000000000010000363	Energy Meter	SS-KATR	1000	01.06.2020	30.06.2020	100.0000	200.0000	100.00.	0.5000	50.0000		-
	0 0	ld	▼I	Import	000000000010000362	Energy Meter	SS-KATR	1000	05.06.2020	20.06.2020	250.0000	500.0000	250.00	1.0000	250.0000		-
	_																
	_																

Step	Action
(1)	Select operation type New or old, Select send or received
(2)	Select Energy Meter, Enter company code, From and To date.
(3)	Enter initial reading, enter final reading and MF factor press enter

- System Help					
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Energy Consum	ption Reading				
Header Data					
Location 001 GSS Month 06.2020	S-Katra				
New/Old Imp/Exp	Name of Feeders	Text	Functio	Company C	From
New/Old Imp/Exp	Name of Feeders t ▼ 0000000000000000361	Text Energy Meter	Functio SS-KATR	Company C 1000	From 01.06.2020
New/Old Imp/Exp N New VE Expor O Old VI Impor	Name of Feeders た 00000000010000361 た 00000000010000362	Text Energy Meter Energy Meter	Functio SS-KATR SS-KATR	Company C 1000 1000	From 01.06.2020 05.06.2020
New/Old Imp/Exp N New VE Expor O Old VI Impor	Name of Feeders t ▼ 000000000010000361 t ▼ 000000000010000362	Text Energy Meter Energy Meter	Functio SS-KATR SS-KATR	Company C 1000 1000	From 01.06.2020 05.06.2020

Step	Action
(1)	Click on save icon

5. Thermovision scanning of switchyard (transaction code ZPMTMV)



Step	Action
(1)	Enter T-code- ZPMTMV and press Enter

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SAP								
Creat	e 🖉 Change	ể♂ Display						
Transmis	Transmission Scanning of Switchyard Equipment							
Planne Date o	er Group	001 12.06.2020						

Step	Action		
(1)	Enter planner group and date of measurement		
(2)	(2) Click on Create icon		

Project - SUGAM(BSPTCL)

End User Manual

Plant Maintenance

	Create the Thermovision	n Scanning					
1	Thermovision Scanning of Switchyard E	Equipment					
	Planner Group	001 GSS-Katra			Equipment Number	100000131	
	Date of Measurement	12.06.2020			Make of Camera		
	Functional Location	132KV FATUHA-KATRA		-	Ambient Temperature	32 ° C	
S	Switch Yard Location						ļ
		R	Y	В			
	Line Isolater(Line Side)				1		
	Jumper Connector	35	36	40	• c		
	Contacts	35	35	40	• c		
	Line Isolater(Breaker Side)				l		
	Jumper Connector	35	32	35	° C		
	Contacts	33	33	35	° C		
	Breaker				•		
	Isolater Side	35	32	40	° C		
	C.T Side	32	32	35	° C		
	С.Т						
	Breaker Side	35	36	37	°c		

Step	Action		
(1)	Select Functional location		
(2)	Enter Equipment number, Ambient temperature		
(3)	Enter R Y B Temperature value of line Isolator, Breaker, Transformer, CT etc.		
(4)	Save the Transaction		