

ADDING & EDITING MOTORS

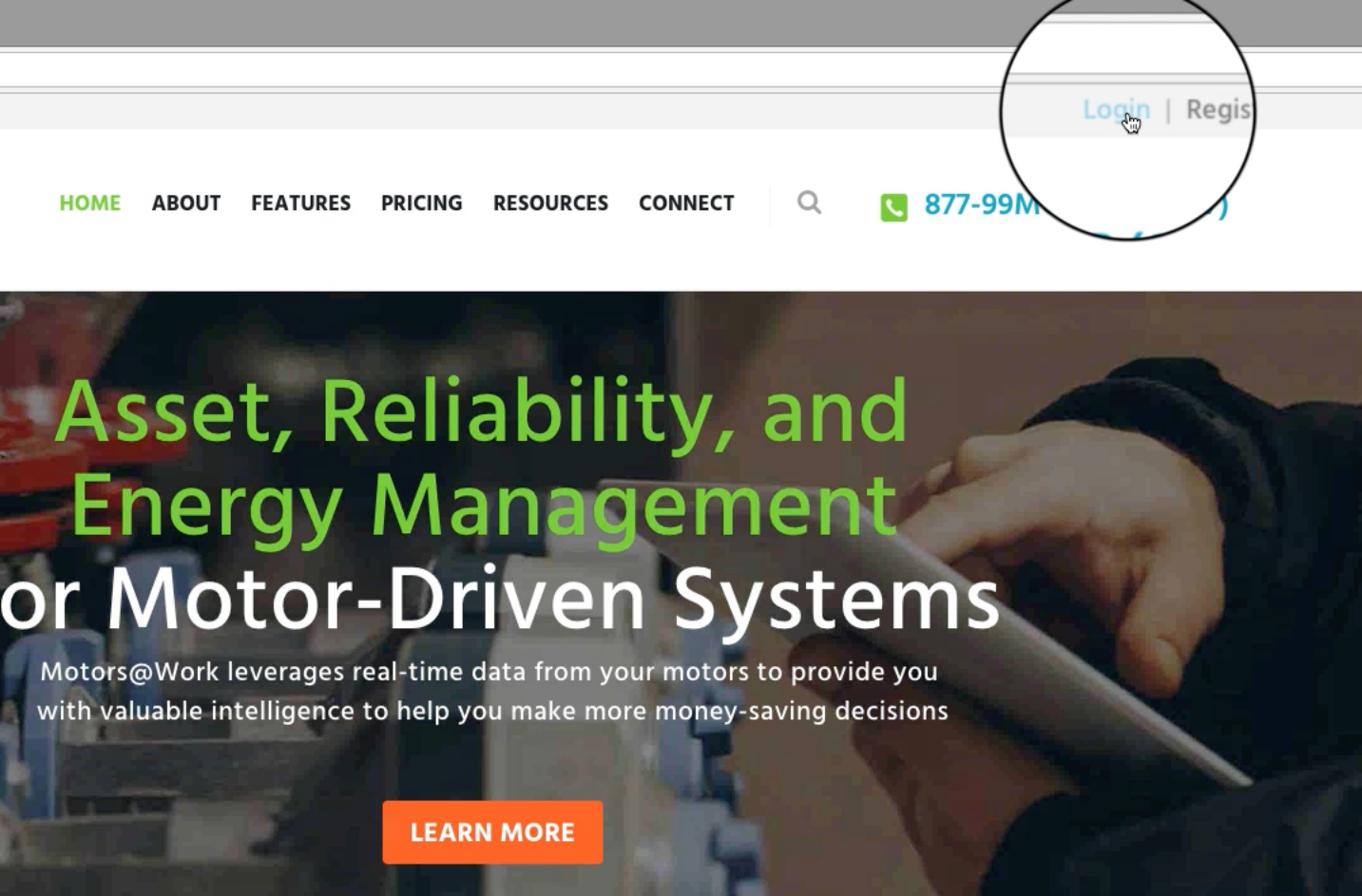
A QUICK-START GUIDE



MOTORSE@WORK



LOG INTO MOTORS@WORK



1. Open your browser & go to www.motorsatwork.com
2. Select [Login](#) in the upper right corner of the website

ASSET, RELIABILITY AND ENERGY MANAGEMENT FOR MOTOR-DRIVEN SYSTEMS

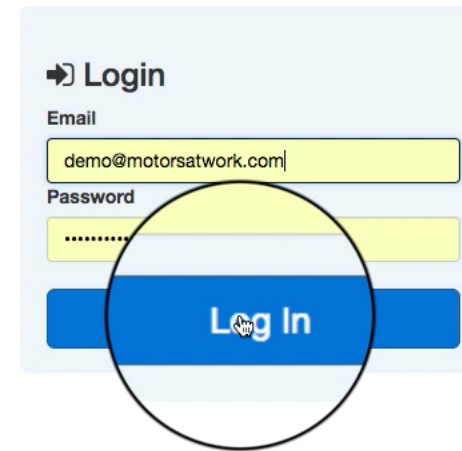


Reliability Management



Energy Management

3. Enter your **Email** and **Password** in the appropriate fields
4. Click the **Log In** button

A screenshot of a web application's login interface. It features a light blue background with the heading "Login" and a right-pointing arrow. Below the heading are two input fields: "Email" containing "demo@motorsatwork.com" and "Password" containing a series of dots. A blue "Log In" button is positioned below the fields, with a mouse cursor hovering over it. A black circle highlights the "Log In" button.



NAVIGATE TO MY MOTORS

Motors@Work - Efficiency for X

ec2-54- https://app.motorsatwork.com/dashboard

Search criteria

Yberry Waterworks Overview

Asset Management Reliability Management Energy Management

Asset Performance

Energy Opportunities Total, all facilities

Asset	Score	Payback period	Cost to replace
CALVANDER PS PU	96.57 ✔	0.04 years	\$1,474.85
Yemassee Test M	N/A	0.2 years	\$3,082.30
-NA-	N/A	0.21 years	\$3,082.30
#2	N/A	0.35 years	\$2,573.35
MOTOR - 10947 -	N/A	0.83 years	\$2,115.75
...		< 2 years	

Total, payback under 2.00 years **\$ 328544.45**

Reliability Opportunities Total, all facilities

Asset	Score	Life remaining	Cost to replace
Yemassee Test M	N/A	0 years	\$3,082.30
2 Water Pump Mo	2.6 ✘	0 years	\$9,285.90
CALVANDER PS PU	2.6 ✘	0 years	\$1,474.85
CALVANDER PS PU	2.6 ✘	0 years	\$1,526.20
...			

Total, less than 5 years remaining life **\$15369.25**

Notifications

New, asset only

- New measurement shows, #2: [HIGH] Motor Load exceeds service factor: 652.50
[Review #2 Measurements](#)
- New measurement shows, Finished Water MOTOR - 10116 - RSL PUMP MOTOR #1, 50-RSLM-1: [HIGH] Motor Load exceeds service factor: 135.21
[Review Finished Water MOTOR - 10116 - RSL PUMP MOTOR #1, 50-RSLM-1 Measurements](#)
- New measurement shows, Finished Water MOTOR - 10116 - RSL PUMP MOTOR #1, 50-RSLM-1: Motor operating at sub-optimal motor load. Measured: 15.91

My KPIs

Total, all facilities

Metric	July 2017	Previous 12 months
Average age of assets	15.26 years	
Depreciation ratio	0 %	
Energy Performance	1523.72 kWh/mg	
Total utility bill	\$ 240439.62	
Equipment effectiveness	0 %	
Replacement needed	\$ 328544.45	

1. Click the [Inventory icon] in the left navigation bar
2. By default, you'll land on the **My Motors** screen



ADD A NEW MOTOR

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







Search criteria

Inventory


My Motors ? My Pumps

Select a Motor ? Enable Edit Details, Measurements, Motor Alternatives and History Tabs.

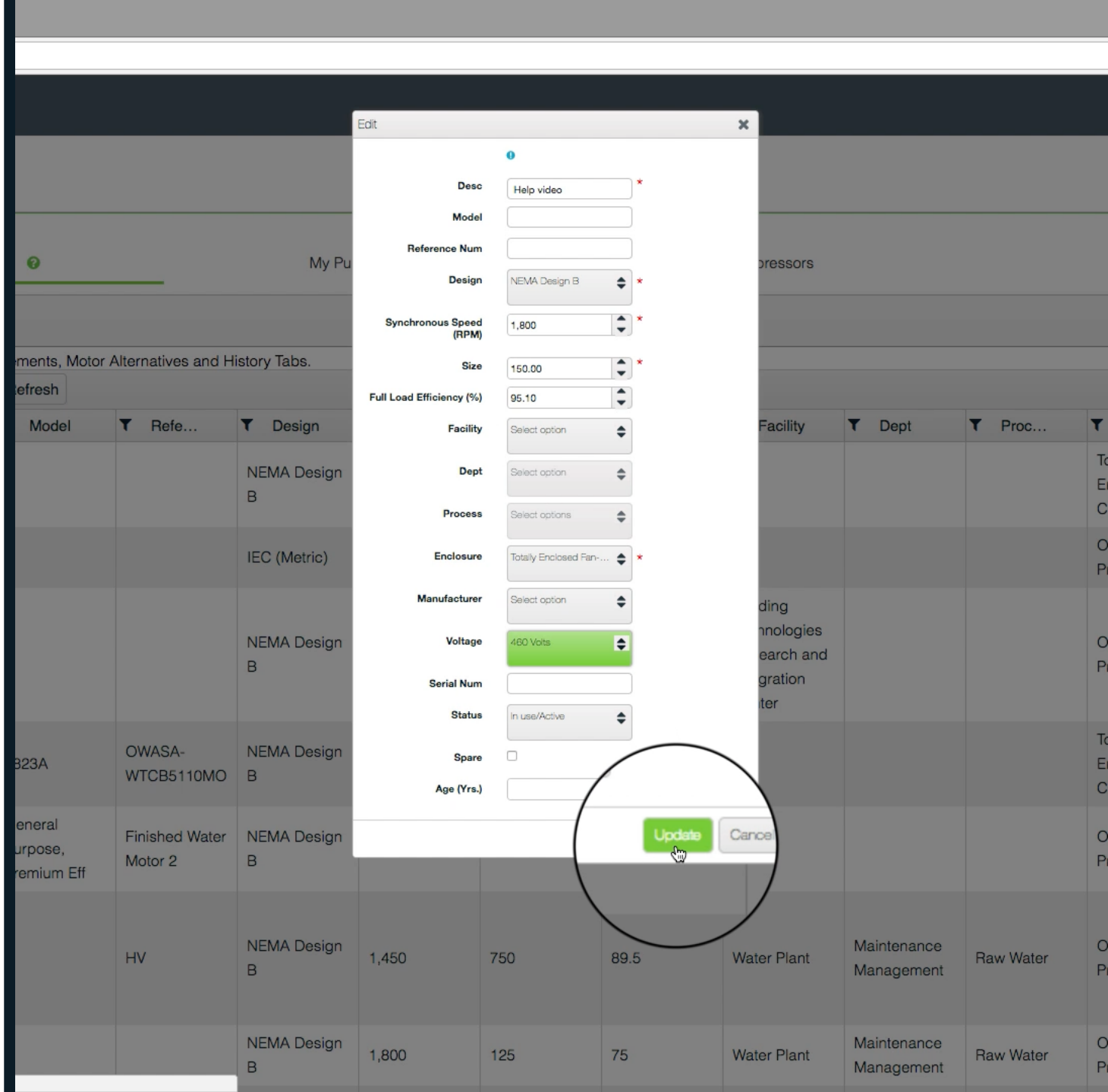
 Export To Excel Export To PDF Refresh

	Desc	Model	Refe...	Design	Sync...	Size	Full ...
	Demo			NEMA Design B	1,800	150	94.5
 	#2			IEC (Metric)	1,800	100	87
  	#			NEMA Design B	1,800	200	87
   	CALVANDER PS PUMP #3 MOTOR	2823A	OWASA-WTCB5110MO	NEMA Design B	1,800	41	90.1
  	Yemassee Test Motor 2	General Purpose, Premium Eff	Finished Water Motor 2	NEMA Design B	1,800	125	75
  	Finished Water MOTOR - 10116 - RSL PUMP MOTOR #1, 50-RSLM-1		HV	NEMA Design B	1,450	750	89.5
  	Downsize Example			NEMA Design B	1,800	125	75

ec2-54-91-0-59.compute-1.amazonaws.com:8085/motor#

1. To add a new motor, click the  [Add icon]

2. Enter, at a minimum, all required fields, denoted with a red asterisk (*)
3. Click **Update** to create the motor record



The screenshot displays a web application interface. In the background, there is a table with columns for Model, Reference Number, Design, Facility, Dept, Process, Enclosure, Manufacturer, Voltage, Serial Number, Status, Spare, and Age (Yrs.). The table contains several rows of motor data. Overlaid on the table is a white 'Edit' modal form. The form contains the following fields:

- Desc: Help video *
- Model: [Empty]
- Reference Num: [Empty]
- Design: NEMA Design B *
- Synchronous Speed (RPM): 1,800 *
- Size: 150.00 *
- Full Load Efficiency (%): 95.10
- Facility: Select option
- Dept: Select option
- Process: Select options
- Enclosure: Totally Enclosed Fan... *
- Manufacturer: Select option
- Voltage: 460 Volts
- Serial Num: [Empty]
- Status: In use/Active
- Spare:
- Age (Yrs.): [Empty]

At the bottom of the modal form, there are two buttons: a green 'Update' button and a grey 'Cancel' button. A mouse cursor is pointing at the 'Update' button, which is circled in black.



EDIT AN EXISTING MOTOR

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Search criteria

Inventory

Motors ? My Pumps

List **Edit Details** Measurements ? Motor Alternatives 106 History

+ Export to Excel Export to PDF Refresh

			Model	Refe...	Design	Sync...	Size	Full ...
		Help video			NEMA Design B	1,800	150	95.1
		Demo			NEMA Design B	1,800	150	94.5
		#2			IEC (Metric)	1,800	100	87
		#			NEMA Design B	1,800	200	87
		CALVANDER PS PUMP #3 MOTOR	2823A	OWASA-WTCB5110MO	NEMA Design B	1,800	41	90.1
		Yemassee Test Motor 2	General Purpose, Premium Eff	Finished Water Motor 2	NEMA Design B	1,800	125	75
		Finished Water MOTOR - 10116 - RSL PUMP MOTOR #1, 50-RSLM-1		HV	NEMA Design B	1,450	750	89.5

1. Select the motor record
2. Click the **Edit Details** tab

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Search criteria

Inventory

My Motors ? My Pumps

List Edit Details Motor Alternatives 106 History

Quick Evaluation Detailed Analysis Rewound Remove Rewound Copy From Catalogue

Motor details


Facility: Building Technologies...	Design* : NEMA Design B	Size UOM: HP
Department: Select option	Enclosure Type * : Totally Enclosed Fan...	Manufacturer: Select option
Process: Select option	Synchronous Speed (RPM) * : 1,800	Reference Number:
Code: 	Synchronous Speed UOM : RPM	Model:
Description * : Help video	Size * : 150.00	Serial Number:

Name Plate

Definite Purpose: Select option	Full Load Amps: 160.00	Full Load Efficiency (%): 95.10
Voltage Rating: 460 Volts	Full Load Speed: 1,775	Service Factor: 1.15

3. Enter details & specifications for this motor, particularly Full-load efficiency, Full-load current, & Wired for voltage
4. Click the [Update icon] in the upper left corner to save your changes to this motor asset's record

TIP

- ★ Our [Motor Upload Utility](#) makes adding more than one pump quick and easy; click  [Settings icon] in the navigation bar to access our [Upload Utilities](#)





Get an unexpected result?

Need more help?

Motors@Work's online [Help Library](#) contains the latest tips & tricks — just click the  [[Help icon](#)].