Water Scada Website Tutorial



# Tutorial for Water Scada Website Prepared by: CISNR

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# 1. Login

To login, open browser i.e. Google chrome (recommended), Mozilla Firefox Internet explorer, Microsoft edge etc. and enter the link: <u>www.wsscs.net</u>. It will display the following page. Enter your credentials i.e. your username and password and press enter or click login.

Username Password Log In Reset Powerd by: CISINR

# 2. Pumps Dashboard

After you login, the first page you see will be pumps dashboard.

		Water & Sanitation Service Compo Mingora-Swat Powered By CISNR	my Gienr	
WSSC Mingora Swat				
Admin admin@gmail.com MANN NAVIGATION	Pumps Dashboard			Home > Pumps Dashboard     Search Pump ID/Name
et Dashboard III Pump List ✓ Switching <	Off SAIDU SHARIF No. 2 - Jazz Device ID: 1G1PU05	Offline CANCER HOSPITAL NF Device ID: 161PU06	On MEDICAL COLLEGE - Telenor Device (D: 1G1PU07	On SHNA KRAPA - Telenor Device ID: 161PU08
* EnergyLogs        Lat Reports        A Faults        L Users	Last Pulse: 2020-02-10 10:23:00 Average Voltage = 0 Volts Total Current = 0 Amps Average Power Factor = 0.98 Total KVA = 0 Switch Off Time: 2020-02-10 09:28:44 Off due to: Load Shedding	Last Pulse: 2020-02-10 04:00:54 Average Voltage = 0 Volts Total Current = 0 Amps Average Power Factor = 0.38 Total NKA = 0 Offline Time: 2020-02:10 04:00:54 Non-Functional	Last Pulse: 2020-02-10 10:21:33 Average Voltage = 225.71 Volts Total Current = 157.09 Amps Average Power Factor = 0.78 Total KVA = 35.45 Switch On Time: 2020-02-10 09:24:05 On due to: Manual	Last Pulse: 2020-02-10 10:22:05 Average Voltage = 231.06 Volts Total Current = 10.367 Amps Average Power Factor = 0.78 Total KVA = 23.97 Switch On Time: 2020-02:10 07:00:00 On due to: Auto-Online
🕒 Logout	Switch On Details	Switch Details	Switch Off Details	Switch Off Details

This dashboard has multiple information about pumps. These are listed below:

- Current Status (Ex. On/Off/Offline)
- Name/location (Ex. SAIDU SHARIF No. 2 Jazz)
- Device ID (Ex. IG1PU05)
- Last Pulse: Last time when the device communicated with the server.

- Average Voltage (in volts)
- Total Current (in amps)
- Average Power Factor
- Total KVA
- Switch on time (Last event time)
- On due to: (Cause of the last event Ex. Manual/Auto/Load Shedding)

There are two buttons on the card for each pump:

• Switch

Switch has the states.

• Switch On Switch On

It means the pump is currently switched off. By pressing this button, pump will be switched on.

- Switch Off Switch Off It means that pump is currently switched on. By clicking this button, pump will be switched off.
  - Switch (Disabled button) Switch

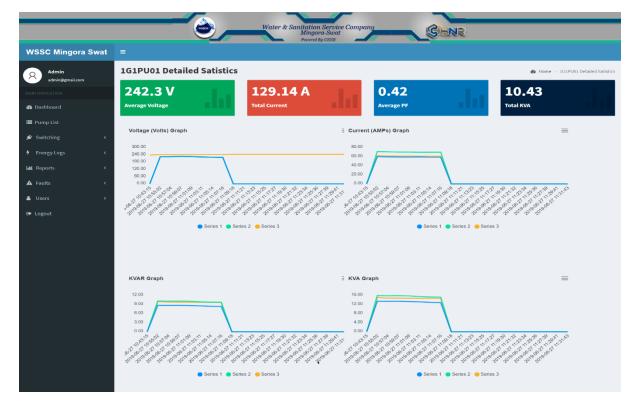
The disabled button means that there is no communication with the device and it's in an offline status.

• Details Details

By clicking details button, detail dashboard of the specific pump will be dashboard. When the device is in offline state, this button is disabled.

# 3. Device Dashboard

By clicking details button on pumps dashboard, the following page is displayed:



The above page the following information about pump:

- Average Voltage (in Volts)
- Total Current (in Amps)
- Average PF (Power Factor)
- Total KVA
- Voltage graph
- Current Graph
- KVA Graph
- KVAR Graph
- KWH Graph

## 4. Pump List

By clicking pump list from the side bar, the following page is displayed:

		- <u>e</u>	Wat	er & Sanitation Service Company Mingora-Swat Powerd By CISNR	G	SNR							
WSSC Mingora Swat				POWERU DY CLAVK									
Admin admin@gmail.com	Pump Li	ist						Bo Home ≥ Pump List					
MAIN NAVIGATION	+ Add New I	+ Add New Pump											
B Dashboard	Show 10	Show 10 • entries Search:											
🔳 Pump List	Pump ID 👫	Name		Location		Capacity (KVA)	Connection It Date It	Actions 👫					
🗲 Switching <	1G1PU01	Akhun baba - Jazz		AkhunBaba - Jazz3043		40	2017-12-21 05:00:00	Edit Delete					
	1G1PU02	Shahgai - Jazz		Shagai-Jazz3050		50	2019-06-25 00:00:00	Edit Delete					
Land Reports <	1G1PU03	Khona Cham - Jazz		KhonaCham-Jazz2904		40	2017-12-21 05:00:00	Edit Delete					
▲ Faults <	1G1PU04	Saidu Sharif (1)		Saidu Sharif (1)		50	2019-02-12 11:28:33	Edit Delete					
■ Users	1G1PU05	SAIDU SHARIF No. 2 - Jazz		SAIDU SHARIF No. 2 Jazz 2953		40	2019-02-12 11:28:33	Edit Delete					
	1G1PU06	CANCER HOSPITAL NF		CANCER HOSPITAL used rarly		50	2019-02-12 11:28:33	Edit Delete					
	1G1PU07	MEDICAL COLLEGE - Telenor		MEDICAL COLLEGE		50	2019-02-12 11:28:33	Edit Delete					
	1G1PU08	SHNA KRAPA - Telenor		SHNA KRAPA		50	2019-02-12 11:28:33	Edit Delete					
	1G1PU09	AFSAR ABAD - Telenor		AFSAR ABAD		50	2019-02-12 11:28:33	Edit Delete					
	1G1PU10	FAIZ ABAD No. 1 - NF		FAIZ ABAD (1)		40	2019-02-12 11:28:33	Edit Delete					
	Showing 1 to 1	0 of 54 entries					Previous 1 2 3	4 5 6 Next					
	•		-			-		•					
	📥 Download	đ											
	Copyright © 2	018-2020 CISNR, UET Peshawar. All	rights reser	ved.									

Pump list page show the following information about the pump:

- Pump ID
- Pump Name
- Location
- Capacity (HP)
- Connection Date

Pump list page also has three buttons:

- Add New Pump Add New Pump By clicking add new pump, new page will be open where you can add new pump.
- Edit Edit By clicking edit button, new page will be open where you can edit a pump.
- **Delete** Delete By clicking delete button, that specific pump will be deleted.
- **Download** Download Download button, all data displayed in that table will be downloaded.

# 5. Add New Pump + Add New Pump

By clicking Add New Pump, following page is displayed. Enter data in all given fields and press add pump button to add the pump into the system.

WSSC Mingora Swat	=		
Admin admin@gmail.com	Add Pump		🚯 Home - Add Pur
	Pump ID	Enter Pump ID	
B Dashboard	Pump Name	Enter Pump Name	
Pump List	Pumping Capacity (Gal/Hr)		
🖋 Switching 🛛 🔇 <		Enter Pumping Capacity. Unit: Gallon/Hour	
🕈 EnergyLogs 🛛 <	Capacity (HP)	Enter Capacity. Unit: Horse Power	
🔟 Reports 🛛 🗸	Longitude	Enter Longitude	
🛦 Faults 🗸	Latitude	Enter Latitude	
🛓 Users 🔍 🤇	Description	Enter Description	
🕀 Logout	Connection Date	dd/mm/yyyy	
	Contact No. 1 (Required)	Enter Contact No. 1 (Required)	
	Contact No. 2 (Optional)	Enter Contact No. 2 (Optional)	
	Contact No. 3 (Optional)	Enter Contact No. 3 (Optional)	
	Reset		Add Pump
	Reset		Xaa Pump

# 6. Delete Pump Delete

By clicking delete button, that specific pump will be deleted.

# 7. Edit Pump

By clicking edit button, following page is displayed. You can edit all the fields except the pump ID and Connection Date. Contact no.1 is mandatory while contact no. 2 and contact no.3 are optional.

		Water & Sanitation Service Company Mingora-Suat Power & USR
WSSC Mingora Swat		
Admin admin@gmail.com	Edit Pump	🚜 Home — Edit Pump
MAIN NAVIGATION	Pump ID	1G1PU01
Bashboard	Pump Name	Akhun baba - Jazz
I Pump List	Pumping Capacity (Gal/Hr)	10
<ul> <li>f Energy Logs</li> </ul>	Capacity (HP)	40
Luid Reports <	Longitude	0
▲ Faults <	Latitude	0
🚢 Users 🛛 🗸	Description	AkhunBaba - Jazz3043
🗭 Logout	Connection Date	2017-12-21 05:00:00
	Contact No. 1 (Required)	Enter Contact No. 1 (Required) Ex: 923101234567
	Contact No. 2 (Optional)	Enter Contact No. 2 (Optional) Ex: 923101234567
	Contact No. 3 (Optional)	Enter Contact No. 3 (Optional) Ex: 923101234567
		Edit Pomp
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# 8. Switching

Switching is a button on sidebar which acts as dropdown having the following two options:

ي 🌿	Switching	~
0 /	Auto Switching	
0	Online Switching	

## 8.1. Auto Switching

By clicking on auto switching, the following table is displayed. On this page you can schedule different times on which a pump is switched on and off. Here you have the option of time adjustment in case there is load shedding during the requested pump operation time.

Water & Sanitation Service Company Mingora-Suat Pourd by CSSR											
WSSC Mingora S	wat										
Admin admin@gmail.com		Auto Switching + Add Auto Switching Job									∰a Home ≥ Auto Switchin
Dashboard		Show 10 v entries								Search:	
📕 Pump List		Pump 🕌	Start Time ↓1	Off Time ↓†	Repeat 👫	Enable/Disable 🏦	Auto Status 🎝	Auto Time Adjustment 1	Signal Strength 🗍	Job Creation Date & Time 1	Actions J†
💋 Switching	<	AFSAR ABAD - Telenor	07:00:00 am	04:00:00 pm	Daily	<b>ن</b> On	Off	එ Enable	Weak	2020-02-06 14:01:34	Edit Delete
<ul> <li>F Energy Logs</li> <li>Lat. Reports</li> </ul>	۲ ۲	Akhun baba - Jazz	07:00:00 am	01:00:00 pm	Daily	<b>ن</b> On	Off	<b>O</b> Enable	Weak	2020-01-29 17:08:49	Edit Delete
A Faults	<	Amankot N0. 2 - Jazz	06:00:00 am	02:30:00 pm	Daily	<b>O</b> n	Off	<b>O</b> Enable	Weak	2020-01-29 17:08:57	Edit Delete
💄 Users	٢	Amankot No. 1 - Jazz	08:00:00 am	02:30:00 pm	Daily	<b>ن</b> On	Off	<b>O</b> Enable	Strong	2020-01-29 17:09:12	Edit Delete
🖶 Logout		AMANKOT No. 3 - Telenor	04:00:00 pm	12:00:00 am	Daily	<b>ن</b> On	Off	<b>⊕</b> Enable	Strong	2020-01-29 17:09:46	Edit Delete

The important information on this page is the signal strength. This shows how strong is the connection of the device with the server. It has three modes:

- Strong (Signals are strong and device is acting as expected.)
- Moderate (Signals are moderate and device may act as expected.)
- Weak (signals are weak and device may misbehave.)
- Offline (device has no communication with server.)

It is highly recommended that enable auto schedule when signal strength is strong or moderate. Avoid the auto schedule option in weak and offline modes

This page has 5 buttons. All of these are described in detail:

#### 8.1.1. Add Auto Switching Job + Add Auto Switching Job

By clicking the button, the following page gets open. Fill all the required filed and press add pump button to add schedule to the system.

			Water & Sanitation Service Company Mingora-Swat		NR
WSSC Mingora Swat	=		Powered By CISNR		
Admin admin@gmail.com	Add Auto Switching	Job			🍪 Home > Add Auto Switching Job
MAIN NAVIGATION	Pump ID	Enter Pump I	D		
🄁 Dashboard	Daily 🗐	Start Time		End Time	
🔳 Pump List	Monday 🗆	Start Time	*****	End Time	
🖋 Switching 🛛 <	Tuesday 🔲	Start Time		End Time	
🕈 Energy Logs 🤇 <	Wednesday 🗆	Start Time		End Time	
Left Reports <	Thursday 🗏	Start Time		End Time	•••*•••
▲ Faults <	Friday 🗆	Start Time		End Time	
Logout	Saturday 🗐	Start Time		End Time	
er estaut		Start Time		End Time	
	Sunday 🗆	start lime		End Time	
	Reset				Add Pump

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#### 8.1.2. Enable/Disable

From this option you can enable and disable specific auto-switching job. It has two states.

**D** Enable It means that auto-switching is currently disabled. By button, it will be enabled.

<sup>ODisable</sup> It means that auto-switching is currently enabled. By button, it will get disabled.

• It means that pump has no communication with server. You can't enable/disable auto switching because it's non-functional.

#### 8.1.3. Auto Time Adjustment

Auto time adjustment is the feature of our Scada which helps the pumps in completing their running hours. For example, a pump switches off due to load shedding and it's running time gets effected, our system will automatically turn it on to complete its running hours once the electricity gets restored. User can enable or disable this feature according his/her wish. It has two states:

© Enable It means that auto-time adjustment is currently disabled. By button, it will be enabled.

**ODisable** It means that auto-time adjustment is currently enabled. By button, it will be disabled.

#### 8.1.4. Edit Auto Switching Edit

From edit auto- switching, you can change schedule of the specific pump on that specific day.

#### 8.1.5. Delete Delete

By clicking this button, you can delete specific auto-switching job.

#### 8.2. Online Switching

By clicking online switching, the following page will be displayed:

WSSC Mingora Swa	at ≡										
Admin admin®email.com	Or	line	Switching							<b>&amp;</b> Home ≥	Online Swite
AIN NAVIGATION	Shov	N 10								Search:	
B Dashboard	Pu ID	mp ↓≞	Name	Capacity ↓† (HP) ↓	Connection Date	Last † Update 11	Switch Pump 🎝	Pump Status 🎝	Communication 🔱	Gallons Pumped 🎝	Cause
Pump List	1G	1PU01	Akhun baba - Jazz	40	21/12/17 05:00:00 AM	13/02/20 11:02:42 AM	🕼 On	Off	Online	0.33	Load Sheddin
Switching		1PU02	Shahgai - Jazz	50	25/06/19 12:00:00 AM	13/02/20 10:44:31 AM	🕼 On	Off	Online	0	Load Sheddin
Energy Logs <b>I</b> Reports	< 1G	1PU03	Khona Cham - Jazz	40	21/12/17 05:00:00 AM	13/02/20 02:00:00 PM	C On	Off	Online	0	Auto- Online
Faults		1PU04	Saidu Sharif (1)	50	12/02/19 11:28:33 AM	13/02/20 11:45:45 AM	C On	Off	Online	0	Load Sheddin
	< 1G	1PU05	SAIDU SHARIF No. 2 - Jazz	40	12/02/19 11:28:33 AM	13/02/20 11:50:46 AM	🕼 On	Off	Online	0	Load Sheddin
• Logout	1G.	1PU06	CANCER HOSPITAL NF	50	12/02/19 11:28:33 AM	11/02/20 04:48:32 PM	Offline	offline	Offline	0	Load Sheddin
	1G	1PU07	MEDICAL COLLEGE - Telenor	50	12/02/19 11:28:33 AM	12/02/20 05:59:41 PM	🕼 On	Off	Online	0	Load Sheddin;
	1G	1PU08	SHNA KRAPA - Telenor	50	12/02/19 11:28:33 AM	13/02/20 07:00:00 AM	C off	On	Online	0	Auto- Online
	1G	1PU09	AFSAR ABAD - Telenor	50	12/02/19 11:28:33 AM	13/02/20 01:37:52 PM	Ø Off	On	Online	0	Manual
	1G.	1PU10	FAIZ ABAD No. 1 - NF	40	12/02/19 11:28:33 AM	14/01/20 12:52:44 PM	Offline	offline	Offline	0	Load Sheddin
	Show	wing 1 to	10 of 54 entries						Previous 1	2 3 4 5	6 Ne

This page shows multiple information about the pump and also provide the facility of manual switching of pump directly from website. The switch pump button has two states:

Offline
Ø
Off
Off
Off
On

it means the device has no communication with server. You can't switch on/off.

It means the pump is currently switched on. By clicking this, pump will turn off.

It means the pump is currently switched off. By clicking this, pump will turn on.

# 9. Energy Logs

Energy logs is a button on sidebar which acts as a dropdown having two options:

Energy Logs

O Current Logs

O Consumption Logs

- 9.1. Current Logs
- 9.2. Consumption Logs

## 9.1. Current Logs

By clicking current logs from the side bar, the following page is displayed:

/SSC Mingora Swat	=														
Admin admin@gmail.com	Curren	t Logs												🚯 Home	e > Current
MAIN NAVIGATION	Select Pur	np	From Date and Time	dd/mm/	уууу			To I Tim	Date and Ie	dd/m	im/yyyy				
Dashboard	Show 10	• entries											Search:		Subr
l Pump List	Pump ID IL	Name	Volt ↓↑ 1(V) ↓	Volt 2 (V)	Volt 3 (V) ↓	Current 1 (Amps)	Current 2 (Amps)	Current 3 (Amps)	KVA 1	KVA 2	KVA 3	PF1	PF2 ↓†	PF3	Date Time
Energy Logs 🗸 🗸 🗸	1G1PU01	Akhun baba - Jazz	0	0	244	0	0	0	0	0	0	0.98	0.98	0.98	2020-1 10 14:51:
Current Logs Consumption Logs Reports <	1G1PU01	Akhun baba - Jazz	0	0	244	0	0	0	0	0	0	0.98	0.98	0.98	2020-0 10 14:50:
Faults <	1G1PU01	Akhun baba - Jazz	0	0	244	0	0	0	0	0	0	0.98	0.98	0.98	2020-0 10 14:49:
Users <	1G1PU01	Akhun baba - Jazz	0	0	244	0	0	0	0	0	0	0.98	0.98	0.98	2020- 10 14:48
	1G1PU01	Akhun baba - Jazz	0	0	244	0	0	0	0	0	0	0.98	0.98	0.98	2020- 10 14:47:
	1G1PU01	Akhun baba - Jazz	0	0	244	0	0	0	0	0	0	0.98	0.98	0.98	2020- 10 14:46:
	1G1PU01	Akhun baba - Jazz	0	0	244	0	0	0	0	0	0	0.98	0.98	0.98	2020- 10 14:45:
	1G1PU01	Akhun baba - Jazz	0	0	244	0	0	0	0	0	0	0.98	0.98	0.98	2020- 10 14:44:
	1G1PU01	Akhun baba - Jazz	0	0	244	0	0	0	0	0	0	0.98	0.98	0.98	2020- 10 14:43:
	1G1PU01	Akhun baba - Jazz	0	0	244	0	0	0	0	0	0	0.98	0.98	0.98	2020- 10 14:42:
	Showing 1 to	0 10 of 4,000 entries								Prev	ious 1	2 3	4 5		400 N

This page is showing the current logs of all the pumps. By default, this page shows last 4000 records from all pumps. User can also view logs of specific pump and within a specific time frame also. To view specific pumps logs, enter the pump id, date and time from and date and time to in the fields given on the top of the page and click submit button. The snip is also given below:

Select Pump	From Date and Time	dd/mm/yyyy	 To Date and Time	dd/mm/yyyy		
					Subr	mit

To download the data shown in the table, click the download button at the end of the page.

Show 10 • entries

From dropdown, you can select the no of records you want to see in table. In search bar, you can search records by data of any column present in the table.

Search:

#### 9.2. Consumption Logs

By clicking consumption logs from the side bar, the following page is displayed:

WSSC Mingora Swat							
Admin	Consumpt	ion Logs					🚳 Home > Consumpti
admin@gmail.com	Select Pump	From Date and Time	dd/mm/yyyy 🗘 🔻		To Date and dd/mm/	уууу	
		and time			Time		Sut
b Dashboard	Show 10 v	entries					Search:
Pump List	Pump ID 🕌	1 Name		1 Unit (Peak Time)	1 Unit (Off Peak Time)	l† Total	11 Date & Time
Switching <	1G1PU01	Akhun baba - Jazz		100.4	294.26	394.66	2020-02-10 15:18:10
	1G1PU01	Akhun baba - Jazz		100.4	294.26	394.66	2020-02-10 15:17:10
∎ Reports <	1G1PU01	Akhun baba - Jazz		100.4	294.26	394.66	2020-02-10 15:16:08
Faults <	1G1PU01	Akhun baba - Jazz		100.4	294.26	394.66	2020-02-10 15:15:08
	1G1PU01	Akhun baba - Jazz		100.4	294.26	394.66	2020-02-10 15:14:09
Users <	1G1PU01	Akhun baba - Jazz		100.4	294.26	394.66	2020-02-10 15:13:06
▶ Logout	1G1PU01	Akhun baba - Jazz		100.4	294.26	394.66	2020-02-10 15:12:05
	1G1PU01	Akhun baba - Jazz		100.4	294.26	394.66	2020-02-10 15:11:04
	1G1PU01	Akhun baba - Jazz		100.4	294.26	394.66	2020-02-10 15:10:04
	1G1PU01	Akhun baba - Jazz		100.4	294.26	394.66	2020-02-10 15:09:03
	Showing 1 to 10 of	2,000 entries			Previou	s 1 2 3	4 5 200 1
	4					_	

This page is showing the consumption logs of all the pumps. By default, this page shows last 2000 records from all pumps. User can also view logs of specific pump and within a specific time frame also. To view specific pumps logs, enter the pump id, date and time from and date and time to in the fields given on the top of the page and click submit button. The snip is also given below:

Select Pump	From Date and Time	dd/mm/yyyy	(	To Date and Time	dd/mm/y	ууу	: Submit
To download th the page.	ie data sh	own in the tabl	e, click the	e download bu	itton	📥 Download	at the end of
Show 10 • entries						Searc	h:

From dropdown, you can select the no of records you want to see in table. In search bar, you can search records by data of any column present in the table.

# 10. Reports

Energy logs is a button on sidebar which acts dropdown having two options:

#### 10.1. Pump Reports

10.2. Event Reports



#### **10.1. Pump Reports**

By clicking pump reports from the side bar, the following page is displayed:

VSSC Mingora Swat								
Admin admin@gmail.com	Pump R	eport						📣 Home > Pump R
IIN NAVIGATION	Select Pump		From Date and Time	ld/mm/yyyy		To D Time	ate and dd/mm/yyyy	
Dashboard								Subr
Pump List	Show 10	▼ entries						Search:
Switching <	Pump	🕌 Peak	.↓† Off Peak	.↓↑ Total	11 Yield	11 Time Switch On	1 Time Switch Off	Ĵ↑ Date
Energy Logs <	1G1PU01	0	6.09	6.09	5	2020-02-10 13:09:26	2020-02-10 13:38:51	February 10, 2020
	1G1PU01	0	0.27	0.27	0.33	2020-02-10 12:55:13	2020-02-10 12:56:58	February 10, 2020
Reports ~	1G1PU01	0	158.55	158.55	51.17	2020-02-10 07:18:04	2020-02-10 12:24:14	February 10, 2020
	1G1PU01	0	126.31	126.31	42.17	2020-02-09 07:09:41	2020-02-09 11:22:27	February 09, 2020
	1G1PU01	0	13.12	13.12	12.67	2020-02-08 11:46:43	2020-02-08 13:02:07	February 08, 2020
	1G1PU01	0	102.14	102.14	31.17	2020-02-08 07:16:34	2020-02-08 10:23:31	February 08, 2020
	1G1PU01	0	33.16	33.16	30.33	2020-02-07 10:56:28	2020-02-07 13:57:48	February 07, 2020
	1G1PU01	0	142.55	142.55	13.67	2020-02-07 09:14:10	2020-02-07 10:35:37	February 07, 2020
	1G1PU01	0	153.53	153.53	44.83	2020-02-06 07:13:29	2020-02-06 11:41:52	February 06, 2020
	1G1PU01	0	0	0	1	2020-02-05 14:17:11	2020-02-05 14:23:05	February 05, 2020
	Pump	Peak	Off Peak	Total	Yield	Time Switch On	Time Switch Off	Date
	Showing 1 to 1	0 of 1,000 entries					Previous 1 2	3 4 5 100 N

This page is showing the pump reports of all the pumps. By default, this page shows last 1000 records from all pumps. User can also view logs of specific pump and within a specific time frame also. To view specific pumps logs, enter the pump id, date and time from and date and time to in the fields given on the top of the page and click submit button.

#### **10.2.** Pump Event Report

By clicking pump event report from the side bar, the following page is displayed:

WSSC Mingora S	Swat										
Admin admini@gmail.com		Pump Event Report do Home									
ANN NAVIGATION		Select Purr	up.	From Date dd/mm/yy	vy		To Date a Time	dd/mm/y	vyy		
20 Dashboard										Submi	
Pump List		Show 10	+ entries						Searc	h:	
🗳 Switching	<	Event ID 1k	Pump ID 11	Name	IT Event I	Cause	11 Date & Time 11	Previous Event 11	Pre Ev. Cause	Pre Ev. Date & Time	
	*	1	1G1PU04	Saidu Sharif (1)	On	Manual	2020-01-24 15:21:51	off	maunal	2020-01-24 09:08:57	
d Reports	× ×	2	1G1PU02	Shahgai - Jazz	MO	Manual or Load Shedding	2020-01-24 15:27:20	On	manual	2020-01-24 13:36:13	
	<	з	1G1PU49	GULKADA No. 2 Jazz	On	Manual	2020-01-24 15:35:20	Off	maunal	2020-01-24 14:27:1	
		4	1G1PU01	Akhun baba - Jazz	Off	Manual or Load Shedding	2020-01-24 15:42:22	On	manual	2020-01-24 13:19:5	
		5	1G1PU50	GULKADA No. 3 Jazz	Off	Manual or Load Shedding	2020-01-24 16:02:20	On	manual	2020-01-24 10:04:3	
		6	1G1PU31	BANR TAHIR ROAD - Telenor	On	Manual	2020-01-24 16:07:37	Off	maunal	2020-01-24 14:59:0	
		7	1G1PU31	BANR TAHIR ROAD - Telenor	Off	Manual or Load Shedding	2020-01-24 16:34:10	On	Manual	2020-01-24 16:07:3	
		8	1G1PU11	FAIZ ABAD No. 2 - Telenor	On	Online	2020-01-24 16:37:01	Off	maunal	2020-01-24 09:08:4	
		9	1G1PU50	GULKADA No. 3 Jazz	On	Manual	2020-01-24 17:04:49	off	Manual or Load Shedding	2020-01-24 16:02:2	
		10	1G1PU32	BANR USMAN ABAD - Telenor	On	Manual	2020-01-24 17:04:56	off	maunal	2020-01-24 14:59:0	
		Event ID	Pump ID	Name	Event	Cause	Date & Time	Previous Event	Pre Ev. Cause	Pre Ev. Date & Tim	

This page is showing the pump event reports of all the pumps. By default, this page shows last 1000 records from all pumps. User can also view logs of specific pump and within a specific time frame also. To view specific pumps event reports, enter the pump id, date and time from and date and time to in the fields given on the top of the page and click submit button.

# **11. Faults**

Fault is a button on sidebar which acts dropdown having three options:

- 11.1. Auto Logged Faults
- 11.2. Add Manual Fault
- 11.3. Manual Faults List

### **10.1.** Auto Logged Faults

By clicking auto logged faults from the side bar, the following page is displayed:

SSC Mingora Swat	=										
Admin admin@gmail.com NAVIGATION	Faults Select Pump	From Date and Time	dd/mm	1/уууу			To Date and Time	dd/mm/yyy	у		& Home ≻
Dashboard	Show 10 • entries								5	Search:	Sub
Pump List Switching <	Pump	Volt 1 ↓≜ (V) ↓↑	Volt 2 (V) ↓	Volt 3 (V)	Curr 1 (Amps)	Curr 2	Curr 3 Jî (Amps) Jî	Report Time 🗍	Type ↓†	Status 🎵	Resolve Time
	AFSAR ABAD - Telenor	205.71	205.3	204.4	49.19	48.13	52.72	2019-07-04 23:15:53	Under Load	Resolved	2019-08-23 14:05:56
eports <	AFSAR ABAD - Telenor	205.71	205.3	204.4	49.19	48.13	52.72	2019-07-04 23:23:37	Under Load	Resolved	2019-08-23 14:05:56
aults <	AFSAR ABAD - Telenor	205.71	205.3	204.4	49.19	48.13	52.72	2019-07-04 23:23:37	Under Load	Resolved	2019-08-23 14:05:56
ogout	AFSAR ABAD - Telenor	205.71	205.3	204.4	49.19	48.13	52.72	2019-07-04 23:27:21	Under Load	Resolved	2019-08-23 14:05:56
	AFSAR ABAD - Telenor	205.71	205.3	204.4	49.19	48.13	52.72	2019-07-04 23:28:10	Under Load	Resolved	2019-08-23 14:05:56
	AFSAR ABAD - Telenor	205.71	205.3	204.4	49.19	48.13	52.72	2019-07-04 23:31:48	Under Load	Resolved	2019-08-23 14:05:56
	AFSAR ABAD - Telenor	205.71	205.3	204.4	49.19	48.13	52.72	2019-07-04 23:32:53	Under Load	Resolved	2019-08-23 14:05:56
	AFSAR ABAD - Telenor	205.71	205.3	204.4	49.19	48.13	52.72	2019-07-04 23:37:18	Under Load	Resolved	2019-08-23 14:05:56
	AFSAR ABAD - Telenor	205.71	205.3	204.4	49.19	48.13	52.72	2019-07-04 23:39:11 2019-07-04	Under Load Under Load	Resolved	2019-08-23 14:05:56 2019-08-23
			203.3	204.4	42.13	40.13	32.12	23:39:11			14:05:56
	Showing 1 to 10 of 1,000 entr	ies						Previous	1 2 3	4 5	100 M

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This page is showing the auto logged faults of all the pumps. These are the faults which are logged automatically by the devices. By default, this page shows last 1000 fault records from all pumps. User can also view logs of specific pump and within a specific time frame also. To view specific pumps event reports, enter the pump id, date and time from and date and time to in the fields given on the top of the page and click submit button.

Faults
Auto Logged Faults
Add Manual Fault
Manual Faults List

## **10.2. Add Manual Faults**

By clicking add manual faults from the side bar, the following page is displayed:

		Water & Sanitation Service Company Mingora-Swat	GIENR
WSSC Mingora Swat	=	Fourrel By CISNR	Com
Admin admin@gmail.com	Add Manual Faults		🍪 Home > Add Manual Faults
MAIN NAVIGATION	Select Pump*	Select Pump from List	
B Dashboard	Fault Date Time*	dd/mm/yyyy	
Pump List Switching	Pump Fault*	Describe Pump Fault	
🕈 Energy Logs 🗸	Status*	Pending	•
🔟 Reports 🗸	Resolved by	Enter the person who resolved the problem	
▲ Faults <	Resolve Date Time	dd/mm/yyyy	
🛎 Users 🔇 <	Remarks	Enter Remarks	
🖶 Logout	Supervised by	Enter Supervisor Name	
	Reset		Add Fault
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If the fault is not resolved yet, fill all required fields (fields with \*) and press add fault. You can add the remianing field by editing the fault report. If the fault has been resolved, fill all the fields and press submit.

#### **10.3. Manual Fault List**

By clicking manual faults list from the side bar, the following page is displayed:

Water & Sanitation Service Company Insorta Susta															
WSSC Mingora Swat					, and the second s										
Admin admin@gmail.com	Manual	Fault Lis	t									Search		iome ≻ Manual Fault L	.ist
Bashboard	Fault No. ↓≧	Pump ID	Pump Name ]	Fault Date & Time []	Fault 1	Status 👫	Resolved by	11	Resolve Date & Time	ţţ	Remarks 👫	Supervised by	lt	Date & Time 🗐	
🔳 Pump List	1	1G1PU01	Akhun baba - Jazz	2020-01-08 02:00:00	FAULT	Pending								2020-01-21 10:17:07	
🖋 Switching 🛛 🔇	Showing 1 to 1	of 1 entries											Pre	vious 1 Next	
🕈 Energy Logs 🛛 🔇	•														۲
Lill Reports <															
A Faults <															
🚢 Users 🛛 🗸															
🕞 Logout															
	Copyright © 2	018-2020 CISN	R, UET Peshawar. A	ll rights reserved.											

This page is showing list of all manually added faults.

## 11. Users

Fault is a button on sidebar which acts dropdown having three options

- 11.1. User List
- 11.2. Add New User
- 11.3. Email List

### 11.1. User List

By clicking user list, the following page is displayed. You can delete specific user by clicking delete.

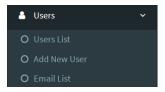
				Water & Sanitation Service Company Mingora-Swat Powered By CISNR	GIANR		
WSSC Mingora Swa	ıt						
Admin		Users					🍪 Home > Use
admin@gmail.com		Show 10 •	entries			Searc	h:
		Name	🎼 Username	Ĵ↑ Email	1 Password	† Role	Action
🍄 Dashboard		Admin	admin	actockagegeoraciescos	XXXXX	Admin	Delete
Pump List		Safi Ullah	safi	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXX	Admin	Delete
🖋 Switching	<			- 0.			Delete
🕈 Energy Logs	<	Supervisor	supervisor	MARKARARARAR	XXXXXXXXX	Supervisor	Delete
<b>uii</b> Reports	<	Showing 1 to 3 of 3	entries				Previous 1 Next
▲ Faults	<	•					
🖞 Users	~						
O Users List							
O Add New User							
🗭 Logout							
		Copyright © 2018-	2020 CISNR, UET Peshawar. Al	l rights reserved.			

## 11.2. Add New User

By clicking add new user, the following page is displayed:

		Water & Sanitation Service Company Mingora-Swat	GINR
WSSC Mingora Swat	=	Powered By CSSNR	
Admin admin@gmail.com	Add User		Home > Add User
MAIN NAVIGATION	Name	Enter Name	
B Dashboard	Select Role	Admin	•
Pump List Switching	Username	Enter Username	
f EnergyLogs <	Password	Enter Password	
Luli Reports <	Email	Enter Email	
▲ Faults <	Reset		Add User
🛔 Users 🛛 🔇 🤇	_		
🗭 Logout			
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Add all the fields available on page and press add user button.



## **11.3. Email IDs for Notifications**

By clicking email list, the following page is displayed.

		Water & Sanitation Service Company	
WSSC Mingora Swat	=	Procered By CISIR	
Admin admin@gmail.com	Email IDs for Notific	ations	Be Home > Email IDs for Notifications
MAIN NAVIGATION	Email 1	Enter Email Preference No. 1	
🏟 Dashboard	Email 2	Enter Email Preference No. 2	
🔳 Pump List	Email 3	Enter Email Preference No. 3	
🖌 Switching <			
🕈 Energy Logs 🛛 <	Reset		Update Emails
Lall Reports <			
🛦 Faults <			
🚢 Users 🛛 🗸 🤇			
🕞 Logout			
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The system has option for 3 email IDs to get notification on. Add email IDs in the field given on page and add update emails so that users can receive emails of all faults in the system.

# 12. Logout

By clicking this button, your session gets expired and user is redirected to login page.

🕩 Logout

---END----