

**Report Generator**

**EOscada Report Generator** is a Windows application that allows the user to:

- Select the historical data that is reported on each point selected.
- Select the function performed on the historical data reported for the points selected (e.g. max, min, sum, avg).
- Select the time period over which the function is applied (e.g. every 15 min.)
- Select the interval (start and stop date/time) for the report.
- Select the output format - Access, Excel, Text, or Email.
- Save / Edit the report criteria.
- Provide on-demand execution of a defined report.
- Schedule predefined reports with Windows Task Scheduler
  - Points are selectable for a report by Point Type, Point ID, and Point Name.
  - The data reported for a point include Point Name and Time Tag.
  - Depending on the point type selected, the following functions are available: Last value, Minimum, Maximum, Average, Sum, Count, and Transitions.

Report Definition Screens

**Report Definition**

Report Name: 15 Min MMA      Report Table Name: 15MinMMA      Delete Table      Delete Report      Close

Point Selection    Functions    Routing

Points Available for Selection			Points Selected		
RTU	Device Name	Point Type	RTU	Device Name	Point Type
EAST IOWA 1	69KV BUSS VOLTS A	Analog	Test RTU	Analog5	Pseudo Analog
KENWOOD SUB	FDR 1 AMPS A	Analog	Test RTU	Analog6	Pseudo Analog
KENWOOD SUB	FDR 1 BREAKER	C&I 2-state device	Test RTU	Analog7	Pseudo Analog
Test RTU	Analog8	Pseudo Analog			
Test RTU	Analog9	Pseudo Analog			
Test RTU	Calculated Analog	Pseudo Analog			
Test RTU	Test System Minutes	Pseudo Analog			

Select individual Points

**Report Definition**

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Point Selection    Functions    Routing

Perform function every: 15 Minutes

Select Data and Functions

	Last Value	Min	Max	Avg	Sum	Count	Transitions
Data	EngValue	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
*Data	Count	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Delta1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Delta2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Delta3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	EngValue	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	State	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Report Routes

	Content	Type	Location/Destination
<input type="radio"/>	All	Excel Spreadsheet	C:\C3ilex\EOscada\Reports\15MinMMA.xls
<input checked="" type="radio"/>	Functions	Comma Delimited	C:\C3ilex\EOscada\Reports\15MinMMA.txt
<input type="radio"/>	All	Comma Delimited	
<input type="radio"/>	Functions	Excel Spreadsheet	
*	All	Report	
<input type="radio"/>	Functions	Email	